

HIGHWAY WORK PROPOSAL

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

Proposal Number: **028**

<u>COUNTY</u>	<u>STATE PROJECT</u>	<u>FEDERAL</u>	<u>PROJECT DESCRIPTION</u>	<u>HIGHWAY</u>
Waupaca	6424-03-70	WISC 2020556	C Waupaca, Main Street; Badger Street To Granite Street	LOC STR
Waupaca	6424-03-80	N/A	C Waupaca, Main Street; Badger Street To Granite Street	LOC STR

ADDENDUM REQUIRED ATTACHED AT BACK

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

Proposal Guaranty Required: \$75,000.00 Payable to: Wisconsin Department of Transportation	Attach Proposal Guaranty on back of this PAGE.
Bid Submittal Date: November 10, 2020 Time (Local Time): 11:00 am	Firm Name, Address, City, State, Zip Code
Contract Completion Time November 01, 2021	<h3 style="margin: 0;">SAMPLE</h3> <h3 style="margin: 0;">NOT FOR BIDDING PURPOSES</h3>
Assigned Disadvantaged Business Enterprise Goal 4%	This contract is exempt from federal oversight.

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

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

Subscribed and sworn to before me this date _____

(Signature, Notary Public, State of Wisconsin)

(Bidder Signature)

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

(Print or Type Bidder Name)

(Date Commission Expires)

(Bidder Title)

Notary Seal

Type of Work: Grading, Base, Concrete Pavement, Asphalt Pavement, Storm Sewer, Curb and Gutter, Sidewalk, Trees, Street Lighting, Water Main, Sanitary Sewer, Pavement Markings, Signs	For Department Use Only
Notice of Award Dated	Date Guaranty Returned

**PLEASE ATTACH
PROPOSAL GUARANTY HERE**

Effective with November 2007 Letting

PROPOSAL REQUIREMENTS AND CONDITIONS

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

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

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

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

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

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

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

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

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

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

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

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

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

Effective with August 2015 Letting

BID PREPARATION

Preparing the Proposal Schedule of Items

A General

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

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

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

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

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

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

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

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

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

B Submitting Electronic Bids

B.1 On the Internet

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

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

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

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

Bidder Name

BN00

Proposals: 1, 12, 14, & 22

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

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

C Waiver of Electronic Submittal

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

PROPOSAL BID BOND

DT1303 1/2006

Wisconsin Department of Transportation

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

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

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

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

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

PRINCIPAL

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

(Signature and Title)

(Company Name)

(Signature and Title)

(Company Name)

(Signature and Title)

(Company Name)

(Signature and Title)

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

(Signature of Attorney-in-Fact)

NOTARY FOR PRINCIPAL

NOTARY FOR SURETY

(Date)

(Date)

State of Wisconsin)
)
 _____ County) ss.

State of Wisconsin)
)
 _____ County) ss.

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

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

(Signature, Notary Public, State of Wisconsin)

(Signature, Notary Public, State of Wisconsin)

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

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

(Date Commission Expires)

(Date Commission Expires)

Notary Seal

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.

Special Provisions

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STSP'S Revised June 29, 2020

SPECIAL PROVISIONS

1. General.

Perform the work under this construction contract for Project 6424-03-70, C Waupaca, Main Street, Badger Street to Granite Street, LOC STR, Waupaca County, Wisconsin and Project 6424-03-80 C Waupaca, Main Street, Badger Street to Granite Street, LOC STR, Waupaca 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 pavement removal, common excavation, storm sewer, base aggregate dense, concrete pavement, concrete curb and gutter, sidewalk, decorative street lighting, traffic signal removal, pavement marking, signing, sanitary sewer, watermain and all incidental items necessary to complete the work as shown on the plans and included in the proposal and contract.

104-005 (20090901)

3. Prosecution and Progress.

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

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

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

4. Traffic.

Construct the project in 2 stages. Details of each stage are listed below.

Main Street shall be closed to through traffic during construction operations. Provide and maintain access to businesses and residences at all times.

Construct multiple entrances onto Main Street on an open/close alternating basis. Construct properties with single entrances onto Main Street one half at a time or provide a temporary base aggregate dense entrance constructed next to the existing entrance. Properties with alternate/additional access from a side street or alley shall use the alternate side street access while the entrances onto Main Street are constructed.

The City of Waupaca will provide, install and maintain the pedestrian detour route.

Stage 1

Install traffic control devices and close Main Street from Fulton Street to the north limits. Complete within the first 10 days of construction at the Fulton Street intersection the following: install sanitary and other underground facilities, complete subgrade work and place base aggregate and temporary asphalt to final grades.

Stage 1A

Move traffic control devices from the south side of the Fulton Street intersection to the north side and open the north, east and west leg of the Fulton Street intersection to traffic. Continue work on Main Street north of Fulton Street.

Stage 1B

Move traffic control devices from the north side of the Fulton Street intersection to the south side. Remove the temporary asphalt within the Fulton Street intersection and complete the curb and gutter and high early strength concrete pavement within the Fulton Street intersection within 14 days. Continue work on Main Street north of Fulton Street.

Stage 1C

Move traffic control devices from the south side of the Fulton Street intersection to the north side and open the north, east and west leg of the Fulton Street intersection to traffic. Continue work on Main Street north of Fulton Street.

Stage 2

Install traffic control devices and close Main Street from Badger Street to the south side of Fulton Street
Open Main Street from Fulton Street to the north project limits.

5. Holiday Work Restrictions.

Do not perform work on, nor haul materials of any kind along or across any portion of the highway carrying Main Street traffic during the following holiday periods:

- From noon Friday, May 28, 2021 to 6:00 AM Tuesday, June 1, 2021 for Memorial Day;
- From noon Friday, July 2, 2021 to 6:00 AM Monday July 5, 2021 for Independence Day;
- From noon Friday, September 3, 2021 to 6:00 AM Tuesday, September 7, 2021 for Labor Day.

stp-107-005 (20181119)

6. Utilities.

This contract does not come under the provision of Administrative Rule Trans 220.

stp-107-066 (20080501)

All utilities within the construction limits of Project ID 6424-03-80 were coordinated under Project ID 6424-03-70. There are no other known utility conflicts within the construction limits.

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

Coordination between the contractor and utility companies will be required.

AT&T (Communications)

AT&T has existing underground telephone facilities within the project area and has one 12-duct package which crosses Main Street along the south curb line of W. Union Street at Station 105+/-60. This duct pack is likely in conflict with storm sewer structure 6A, as well as the associated connecting pipes. ATT will expose the duct pack, adjust and attempt to provide minimal clearance.

This work will occur during construction, after the roadway is closed and pavement is removed and will take 5-10 working days.

The contractor should contact Chuck Bartelt at (920) 410-5104 to coordinate the work.

ATT does not have any other facilities within the project area.

Charter Spectrum (Communications)

Charter Spectrum has no conflicts within the project limits. The existing communication lines are located within a rear easement in the west alley along Main Street, between Badger Street and Granite Street.

City of Waupaca (Sanitary Sewer)

The City of Waupaca has sanitary sewer facilities throughout the project which will be replaced as part of the project.

City of Waupaca (Water)

The City of Waupaca has watermain and water services throughout the project which will be replaced as part of the project.

We Energies (Gas)

We Energies has gas facilities located within the project limits.

We Energies plans to install a new gas main from approximately Station 115+40 LT to Station 117+00 LT along Main Street, across Main Street from approximately Station 115+55 LT to Station 115+55 RT and to replace a service at approximately Station 600+50 LT on Cooper Street during construction.

We Energies will install the new gas main after the contractor and City install traffic control, including detour route, and has removed hard surfaces in these areas.

We Energies estimates the proposed work will be completed within 20 working days.

It is imperative that the contractor contact We Energies before removing any gas, to verify that they have been discontinued and carry no natural gas. The contractor must not assume that unmarked facilities have been discontinued. At no time is it acceptable to push, pull, cut or drill an unmarked facility without explicit consent from We Energies. The contractor must call We Energies 24-hour dispatch lines to arrange verification at: We Energies Gas Dispatch 1-800-261-5325.

Wisconsin Public Service (WPS-Electric)

WPS has overhead electric lines serving properties and existing street lighting within the project limits.

WPS will need to remove the existing street lighting facilities above ground during construction. The contractor shall coordinate with the City of Waupaca, for the City to make a formal request for removal of each light pole. A minimum 14 calendar day notice will be needed for the removals.

The overhead conductors will be removed, and the underground conductor will be disconnected and left in place.

The street lights at the northwest, southwest and southeast corners of Main Street and Badger Street, along with the lights at the southwest and northeast corners of Main Street and Fulton Street, are attached to traffic signal poles. These will need to be removed prior to the removal of the signal poles.

The following pole location numbers will be needed when requesting removals: pole S4-Z46, pole S4-EE36 and S4-AA47 located at Main Street and Badger Street and pole S4-EE26 and pole S4-FF17 located at Main Street and Fulton Street.

WPS-Electric estimates the proposed work will be completed within 3 working days.

7. 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 Jason Schaeffer, WisDOT NC Region - Wisconsin Rapids, (715) 421 – 7309. Post the permit in a conspicuous place at the construction site.

stp-107-056 (20180628)

8. Public Convenience and Safety.

Replace standard spec 107.8 (4) with the following:

Notify the following organizations and departments at least two business days before road closures, lane closures, or detours are put into effect:

- Waupaca County Sheriff's Department
- Wisconsin State Patrol
- City of Waupaca
- Go Riteway Transportation Group/Waupaca School District
- Waupaca Post Office

The City of Waupaca Police Department 911 dispatches all area police, fire and ambulance services, and will relay any notification given by the contractor.

ncr-107-005 (20141015)

9. Property Marks – Protecting and Restoring.

Replace standard spec 107.11.3 (1) with the following:

Protect and carefully preserve all known property and survey marks, land monuments, and right-of-way monuments and marker posts. Notify the engineer of the nature and location of these monuments and markers. Do not disturb or destroy monuments or markers until the engineer has arranged for their referencing or perpetuation.

Reset or replace, to the required standard, any property and survey marks, land monuments, and right-of-way monuments and marker posts that fall outside the construction limits that are shifted, lost or damaged by the contractor during construction operations, as determined by the engineer. If the contractor fails to restore the disturbed monuments or markers within a reasonable time, the department may, upon 48 hours written notice, restore the disturbed monuments or markers. The department will deduct restoration costs from payments due the contractor under the contract.

ncr-107-010 (20110531)

10. 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 prior to discharge. Submit the proposed means and methods of dewatering for each required location for approval as part of the Erosion Control Implementation Plan (ECIP). Include details of how the intake will be managed to not cause an increase in the background level turbidity prior to treatment and any additional measures 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. This document can be found at the WisDNR website:

http://dnr.wi.gov/topic/stormwater/standards/const_standards.html

Work includes furnishing all materials, excavation, maintenance, cleaning, disposal of surplus material and removal of the dewatering system and is incidental to contract work.

ncr-107-025 (20160401)

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

Both the department and City of Waupaca personnel will inspect construction of sanitary sewer and water main under this contract. However, construction staking, testing, and acceptance of the sanitary sewer and water main construction will be by the City of Waupaca.

stp-105-001 (20140630)

12. Municipality Owned Street Signs.

All removed street signs and posts shall be delivered to the City of Waupaca Street Department at 319 S. Oborn Street, Waupaca, WI 54981. Contact Roger Hansen, City of Waupaca Street Superintendent, 10 working days prior to the start of construction at (715) 258-4421.

13. Notice to Contractor – Contamination Beyond Construction Limits.

The department completed research for soil and ground water contamination within this project where excavation is required. Research indicated that petroleum-contaminated soil may be present at the following site outside of the project limits:

1. Lot northeast of the Main Street / Badger Street intersection.

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

The project corridor has the potential for underground storage tanks to be present that are not documented in research data bases.

The Hazardous Materials Report is available by contacting: Jason Schaeffer, WisDOT NC Region - Wisconsin Rapids, (715) 421-7309.

stp-107-100 (20050901)

14. Erosion Control.

Add the following to standard spec 107.20:

Perform construction operations in a timely and diligent manner, continuing all construction operations methodically from the initial topsoil stripping operation through the subsequent grading and finishing to minimize the period of exposure to erosion.

Replace topsoil on disturbed areas, including spot locations such as cross drains, driveways, guardrail and terminals, and intersections, immediately after grading is completed within those areas. Complete finishing operations, which includes seed, fertilizer, erosion mat, mulch, and any other permanent erosion control measures required, within seven calendar days after the placement of topsoil.

ncr-107-050 (20141015)

15. Coordination with Businesses and Residents.

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

stp-108-060 (20141107)

**16. Removing Traffic Signals Main Street & Badger Street, Item 204.9105.S.01;
Removing Traffic Signals Main Street & Fulton Street, Item 204.9105.S.02.**

A Description

This special provision describes removing Traffic Signals according to the pertinent provisions of standard spec 204 and as hereinafter provided. Specific removal items are noted in the plans.

B (Vacant)

C Construction

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

Notify the City of Waupaca Public Works Department at (715) 258-4421 at least five working days prior to the removal of the traffic signals. Complete the removal work as soon as possible following shut down of this equipment.

The city assumes that all equipment is in good condition and in working order prior to the contractor’s removal operation. Prior to removal, inspect and provide a list of any damaged or non-working traffic signal equipment to the engineer. Any equipment not identified as damaged or not working, prior to removal, will be replaced by the contractor at no cost to the department.

Remove the signal cabinet and base, all standards and poles per plan from their concrete footings and disassemble out of traffic. Remove the transformer bases from each pole. Remove the signal heads, mast arms, luminaires, wiring/cabling, and traffic signal mounting devices from each signal standard, arm or pole. Ensure that all access hand hole doors and all associated hardware remain intact. Dispose of the underground signal cable, internal wires and street lighting cable off the state right-of-way. Deliver the removed materials the City of Waupaca Street Department located at 319 S. Oborn Street, Waupaca, WI 54981. Contact the city’s Public Works Department at (715) 258-4421 at least five working days prior to equipment delivery to coordinate logistics.

D Measurement

The department will measure Removing Traffic Signals (Location) as a single lump sum unit of work for each intersection, acceptably completed.

E Payment

Add the following to standard spec 204.5:

ITEM NUMBER	DESCRIPTION	UNIT
204.9105.S.01	Removing Traffic Signals Main Street & Badger Street	LS
204.9105.S.02	Removing Traffic Signals Main Street & Fulton Street	LS

Payment is full compensation for removing and disassembling traffic signals; for scrapping of some materials; for disposing of scrap material; and for delivering the requested materials to the City of Waupaca Street Department.

17. Base Aggregate Dense.

Revise standard spec table 301-2 to increase the fracture to be minimum of two face by count.
ncr-305-005 (20150908)

18. Coloring Custom Concrete, Item 405.0200.

Add the following to standard spec 405.2.1:

Integrally colored concrete shall be Butterfield Color “Uni-mix” color: U25 – Santa Fe Buff; Solomon Colors “Dry Integral Color”: Color 238 Doeskin; or Scofield “Chromix” color C-15 Coachella Sand.

19. Protecting Concrete.

Add the following to standard spec 415.3.14:

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

The cost for providing the finisher(s), necessary equipment, and materials shall be considered incidental to the contract unit price for each concrete item.

ncr-415-005 (20141015)

20. Concrete Driveway.

Add the following to standard spec 416.3.2:

Contraction joints, if necessary, are required to be sawed. Saw contraction joints at least one-third the depth of the concrete driveway and approximately 1/8 inch wide. Perform the sawing as soon as possible after the concrete sets sufficiently to prevent raveling during sawing and before shrinkage cracking occurs.

ncr-416-005 (20141015)

21. Concrete Pavement Joint Layout, Item 415.5110.S.

A Description

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

B (Vacant)

C Construction

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

D Measurement

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

E Payment

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

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

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

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

stp-415-020 (20170615)

22. Concrete Curb and Curb and Gutter.

Replace standard spec 601.3.4 (5) with the following:

Form contraction joints by sawing an induced plane of weakness at least 2 inches deep in the curb, gutter, or curb and gutter directly opposite all construction or contraction joints in adjoining concrete pavement and at the required spacing in curb, gutter, or curb and gutter adjoining asphaltic pavement. Space all joints between 6 feet and approximately 20 feet apart, as the engineer directs.

ncr-601-005 (20141015)

23. Concrete Sidewalk.

Replace standard spec 602.3.2.5(2) with the following:

Contraction joints shall be sawed at 6-foot intervals.

ncr-602-005 (20141015)

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.

stp-611-006 (20151210)

25. Insulation Board Polystyrene, 2-Inch, Item 612.0902.S.

A Description

This special provision describes furnishing and placing polystyrene insulation board as the plans show.

B Materials

Provide polystyrene insulation board that conforms to the requirements for Extruded Insulation Board, AASHTO Designation M230 as modified in this special provision.

Delete flammability requirement.

B.1 Certification

Before installation, obtain from the manufacturer a certification indicating compliance and furnish it to the engineer.

C (Vacant)

D Measurement

The department will measure Insulation Board Polystyrene 2-Inch by area in square yards of work, completed and accepted.

E Payment

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

ITEM NUMBER	DESCRIPTION	UNIT
612.0902.S	Insulation Board Polystyrene 2-Inch	SY

Payment is full compensation for all excavation; and for furnishing and placing the insulation board.

stp-612-005 (20030820)

26. Seeding.

Replace standard spec 630.3.3(1) with the following:

Sow seeds by method A only.

ncr-630-005 (20141015)

27. Seeding Temporary.

Add the following to standard spec 630.3.3:

Apply Seeding Temporary separately from the application of other seed mixtures to ensure uniform application rates due to the varying seed sizes.

ncr-630-010 (20141015)

28. Furnishing and Planting Plant Materials

Add the following to standard spec 632.2.3.1:

Compost must be well composted, stable, and weed-free organic matter, pH range of 5.5 to 8, moisture content of 35 to 55 percent by weight, 100 percent passing through 1- inch sieve.

Replace standard spec 632.2.3.4 Planting Mixture with the following:

The planting mixture consists of a uniform mix, free of plant residue, stones, stumps roots or similar objects larger than 1 inch. Mixture of Topsoil, organic compost and sand consisting of the following:

1. 15 percent by volume organic compost
2. 15 percent by volume sand
3. 70 percent by volume Topsoil

Replace standard spec 632.2.6 Mulch with the following:

Organic mulch, free from deleterious materials and suitable as a top dressing of trees, shrubs, perennials, and plant plugs, consisting of double shredded hardwood mulch up to 3 in. in length, chocolate brown/dark brown color.

29. Landscape Planting Surveillance and Care Cycles, Item 632.9101.

If the care specialist fails to perform any of the required care cycles as specified in standard spec 632.3.19.1, the department will assess daily damages in the amount of \$1000 to cover the cost of performing the work with other forces. The department will assess these damages for each day the requirements of the care cycle remain incomplete, except when the engineer extends the required time period.

stp-632-005 (20070510)

30. Field Facilities.

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)

Add the following to standard spec 642.3:

Set up the field office within seven days after notice from the engineer.

Provide a parking area large enough to park a minimum of six cars directly adjacent to the field office. The parking area and approach to the field office shall be well drained and consist of a crushed base aggregate or an existing paved surface and shall be ready for use within seven days after the field office is set up.

ncr-642-005 (20160406)

31. 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 ^[1]	≤12
No. 16 ^[1]	≤12
No. 30 ^{[1] [2]}	4-20
No. 50 ^[2]	4-20
No. 100 ^[2]	≤10
No. 200 ^[2]	≤ 5.0

- [1] Minimum of 15% retained on the sum of the #8, #16, and #30 sieves.
 [2] Conform to 24-34% retained of fine sand on the #30-200 sieves.

TABLE 2 JMF WORKING RANGE

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

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

Replace standard spec 710.5.6 with the following:

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

Take samples by one of the following sampling methods:

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

The department will take independent QV samples using the same sampling method the contractor uses for QC sampling. QV samples may be taken by the contractor's QC personnel if witnessed by the department's QV personnel. The department will split each QV sample and retain half for all dispute resolutions. If QV test results conform to the specification, the department will take no further action. If QV test results are nonconforming, add the QV to the QC test results as if it were an additional QC test.

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

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

TABLE 3 ALLOWABLE JMF ADJUSTMENTS

SIEVE SIZES	ALLOWABLE ADJUSTMENT (PERCENT)
≥ 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://wisconsindot.gov/Pages/doing-bus/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://wisconsindot.gov/Pages/doing-bus/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)

32. 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)

33. Crack and Damage Survey, Item 999.1500.S.

A Description

This special provision describes conducting a crack and damage survey of the residences and business located from Station 101+15 to Station 117+00.

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

B (Vacant)

C Construction

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

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

ID: _____
Building Location: _____
View looking: _____
Date: _____
Photographer: _____

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

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

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

D Measurement

The department will measure Crack and Damage Survey as single complete lump sum unit of work, acceptably completed.

E Payment

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

ITEM NUMBER	DESCRIPTION	UNIT
999.1500.S	Crack and Damage Survey	LS

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

stp-999-010 (20170615)

34. Inlet Covers Type H-D, Item SPV.0060.01.

A Description

This special provision describes furnishing and installing inlet covers according to the plan details, the pertinent requirements of standard spec 611 and as provided in this special provision.

B Materials

Provide an Inlet Cover Type H frame and grate with the curb box removed and replaced with a solid flat curb plate designed for heavy traffic loading as shown in the plan details.

C Construction

Construct according to standard spec 611.3.

D Measurement

The department will measure Inlet Covers Type H-D as each individual unit, acceptably completed.

E Payment

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

ITEM NUMBER	DESCRIPTION	UNIT
SPV.0060.01	Inlet Covers Type H-D	EACH

Payment is full compensation for providing covers, including frames, grates, curb plates and all other required materials and for installing and adjusting each cover.

35. Residential Manholes, Item SPV.0060.02.

A Description

This special provision describes furnishing all materials for constructing new private homeowner/business roof drains/basement sump pumps residential manholes.

B Materials

Use materials conforming to the requirements of the standard specifications for the class of material named and specified below.

- Heavy Duty Frame and Cover..... Section 653
- Concrete..... Section 501

B.1 4-Inch, 6-Inch, and 8-Inch PVC Schedule 40, Temporary Pipe Cap and 4-Inch, 6-Inch, and 8-Inch Saddle Tee.

Furnish 4-Inch, 6-Inch, and 8-Inch poly vinyl chloride pipe schedule 40 conforming to ASTM D1785 or ASTM D2665.

B.2 24-Inch PVC Schedule 40

Furnish 24-Inch poly vinyl chloride pipe schedule 40 conforming to ASTM D1785.

B.3 PVC Pipe Solvent and Cleaner

Furnish poly vinyl chloride pipe solvent and cleaner application conforming to ASTM D2855.

C Construction

Construct residential manhole as shown in the plans. All pipe joints for 6-inch or 8-Inch pipe shall be glued. Pipe joints for 24-Inch pipe shall have rubber gaskets.

D Measurement

The department will measure Residential Manholes as each individual residential manhole, acceptably completed.

E Payment

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

ITEM NUMBER	DESCRIPTION	UNIT
SPV.0060.02	Residential Manholes	EACH

Payment is full compensation for providing all materials, including PVC pipe, fittings, caps, elbows, saddle tees, PVC pipe solvent and cleaner, cover and rim, concrete, concrete collar, and mortar and incidentals; for all excavating, backfilling, disposing of surplus material, and for cleaning out and restoring the work site.

36. **Manholes 10-FT Diameter, Item SPV.0060.03; Inlets 5-FT Diameter, Item SPV.0060.04; Inlets 6-FT Diameter, Item SPV.0060.05.**

A Description

This work shall consist of constructing reinforced concrete manholes and inlets.

B Materials

The materials furnished and used in the work shall conform to standard spec 611.2.

C Construction

The construction methods employed in the work shall conform to standard spec 611.3.

D Measurement

The department will measure Manholes 10-FT Diameter, Inlets 5-FT Diameter and Inlets 6-FT Diameter as each individual manhole or inlet, acceptably completed.

E Payment

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

ITEM NUMBER	DESCRIPTION	UNIT
SPV.0060.03	Manholes 10-FT Diameter	EACH
SPV.0060.04	Inlets 5-FT Diameter	EACH
SPV.0060.05	Inlets 6-FT Diameter	EACH

Payment is full compensation for furnishing and assembling all materials; for forming and placing of concrete.

37. **Decorative Pavers, Item SPV.0060.06.**

A Description

This special provision describes providing, furnishing and installing decorative engraved granite pavers according to the pertinent plan details, as directed by the engineer and as hereinafter provided.

B Materials

Furnish decorative engraved 23"x23" granite pavers, joint sand, setting bed sand, subbase aggregate, and other incidental materials needed to install decorative pavers as shown on the plan drawings. All materials for this granite paver system shall be new stock, free from defects impairing strength, durability, and appearance.

Engraved Granite Pavers

Granite Paver: 23-inch x 23-inch face size dimensional natural granite with sawn edges— 4" thickness, thermal (flame) finish: Michels Stone color – Wausau Red, Coldspring Stone Color – Lac Du Bonnet, Gift Bricks Color – Canadian Mist, or approved equal. Only use stone that is produced according to ANSI/NSC 373 and ASTM C 615.

All granite shall be obtained from quarries having adequate capacity and facilities to meet the specified requirements. Fabrication shall be by a firm equipped to process the material promptly according to

specifications. Evidence to this effect shall be provided by the supplier if required by the Design Professional.

Sufficient samples of granite shall be submitted to the Design Professional through the General Contractor.

Each sample set shall include three 6" x 6" samples.

Sample set shall show anticipated range of color to be expected in the final installation. Natural variations in grain structure, inclusions or any other visual characteristic should also be included in the samples or depicted in an accompanying photograph. In addition, a dated photograph may be issued to illustrate current quarry conditions.

Approved sample sets and/or mock up photographs with meeting minutes shall establish the standard by which stonework will be judged

Engrave letters and designs onto granite face using sand blasting or laser engraving as shown on design drawings. Paint engraved surfaces with black lithochrome paint. Submit one full size 24" x 24" completed paver to the Design Professional through the General Contractor for review and approval.

TABLE 1: Granite Performance Requirements

ITEM	CRITERIA	QUANTITY	ASTM STANDARD
1	Modulus of Rupture	1,900 PSI	Per ASTM C99
2	Compressive Strength	17,622 PSI	Per ASTM C 170
3	Flexural Strength	3,141 IN.LB.	Per ASTM C880
4	Absorption	0.647%	Per ASTM C97
5	Density	160 LBS/CU.FT.	Per ASTM C97
6	Static Coefficient of Friction	0.62 IN.LB.	Per ASTM C1028
7	Abrasion Resistance	70.92 IN.LB	Per ASTM C241

Joint Sand

Provide polymeric jointing sand, JS-2: Techniseal "HP" Polymeric Jointing Sand, Grey Color, or approved equal. Do not use limestone screenings, stone dust, or sand that does not conform to the grading requirements of ASTM C 33.

Setting Bed Sand

Provide sound, sharp, washed, clean, non-plastic natural sand complying with gradation requirements in ASTM C 33 for fine aggregate. Sand must be free from deleterious or foreign matter, symmetrically shaped, natural or manufactured from crushed rock. Do not use limestone screenings, stone dust, mason sand, or sand material that does not conform to the grading requirements of ASTM C33. Do not use mason sand or sand conforming to ASTM C 144.

ASTM C 33	
Sieve Size	Percent Passing
3/8in (9.5 mm)	100
No. 4 (4.75mm)	95 to 100
No. 8 (2.36 mm)	85 to 100
No. 16 (1.18 mm)	50 to 85
No. 30 (600 um)	25 to 60
No. 50 (300 um)	10 to 30
No. 100 (150 um)	2 to 10
No. 200 (75 um)	0 to 1

Base Aggregate

Provide Dense Graded Base Aggregate to match 5" concrete sidewalk and decorative concrete base.

C Construction

Deliver material to the site in an undamaged condition. Upon receipt at the job site, all materials shall be thoroughly inspected to ensure that no damage occurred during shipping or handling and condition of materials is in conformance with these specifications. Stockpile Setting Bed Sand, and Base such that they are free from standing water, uniformly graded, free of any organic material or sediment, debris, and ready for placement. Keep area where pavers are to be constructed free from sediment during entire job. Should materials become contaminated with sediment, remove and replace with clean materials.

Prepare adjacent concrete pavement by chiseling or sawcutting off any concrete spurs or imperfections caused during concrete pour. All concrete material within the 24 inch x 24 inch setting bed area should be removed prior to paver installation.

Compact soil subgrade uniformly to at least 95 percent of Standard Proctor Density per ASTM 698. Provide 6 inches Subbase, compact to 95 percent Standard Proctor Density as per ASTM D 698 to prevent infiltration of the bedding sand into the base both during construction.

Provide and spread Setting Sand Bed evenly over the Base Aggregate course and screed to a nominal thickness of 1 inch.

Use full units without cutting. Vibrate Granite Pavers into leveling course with a low-amplitude plate vibrator. Conduct at least three passes. Remove any cracked or structurally damaged Granite Pavers and replace with new units prior to installing Joint Sand material.

Provide Polymeric Joint Sand:

Verify that pavers are completely dry.

Spread Polymeric sand and fill joints completely.

Sweep surface clean of sand prior to compaction to avoid staining.

Compact pavers and add more sand, if necessary, until joints are completely filled to a minimum depth of 1.25 inches. This will require at least 4 passes with a plate compactor

Remove excess material and verify that final elevations match adjacent concrete pavement elevations.

Polymeric Sand Wetting: Perform wetting in three or more applications of water. Do not flood pavement or generate runoff. Perform the first application of water in a fine mist; do not displace sand. Wait 5 to 10 minutes. For subsequent applications of water, dampen the surface in 5 to 10 minute intervals to gradually soak joints to a complete depth. Spot check joints by emptying sand to the bottom of a joint. Allow joints to dry at least 24 hours before allowing traffic on pavers. If there is a risk of rain within 24 hours, protect pavement with a waterproof cover.

D Measurement

The department will measure Decorative Pavers 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.0060.06	Decorative Pavers	EACH

Payment is full compensation for all excavation, grading, shaping and compacting: and for furnishing and installing engraved granite pavers, base, setting sand bed, and joint sand necessary to install decorative pavers at the locations indicated on the plan drawings, including any touch-up and repairs.

38. Sanitary Sewer Manhole 4-FT Diameter w/Casting, Item SPV.0060.07; Sanitary Sewer Manhole 5-FT Diameter w/Casting and Outside Drop, Item SPV.0060.08.

A Description

This special provision describes furnishing and installing new sanitary sewer manholes, castings and connecting to sanitary sewer pipe, all as shown on the plans according to standard spec 611 and as provided by these specifications.

B Materials

Precast concrete riser sections and appurtenant units (top and base slab, special sections, etc.) used in the construction of manholes will conform to the requirements of ASTM C 478, subject to the following provisions.

Joints of riser sections are to be tongue and groove with gasketed joints. Top cone shall be eccentric. Inlet and outlet pipes will be joined to the structure with flexible, watertight rubber boot arrangement that allows differential settlement of the pipe and manhole to take place. Connecting pipes to structures with grouting only is not acceptable.

Base sections of all structures will consist of monolithic base and bottom section of barrel. No joints will be allowed between base and bottom of barrel.

Provide 12 inches wide step according to the following: Cast aluminum by Modern Metals Foundry (A-12), polypropylene coated steel by M.A. Industries, Inc., or approved equal.

Sewer castings for sewer structures such as manhole frames and covers will conform to the requirements of ASTM A48 (gray iron castings). Lid-to-frame surfaces on round casting assemblies will be machine milled to provide true bearing around the entire circumference.

Manhole castings shall be Neenah R-1642 with non-rocking lids and 2 concealed pick holes, or approved equal.

C Construction

Construct sanitary manholes according to plan details and elevations.

Provide trench excavation, foundations, and backfill according to the requirements as described under the item for sanitary sewer. Place precast manhole base on compacted granular subgrade.

All trench excavation and backfilling, backfill material, compaction, and minor dewatering shall be considered incidental.

Connect to sanitary sewer pipes. Any required coupling adaptors required will be included.

Locate steps within 1 inch of vertical alignment and within 1 inch of required vertical spacing. Maximum allowable deviation from staked and plan location is within 0.30 feet horizontal and 0.03 feet vertical.

Provide adjusting rings according to plan details to establish required casting elevations. Set lowest adjusting ring on a full mortar bed for leveling after dry stacking rings to check proper grade. Adjust new sanitary sewer manhole castings to final grade between paving lifts according to manhole adjustment item.

Fully encase the outside drop pipe in concrete as shown on construction details.

Remove all dirt and foreign material from the structure interiors.

D Measurement

The department will measure Sanitary Sewer Manhole of each size as a unit complete in place up to a maximum of 8.0 feet depth measured from top of casting to invert, acceptably completed. Depths over 8.0 feet will be measured under the item of Sanitary Manhole Excess Depth size.

E Payment

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

ITEM NUMBER	DESCRIPTION	UNIT
SPV.0060.07	Sanitary Sewer Manhole 4-FT Diameter w/Casting	EACH
SPV.0060.08	Sanitary Sewer Manhole 5-FT Diameter w/Casting and Outside Drop	EACH

Payment is full compensation for all materials, casting, labor, tools, equipment, and incidentals necessary to complete the work.

39. **Connect to Existing Sanitary Sewer Main, Item SPV.0060.09;
 Connect to Existing Sanitary Sewer Manhole, Item SPV.0060.10;
 Connect to Existing Sanitary Force Main, Item SPV.0060.11;
 Connect to Existing Sanitary Temporary Manhole Connection, Item SPV.0060.12;
 Connect to Existing Sanitary Sewer Service, Item SPV.0060.13.**

A Description

This special provision describes connecting existing sanitary sewers, manholes, force main, services, to new sanitary sewers or manholes, or at temporary connections required to maintain service to customers at the locations shown on the plans and provided for by these specifications.

B Materials

Provide materials consistent with Item Sanitary Sewer and all appropriate fittings and adaptors.

C Construction

Maintain flow in sanitary sewers on a continuous basis while construction is underway. Plug sewers when required with inflatable plug and provide pumps, portable generators, hose, and related items to maintain flow during construction activities. When connecting a new sewer pipe to an existing sewer pipe, cut the ends of the existing sanitary sewer and connect to new sewer with pipe coupling adapters made specifically for such reconnections. Explore all other options to try to avoid placing a rubber fernco under the street. Keep a record of all such connections, locations, and materials used.

When connecting to an existing sanitary manhole core drill the appropriate size hole for the required manhole boot. Install the manhole boot and required pipe to the manhole. Connection will include using mortar to fill an existing sanitary opening in the manhole if required and to remove, form, and install a new flowline in the sanitary manhole if required.

When connecting to an existing force main cut the existing pipe where required to install the proposed force main. Connection includes all fittings, solvent weld, or other materials and labor to satisfactorily complete the connection. Coordinate connection with the city to complete during low flow periods and in a time frame that allows installation before the lift station is required to pump again.

When connecting to existing temporary sanitary manhole connection install the temporary manhole as required to maintain service during construction. Includes all connections to the existing and temporary sanitary sewer main at the temporary location and removal once proposed installations are in service.

When connecting to a service, remove the existing service line to the limits shown in the plans or to a location approved by the municipality. Cut the end of the existing pipe and make sure the existing service line is free and clear of debris. Connect to the new Sanitary Sewer Service line with a fernco. Install tracer wire from main to connection point and bring tracer wire to the surface at the connection point in cathodic test box.

When connecting an existing sanitary sewer to a new manhole, cut or extend existing pipe to fit into new manhole. Fit pipe with a watertight rubber gasket that is mortared into the manhole. Mortar will conform to standard spec 519.2.4. All fittings and masonry work will be supplied by the contractor.

D Measurement

The department will measure Connect to Existing Sanitary (item) as a unit, regardless of size, or pipe material, complete in place.

E Payment

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

ITEM NUMBER	DESCRIPTION	UNIT
SPV.0060.09	Connect to Existing Sanitary Sewer Main	EACH
SPV.0060.10	Connect to Existing Sanitary Sewer Manhole	EACH
SPV.0060.11	Connect to Existing Sanitary Force Main	EACH
SPV.0060.12	Connect to Existing Sanitary Temporary Manhole Connection	EACH
SPV.0060.13	Connect to Existing Sanitary Sewer Service	EACH

Payment is full compensation for all labor, tools, materials, equipment, bypass pumping, and incidentals necessary to complete the work.

40. Sanitary Sewer Wye, 10-inch x 6-inch, Item SPV.0060.14.

A Description

This special provision describes furnishing and installing new sanitary sewer sanitary service wye for connection between sewer main and sewer service pipe all as shown on the plans and provided by these specifications.

B Materials

Service wyes shall conform to materials specifications for adjacent pipe components. Provide fittings and pipe of each material type from the same manufacturer.

C Construction

The location and size of sanitary sewer services as shown on the plans are approximate. Actual locations and size may vary from what is shown.

Installation of pipe shall conform to ASTM D 2321. There shall be no mixing of different manufacturer's pipe or fittings on a project. Compact haunching area to specified density required by ASTM D2321.

Pipes shall be fitted together and matched so when laid they will form a sewer with a smooth and uniform invert.

Install gaskets and forms according to manufacturer's recommendations for use of lubricants, cements, and other special installation requirements.

Trench Excavation Requirements shall conform to specifications listed within Sanitary Sewer special provisions.

All trench excavation and backfilling, including backfill material, compaction, and dewatering shall be considered incidental. All work shall be done by open trench excavation.

Record the location, size, length, and number of bends on services on a record drawing. Measure service locations from the closest downstream manhole. Submit sanitary record drawings to the engineer and Utility upon completion of the sanitary portion of the project.

Reconnect services to the existing sewer and adjusting service without damage to the pipe. Proper watertight joints must be made.

D Measurement

The department will measure Sanitary Sewer Service Wye of each size as a unit, complete in place.

E Payment

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

ITEM NUMBER	DESCRIPTION	UNIT
SPV.0060.14	Sanitary Sewer Service Wye, 10-inch by 6-inch	EACH

Payment is full compensation for all materials, labor, tools, equipment, and incidentals necessary to complete the work.

41. Exploratory Excavation, Item SPV.0060.15.

A Description

This special provision describes potholing to uncover sanitary or water mains or service lines for the purpose of determining elevation and potential conflicts between the proposed storm sewer pipe or sanitary sewer pipe as called out on the plan and as directed by the engineer. This item is also used to determine utility horizontal locations if required.

B (Vacant)

C Construction

Pothole each sanitary or water line in a manner that it is not damaged and the safety of the workers is not compromised. The potholing will be performed as soon as possible and at least 10 days in advance of proposed storm sewer construction to allow any conflicts to be resolved with minimal disruption. Any damage to a sanitary, water, or storm sewer line during excavation shall be repaired to maintain service as part of this item.

Potholing will include an excavation sufficient locate the intended utility. Coordinate all potholing with the engineer and city with a minimum of 3 working day notice prior to the work so they can be present when the work is completed.

D Measurement

The department will measure Exploratory Excavation as each individual opening, 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.0060.15	Exploratory Excavation	EACH

Payment is full compensation for furnishing, hauling and placing of all materials; excavation, backfilling and disposing of excess material, repairing any damaged utility lines, and for adjusting construction operations if adjustments to the sanitary sewer line are found necessary.

42. Reconstruct Sanitary Manhole, Item SPV.0060.16.

A Description

This special provision describes reconstructing sanitary manholes made of concrete, brick masonry, or concrete brick or block masonry, with necessary reinforcement, metal frames, grates and lids, including required excavation and backfilling.

B Materials

Furnish materials meeting the requirements of standard spec 611.

C Construction

If the plans show and the contract provides, reconstruct existing manholes to the required lines and elevations the plans show, including the salvaging and resetting of existing covers, adjusting of the casting elevation unless the contract provides for new covers or other salvaged covers. Remove and adjust the existing flowline if required on the plans.

Use construction methods conforming to the requirements set forth above for the classes of work involved.

D Measurement

The department will measure Reconstruct Sanitary Manhole as each individual unit, acceptably completed.

E Payment

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

ITEM NUMBER	DESCRIPTION	UNIT
SPV.0060.16	Reconstruct Sanitary Manhole	EACH

Payment is full compensation for providing required materials, including masonry and fittings; blocks or bricks, for salvaging and reinstalling existing covers, including frames, grates, adjusting rings, or lids; for necessary excavation, backfilling, and for cleaning out and restoring the site.

43. Coal Chute/Window Wall Repair, Item SPV.0060.17.

A Description

This special provision describes sealing and blocking existing coal chutes and window wells found on various buildings along Main Street.

B Materials

Furnish concrete materials meeting the general use incidental construction requirements of standard spec 501, uncoated bar steel reinforcement meeting the requirements of standard spec 505 and backfill meeting the requirements of standard spec 209. Provide 12-inch Concrete Masonry Unit (CMU) concrete blocks and mortar for joints and inside blocks.

C Construction

Coordinate with building owner and city to gain access to building basement. Confirm locations of coal chutes/window openings that are on the Main Street side of the basement and in the project limits. Excavate to a depth 2-feet below the opening to be repaired. Avoid damage to existing opening and building during excavation. Grade bottom of excavation to be level and form repair footing. Place horizontal reinforcement and concrete as shown on the plans. Install vertical reinforcement in footing to tie blocks to footing.

Once footing has cured enough to allow placement of blocks without distortion of footing surface, install concrete blocks, reinforcement, and bond beam as shown on the plans. Seal the entire outside of the repair with bentonite or city approved sealant.

Backfill excavation with granular backfill grade 2. Compact according to standard spec 206.3.13.1.

D Measurement

The department will measure Coal Chute/Window Wall Repair as each individual unit, acceptably completed.

E Payment

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

ITEM NUMBER	DESCRIPTION	UNIT
SPV.0060.17	Coal Chute/Window Wall Repair	EACH

Payment is full compensation for providing required labor and materials, including masonry and reinforcement; blocks, bentonite or other approved sealant; for necessary excavation, backfilling, and for cleaning out and restoring the site.

**44. Remove Existing Gate Valve and Box, Item SPV.0060.18;
Remove Existing Hydrant and Lead, Item SPV.0060.19.**

A Description

This special provision describes removing existing gate valves, boxes, hydrants, and lead piping at locations shown on the plans and hereinafter provided.

B (Vacant)

C Construction

Remove existing water system features according to Chapter 4.8.0, Wisconsin Water and Sewer Specifications and plan details. Remove features at locations shown on plan sheets and locations required to install new system appurtenances. All removed valves and hydrants shall become property of the city. Contact the city Public Works Department to coordinate.

Where hydrant leads and valves have been removed, seal the existing water main pipe at that location.

Backfill excavation with granular backfill grade 2. Compact according to standard spec 206.3.13.1.

D Measurement

The department will measure Remove Existing Gate Valve and Box and Remove Existing Hydrant and Lead as each individual unit, acceptably completed.

E Payment

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

ITEM NUMBER	DESCRIPTION	UNIT
SPV.0060.18	Remove Existing Gate Valve and Box	EACH
SPV.0060.19	Remove Existing Hydrant and Lead	EACH

Payment is full compensation for removing water system feature and pipes; removing and transporting used valves and hydrants, leads, and fittings to the city's Public Works department building; sealing existing water pipes; excavation and backfilling material, compacting, and for properly disposing of materials not wanted by the city.

**45. Cut Into and Connect to Existing Water Main, Item SPV.0060.20;
Connect to Existing Water Main, Item SPV.0060.21.**

A Description

This special provision describes cutting into and connecting new water main to existing water main as shown on the plans and as provided by these specifications.

B Materials

Use materials consistent with Water Main and Water Main Fittings sections of these special provisions. Seal pipes with materials required in the State of Wisconsin Standard Specifications 2021 Edition.

C Construction

Connecting to Existing Water Main will conform to industry standards. Only representatives of the owner are permitted to operate valves on existing system. The contractor will give the owner at least 72-hour notice when it is necessary to take an existing water main out of service.

Disinfect all connection materials with a 50 parts per million chlorine solution.

Disruption of water service will be during a low usage period or when it is the least inconvenient to the user. The contractor will have all proper materials and equipment immediately on hand when a water main is taken out of service for connection.

Seal all existing water main pipe left in place as described and required in standard spec 204.3.3.2.

Sealing the pipe no longer in service that will be left in place shall be included in this item

D Measurement

The department will measure Cut Into and Connect to Existing Water Main and Connect to Existing Water Main as a unit per each, regardless of size

E Payment

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

ITEM NUMBER	DESCRIPTION	UNIT
SPV.0060.20	Cut Into and Connect to Existing Water Main	EACH
SPV.0060.21	Connect to Existing Water Main	EACH

Payment is full compensation for cutting existing water main, removing any plugs or pipe, connecting to existing water main, furnishing and placing all materials, including any required connecting sleeves and fittings; sealing any existing pipe left in place, and for all tools, labor, equipment, and incidentals necessary to complete the work.

46. Lower Water Main, Item SPV.0060.22.

A Description

This special provision describes lowering a new water main to depths below the typical 8 feet below finished grade and installing all fittings necessary for the installation. This is done to allow installation below sanitary sewer or storm sewer facilities as shown on the plans and as provided by these specifications. Lowering the existing water main using deflection and maintaining an installation depth greater than 8 feet to avoid sanitary or storm conflicts shall be considered incidental to the Water Main item being installed and shall be the preferred method to avoid sanitary sewer services.

B Materials

Use materials consistent with Water Main and Water Main Fittings sections of these special provisions and the details shown in the plans. Encase with polyethylene sheeting that meets AWWA C105, is 8 mil thick, is class "C" black, type I, and grade E-1.

C Construction

Cut the new water main at a location that allows for 45 degree bends to be installed and the water main pipe meet the 18-inch minimum vertical clearance requirement from edge of water main pipe to edge of storm sewer or sanitary sewer pipe. Lower water main as shown on the plans and provided in these specifications. Install water main according to Chapter 4, Wisconsin Water and Sewer Specifications, with the exception that lead joints are not allowed.

D Measurement

The department will measure Lower Water Main as a unit per each, regardless of size. The department will measure water main pipe under separate bid items.

E Payment

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

ITEM NUMBER	DESCRIPTION	UNIT
SPV.0060.22	Lower Water Main	EACH

Payment is full compensation for lowering water main, cutting pipe, providing and installing fittings and insulation, excavation, backfilling, compaction, polyethylene sheeting, and all other incidentals necessary to complete the work. Payment under this bid item does not include compensation for water main pipe which will be paid for as a separate bid item.

47. Gate Valve and Box 6-inch, Item SPV.0060.23; Gate Valve and Box 8-inch, Item SPV.0060.24; Gate Valve and Box 12-inch, Item SPV.0060.25.

A Description

This work shall consist of furnishing and installing water main gate valves and valve boxes.

B Materials

Gate valves are to be resilient-seated valves meeting the requirements of A.W.W.A. Standard C515 and shall be designed for 200 psi working pressure. The gate valves are to have mechanical joint end, with ASTM F593 and F594 type 304 stainless steel bolts and nuts. Stem to be non-rising operating stem with "O" ring seals, and a 2 inch square operating nut, that opens left (counterclockwise). An open indicating arrow, the manufacturer's name, pressure rating, size, and year of manufacture are to be cast on the body of the valve. Encase with polyethylene sheeting that meets AWWA C105, is 8 mil thick, is class "C" black, type I, and grade E-1.

All valves are to be provided with vertical valve boxes, Buffalo type, with lid marked "WATER." Valve boxes are to be cast iron, 5-1/4-inch diameter shaft and adjustable. Valve boxes are to be provided with 8 feet of cover, except where greater depths are indicated on the profiles of the plans. Valve boxes are to be at least three pieces with sufficient adjustment to provide at least 6 inches of adjustment above and below grade. Install all extension sections in the middle of the box and not stacked on top.

Provide gate valve adapter with 1/2 inch rubber gasket installed between gate valve and gate valve adapter. The gate valve adapter shall be installed on the valve prior to placing bonnet section of valve box assembly, as manufactured by Adapter, Inc., or approved equal.

C Construction

Set valves with stems vertical and plumb on subgrade material adequate to support valve assembly. Place concrete block under valve and firmly support valve boxes and maintain them center and plumb over the wrench nut of the valve utilizing adaptor. Verify that box remains plumb and centered during backfill, with box cover adjusted to the final surface or at such other level as may be directed. See detail in plans.

D Measurement

The department will measure Gate Valve and Box (size) as each individual valve, acceptably completed.

E Payment

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

ITEM NUMBER	DESCRIPTION	UNIT
SPV.0060.23	Gate Valve and Box 6-inch	EACH
SPV.0060.24	Gate Valve and Box 8-inch	EACH
SPV.0060.25	Gate Valve and Box 12-inch	EACH

Payment is full compensation for excavating, backfilling, dewatering, sheeting, polyethylene sheeting, shoring, for furnishing and installing gate valves, adjusting valve box height, for furnishing and installing bolts, nuts, and gaskets.

48. Hydrant 8.5-FT Bury Depth, Item SPV.0060.26.

A Description

This special provision describes furnishing and installing new fire hydrant, connecting couplings, crushed rock, polyethylene sheeting, concrete base, and blocking, all as shown on the plans and as provided by these specifications. Hydrant to have minimum 8 feet of cover to the top of the service pipe as shown on the plans.

B Materials

Fire hydrants are to meet the requirements of AWWA Standard C502. Hydrants shall be Clow Medallion only. The hydrants shall have two 2½ inch hose connections and one 4.5 inch pumper connection with national standard threads and caps and chains. Hydrants shall have a 16-inch traffic breakoff. Hydrants shall open left and be provided with a drain to operate only when the hydrant is closed. Hydrants will have a 6 inch mechanical joint hub with ASTM F593 and F594 type 304 stainless steel bolts and nuts, dry barrel with minimum 5 ¼-inch valve, an “O” ring stem seal, and pentagon nut type nozzle cups complete with chains, and have 8.5 feet of cover above the top of the hydrant lead pipe to finished surrounding surface. Hydrants shall be painted red and include permanent markings with manufacturer’s name, year of manufacture, and bury depth. Hydrants shall have minimum 250 psi working pressure and red in color. Hose nipples shall be bronze or non-corrosive. Operating stem nuts shall be 1 ½-inches, from point to opposite flat and pentagon shaped. Encase with polyethylene sheeting that meets AWWA C105, is 8 mil thick, is class “C” black, type I, and grade E-1.

Cathodic test box shall have a cast iron rim and lid with terminal blocks, 2.5-inch shaft diameter, and a minimum 24” long ABS plastic body and flared base. Lid shall say water.

C Construction

Locate fire hydrants as directed by the engineer and place as shown on the details of the plans. Verify that subgrade material is adequate to support hydrant and place thrust block according to drawing details. Install and maintain hydrant in a plumb position with a block under the base. After each hydrant has been set, place around the base of the hydrant 1 cubic yard of 1 ½-inch washed rock. Place two layers of 10 mil polyethylene over the rock to prevent backfill material from entering voids in the rock. Disinfect and test hydrants in conjunction with and as part of the mainline disinfection and testing process. Install tracer wire up side of hydrant and into cathodic test box. Cathodic test box shall be connected to the barrel of the hydrant and have the tracer wire connected to the terminal with a minimum of 1 foot of slack in the tracer wire inside the ABS plastic body. See detail in plans.

Plug hydrant drain hole if hydrant is located where the groundwater is less than 8 feet. Also label hydrant with tag stating “Pump After Use.”

D Measurement

The department will measure Hydrant 8.5-FT Bury Depth as a single unit at each location, complete in place.

E Payment

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

ITEM NUMBER	DESCRIPTION	UNIT
SPV.0060.26	Hydrant 8.5-ft Bury Depth	EACH

Payment is full compensation for furnishing and placing all materials, including hydrant, crushed rock and concrete base, polyethylene sheeting, and cathodic test box

49. Connect to Existing Water Service, Item SPV.0060.27.

A Description

This special provision describes connecting to existing water services as shown on the plans and hereinafter provided.

B Materials

Use materials consistent with Water Main and Water Main Fittings sections of these special provisions and the details shown in the plans. Reducers or adaptors from various pipe materials and sizes may be required to connect to existing water services. Encase with polyethylene sheeting that meets AWWA C105, is 8 mil thick, is class "C" black, type I, and grade E-1.

C Construction

Follow the requirements of Chapter 5 of Wisconsin Water and Sewer Specifications. Make connections to existing services with compression fittings. Use of appropriate fittings, couplings, and adaptors to make service connections is incidental to the connection. At locations where new curb stops are being connected to existing services, remove old curb box and properly dispose of it. Removal and disposal are incidental to the connection.

D Measurement

The department will measure Connect to Existing Water Service as a unit per each, regardless of size, 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.0060.27	Connect to Existing Water Service	EACH

Payment is full compensation for furnishing and placing all materials including fittings, adaptors, polyethylene sheeting, and other items required for a complete installation.

50. Corporation Stop 1-inch, Item SPV.0060.28.

A Description

This special provision describes furnishing and installing water service corporation stops all as shown on the plans, as further directed by the engineer in the field and as provided by these specifications.

B Materials

Corporation stops are to be manufactured according to AWWA C-800 and ASTM B-62. Corporation stops are to be ball valve type with double O-ring seals. Outlet shall have compression connection with stiffeners for polyethylene tubing and manufactured by Mueller, Ford, A.Y. McDonald, or approved equal. Encase with polyethylene sheeting that meets AWWA C105, is 8 mil thick, is class "C" black, type I, and grade E-1.

C Construction

Place a double wrap of Teflon tape on the corporation stop threads prior to installation in the main. Install corporation stops in the upper quadrant of the pipe. Provide watertight connection with approved tapping machine and install under main pressure.

Disinfect each corporation stop by immersing it into a 50 parts per million chlorine solution.

The contractor will record the location and size of each corporation stop on a record drawing. Corporation stop locations are to be measured from the closest valve. Submit record drawings to the city upon completion of the water main portion of the project.

D Measurement

The department will measure Corporation Stop 1-inch by each unit, complete in place.

E Payment

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

ITEM NUMBER	DESCRIPTION	UNIT
SPV.0060.28	Corporation Stop, 1-Inch	EACH

Payment is full compensation for furnishing and placing all materials.

51. Curb Stop and Box 1-inch, Item SPV.0060.29.

A Description

This special provision describes furnishing and installing water service curb stop valves and boxes all as shown on the plans, as further directed by the engineer in the field and as provided for by these specifications.

B Materials

Curb stops shall conform to AWWA C800 and have Minneapolis pattern ball type valve with double O-ring sealers. Inlet and outlet shall have conductive compression connection with stiffeners for polyethylene tubing. Acceptable manufacturers include Ford, Mueller, A.Y. McDonald, or approved equal. Encase with polyethylene sheeting that meets AWWA C105, is 8 mil thick, is class "C" black, type I, and grade E-1.

Curb boxes will be Minneapolis pattern base, have minimum 1 ¼ inch inside diameter upper section, and be adjustable six inches up and down for 8.0 feet of cover. Bottom threads of curb box will match top threads of curb stop. Lid marked "WATER" with pentagon threaded brass plug. Provide a stainless steel shut-off rod extension for curb stop. The underside of the curb box cover shall have attachment for tracer wire.

C Construction

Locate curb stop and box as shown on the plans. Verify that subgrade material is adequate to support the curb box assembly and install boxes plumb and centered over the tee head. Encase curb box with polyethylene sheeting prior to backfilling. Backfill to avoid displacement or bending of the curb box.

Disinfect each curb stop by immersing it into a 50 parts per million chlorine solution.

Adjust box cover to the required grade and key all curb stops after backfilling to ensure proper location. Include cleaning the box top of all concrete splash. Install tracer wire as shown on plans.

D Measurement

The department will measure Curb Stop and Box 1-Inch by each unit, complete in place.

E Payment

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

ITEM NUMBER	DESCRIPTION	UNIT
SPV.0060.29	Curb Stop and Box 1-inch	EACH

Payment is full compensation for furnishing and placing all materials.

52. Concrete Bases Type Special, Item SPV.0060.30.

A Description

This special provision describes furnishing and installing a concrete light base as shown on the plans and as hereinafter provided.

B Materials

The concrete light base shall be constructed with materials and methods as specified in the details in the plan.

C Construction

The Concrete Bases Type Special shall be modified to have an anchor bolt circle, orientation, and anchor bolt size that will accommodate the pole manufacturer's requirements. Anchor bolt exposure shall accommodate the specified pole base requirements. Bar steel reinforcement shall be modified as necessary to accommodate new anchor bolt placement.

D Measurement

The department will measure Concrete Bases Type Special by each unit, acceptably completed.

E Payment

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

ITEM NUMBER	DESCRIPTION	UNIT
SPV.0060.30	Concrete Bases Type Special	EACH

Payment is full compensation for furnishing and installing all materials, including anchor bolts, conduit, hardware and fittings.

53. Concrete Control Cabinet Bases Type Special, Item SPV.0060.31.

A Description

This special provision describes furnishing and installing a concrete lighting control cabinet base as shown on the plans and as hereinafter provided.

B Materials

The concrete foundation shall be constructed with materials and methods as specified in the details in the plan.

C Construction

The Concrete Control Cabinet Base Type Special shall have an anchor bolt pattern, size, exposure, and orientation that will accommodate the lighting control cabinet identified in the details in the plan.

D Measurement

The department will measure Lighting Control Cabinet Bases Type Special by each unit, acceptably completed.

E Payment

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

ITEM NUMBER	DESCRIPTION	UNIT
SPV.0060.31	Concrete Control Cabinet Bases Type Special	EACH

Payment is full compensation for furnishing and installing all materials, including anchor bolts, conduit, ground rods, hardware and fittings; and for all labor, tools, equipment, incidentals, and coordination to complete the contract work.

54. Lighting Control Cabinet Type Special - Item SPV.0060.32.

A Description

This special provision describes furnishing and installing lighting control cabinets complete with components as shown in the plan details and as hereinafter provided.

B Materials

The cabinet shall be as detailed in the plans. Service conduit and conductors shall be furnished by the electric utility. Conduit, fittings and clamps shall be incidental to the project and installed as per details in the plans or required by the electric utility. Install meter socket as required by the electric utility.

C Construction

The cables shall be trained in straight horizontal and vertical directions and be parallel next to, and adjacent to other cables whenever possible using cable clamps attached with to mounting back-panel. All equipment shall be mounted to the back-panel in enclosures as required. Refer to the schematic for circuiting within the cabinet.

Install the cabinet on a concrete control cabinet base type special as detailed in the Details in the Plan. Cabinet interior shall be cleaned of all construction debris prior to final acceptance.

D Measurement

The department will measure Lighting Control Cabinet Type Special, accordance with the contract and accepted, as a complete and operational unit.

E Payment

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

ITEM NUMBER	DESCRIPTION	UNIT
SPV.0060.32	Lighting Control Cabinet Type Special	EACH

Payment is full compensation for furnishing and installing all materials, including lighting control cabinets, electrical components, wiring, hardware and fittings; and for coordination with and/or any payments to the electric utility.

55. Removing Lighting Control Cabinet - Item SPV.0060.33.

A Description

This special provision describes the removal of an existing lighting control cabinet to accommodate adjacent construction.

B (Vacant)

C Construction

Under the bid item Removing Lighting Control Cabinet, remove the complete lighting control cabinet internal wiring from the utility pole. Coordinate disconnection and removal with Wisconsin Public Service (WPS).

Removed lighting control cabinets shall become the property of the contractor.

D Measurement

The department will measure Remove Lighting Control Cabinet as each individual lighting control cabinet, 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.0060.33	Remove Lighting Control Cabinet	EACH

Payment is full compensation for removing materials.

56. Remove Bollard - Item SPV.0060.34.

A Description

This special provision describes the removal of an existing concrete bollard to accommodate adjacent construction.

B (Vacant)

C Construction

Under the bid item Remove Bollard, remove the complete concrete bollard from the project.

Removed bollards shall become the property of the contractor.

D Measurement

The department will measure Remove Bollard as each individual bollard, 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.0060.34	Remove Bollard	EACH

Payment is full compensation for removing materials, including bollard.

57. Lighting Unit Type Special - Item SPV.0060.35.

A Description

This special provision describes furnishing and installing lighting units complete with LED luminaires, poles, banner arms, flag pole holders, and 20-amp WR-rated GFI festoon receptacles with metallic in-use covers.

B Materials

Lighting Units to withstand the maximum loading applied by equipment as indicated in the detail drawings and Equipment Schedule located in the Plans. Apply design factors to these structures conforming to the latest AASHTO Standard Specifications for Structural Supports for Highway Signs, Luminaires and Traffic Signals, together with a wind pressure based on a wind velocity of 90 mph plus gust factor. Lighting poles, arms and luminaires shall be as shown in the Plan details and Equipment Schedule – no substitutions are allowed.

The luminaires shall be "UL" listed and equipped with an internal LED driver, surge protection, and 3000 Kelvin LED lamps.

The poles shall be equipped with a 20-amp WR-rated GFCI receptacle and include a weatherproof, metallic in-use cover mounted at a location indicated in the Plans.

All pole components and metallic in-use covers shall be factory finished black in color.

Furnish shop drawings as specified in 506.3.2. Ensure the drawings contain sufficient detail to allow satisfactory review and show the dimensions of all equipment shown in the plans.

Construct poles of materials having sufficient rigidity so that with all material installed and in place as the plans show, the centerline of the shaft appears vertical. If pole vibration is probable, it is the manufacturer's responsibility to include vibration dampers where necessary.

Provide a reinforced hand hole located near the bottom of the pole as per manufacturer's requirements. Provide a reinforced receptacle penetration.

All threaded equipment mounting hardware shall be stainless steel.

Provide a grounding lug complete with mounting hardware as required inside the pole. Provide access to the grounding lug from the hand hole. Mount the grounding lug by welding it directly opposite the hand hole on the inside wall of the pole.

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

Fuses shall be mounted in inline molded fuse connector/holders. The two-pole fuse holders for the 120-volt luminaires shall be a Bussman (Catalog. No. HEB-AW-RLC-A) or approved equal. The single-pole fuse holders for the 120-volt receptacles shall be a Bussman (Catalog. No. HEB-AW-RLC-A) or approved equal. Fuses shall be of the breakaway type.

C Construction

Under the bid items Lighting Unit Type Special, furnish and install poles, luminaires, and all necessary miscellaneous accessories and hardware to complete the installation of the poles as shown in the Plan Details and Equipment Schedule.

Three 1/c No. 12 stranded, type XHHW-2, wires shall be used to connect the luminaires and receptacles to their respective branch conductors in the pole base. Each luminaire shall be protected by two 4-amp fuses. Each GFCI receptacle shall be protected by one 15-amp fuse.

The fuses shall be mounted with the casing located at the level of the handhole. Provide sufficient excess conductor length to allow withdrawal of the connected fuse holder from the hand hole. The grounding wires shall not be fused. Fuses and fuse holders shall be "UL" listed and shall be installed in such a manner that the fuse stays with the load side when holder is separated. In addition, the contractor shall form loops in the leads on each side of the fuse holders and so position the fuse holders so that they may be easily removed or inserted through the access hole. The grounding conductor shall not be fused.

Install poles at locations specified in the plan details.

All threaded stainless steel hardware and dissimilar metal, threaded hardware shall be coated with an approved zinc-based anti-seize compound (Loctite or Jet-Lube) by the contractor.

After completing pole erection, ensure the centerline of the shaft is vertical.

The contractor shall follow manufacturer's instructions regarding luminaire and pole installation.

D Measurement

The department will measure Lighting Unit Type Special as each individual lighting unit, acceptably completed.

E Payment

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

ITEM NUMBER	DESCRIPTION	UNIT
SPV.0060.35	Lighting Unit Type Special	EACH

Payment is full compensation for furnishing and installing all materials, including poles, luminaires, receptacles, and all pole accessories, hardware and fittings necessary to install the lighting unit.

58. Receptacle Stanchion - Item SPV.0060.36.

A Description

This special provision describes furnishing and installing receptacle stanchions as shown in the Plan details and as hereinafter provided.

B Materials

The receptacle stanchions shall be fabricated as shown in the Plan details. The stanchion enclosure shall be fabricated of 3003 aluminum plate and shall be hard anodized Duranodic Black. Povolny Specialties Inc. is known to provide the fabrication and anodizing services necessary for these receptacle stanchions.

Receptacle stanchions shall be equipped with 20-amp WR-rated GFCI receptacle mounted within a deep metallic single-gang junction box and be equipped with weatherproof, lockable metallic in-use cover. The in-use cover, and single-gang box shall be black in color and have a minimum 3-year warranty against finish failure. Contractor shall mount the receptacle assembly to the anodized aluminum stanchion using stainless steel hardware.

Splicing shall be made within handholes using UL 486D Listed for direct-burial and submersible installations. Splicing hardware shall be insulated with high dielectric strength plastisol or polypropylene and crosslinked silicone rubber and silicone oil gel. Splicing hardware shall be abrasion and chemical resistant and be rated for cold temperatures to -40 degrees C, 1000V.

C Construction

The three conductors of the receptacle distribution circuits shall pass through each handhole as shown in the Plan wiring diagrams. The conductors shall be fused as previously noted. All splices must take place within the nearest handhole. Splices shall be performed per the manufacturer's recommendations.

The 120 VAC conductors to the pole receptacles shall be stranded, No. 12 AWG Type XHHW-2 and the conductors to the tree receptacles shall be standard No. 10 AWG Type XHHW-2 (unless otherwise noted on the Plans) and be alternately connected to the red or black conductor of the receptacle distribution circuit.

Excavate for direct embedded receptacle stanchions as required. Backfill and compact to the satisfaction of the engineer. Stanchions shall be plumb.

Conduit shall be routed directly behind the curb to avoid conflicts with proposed trees.

D Measurement

The department will measure Receptacle Stanchion as each individual stanchion, 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.0060.36	Receptacle Stanchion	EACH

Payment is full compensation for furnishing and installing all materials, including stanchions, receptacles, conduit, wiring, connections, junction boxes, in-use covers, fusing, hardware, accessories, fittings, excavation, backfill and compaction necessary to install the receptacle stanchions.

59. Water Main Fittings, Item SPV.0085.01.

A Description

This special provision describes furnishing and installing the necessary joint fittings as shown on the plans, as directed by the engineer in the field, and as provided by these specifications.

B Materials

The Water Main Fittings shall be AWWA C153, ANSI A21.53, cement-lined ductile iron fittings. Mechanical joints shall be according to ASTM F593 and F594 type 304 stainless steel bolts and nuts. Mechanical joint restraints shall be Megalug as provided by EBAA Iron Inc. only. Manufacturers to be US Pipe, Tyler, American, Clow, Star Pipe Products, or approved equal. Encase with polyethylene sheeting that meets AWWA C105, is 8 mil thick, is class "C" black, type I, and grade E-1.

C Construction

Water Main Fittings shall be mechanical type. Joint conductivity shall be provided by means of external copper jumpers across all fitting connections, including Megalugs. Each joint shall be capable of carrying 500 amps for an extended period. Tracer wire shall be used in lieu of copper jumpers is C900 water main is specified.

Anchorage of Bends, Tee's, Plugs, and Valves: Place concrete blocking at all plugs, bends, and tees and between the fitting and the undisturbed trench wall. Blocking shall be a minimum of 12 inches thick and the minimum area in square feet as follows:

		1/4	1/8	1/32
Tee Pipe	or Plug	Bend	Bend	Bend
	Sq Ft	Sq Ft	Sq Ft	Sq Ft
6"	2.9	3.1	1.6	0.8
8"	3.7	5.3	2.9	1.4
10"	5.7	8.1	4.4	2.2
12"	8.1	13.4	6.6	3.2
16"	15.1	21.4	11.6	5.9
20"	23.2	30.2	18.1	9.3
24"	33.6	48.5	26.1	13.3

Size blocking based on larger main at junctions. Ductile Iron Retainer Glands, Mega Lug Brand only, place on all fittings.

Place on joints of all dead ends 6 inches through 12 inches commencing with the branch fitting.

May be used on ductile iron pipe 6 inches through 12 inches in lieu of tie rods.

Place on all joints as indicated on the details shown on the plans, including typical fire hydrant installation, bed detail and typical gate valve and box installation.

D Measurement

The department will measure Water Main Fittings, in place, by the pound, as listed for Fittings 3" to 16" in ANSI/AWWA C153/A21.53.88. The weight of the fittings shall be without joint accessories.

E Payment

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

ITEM NUMBER	DESCRIPTION	UNIT
SPV.0085.01	Water Main Fittings	LB

Payment is full compensation for furnishing and placing all material.

60. Railing, Item SPV.0090.01.

A Description

This special provision describes providing pedestrian railing as shown on the plans, conforming to the appropriate subsections of standard spec 513, shop drawings and as hereinafter provided.

B Materials

Furnish steel alloy railing components and connection hardware conforming to the appropriate subsections of standard spec 513.1 and shop drawings.

Provide shop drawings to engineer for approval.

C Construction

Conform to the appropriate requirements of standard spec 513.3 and standard spec 654.3, plan details and shop drawings.

Prior to installation of the railing, install yellow construction caution tape to prevent use of the unprotected concrete steps. Install railing within seven calendar days of the concrete steps being constructed.

D Measurement

The department will measure Railing in length by the linear foot, acceptably completed.

E Payment

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

ITEM NUMBER	DESCRIPTION	UNIT
SPV.0090.01	Railing	LF

Payment is full compensation for providing and installing steel alloy railing, steel alloy base flanges, and masonry anchors and connections required for complete installation of the steel alloy railing.

61. Concrete Curb and Gutter 24-Inch Type D, Item SPV.0090.02.

A Description

This special provision describes constructing concrete curb and concrete curb and gutter according to the details shown in the plans, the requirements of standard spec 601.

B Materials.

Provide materials that conform to the requirements of standard spec 601.2.

C Construction

Construct according to the requirements of standard spec 601.3.

D Measurement

The department will measure Concrete Curb and Gutter 24-Inch Type D in length by the linear foot, acceptably completed.

E Payment

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

ITEM NUMBER	DESCRIPTION	UNIT
SPV.0090.02	Concrete Curb and Gutter 24-Inch Type D	LF

Payment will be made according to standard spec 601.5.

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62. Sanitary Force Main 2-inch SDR 21 PVC, Item SPV.0090.03.

A Description

This special provision describes furnishing and installing new sewage force main piping all as shown on the plans and provided by these specifications.

B Materials

Pipes shall conform to ASTM D2241 Specification for PVC Pressure-Rated Pipe. Joints shall be gasket push on or solvent welded. Provide all pipe and fittings of each material type from the same manufacturer.

Description	Class or Type	Specification	Joint
PVC Force Main	SDR 21	ASTM D2241	Elastomeric Gasket/Solvent

Provide tracer wire for sanitary force main. Wire shall be 12-gauge UL-listed solid copper wire with plastic insulation suitable for direct bury installation. All wire, connectors, and installation shall be according to the National Electric Code. Outer color green. Tracer wire to be brought up inside the manhole and connected to the manhole to allow access to tracer wire without entering the manhole.

C Construction

Inspect pipe for defects and cracks while suspended or prior to installation. Remove all dirt and foreign matter from pipe interior prior to lowering pipe into trench. Install pipe at a grade to avoid any high points in the line from the connection to existing to the connection and the new sanitary manhole. Coordinate lift station shut down with the city and minimize down time during installation. If pumping of the lift station is required to prevent overflow provide a pump truck to move sewage downstream from the lift station. Backfill the pipe with granular backfill. Place test access box

Subject the entire length of force main to hydrostatic pressure testing of 100 psi for a period of 1 hour. Measure pressure at lowest pipe elevation. Maintain constant pressure throughout test period. Provide pumps, gages, connections, and other necessary apparatus. Leakage Test shall be performed by measuring the water volume required to maintain test pressure. Allowable leakage shall be determined by the following formula:

$$L = \frac{SD\sqrt{P}}{133,200}$$

L = Allowable Leakage in Gallons

S = Length of Pipe Tested in Feet

D = Nominal Diameter of Pipe in Inches

P = Test Pressure in Pounds/Square Inch

D Measurement

The department will measure Sanitary Force Main 2-1c/nh SDR 21 PVC by linear feet from center manhole to center of manhole or connection, complete in place.

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	Sanitary Force Main 2-inch SDR 21 PVC	LF

Payment is full compensation for all materials, pump truck, and tracer wire.

63. Sanitary Sewer Service 6-inch PVC, Item SPV.0090.04.

A Description

This special provision describes furnishing and installing new sanitary sewer sanitary service and riser pipe all as shown on the plans and provided by these specifications.

B Materials

Pipes shall conform to the following:

Description	Class or Type	Specification	Joint
PVC Sewer Service Pipe	SDR 26	ASTM D3034	Elastomeric Gasket

Provide fittings and pipe of each material type from the same manufacturer.

Provide tracer wire and test access box for each sanitary sewer service lateral. Wire shall be 12-gauge UL-listed solid copper wire with plastic insulation suitable for direct bury installation. All wire, connectors, and installation shall be according to the National Electric Code. Outer color green. Test access box shall be 24-inch high, 2.5-inch shaft diameter with flared bottom, ABS plastic body, including cast iron rim and lid marked "SEWER" with terminal blocks for wire connection.

C Construction

The location and size of sanitary sewer services as shown on the plans are approximate. Actual locations and size may vary from what is shown.

During the unloading process, all pipe and accessories shall be inspected by the contractor. Notify the engineer of all material found defective. The engineer shall inspect the material and have the right to reject any materials found unsatisfactory. Promptly remove all rejected material from the job site. Remove all foreign matter from the inside of the pipe before lowered into its position in the trench. Keep pipe clean by approved means during and after laying.

Removal of existing facilities, trench excavation and backfill and restoration shall be according to the provisions of these specifications.

Lay and maintain all pipe to the lines and grades shown on the plans. Install service pipe at a minimum of 1 percent to a maximum of 2 percent grade. No pipe shall be laid in water or when the trench conditions are unsuitable for such work, except by permission of the engineer. Place watertight plug at end of service pipe. Mark end of service pipe with a 4 by 4 timber set below grade.

Riser pipes shall be extended from the service wye connection at 45-degrees above horizontal to an elevation as required to serve the surrounding property as directed by the engineer. Install riser pipe against undisturbed trench wall.

Removal and disposal of existing sanitary sewer service materials, regardless of size or pipe material, shall be considered incidental to the work.

Installation of pipe shall conform to ASTM D 2321. There shall be no mixing of different manufacturer's pipe or fittings on a project. Compact haunching area to specified density required by ASTM D2321.

Install tracer wire along entire length of service riser and pipe, from wye to service end and up to access box, taped to top center. Avoid splices and underground connections. If splices are required, provide UL-listed moisture proof connectors, self-sealing compression or heat shrink type. Allow at least 2 feet excess tracer wire to remain coiled beneath test box. Locate test box at property line or as directed by engineer or Owner. Mark location with steel fence post or as directed by engineer or owner.

Pipe laying shall proceed from the lowest end of the grade and bell ends of the pipe shall face upgrade. Pipe, which has in any way been disturbed or does not conform to said line and grade before final acceptance, shall be removed and re-laid by the contractor at the contractor's expense.

Pipes shall be fitted together and matched so when laid they will form a sewer with a smooth and uniform invert.

Install gaskets and forms according to manufacturer's recommendations for use of lubricants, cements, and other special installation requirements.

Trench Excavation Requirements shall conform to specifications listed within Sanitary Sewer special provisions.

All trench excavation and backfilling, including backfill material, compaction, and dewatering shall be considered incidental. All work shall be done by open trench excavation.

Record the location, size, length, and number of bends on services on a record drawing. Measure service locations from the closest downstream manhole. Submit sanitary record drawings to the engineer and Utility upon completion of the sanitary portion of the project.

Reconnect services to the existing sewer and adjusting service without damage to the pipe. Proper watertight joints must be made.

D Measurement

The department will measure Sanitary Sewer Service 6-Inch PVC by linear feet from the center of the main to the end of the service, complete in place.

E Payment

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

ITEM NUMBER	DESCRIPTION	UNIT
SPV.0090.04	Sanitary Sewer Service 6-inch PVC	LF

Payment is full compensation for all materials, labor, tools, equipment, tracer wire, and incidentals necessary to complete the work.

**64. Sanitary Sewer Main 8-inch, Item SPV.0090.05;
Sanitary Sewer Main 10-inch, Item SPV.0090.06;
Sanitary Sewer Main 15-inch, Item SPV.0090.07.**

A Description

This special provision describes furnishing and installing new sanitary sewer main piping all as shown on the plans and provided by these specifications.

B Materials

Pipes shall conform to the following, with all related materials provided from the same manufacturer:

Description	Class or Type	Specification	Joint
PVC Sewer Pipe 8-inch	SDR 35	ASTM D3034	Elastomeric Gasket
PVC Sewer Pipe 10-inch	SDR 35	ASTM D3034	Elastomeric Gasket
PVC Sewer Pipe 15-inch	SDR 26	ASTM D3034	Elastomeric Gasket

C Construction

Maintain flow in sanitary sewers on a continuous basis while construction is underway. If required plug sewers with inflatable plug and provide pumps, portable generators, hoses, and related items to maintain flow. During the unloading process, all pipe and accessories shall be inspected by the contractor. Notify the engineer of all material found defective. The engineer shall inspect the material and have the right to reject any materials found unsatisfactory. Promptly remove all rejected material from the job site.

Removal of existing facilities, trench excavation and backfill and restoration shall be according to the provisions of these specifications.

Lay and maintain all pipe to the lines and grades shown on the plans. Set pipe grades with a pipe laser.

Water mains crossing beneath sanitary or storm sewer mains or services shall be laid to provide a minimum separation of 18 inches between the top of the water main and the bottom of the sewer. When water mains pass above a sewer a minimum separation of 6 inches shall be provided.

Separate sewers and manholes at least 8 feet horizontally from any water main.

When connecting to existing sewers, give the Municipal Utilities department 48 hour notice prior to taking a sewer out of service. The contractor shall have approval from the Utility and engineer prior to taking the sewer out of service. Disruption of service shall be during the time of day when the least inconvenience will be caused to the owner and kept to a minimum amount of time.

No pipe shall be laid in water or when the trench conditions are unsuitable for such work.

Removal and disposal of existing sanitary sewer, regardless of size or pipe material, shall be considered incidental to the work when found in the same trench as new installations. Clay pipe may be crushed in place if remaining pieces are smaller than 3 inches. Keep clay pipe pieces away from new pipe.

Before lowering pipe into the trench and while suspended, the pipe shall be inspected for defects. Any defective, damaged, or unsound pipe shall be rejected and removed from the site.

Installation of pipe shall conform to ASTM D 2321. Adequate manhole water stops must be provided to prevent infiltration into the sewer system. There shall be no mixing of different manufacturer's pipe or fittings on a project.

Remove all foreign matter from the inside of the pipe before lowered into its position in the trench. Keep pipe clean by approved means during and after laying. Provide temporary plug in the end of incomplete piping at the end of day and when work stops.

Pipe laying shall proceed from the lowest end of the grade and bell ends of the pipe shall face upgrade. Provide watertight plugs at end of stubs installed for future connections. Maximum deviation from staked or plan grade shall be no more than 0.30 feet horizontal and grade slope variation of 0.02 percent.

Pipe shall be laid on solid subgrade material shaped to the contour of the pipe. All pipes shall be laid with ends abutting and true to line and grade. Pipe, which has in any way been disturbed or does not conform to said line and grade before final acceptance, shall be removed and relaid by the contractor at the contractor's expense.

Pipes shall be fitted together and matched so when laid they will form a sewer with a smooth and uniform invert.

Installation shall conform to ASTM D2321. Compact haunching area to specified density required by ASTM D2321.

Install gaskets and forms according to manufacturer's recommendations for use of lubricants, cements, and other special installation requirements.

Maintain sanitary sewer flow at all times during construction. Maintaining sanitary sewer flow shall be considered incidental.

Trench Excavation Requirements:

Alignment and Grade:

- Excavate trench to alignment and grade as staked.

- Excavate no more than 100 feet in advance of pipe laying operation.

Trench Width at Pipe Zone:

- Center trench on pipe alignment.

- Minimum Width: Pipe O.D. plus 12 inches.

- Maximum Width: Pipe O.D. plus 24 inches (except rock excavation).

Excavated Materials:

- Use stable material for backfill.

- Waste unstable material as directed.

- Do not place materials on sidewalk, driveways, or drainageways.

Drainage:

- Provide drainage excavations when required.

- Drain trench water into natural channels or storm sewer.

- Do not drain trench water into sanitary sewer.

Rock Excavation:

Blasting shall conform to all local and state ordinances.

Submit blasting schedule for approval.

Minimum trench width: 36 inches.

Provide minimum 6-inch vertical clearance between pipe and rock trench bottom.

Provide minimum 12-inch horizontal clearance between pipe and rock trench walls.

Provide pipe foundation material for pipe in rock trenches.

Pipe Foundations:

Engineer to determine stability of the trench bottom.

Stable trench bottom:

Shape trench bottom to conform to bottom half of pipe.

Excavate bell holes to permit proper jointing.

Unstable trench bottom:

Excavate below pipe grade to specified depth.

Refill with specified foundation material according to plan detail and the special provisions for Backfill Coarse Aggregate No. 2.

Contractor shall receive compensation for Backfill Coarse Aggregate only for bedding pipe. Aggregate volume will be calculated as the pipe diameter plus 2 feet multiplied by the pipe length and a maximum depth of 12 inches. Aggregate used to stabilize trench walls, install dewatering equipment, or provide stable foundation outside of the pipe zone shall not be measured. Excess Aggregate used because of insufficient dewatering shall not be measured.

Trench Backfill Requirements:

Pipe Zone:

Use native or specified foundation material free of rocks and other unsuitable debris.

Deposit material uniformly on both sides of pipe throughout entire trench width.

Place material in 6-inch lifts and mechanically compact.

Above Pipe Zone:

Use native materials free of debris and rock, concrete or clay lumps with a volume greater than 1/3 cubic foot.

Place in uniform lifts no more than 1 foot thick.

Mechanically compact each lift of the upper 3 feet of the trench to a Standard Proctor.

Density of 100 percent.

Mechanically compact each lift under the upper 3 feet of the trench to a Standard Proctor Density of 95 percent.

Do not backfill unless approved compaction equipment is operating.

Replacement Backfill:

Engineer to determine suitability of native material for backfill.

Use replacement backfill in lieu of native materials as directed.

Place according to the above trench backfill requirements for "Above Pipe Zone".

Excess or Deficiency of Backfill Material:

Dispose of excess backfill material as directed after all trenches are backfilled.

Provide replacement backfill as required to establish required surface elevation.

Field Quality Control:

Density tests on backfill materials will be as directed by the engineer.

Contractor to recompact all areas represented by failed density tests.

Costs for initial test and first retest will be considered incidental.

Costs of subsequent retests to be deducted from contractor's payment.

All trench excavation and backfilling, including backfill material, compaction, and minor dewatering shall be considered incidental. All work shall be done by open trench excavation.

All dewatering of trenches as described in the special provisions for dewatering will be incidental to the construction.

Deflection Test

Deflection tests shall be performed on all sanitary sewer pipe. The test shall be conducted after the final backfill has been in place at least 30 days.

No pipe shall exceed a deflection of 5 percent. If the deflection test is to be run using a rigid ball or mandrel, it shall have a diameter equal to 95 percent of the inside diameter of the pipe. The test shall be performed without mechanical pulling devices. The line will be considered acceptable if mandrel can progress through line without binding. Provide corrective measures for lines not meeting these requirements.

Infiltration Test

Manholes shall be water tight with no leakage permitted. Passing air test will be considered acceptable for compliance with infiltration allowances, unless leakage is observed, or pipe diameter is greater than 27 inches.

For infiltration test, place 90 degree V-notch weirs in locations directed by the engineer to measure leakage in sewer lines. Allowable leakage rate shall be 100 gallons/day/inch diameter/mile of sewer between any adjacent manholes. Provide corrective measures for any line that exceeds the allowable leakage rate.

Air Test

Place inflatable sewer stoppers in manhole at each end of reach to be tested. Connect one end of an air hose to the plug used for the air inlet. Connect the other end of the hose to the portable air control equipment. This equipment consists of valves and pressure gages used to control the rate at which the air flows to the test section and to monitor the air pressure inside the pipe. Connect an air hose between the compressor (or other source of compressed air) and the control equipment. Add air to the pipe section. Monitor the air pressure so that the pressure inside the pipe does not exceed 5.0 psig.

When pressure reaches 4.0 psig, stop the air supply so that the internal pressure is maintained for 2 minutes. These two minutes allow time for the temperature of the air to come to equilibrium with the pipe walls. During this time, check all of the plugs with soap solution to detect any plug leakage. If plugs are found to leak, bleed off the air, tighten the plugs, and begin again by supply air. After the temperature has been allowed to stabilize for the 2-minute period, the air supply is disconnected, and the pressure is allowed to decrease to 3.5 psig. At the 3.5 psig the stopwatch is started to determine the time required for the pressure to drop to 2.5 psig.

The time shall be equal to or greater than the allowable time as follows:

1 Pipe Diameter (inches)	2 Mini Time (minutes: seconds)	3 Length for Minimum Time (feet)	4 Time for Longer Length (seconds)	Specified Minimum for Length (L) Shown (minutes:seconds)							
				100 feet	150 feet	200 feet	250 feet	300 feet	350 feet	400 feet	450 feet
4	1:53	597	.190 L	1:53	1:53	1:53	1:53	1:53	1:53	1:53	1:53
6	2:50	398	.427 L	2:50	2:50	2:50	2:50	2:50	2:50	2:51	3:12
8	3:47	298	.760 L	3:47	3:47	3:47	3:47	3:48	4:26	5:04	5:42
10	4:43	239	1.187 L	4:43	4:43	4:43	4:57	5:56	6:55	7:54	8:54
12	5:40	199	1.709 L	5:40	5:40	5:42	7:08	8:33	9:58	11:24	12:50
15	7:05	159	2.671 L	7:05	7:05	8:54	11:08	13:21	15:35	17:48	20:02
18	8:30	133	3.846 L	8:30	9:37	12:49	16:01	19:14	22:26	25:38	28:51
21	9:55	114	5.235 L	9:55	13:05	17:27	21:49	26:11	30:32	34:54	39:16
24	11:20	99	6.837 L	11:24	17:57	22:48	28:30	34:11	39:53	45:35	51:17
27	12:45	88	8.653 L	14:25	21:38	28:51	36:04	43:16	50:30	57:42	64:54
30	14:10	80	10.683 L	17:48	26:43	35:37	44:31	53:25	62:19	71:13	80:07
33	15:35	72	12.926 L	21:33	32:19	43:56	53:52	64:38	75:24	86:10	96:57
36	17:00	66	15.384 L	25:39	38:28	51:17	64:06	76:55	89:44	102:34	115:23
42	19:74	57	20.942 L	34:54	52:21	69:49	87:15	104:42	122:10	139:37	157:04
48	22:67	50	27.352 L	45:35	68:23	91:11	113:58	136:46	159:33	182:21	205:09

The contractor shall receive no additional compensation for tests or corrective work necessary to reduce leakage below the amount allowed by the specifications, correction of excess deflections, or correction of failing air test.

Record the location, size, length, and number of bends on services on a record drawing. Measure service locations from the closest downstream manhole. Submit sanitary record drawings to Rice Lake Utilities upon completion of the sanitary portion of the project.

Reconnect services to the existing sewer and adjusting service without damage to the pipe. Proper watertight joints must be made.

D Measurement

The department will measure Sanitary Sewer Main (size) by linear feet from center manhole to center of manhole or connection, complete in place.

E Payment

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

ITEM NUMBER	DESCRIPTION	UNIT
SPV.0090.05	Sanitary Sewer Main 8-inch	LF
SPV.0090.06	Sanitary Sewer Main 10-inch	LF
SPV.0090.07	Sanitary Sewer Main 15-inch	LF

Payment is full compensation for all materials, tracer wire, and bypass pumping.

65. Televising Sanitary Sewer, Item SPV.0090.08.

A Description

This special provision describes televising of newly installed sanitary sewer as a means of verification of proper installation and record keeping.

B Materials

Provide equipment and materials as necessary to professionally televise and record video and measurements of underground sanitary sewer pipe.

Provide two copies of visual and audio record of inspection on color DVD format. Video shall display footage counter continuously showing distance from reference point and also stop motion capability. Audio record shall correspond with video and written log.

Provide two copies of typewritten logs of inspection record on a standard format, corresponding with audio and video record.

Provide high resolution color photographs of items encountered during the televising which show damage or areas of concern, or as requested by owner or engineer.

Television Camera shall be specifically designed and constructed for operations associated with sewer inspection, with adequate quality to accurately reproduce all colors and provide a clear, focused picture of the entire pipe interior for all conditions encountered. Camera shall have articulating feature to rotate view in all directions, axial to pipe diameter. Camera shall be operative in 100 percent humidity conditions and have an adjustable mounting in order to center lens in a variety of pipe diameters. The built-in light source positioned to minimize reflective glare. Camera to have adjustable focal distance from 6 inches to infinity and articulating feature to provide for viewing of up to 90 degrees in all directions. Travel within pipe requires variable speed operation propelled by either power winch, hand winch, or self-propelled. Must include footage counter to measure distance traveled.

Television Monitor shall be vehicle mounted for viewing in a weather-protected environment. Minimum Screen Size: 9-inch. Minimum 350 line resolution color picture. Display footage counter superimposed on screen.

Also provide vehicles as required, with 2-way radio/telephone communication equipment. Contractor shall provide power source, flow control, and all cables, recording equipment, cameras, and other items necessary to perform the work.

C Construction

Any flagging, signing, barricades, detours, or other traffic control necessary to safely conduct televising operations is the responsibility of the contractor. Notify city and utility with schedule of televising and expected traffic disruption and duration.

Propel closed-circuit television camera through designated pipe segments to document condition of pipe, joints, and service connections. Maximum televising velocity 30 to 35 feet of pipe per minute. Move camera through entire pipe segment in a downstream direction. Stop camera at all service connections and rotate view to inspect connection wye opening. Operate camera from remote video monitor display. Record camera from remote video monitor display. Record camera output on recordable media for future viewing. Inspect all newly installed pipe segments.

Televising shall include audio record, to include date and time of inspection, operator name, street or surface location of reference manhole, size and type of pipe being inspected, direction of camera. A description of all significant items shall include broken or damaged pipe, points of infiltration, root intrusions, scale and corrosion, service connections, pipe deflections, and other discernable features. Include distance of each item from the reference manhole and location of each item with respect to pipe axis.

Contractor shall locate and expose all manholes required for access to sewer systems. Clean and flush pipe segments prior to inspection.

When sewage flows in pipe segment to be inspected exceed minimum levels for a complete inspection of the pipe interior, perform flow control by one of the following control methods. Plugging and blocking shall provide plugs which will allow a controlled release of sewage flow. Insert plugs in the upstream manhole of the pipe segment to be inspected. As the inspection is performed, shut off or reduce flows to minimum acceptable level for adequate inspection. Bypass pumping may also be used to eliminate flow in pipe segment to be inspected by inserting solid plugs in upstream manhole. Provide pumping equipment and conduits to transfer sewage flows from upstream side of the plug to a downstream manhole, around the

pipe segment during the inspection. If excessive flow is entering pipe segment being inspected from outside source, contractor shall coordinate with source owner to stop or reduce flow to acceptable levels and/or reschedule inspection of pipe segment to when flows are at acceptable levels. Coordination, scheduling, equipment, notifications, monitoring, and any damage occurring from stopping or bypassing sewage flows shall be the responsibility of the contractor.

D Measurement

The department will measure Televisive Sanitary Sewer by linear feet, measured for pipe runs between each manhole being televised, regardless of pipe size.

E Payment

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

ITEM NUMBER	DESCRIPTION	UNIT
SPV.0090.08	Televisive Sanitary Sewer	LF

Payment is full compensation for all required labor and materials for televising and complete documentation.

66. Remove Existing Sanitary Sewer Main, Item SPV.0090.09.

A Description

This special provision describes removing existing sanitary sewer main no longer in service at locations shown on the plans and hereinafter provided.

B (Vacant)

C Construction

Remove existing clay pipe by smashing in place. All other pipe materials need to be removed and properly disposed of.

Backfill excavation with granular backfill grade 2 or native material if the engineer allows. Compact according to standard spec 206.3.13.1.

D Measurement

The department will measure Remove Existing Sanitary Sewer Main by length in linear feet from center manhole to center of manhole or connection complete in place, with sewer main found in the same trench as new main to be considered incidental. A separate excavation operation must occur to receive payment on this item. Removal of sanitary sewer service laterals is considered incidental to the service lateral pipe being installed.

E Payment

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

ITEM NUMBER	DESCRIPTION	UNIT
SPV.0090.09	Remove Existing Sanitary Sewer	LF

Payment is full compensation for removing pipes; excavation and backfilling material, compacting, and for properly disposing of materials unable to be left in place.

**67. Water Main C900 6-inch, Item SPV.0090.10;
Water Main C900 8-inch, Item SPV.0090.11;
Water Main C900 12-inch, Item SPV.0090.12.**

A Description

This work shall consist of excavating required trenches, furnishing and installing water mains and backfilling the trenches.

B Material

General – Water main shall be polyvinyl chloride pipe conforming to AWWA C900, thickness class DR-18, pressure class 235.

Pipe Joints - Joints shall be push-on type with elastomeric gaskets conforming to the requirements of ASTM F-477. The wall thickness of the bell section shall conform to ASTM D3139. Provide tracer wire that is rated for direct bury applications, #10 AWG solid copper wire with 30 mil polyethylene jacket. Color shall be blue.

Pipe Size (In)	<u>Restrained Length (feet)</u>		
	45° Bend	90° Bend	Tee Hydrant or Dead End
6	11	20	14
8	19	34	24
10	28	51	36
12	39	73	51

C Construction

Manipulation of existing valves required in order to construct work shall be performed by the city Water Department only. Contact the city at least 48 hours in advance to coordinate and schedule any required valve manipulation.

Where water main is being replaced, removal of existing water main shall be considered incidental to the work.

Inspect water main for defects before placing in trench. Lay pipe to the required alignment and grade. Locate hydrants, valves, and fittings according to plans. Remove all foreign matter from the inside of the pipe before installation.

Provide trench excavation, foundations, and backfill according to the requirements as described under the item for sanitary sewer.

All trench excavation and backfilling, including backfill material, compaction, and minor dewatering shall be considered incidental.

Provide a minimum of 8 feet of cover over the pipe. Greater depths of cover over pipe may be necessary to clear other utilities or provide for future finished grade above pipe. Laying pipe at greater depths than 8 feet shall be considered incidental.

Construct the pipe under the conflicting sewer, where water pipe is in direct conflict with sewers. Provide a minimum 18 inch space when the water main crosses beneath the sewer. Provide a minimum 6 inch space when the water main crosses above the sewer.

Water Main paralleling sanitary sewers shall be laid at least 8 feet horizontally from a sanitary sewer.

Connecting to existing water main: Only representatives of the owner are permitted to operate valves on existing system. Give the owner at least 48-hour notice when it is necessary to take an existing water main out of service. Disruption of water service shall be during a low usage period or when it is the least inconvenient to the user. Have all proper materials and equipment immediately on hand when a water main is taken out of service for connection.

No pipe shall be laid in water or on unsuitable foundation bedding except by permission of the engineer.

Perform the following test upon completion of the water main construction and prior to any external service connections.

Perform a pressure and leakage test on new water main according to the following test procedure according to AWWA C600:

Test Pressure: 150 psi. Test Duration: 2 hours.

Test with valves open to include all stubs and C900 service laterals. Contractor is responsible for removal of air from dead ends by installing taps or corporation stops at locations as approved by engineer and Owner. Upon completion of testing, corporation stops shall be removed and plugged or left in place at the direction of engineer and owner.

Gage requirements include: 4-1/2-inch dial size, 0 to 200 psi range, 2 psi gradation, 1/2 percent accuracy.

Do not allow pressure to vary more than 5 psi during the test. Do not allow pressure to vary more than 2 psi during the last hour of the test. Maximum length of main to be covered in any one test shall be 1400 feet.

Allowable Leakage: One-half of the volume allowed by AWWA C600 according to the following:

Leakage is determined by the following formula:

$$L = \frac{SD\sqrt{P}}{266,400}$$

L = Allowable Leakage in Gallons Per Hour

S = Length of Pipe Tested in Feet

D = Nominal Diameter of Pipe, in Inches

P = Average Test Pressure During Test, in psi (gauge)

Pressure Test Services: Service pipes may be tested at the time of the foregoing test, if installed, at the contractor's option. However, testing of service pipes may be completed as a separate operation from main testing and, if so, the test pressure shall be 100 psi. Service pipe testing, if done separately, shall be done with the corporation stop open.

Perform Electrical Conductivity Test:

Perform a conductivity test within one week after completion of pressure testing of the main on all iron pipe water mains to establish that locating the new main and services may be carried out in the future.

Bacteriological Tests and Disinfection of New Water Mains and Water Services:

All water distribution system or extension to existing system or any valved section of such extension, or replacement, shall be disinfected prior to placing same in service. Disinfection of water main shall be done according to AWWA Standard C651.

Disinfection shall be by tablet or continuous feed method. Hold chlorine in pipe for a minimum period of 24 hours, with an initial dosage of 50 ppm minimum. Residual dosage after hold period shall be 10 ppm. Flush system within 24 hours after disinfection is completed.

Water Utility will draw water samples with accommodations made by contractor. Provide 36 hours notice of time when samples are to be taken.

After final flushing, obtain 2 sets of samples taken a minimum of 24 hours apart.

Each sample set shall include one sample for every 1,200 feet of main and one sample at each dead-end. More samples may be required due to staging and installation methods. Any stubs or C900 services which will be tapped in order to release air from the system for pressure testing, shall be made available for testing. The Water Utility will have the option of requiring safe water samples at these taps.

Ensure that 1 sample is obtained from each branch of main. A minimum of two samples are required.

Perform coliform tests on each sample. Two consecutive safe samples are required from each sample location.

Rechlorinate if any sample tests positive for coliform.

D Measurement

The department will measure Water Main C900 (size) for each size 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.0090.10	Water Main C900 6-Inch	LF
SPV.0090.11	Water Main C900 8-Inch	LF
SPV.0090.12	Water Main C900 12-inch	LF

Payment is full compensation for all excavating, backfilling, dewatering, sheeting, shoring, removing existing water main, for furnishing and installing water mains, pipe joints, tracer wire, bedding material, initial backfill, and all test procedures.

68. Water Service 1-inch, Item SPV.0090.13.

A Description

This special provision describes furnishing and installing water service pipe as shown on the plans, as directed the city or their engineer in the field, and as provided by these specifications.

B Materials

Water service pipe shall be ASTM B88 Type K copper with compression fittings or polyethylene tubing meeting AWWA C901, PE3408, DR-9 and blue in color. Where polyethylene tubing is used contractor will be responsible for all tracer wire and conductivity. Provide tracer wire that is rated for direct bury applications, #10 AWG solid copper wire with 30 mil polyethylene jacket. Color shall be blue.

C Construction

Coordinate with the city regarding temporary water service. An option to provide service using the existing water main is shown on the plans. Any above ground temporary water would have to be approved for use by the city. Contact the city at least 48 hours in advance to coordinate and schedule any water shut-offs.

Water services shall be one piece with no coupling between corporation stop and curb stop. Provide minimum 1-foot of slack in the pipe to allow for settlement and movement.

Water services shall have 7.5 feet minimum cover or require insulation. Backfill services according to the bid item Water Main.

Disinfect water services according to water main specifications and flush before connection or burying of final stub.

Furnish and install marker, accurately centered and vertical, over end of each lateral installed. Marker shall be 4 by 4 lumber. Place marker in backfill so bottom end touches end of lateral and top of marker is 2-feet above ground level. Depth of lateral, at end, shall be permanently written on marker. Paint marker blue.

Determine horizontal location of each lateral, at point of terminus, by measurement to nearest 0.1-feet, "tied" to minimum of 2, preferably 3, nearby permanent physical features. Note the horizontal location on the as-built plans provided to the City of Waupaca.

D Measurement

The department will measure Water Services by the linear foot in place measured along the centerline of the service piping, acceptably completed. The length to be paid for shall be measured through the corporation stop and the curb stop.

E Payment

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

ITEM NUMBER	DESCRIPTION	UNIT
SPV.0090.13	Water Service 1-inch	LF

Payment is full compensation for furnishing all materials including tubing and fittings; for all end of piping marking; for all excavations; for tracer wire; for removing existing water service; for sheeting and shoring, forming foundations, laying pipe, and making connections to all new or existing facilities, including couplings; for furnishing all bedding material; for backfilling and compaction, testing of backfill compaction, removing sheeting and shoring, cleanup, and restoring the site of the work.

69. Salvaged Trolley Car Rail, Item SPV.0090.14.

A Description

This special provision describes the salvage and return of trolley car rails to the City of Waupaca.

B (Vacant)

C Construction

Separate the trolley car rails from the concrete pavement located beneath the asphaltic overlay. Return the rails and associated components to the City of Waupaca City of Public Works department at 111 S. Main Street, Waupaca, WI 54981. Contact Justin Berrens, Director of Public Works, to coordinate drop off of the above materials at (715) 258-4420.

D Measurement

The department will measure Salvaged Trolley Car Rail by the linear foot along each rail, acceptably completed. Measurement will be done in the field before removal of the rail.

E Payment

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

ITEM NUMBER	DESCRIPTION	UNIT
SPV.0090.14	Salvaged Trolley Car Rail	LF

Payment is full compensation for removing and delivering Salvaged Trolley Car Rail.

70. Storm Sewer Pipe PVC 6-Inch, Item SPV.0090.15.

A Description

This special provision describes PVC storm sewer pipe used to connect the Residential Manhole to the storm sewer system.

B Materials

Furnish 6-Inch poly vinyl chloride pipe schedule 40 conforming to ASTM D1785 or ASTM D2665.

Furnish poly vinyl chloride pipe solvent and cleaner application conforming to ASTM D2855.

C Construction

All pipe joints for 6-inch pipe shall be glued.

D Measurement

The department will measure Storm Sewer Pipe PVC 6-Inch by the linear according to standard spec 608.4.1 (1), 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.0090.15	Storm Sewer Pipe PVC 6-Inch	LF

Payment is full compensation for all required labor and materials, excavation, backfill, and installation of storm sewer pipe.

71. Removing Cables & Conduit - Item SPV.0090.16.

A Description

This special provision describes removal of groups of existing lighting cables and conduit from the project.

B (Vacant)

C Construction

Existing lighting cables within conduit or direct buried will be removed from the project as a result of sub-cutting associated with roadway and sidewalk construction. Existing lighting cables not planned for reuse shall be disconnected from existing lighting units, service cabinets and panels prior to removal. Existing conduit not planned for reuse shall be cleanly disconnected from remaining existing conduit, lighting units and service cabinets prior to removal. The removal of existing conduit not planned for reuse shall be incidental to the removal of cables. Removed lighting cables and conduit shall become the property of the contractor.

D Measurement

The department will measure Removing Cables & Conduit by the linear feet of a complete branch circuit (comprised of multiple conductors), acceptably removed.

E Payment

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

ITEM NUMBER	DESCRIPTION	UNIT
SPV.0090.16	Removing Cables & Conduit	LF

Payment is full compensation for removing and disposing of cables, and conduit.

72. Maintain Water Service During Construction, Item SPV.0105.01.

A Description

This special provision describes maintaining water service to customers (businesses and residences) throughout the construction project. An option to maintain water service is shown on the plans.

B Materials

Use materials consistent with Water Main and Water Main Fittings sections of these special provisions and the details shown in the plans.

C Construction

Contractor to maintain water service to all businesses and residences during construction whether using the existing water main and services or setting up a temporary water system that gets the approval of the city.

D Measurement

The department will measure Maintain Water Service During Construction as a Lump Sum unit, acceptably completed.

E Payment

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

ITEM NUMBER	DESCRIPTION	UNIT
SPV.0105.01	Maintain Water Service During Construction	LS

Payment is full compensation for connecting to existing water main, cutting pipe, providing and installing fittings and adaptors, excavation, backfilling, compaction, piping, removals, maintenance, pedestrian accommodations, and all other incidentals necessary to complete the work.

73. Soil Cell System – Stage 1, SPV.0105.02; Soil Cell System – Stage 2, SPV.0105.03.

A Description

This section includes the supply and installation of the urban tree planting system, related materials, components and activities. The urban tree planting system provides the necessary elements for growing trees to their full potential in dense urban environments.

Other materials include, but are not limited to, aggregate, geotextile, geogrid, PAVEMENT SUPPORT SYSTEM, root barriers, underground rootball anchoring, soil inspection portals, aeration/irrigation piping and surface inlets and planting soil.

All work is to be completed per the design requirements of the Consultant of record and to meet or exceed the manufacturer's design and installation requirements.

B Materials

Furnish an urban tree planting system specifically designed for the purpose of providing large volumes of uncompacted soil for healthy tree growth and/or stormwater management (bioretention) under load-bearing pavement surfaces. At minimum, the urban tree planting system shall provide for uncompacted soil, soil and rootball aeration/irrigation, management of tree roots, soil inspection, rootball anchoring and stormwater drainage.

Specific to the site requirements, the urban tree planting system shall have the flexibility to be assembled around existing structures, utilities and in tight constraints to achieve the specified soil and/or stormwater volume. The system shall allow for easy disassembly and reassembly to allow for utility repair and/or maintenance within and below the system.

The urban tree planting system shall be a complete system that at minimum includes but is not limited to the following integral components: pavement support system, geogrid/geofabric, aeration/irrigation piping, fittings and surface inlets, root management products, underground rootball anchoring system and inspection portals.

Pavement Support System / Soil Cell System

The pavement support system / soil cell system is a plastic modular, pavement support system comprising of interlocking vertical uprights, infill panels and a top deck that allows for air movement above the soil profile. This system is designed to be filled with planting soil for tree rooting; bioretention soil for tree rooting and stormwater attenuation and pollutant removal; or left empty and used for stormwater infiltration, detention or retention. It is an engineered, load-bearing system that is designed to be used sub-surface under pedestrian and/or vehicle rated pavement surfaces.

For ease of installation and for future utility repair and/or maintenance, the pavement support system shall consist of two main components, an upright and a top deck. An optional interlocking side infill panel shall be available and installed where additional lateral strength is required, per the consultant's design requirements.

The pavement support system shall have the ability to be uniformly stacked to increase the cubic volume of soil per area of installation, and to work around existing below ground infrastructure. At minimum the following ~~five~~ depth configurations shall be available: ~24".

The assembled pavement support system shall have a minimum accessible soil volume of 97% and be continuously open in both length and width.

The assembled pavement support system shall have the capability of accommodating utilities up to ~16" (400 mm) within the system.

As assembled, the pavement support system uprights shall interlock in both the vertical and horizontal axis, and the top deck shall interlock with the uprights. The pavement support system shall be designed to be assembled to form an interlocked soil cell matrix, or specific to site requirements, the pavement support system may be installed as independent or groups of soil cells. Spacing between the pavement support system soil cells shall be determined by the consultant based on pavement design and load requirements. The layout of the pavement support system shall have the ability to be field adjusted to meet specific site requirements.

The pavement support system shall have a minimum load bearing strength of 6,260 pounds per square foot / 30,564 kilograms per square meter, as tested by a third-party laboratory. The assembled pavement support system shall at minimum, be capable of supporting vehicle loads according to AASHTO h-20/hs-20, including a safety factor of 1.5, when used in conjunction with approved vehicle rated pavement profiles.

The pavement support system shall meet the minimum load bearing strength of 6,260 pounds per square foot / 30,564 kilograms per square meter when installed on slopes up to 5%. For slopes greater than 5%, and less than 10%, please contact the manufacturer for design assistance.

The pavement support system shall be designed to be filled with planting soil, with the top deck either on or off, and without the use of strong backs to hold the uprights in position during soil installation.

The pavement support system components shall be manufactured using 100% recycled plastic to the following sizes and specifications: sufficient samples of granite shall be submitted to the design professional through the general contractor.

Upright: Injection molded, polypropylene or polyethylene, with nominal dimensions as follows: 24"/600mm SOIL CELL UPRIGHT: ~20"x ~24" x ~4" (500 x 600 x 100 mm).

Top Deck / AirFlow™ QR (Quick Release): Injection molded, polypropylene or polyethylene deck with nominal dimensions as follows: SOIL CELL TOP DECK: ~20" x ~20" x ~3" (500 x 500 x 75 mm).

Side Infill Panel: Injection molded, polypropylene or polyethylene with nominal dimensions as follows: 24"/600mm SOIL CELL SIDE INFILL PANEL: ~13" x ~20.5" x ~1.5" (330 x 520 x 38 mm).

Products meeting this specification: RootSpace® 600 (24") Pavement Support System (GreenBlue Urban / 1 (866) 282-2743 / www.greenblue.com)

Ribbed Root Barrier

A linear ribbed root barrier with vertical integral root training ribs. This product is used to redirect roots vertically, usually near the tree trunk and at the soil surface.

The ribbed root barrier shall be designed to redirect tree roots down and away from pavement surfaces. Ribbed root barrier shall be installed vertically at specified locations, usually near the tree trunk and at the soil surface. Ribbed root barrier shall be manufactured to meet the following requirements:

Material shall be 100% recycled plastic.

Minimum Thickness: 0.04" (1.00 mm).

Form: Linear rolls with vertical integral root training ribs.

Depth: 12" (300 mm), as required per plan detail.

Roll Length: 100' (30 m)

Color: Black

Seams shall be overlapped ~8" (200 mm) and sealed on both sides with joining tape.

Products meeting this specification: ReRoot™ Ribbed Root Barrier (GreenBlue Urban / 1 (866) 282-2743 / www.greenblue.com)

Root and Moisture Barrier

The root and moisture barrier is a linear membrane to prevent root and moisture penetration into surrounding areas. This product is used to redirect roots laterally.

The root and moisture barrier shall be designed as a linear membrane that is installed to prevent tree root growth and moisture intrusion in building foundations and underground utilities. The root and moisture barrier may be installed vertically or horizontally, as specified on the plans. The root and moisture barrier shall be manufactured to meet the following requirements:

Material shall be 100% recycled plastic.

Minimum Thickness: 0.04" (1.00 mm).

Form: Linear rolls with a smooth surface.

Depth: 24" (600 mm), as specified on the plans.

Roll Length: 100' (30 m)

Color: Black

Seams shall be overlapped ~8" (200 mm) and sealed on both sides with joining tape.

Products meeting this specification: RootStop™ Root and Moisture Barrier (GreenBlue Urban / 1 (866) 282-2743 / www.greenblue.com)

Rootball Aeration/Irrigation System

The Rootball aeration/irrigation piping system consists of small perforated piping that is placed around the tree rootball, and within the pavement support system and has inlets at finished grade. This system is used to provide a means of getting air and water into the soil and rootzone, and a means of allowing organic gases, from the decay of organic matter within the soil, to escape. Manual or automatic irrigation can be incorporated into this system.

The rootball aeration/irrigation system shall be designed to provide a means of getting air and water into the soil and rootzone, and a means of allowing organic gases from the decay of organic matter within the soil to escape. The rootball aeration/irrigation system components shall be manufactured to meet the following requirements.

Aeration/Irrigation Pipe

Material shall be 100% recycled plastic.

Diameter: 2.375" (60 mm), as required per plan detail.

Form: Slit perforated pipe in rolls.

Connectors: Molded connectors (coupling, tee) to effect proper jointing.

Roll Length: 100' (30 m)

Color: Black

Aeration/Irrigation Inlet

Body: Cast aluminum/bronze

Grate: Cast aluminum/Bronze

Grate walking surface shall meet ADA requirements.

Products meeting this specification: RootRain™ Civic™ Pipe and Fittings (GreenBlue Urban / 1 (866) 282-2743 / www.greenblue.com)

Soil Aeration/Irrigation System

The soil aeration/irrigation system shall be designed to provide a means of getting air and water into the soil a means of allowing organic gases, from the decay of organic matter within the soil, to escape. The soil aeration/irrigation system components shall be manufactured to meet the following requirements:

Pipe

Material shall be 100% recycled plastic.

Diameter: 4" (100 mm).

Form: Precut non-perforated pipe.

Length: ~20" (.5 m)

Color: Black

Aeration/Irrigation Inlet

Body: Stainless Steel

Grate: Stainless Steel

Grate walking surface shall meet ADA requirements.

Products meeting this specification: RootRain™ ArborVent™ 150 (GreenBlue Urban / 1 (866) 282-2743 / www.greenblue.com)

Soil Inspection Portal

The soil inspection portal is a plastic pipe extending from the pavement surface down into the top of the pavement support system. This port is used for the sampling and inspection of the soil within the pavement support system and can be used as a means adding nutrients to the soil.

The soil inspection portal shall be designed to allow for the sampling and inspection of the soil and/or water levels within the pavement support system and can be used as a means adding nutrients to the soil. The soil inspection portal components shall be manufactured to meet the following requirements:

Material shall be polyvinyl chloride (PVC) pipe.

Diameter: 4" (100 mm), as required per plan detail.

Cap: Flush cap installed flush with pavement surface.

Products meeting this specification: ArborSystem® Inspection Portal (GreenBlue Urban / 1 (866) 282-2743 / www.greenblue.com)

Geogrid with integrated non-woven geotextile:

Geocomposite / geogrid with integrated non-woven geotextile is a high strength geogrid comprised of stretched monolithic polypropylene flat bars with welded junctions and a mechanically bonded filter geotextile welded within the geogrid structure. Used for reinforcement of aggregate pavement base.

A geogrid with integrated non-woven geotextile meeting the following meeting the following requirements shall be placed on top of the pavement support system and beneath the aggregate pavement base course.

The geogrid with integrated non-woven geotextile is a high strength geogrid comprised of stretched monolithic polypropylene flat bars with welded junctions and a mechanically bonded filter geotextile welded within the geogrid structure. It is used for reinforcement of granular pavement base. The geogrid with integrated non-woven geotextile shall be manufactured to meet the following requirements:

Geogrid Physical Properties

PROPERTY	UNITS	VALUE
Mass per unit area	g/m ³	250
Max tensile strength		
(machine direction/cross machine direction)	kN/m	≥ 40 / ≥ 40

Geotextile Properties

PROPERTY	UNITS	VALUE
Mass per unit area	g/m ³	150
Max tensile strength		
(machine direction/cross machine direction)	kN/m	7.5 / 11
Elongation at nominal strength		
(machine direction/cross machine direction)	%	40 / 30
Puncture Force (x-s)	N	1,670

Products meeting this specification: CombiGrid (GreenBlue Urban / 1 (866) 282-2743 / www.greenblue.com)

Rootball Anchoring System

The rootball anchoring system is a below grade system comprised of cables, spearhead, deadman or plate anchors and web strap used for anchoring a rootball into the ground. The rootball anchoring system shall be manufactured to meet the following requirements:

Material shall be as follows: stainless or galvanized steel cables, biodegradable web strapping, and plated steel tensioner

Anchorhead Type/Material: Plate or Zinc Plated-Steel

Products meeting this specification: ArborGuy® AnchorPlate Rootball Anchoring System (GreenBlue Urban / 1 (866) 282-2743 / www.greenblue.com)

Aggregate sub-base course (specified as a drainage layer)

Aggregate sub-base course is aggregate material between the bottom of the pavement support system and the compacted sub-grade below, designed to distribute loads from the pavement support system to the subgrade. The aggregate sub-base may also be used for drainage of the planting or bioretention soil.

Coarse aggregate shall meet the following requirements:

Material shall be as follows: stainless or galvanized steel cables, biodegradable web strapping, and plated steel tensioner

Aggregate shall be an open-graded, self-compacting, angular stone produced from 100% crushed material.

All aggregate shall be clean and washed.

Unless otherwise approved by the specifying engineer, coarse aggregate for the aggregate sub-base course shall be uniformly graded as defined below:

AGGREGATE SUB-BASE COURSE Physical Properties (AASHTO #56, 57, 6, 67, 68)

Sieve	#56	#57	#6	#67	#68
	Percent Passing				
1 1/2"	100	100	-	-	-
1"	95-100	95-100	100	100	100
3/4"	-	-	90-100	90-100	90-100
1/2"	25-80	25-80	20-55	-	-
3/8"	-	-	0-15	20-55	30-65
No 4	0-10	0-10	0-5	0-10	5-25
No 8	0-5	0-5	-	0-5	0-10
No 16	-	-	-	-	0-5
No 50	-	-	-	-	-

Sand shall not be an acceptable substitute for coarse aggregate.

Planting Soil (Installed within the pavement support system)

Provide planting soil as specified in the Furnishing and Planting Plant Materials special provision.

Backfill material (installed around the perimeter of the pavement support system)

Provide backfill material that is placed around the outside perimeter of the pavement support system and the vertical walls of the excavation. It is installed in lifts and compacted to support the pavement surface above. These materials are typically open-graded, self-compacting, 3/8" (9 mm) to 3/4" (19 mm) angular crushed stone, or a clean, native excavated material, that is free from organic matter, frozen materials, stones larger than 3" (75mm) in diameter, trash, other debris and other toxic substances injurious to plant material.

The backfill material shall meet one of the following specifications:

Open-graded, self-compacting, 3/8" (9 mm) to 3/4" (19 mm) angular crushed stone.

Clean, compactable, native excavated material (structural fill), that is free from organic matter, frozen materials, stones larger than 3" (75mm) in diameter, trash, other debris and other toxic substances injurious to plant material.

Clean, compactable, coarse grained soil, meeting the following requirements of the Unified Soil Classification system for soil type GW, GP, GC with less than 30% fines, SW, and SC with less than 30% fines.

C Construction

General conditions

Coordinate the installation with the product manufacturer, as specified in the administrative requirements, to have the manufacturer on-site during product installation.

Locate underground utilities before proceeding with excavation.

Review manufacturer's installation procedures and coordinate urban tree planting system installation with other work affected, such as grading, excavation, utilities, construction access, erosion control, etc.

Tree pit layout: The tree pit is the excavated space filled with appropriate soil media for tree planting. Layout tree pit locations and dimensions using string lines, survey pegs and marking paint. Obtain consultant's approval of layout before proceeding with excavation.

Tree pit depths: confirm excavation depths with reference to finished pavement elevations. Allow for granular base course layer and, where applicable, drainage layer.

The assembled pavement support system may be walked on, but vehicular traffic is prohibited until properly backfilled and covered per manufacturer's recommendations. Protect personnel and the installation against damage with highly visible construction tape, fencing, or other means until construction is complete.

Administrative requirements

Manufacturer

The manufacturer shall be responsible for coordinating the delivery of the urban tree planting system to the contractor. The system includes all components necessary for the assembly of the tree planting system as required per the drawings.

As required, the manufacturer shall provide a minimum of 4 hours on-site training and support during the system installation. This may be coordinated with the pre-installation meeting.

Pre-installation Meeting

Prior to the installation of the urban tree planting system and associated work, meet with the consultant(s), the contractor, the urban tree planting system installer and project manager, the manufacturer's representative, the owner at their discretion and other parties concerned with the system installation and performance.

Provide at least 72 hours advance notice to all participants attending the pre-installation meeting.

The pre-installation meeting agenda will include, but is not limited to:

The review of required submittals.

Coordination and sequence of installation with other trades and the construction schedule.

Review of materials, system details and methods of installation.

Site specific considerations (ie: geotechnical, hydrology).

System layout and installation procedures.

Mock-up of the urban tree planting system.

Contractor

The contractor shall be responsible for preparing the site for the system installation including, but not limited to, excavation, temporary shoring, system installation, compaction, backfilling and all labor, tools and materials required.

The contractor shall be responsible for preparing a schedule and coordinating work under this section with other trades and disciplines impacting this work.

Testing Agency Services

Provide and pay for the services of an independent testing agency to perform the testing activities specified in this section. Testing agency shall be acceptable to consultant.

Test work according to specified standards. In the absence of a specified standard, comply with the relevant ASTM standard.

Test Reports: Testing agency shall prepare test reports for all tests performed. Submit copies of test reports to consultant immediately upon their becoming available.

Submittals

Action Submittals: Provide submittals to the Consultant for review and acceptance not less than 7 days prior to start of installation of materials and products specified in this Section.

Product Data: For each type of product, the manufacturer's product literature shall be submitted with technical data sufficient to demonstrate that the product meets these specifications.

Test and Evaluation Reports: For soils and aggregates provide testing agency laboratory analysis.

Shop Drawings: Drawings shall show all information needed to install the pavement support system.

Qualification Data: The work shall be performed by an experienced installer with a minimum of 2 years of experience, with a successful track record in performing work of the same scope and quality as required by these specifications.

Substitutions: Manufacturers seeking approval of their products are required to comply with the Owner's Instructions to Bidders, generally contained in the Project Manual. If such instructions are not included in the other portions of the project manual or the WI DOT standard specifications, submit requests as specified herein.

Submit proposed substitutions to the Consultant not less than 7 days prior to the date for receipt of Bids.

Closeout Submittals: Provide manufacturer's warranty documentation.

Quality Assurance

Comply with applicable requirements of the laws, codes, ordinances and regulations of Federal, State and Local authorities having jurisdiction. Obtain necessary permits/approvals from these authorities.

Manufacturer qualifications

The urban tree planting system manufacturer must have at least 20 years' experience in the design, manufacture and installation of urban tree planting systems.

A manufacturer whose product is manufactured in an ISO/TS 16949 and ISO 9001 certified facility.

Materials

All materials, methods of construction, and workmanship shall conform to applicable requirements of ASTM and AASHTO Standards, unless otherwise specified.

The quality of material and the finished components shall be subject to inspection by the Consultant. Such inspection may be made on-site upon delivery or at any point thereafter. The components shall be subject to rejection at any time if material fails to meet any of the specification requirements, even though sample components may have been accepted as satisfactory. Components rejected after delivery to the site shall be marked for identification and shall be removed from the site at once.

Inspection

All components shall be inspected for general appearance, dimensions, soundness, etc.

Upon completion of relevant excavation work, and prior to placement of geotextile and aggregate, the sub-base soil shall be inspected by the Consultant or authorized representative and be signed off on by the Consultant as acceptable and meeting manufacturer's recommendations.

Upon completion of the placement of the pavement support system (as specified) and geotextile, and prior to backfilling, the structure shall be inspected by specifying engineer or authorized representative and signed off on by the consultant as acceptable and meeting manufacturer's recommendations.

Defects

Products with structural defects shall be immediately removed and replaced with acceptable parts. The specifying engineer, before final acceptance, shall carefully inspect repairs/replacements.

Delivery, Storage and Handling

Components shall be unloaded, handled and stored in an area protected from traffic and in a manner to prevent damage. Inspect materials to ensure that specified materials have been received.

Plastic components may become brittle at cold temperatures. Use caution when handling plastic components below 15°F (-10°C).

Store all material on pallets, with pallet wrap intact until required for installation. Unwrap pallets carefully ensuring unstable sections don't collapse dangerously. Store units to avoid damage from other construction activities.

Protect geogrids and geofabrics from physical damage and from temperatures in excess of 150°F (65°C). Do not expose geogrids and geofabrics to direct sunlight for more than 7 days.

Ensure that all unrelated construction traffic be kept away from the limits of excavation until project is complete and final surface materials are in place.

Site Conditions

Do not proceed with installation when subgrades, soils and planting soils are in a wet, muddy or frozen condition.

Before commencing work on site examine available documentation pertaining to site and determine nature and location of above ground and underground utilities.

Before proceeding with full scale excavation work, confirm nature of existing soil conditions and the drainage characteristics of existing soil.

Abandoned utilities encountered during excavation shall be removed and their ends plugged.

Active utilities encountered during excavation and not indicated in Contract Documents shall be reported immediately to Consultant and utility owner who shall determine measures necessary to repair (if damaged), relocate, remove or work around the utility.

Warranty

Provide manufacturer's standard warranty against defects in materials and workmanship.

Products will be free from defects in components and workmanship for a period of 30 years from date of manufacture.

Excavation Below Grade

Excavation required for the installation of all pipes and structures shall be made to the depths and widths indicated on the drawings (a minimum of 12" (300 mm) beyond all sides of at the base of the pavement support system is required for proper backfill). The contractor shall ensure that the bottom of the excavation is firm and dry and, in all respects, acceptable to the consultant.

All objectionable material encountered within the limits indicated shall be removed and disposed of by the contractor.

In excavation faces, all loose or protruding rocks shall be secured or otherwise removed to finished grade. All cut slopes shall be uniformly dressed to the slope, cross-section and alignment shown on the Drawings or as directed by the Consultant or authorized representative.

Furnish, install, monitor and maintain excavation support (e.g., shoring, sheeting, bracing, trench boxes, etc.) as required by Federal, State and Local Laws, Ordinances, Regulations and Safety Requirements. Support the sides of excavation, to prevent any movement which could in any way reduce the width of the excavation below that necessary for proper construction and protect adjacent structures from undermining, settlement or other damage.

Sub-Grade Preparation and Grading

The sub-grade shall be unfrozen, level, and free of lumps or debris with no standing water, mud or muck. Do not use frozen materials or materials mixed or coated with ice or frost. Unless otherwise specified by the consultant, a minimum 2,000 pounds per square foot bearing capacity is required.

If contractor fails to maintain the sub-grade properly, the contractor shall remove the unsuitable material. If the bottom of any portion of the excavation is removed below the limits shown on the drawings, it shall be restored per the consultant to the elevation shown in the drawings. Compacted native earthen fill is not acceptable.

If in the opinion of consultant or authorized representative, the sub-grade, at or below the normal grade of the excavation as indicated on the drawings, is unsuitable for construction; it shall be removed to such depth and width as the consultant may direct and be replaced with suitable material as directed by the consultant or authorized representative.

Sub-Base Course Preparation / Installation

Install a 4" (100 mm) minimum thickness, leveling bed of aggregate sub-base course, across the bottom of the excavation. The aggregate sub-base course shall when possible, extend 6" (150 mm) beyond the base of the pavement support system in all directions. The aggregate sub-base course shall be flat surface, free from lumps, debris or any other sharp materials. Base may have up to a 5% slope.

The aggregate sub-base course (specified as a drainage layer) shall be compacted using a vibratory plate or compaction equipment to sufficiently settle and orient the individual stone facets, or as specified by the consultant.

The aggregate sub-base course (not specified as a drainage layer) be compacted shall be compacted using a vibratory plate or compaction equipment to a minimum of 95% of the standard proctor density, or as specified by the consultant.

Place the geogrid reinforcement for soil on top of the aggregate sub-base course. The geogrid reinforcement for soil shall extend 6" (150 mm) beyond the base of the pavement support system in all directions. Overlap the geogrid reinforcement for soil a minimum 12" (300 mm) or as recommended by the manufacturer.

Pavement Support System Installation

Installation procedure, as follows, shall be followed by the contractor. The contractor shall also reference the manufacturer's installation guidelines, and where any discrepancy exists the consultant reserves the right to contact the manufacturer's representative prior to continuation. Installation constitutes acceptance of existing conditions and responsibility for satisfactory performance.

Use a soluble paint, chalk, or string to mark the footprint of the pavement support system. Prior to the installation of pavement support system uprights, confirm tree pit dimensions and mark location of trees. Rectify discrepancies and errors. Ensure squareness prior to pavement support system placement.

Install pavement support system uprights in strict accordance with manufacturer's written instructions and installation diagrams. Prior to placement, check each upright for damage. Reject cracked, chipped and otherwise damaged components. Ensure that uprights in contact with the aggregate sub-base course are firmly seated, with no rocking. Ensure that uprights are mechanically interconnected both horizontally and, in multiple layers, vertically.

Upon completion of the pavement support system, wrap the sides of the system with root and moisture barrier, or geogrid to prevent backfill material migration into the pavement support system. Take great care to avoid damage to the root and moisture barrier or geogrid during placement. If damage occurs, repair that portion per manufacturer specifications.

The pavement support system should not be left exposed to extreme temperatures, high wind conditions, snow, ice or copious amounts of rainfall.

Accommodating Utilities within the Pavement Support System

Utilities within the pavement support system should meet specifications as required by utility company's standards. This may require special treatments, barriers and details to achieve this.

Installation of Planting Soil

Obtain consultant's approval prior to filling the pavement support system with planting soil. Install planting soil after the installation of the sub-drainage piping / under drain (as required), pavement support system uprights, root and moisture barriers and backfill material is in place.

Except as shown otherwise on drawings completely fill all void spaces with planting soil. Place planting soil using an excavator bucket and spread with rakes or shovels

Keep outside perimeter of the pavement support system free of planting soil.

Planting soil shall be placed in lifts of 8" (200 mm) to 12" (300mm) and foot compacted by walking through the planting soil. In no case shall the planting soil be compacted greater than foot compaction, after installation within the pavement support system. Note: the top deck is also an aeration layer allowing soil to be filled to top of the uprights.

Installation of Aeration/Irrigation Piping and Inspection Portal

Lateral aeration/irrigation piping: install piping within top layer of pavement support system uprights in a complete connected circuit, within 12" (600mm) of outer edge of matrix. Fit junctions and risers at maximum spacing of 12' (3.6 meters).

Vertical soil inspection portal: place vertical piping within central opening of pavement support system lid.

Trim vertical pipes to 6" (150mm) above finished pavement and support in vertical position by temporary staking. Seal open ends of pipes.

Installation of Root Barriers and Root and Moisture Barriers

Install ribbed root barriers and/or root and moisture barriers as shown on drawings. Overlap barrier joints 8" (200mm) and tape both sides of joint. Top edge of barriers shall be level with adjacent construction. Ensure that earth surfaces in contact with barriers are flat and free of sharp debris and stones to avoid puncturing barriers. Install ribbed root barriers facing towards the tree.

Backfilling the Perimeter

Place backfill material evenly around the perimeter of the pavement support system in 8" (200 mm) to 10" (250 mm) lifts and compact as specified below.

For compactable materials, each lift shall be compacted shall be compacted using a vibratory plate or compaction equipment to a minimum of 95% of the standard proctor density. For self-compacting stone materials, each lift shall be compacted using a vibratory plate or compaction equipment to sufficiently settle and orient the individual stone facets, or as specified by the consultant.

Take care to ensure that the compaction equipment doesn't damage the root and moisture barriers, geogrid or pavement support system.

Continue backfilling the perimeter until it is backfilled within 10" (250 mm) to 12" (300 mm) of the top of the pavement support system uprights. No aggregate base course shall be placed on the top of the support system until the side backfill has been placed and compacted.

Installation of the Geogrid with Integrated Non-Woven Geotextile

Place the geogrid with integrated non-woven geotextile horizontally on top of the pavement support system allowing it to extend 12" (300 mm) vertically down the sides of the pavement support system and 12" (300 mm) horizontally away from the pavement support system. For seams, overlap geogrid with integrated non-woven geotextile a minimum 8" (200 mm).

Installation of Aggregate Base Course for Pavement

Continue backfilling the perimeter and top of the pavement support system in 4" (100 mm) lifts, until specified depth is reached.

For compactable materials, each lift shall be compacted shall be compacted using a vibratory plate or compaction equipment to a minimum of 95% of the standard proctor density. For self-compacting stone materials, each lift shall be compacted using a vibratory plate or compaction equipment to sufficiently settle and orient the individual stone facets, or as specified by the consultant.

Only low-pressure tire or track vehicles shall be operated over the pavement support system during construction. No machinery should drive on top of the pavement support system until a minimum backfill and compaction is achieved. Dump trucks and heavy equipment shall not be operated within the pavement support system limits of excavation at any time. Where necessary the heavy equipment should unload in an area adjacent to the pavement support system and the material should be moved over the system with low-pressure tire or track equipment.

Ensure that all unrelated construction traffic is kept away from the limits of excavation until the project is complete and final surface materials are in place. No non-installation related loading should be allowed over the support system until the final design section has been constructed (including pavement).

Place surfacing or paving materials over the pavement support system with care to avoid displacement of cover fill and damage to surrounding areas.

Site Quality Control

Compaction Tests: Testing agency shall perform compaction testing on sub-grade and on each layer of fill to determine compliance with specified compaction. Determine method and frequency of testing in consultation with Consultant and WI DOT Standards.

Installation of Concrete Curbs at Tree Openings

Confirm exact location of tree pit openings. Cut geocomposite layer and fold back to expose tree pit opening. If specified, position the pre-formed root management system in the tree pit opening.

Form and pour concrete curbs along planting areas and tree pit openings as shown on the drawings to prevent the aggregate base course from migrating into the planting soil.

Installation of Root Barrier within the Tree Pit Openings

Place the ribbed root barrier around the inside of the tree pit opening with ribs facing toward the tree. Extend ribbed root barrier down to top of the pavement support system and up to level of planting soil within the tree pit. Lap root barrier joints 8" (200mm) and tape both sides of joint.

Cleaning and Protection

Perform clean up during installation and upon completion of each phase of the work. Maintain the site free of soil, sediment, trash and debris. Remove excess soil materials, debris, and equipment from the site following completion of each phase of the work.

Repair damage to adjacent materials and surfaces resulting from installation of this work using mechanics skilled in remedial work of the construction type and trades affected.

Closeout Activities

Provide manufacturer's warranty.

D Measurement

The department will measure the Soil Cell System as a lump sum, acceptably completed.

E Payment

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

ITEM NUMBER	DESCRIPTION	UNIT
SPV.0105.02	Soil Cell System – Stage 1	LS
SPV.0105.03	Soil Cell System – Stage 2	LS

Payment is full compensation for all excavation, grading, shaping and compacting: and for furnishing and installing soil cell items as described in this special provision at the locations indicated on the plan drawings, including any touch-up and repairs.

74. Salvaged Brick Pavers, Item SPV.0165.01.

A Description

This special provision describes the salvage and return of all brick pavers.

B (Vacant)

C Construction

Return brick pavers to the City of Waupaca loaded and secured on pallets to the City of Public Works department at 111 S. Main Street, Waupaca, WI 54981. Contact Justin Berrens, Director of Public Works, to coordinate drop off of the above materials at (715) 258-4420.

D Measurement

The department will measure Salvaged Brick Pavers in area by the square foot, as measured in the field, in place before removal, 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	Salvaged Brick Pavers	SF

Payment is full compensation for removing and delivering Salvaged Brick Pavers, including the pallets, banding, wrapping or other means to secure the brick pavers to the pallet.

75. Concrete Pavement HES 7-Inch, Item SPV.0180.01.

A Description

This special provision describes furnishing and installing concrete pavement HES 7-Inch according to the plan details, the pertinent requirements of standard spec 415 and as provided in this special provision.

B Materials

Provide concrete as specified under standard spec 415.2.1

C Construction

Construct according to standard spec 415.3.

D Measurement

The department will measure Concrete Pavement HES 7-Inch by the square yard, acceptably completed.

E Payment

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

ITEM NUMBER	DESCRIPTION	UNIT
SPV.0180.01	Concrete Pavement HES 7-Inch	SY

Payment is full compensation for providing and placing Concrete Pavement HES 7-Inch.

**76. Sanitary Manhole Excess Depth 4-FT Diameter, Item SPV.0200.01;
Sanitary Manhole Excess Depth 5-FT Diameter, Item SPV.0200.02.**

A Description

This special provision describes furnishing and installing sanitary manholes in excess of 8 feet in depth as shown on the plans and provided by these specifications.

B Materials

The material for excess sanitary manhole depth shall conform to the requirements as listed in the item Sanitary Manhole with Casting.

C Construction

Construct Excess Sanitary Sewer Manhole Depth according to requirements as listed in item Sanitary Manhole with Casting.

D Measurement

The department will measure Sanitary Manhole Excess Depth (size) by vertical feet in excess of 8 feet from finished top of casting to invert of the manhole, complete in place.

E Payment

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

ITEM NUMBER	DESCRIPTION	UNIT
SPV.0200.01	Sanitary Manhole Excess Depth 4-FT Diameter	VF
SPV.0200.02	Sanitary Manhole Excess Depth 5-FT Diameter	VF

Payment is full compensation to add height to outside drops on structures.

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

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

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

I. BASIC CONCEPTS

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

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

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

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

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

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

Contract Goal: To maintain the intent of the Equal Employment Opportunity program, it is a goal that 2 (*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

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 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
- (3) Participate in and document a substantive conversation with at least one DBE firm per Let, to discuss questions, concerns, and any other contract related matters that may be applicable to the DBE firm. Guidelines for this conversation are provided in Appendix A of ASP-3.
- (4) Request quotes by identifying potential items to subcontract and solicit. In their initial contacts, contractors are strongly encouraged to include a single page, detailed list of items for which they are accepting quotes, by project, within a letting. *See attached sample entitled "Sample Contractor Solicitation Letter" in Appendix B.* Prime contractors should also indicate a willingness to accept quotes in areas they are planning to perform themselves, as required by federal rules. In some cases, it might be appropriate to use DBE firms to do work in a prime contractor's area of specialization.

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

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

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

- c. Requesting Good Faith Effort Evaluation: At the time of bid- if the DBE goal is not met in full, the prime contractor must 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

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

*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 + 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 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

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
 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: _____
 Fax: _____
 Email: _____

Phone: _____
 Fax: _____
 Email: _____

Please circle the jobs and items you will be quoting below

Proposal No.	1	2	3	4	5	6	7
County							

WORK DESCRIPTION:

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 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

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

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:	Letting Date:	
County:	Total Value of Prime Contract:	
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.	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	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	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=		
					O= L=		
					O= L=		
					O= L=		
		SUBTOTAL DBE \$ VALUE	A (\$) \$ -	TOTAL %	#DIV/0!		
			V (\$) \$ -	TOTAL %	#DIV/0!		
		GRAND TOTAL DBE \$ VALUE	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		X	
	A \$	%		(Authorized Agent)
	V \$	%		Date
A = Assigned (DBE Conscious) V = Voluntary (DBE Neutral)	Total \$	%		Preferred submission method: DBE_Alert@dot.wi.gov
	Signature:			Or:
	Date:			Mail to: Wisconsin Department of Transportation
	DBE goal waiver granted: Yes	No		DBE Programs Office, 5th Floor PO Box 7986 Madison, WI 53707-7986
Proposal Number :				

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

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:			
FOR PRIME CONTRACTORS ONLY: I certify that I made arrangements with the participating DBE firm to perform the type of work listed or supply the material indicated above for the subcontract value listed above.		Prime Contractor Representative's Signature	
		Prime Contractor Representative's Name (Print Name)	
		Prime Contractor (Print Company Name)	
		Date	
FOR PARTICIPATING DBE FIRMS ONLY: I certify that I made arrangements with the Prime Contractor or the Hiring Contractor to perform the type of work or supply the material indicated above for the subcontract value listed above.		Participating DBE Firm Representative's Signature	
		Participating DBE Firm Representative's Name (Print Name)	
		Participating DBE Firm (Print Company Name)	
		Date	
FOR DBE TRUCKING FIRMS ONLY: I certify that I will utilize, for DBE credit, only trucks listed on my WisDOT approved Schedule of Owned/Leased Vehicles for DBE Credit form and I will be utilizing the number of trucks and material hauled as listed below.			
# Owned Trucks	# Leased Trucks	# Estimated Tons/C.Y.	Material(s) Hauled

Official Form DT1506 can be found here: 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

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

Individual	The individual or a duly authorized agent.
Partnership	A partner or a duly authorized agent.
Joint venture	A member or a duly authorized agent of at least one of the joint venture firms.
Corporation	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.
Limited liability company	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.

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-bus/contractors/hcci/bid-let.aspx>

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 ^[1]	15.0 min ^[2]	16.0 - 17.5	16.0 min	17.0 min

^[1] 14.5 for LT and MT mixes.

^[2] 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 ^[1]	43 ^[1]	45	45
Sand Equivalency (AASHTO T176, min)	40	40 ^[2]	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 ^[3]	<= 89.0 ^[3]	<= 89.0	___
% Gmm Nmax	<= 98.0	<= 98.0	<= 98.0	<= 98.0
Dust to Binder Ratio ^[4] (% passing 0.075/Pbe)	0.6 - 1.2 ^[5]	0.6 - 1.2 ^[5]	0.6 - 1.2 ^[5]	1.2 - 2.0
Voids filled with Binder (VFB or VFA, %)	68 - 80 ^{[6] [8]}	65 - 75 ^{[6] [7] [9]}	65 - 75 ^{[6] [7] [9]}	70 - 80
Tensile Strength Ratio (TSR) (AASHTO T283) ^{[10] [11]}				
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

^[1] For No 6 (4.75 mm) nominal maximum size mixes, the specified fine aggregate angularity is 43 for LT and 45 MT mixes.

^[2] For No 6 (4.75 mm) nominal maximum size mixes, the specified sand equivalency is 43 for MT mixes.

^[3] The percent maximum density at initial compaction is only a guideline.

^[4] 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.

^[5] 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.

^[6] 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.

^[7] For No. 5 (9.5mm) and No. 4 (12.5 mm) nominal maximum size mixtures, the specified VFB range is 70 - 76 percent.

^[8] For No. 2 (25.0mm) nominal maximum size mixes, the specified VFB lower limit is 67 percent.

^[9] For No. 1 (37.5mm) nominal maximum size mixes, the specified VFB lower limit is 67 percent.

^[10] WisDOT eliminates freeze-thaw conditioning cycles from the TSR test procedure.

^[11] 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 1st Tier and DBE Payments During Construction
1. Comply with reporting requirements specified in the department's Civil Rights Compliance, Contractor's User Manual, Sublets and Payments.
 2. Report payments to all DBE firms within 10 calendar days of receipt of a progress payment by the department or a contractor for work performed, materials furnished, or materials stockpiled by a DBE firm. Report the payment as specified in A(1) for all work satisfactorily performed and for all materials furnished or stockpiled.
 3. Report payments to all first tier subcontractor relationships within 10 calendar days of receipt of a progress payment by the department for work performed. Report the payment as specified in A(1) for all work satisfactorily performed.
 4. All tiers shall report payments as necessary to comply with the DBE payment requirement as specified in A(2).
 5. Require all first tier relationships, DBE firms and all other tier relationships necessary to comply with the DBE payment requirement in receipt of a progress payment by contractor to acknowledge receipt of payment as specified in A(1), (2), (3) and (4).
 6. All agreements made by a contractor shall include the provisions in A(1), (2), (3), (4) and (5), and shall be binding on all first tier subcontractor relationships and all contractors and subcontractors utilizing DBE firms on the project.
- B. Costs for conforming to this special provision are incidental to the contract.

NOTE: CRCS Prime Contractor payment is currently not automated and will need to be manually loaded into the Civil Rights Compliance System. Copies of prime contractor payments received (check or ACH) will have to be forwarded to paul.ndon@dot.wi.gov within 5 days of payment receipt to be logged manually.

***Additionally, for information on Subcontractor Sublet assignments, Subcontractor Payments and Payment Tracking, please refer to the CRCS Payment and Sublets manual at:

<https://wisconsindot.gov/Documents/doing-bus/civil-rights/labornwage/crcs-payments-sublets-manual.pdf>

ADDITIONAL SPECIAL PROVISION 9 Electronic Certified Payroll or Labor Data Submittal

(1) Use the department's Civil Rights Compliance System (CRCS) to electronically submit certified payroll reports for contracts with federal funds and labor data for contracts with state funds only. Details are available online through the department's highway construction contractor information (HCCI) site on the Labor, Wages, and EEO Information page at:

<https://wisconsindot.gov/Pages/doing-bus/civil-rights/labornwage/default.aspx>

(2) Ensure that all tiers of subcontractors, including all trucking firms, either submit their weekly certified payroll reports (contracts with federal funds) or labor data (contracts with state funds only) electronically through CRCS. These payrolls or labor data are due within seven calendar days following the close of the payroll period. Every firm providing physical labor towards completing the project is a subcontractor under this special provision.

(3) Upon receipt of contract execution, promptly make all affected firms aware of the requirements under this special provision and arrange for them to receive CRCS training as they are about to begin their submittals. The department will provide training either in a classroom setting at one of our regional offices or by telephone. Contact Paul Ndon at (414) 438-4584 to schedule the training.

(4) The department will reject all paper submittals for information required under this special provision. All costs for conforming to this special provision are incidental to the contract.

(5) Firms wishing to export payroll/labor data from their computer system into CRCS should have their payroll coordinator contact Paul Ndon at paul.ndon@dot.wi.gov. Not every contractor's payroll system is capable of producing export files. For details, see Section 4.8 CPR Auto Submit (Data Mapping) on pages 49-50; 66-71 of the CRCS Payroll Manual at:

<https://wisconsindot.gov/Documents/doing-bus/civil-rights/labornwage/crcs-payroll-manual.pdf>

**REQUIRED CONTRACT PROVISIONS
FEDERAL-AID CONSTRUCTION CONTRACTS**

- I. General
- II. Nondiscrimination
- III. Nonsegregated Facilities
- IV. Davis-Bacon and Related Act Provisions
- V. Contract Work Hours and Safety Standards Act Provisions
- VI. Subletting or Assigning the Contract
- VII. Safety: Accident Prevention
- VIII. False Statements Concerning Highway Projects
- IX. Implementation of Clean Air Act and Federal Water Pollution Control Act
- X. Compliance with Governmentwide Suspension and Debarment Requirements
- XI. Certification Regarding Use of Contract Funds for Lobbying

ATTACHMENTS

A. Employment and Materials Preference for Appalachian Development Highway System or Appalachian Local Access Road Contracts (included in Appalachian contracts only)

I. GENERAL

1. Form FHWA-1273 must be physically incorporated in each construction contract funded under Title 23 (excluding emergency contracts solely intended for debris removal). The contractor (or subcontractor) must insert this form in each subcontract and further require its inclusion in all lower tier subcontracts (excluding purchase orders, rental agreements and other agreements for supplies or services).

The applicable requirements of Form FHWA-1273 are incorporated by reference for work done under any purchase order, rental agreement or agreement for other services. The prime contractor shall be responsible for compliance by any subcontractor, lower-tier subcontractor or service provider.

Form FHWA-1273 must be included in all Federal-aid design-build contracts, in all subcontracts and in lower tier subcontracts (excluding subcontracts for design services, purchase orders, rental agreements and other agreements for supplies or services). The design-builder shall be responsible for compliance by any subcontractor, lower-tier subcontractor or service provider.

Contracting agencies may reference Form FHWA-1273 in bid proposal or request for proposal documents, however, the Form FHWA-1273 must be physically incorporated (not referenced) in all contracts, subcontracts and lower-tier subcontracts (excluding purchase orders, rental agreements and other agreements for supplies or services related to a construction contract).

2. Subject to the applicability criteria noted in the following sections, these contract provisions shall apply to all work performed on the contract by the contractor's own organization and with the assistance of workers under the contractor's immediate superintendence and to all work performed on the contract by piecework, station work, or by subcontract.

3. A breach of any of the stipulations contained in these Required Contract Provisions may be sufficient grounds for withholding of progress payments, withholding of final payment, termination of the contract, suspension / debarment or any other action determined to be appropriate by the contracting agency and FHWA.

4. Selection of Labor: During the performance of this contract, the contractor shall not use convict labor for any purpose within the limits of a construction project on a Federal-aid highway unless it is labor performed by convicts who are on parole, supervised release, or probation. The term Federal-aid highway does not include roadways functionally classified as local roads or rural minor collectors.

II. NONDISCRIMINATION

The provisions of this section related to 23 CFR Part 230 are applicable to all Federal-aid construction contracts and to all related construction subcontracts of \$10,000 or more. The provisions of 23 CFR Part 230 are not applicable to material supply, engineering, or architectural service contracts.

In addition, the contractor and all subcontractors must comply with the following policies: Executive Order 11246, 41 CFR 60, 29 CFR 1625-1627, Title 23 USC Section 140, the Rehabilitation Act of 1973, as amended (29 USC 794), Title VI of the Civil Rights Act of 1964, as amended, and related regulations including 49 CFR Parts 21, 26 and 27; and 23 CFR Parts 200, 230, and 633.

The contractor and all subcontractors must comply with: the requirements of the Equal Opportunity Clause in 41 CFR 60-1.4(b) and, for all construction contracts exceeding \$10,000, the Standard Federal Equal Employment Opportunity Construction Contract Specifications in 41 CFR 60-4.3.

Note: The U.S. Department of Labor has exclusive authority to determine compliance with Executive Order 11246 and the policies of the Secretary of Labor including 41 CFR 60, and 29 CFR 1625-1627. The contracting agency and the FHWA have the authority and the responsibility to ensure compliance with Title 23 USC Section 140, the Rehabilitation Act of 1973, as amended (29 USC 794), and Title VI of the Civil Rights Act of 1964, as amended, and related regulations including 49 CFR Parts 21, 26 and 27; and 23 CFR Parts 200, 230, and 633.

The following provision is adopted from 23 CFR 230, Appendix A, with appropriate revisions to conform to the U.S. Department of Labor (US DOL) and FHWA requirements.

1. Equal Employment Opportunity: Equal employment opportunity (EEO) requirements not to discriminate and to take affirmative action to assure equal opportunity as set forth under laws, executive orders, rules, regulations (28 CFR 35, 29 CFR 1630, 29 CFR 1625-1627, 41 CFR 60 and 49 CFR 27) and orders of the Secretary of Labor as modified by the provisions prescribed herein, and imposed pursuant to 23 U.S.C. 140 shall constitute the EEO and specific affirmative action standards for the contractor's project activities under

this contract. The provisions of the Americans with Disabilities Act of 1990 (42 U.S.C. 12101 et seq.) set forth under 28 CFR 35 and 29 CFR 1630 are incorporated by reference in this contract. In the execution of this contract, the contractor agrees to comply with the following minimum specific requirement activities of EEO:

a. The contractor will work with the contracting agency and the Federal Government to ensure that it has made every good faith effort to provide equal opportunity with respect to all of its terms and conditions of employment and in their review of activities under the contract.

b. The contractor will accept as its operating policy the following statement:

"It is the policy of this Company to assure that applicants are employed, and that employees are treated during employment, without regard to their race, religion, sex, color, national origin, age or disability. Such action shall include: employment, upgrading, demotion, or transfer; recruitment or recruitment advertising; layoff or termination; rates of pay or other forms of compensation; and selection for training, including apprenticeship, pre-apprenticeship, and/or on-the-job training."

2. EEO Officer: The contractor will designate and make known to the contracting officers an EEO Officer who will have the responsibility for and must be capable of effectively administering and promoting an active EEO program and who must be assigned adequate authority and responsibility to do so.

3. Dissemination of Policy: All members of the contractor's staff who are authorized to hire, supervise, promote, and discharge employees, or who recommend such action, or who are substantially involved in such action, will be made fully cognizant of, and will implement, the contractor's EEO policy and contractual responsibilities to provide EEO in each grade and classification of employment. To ensure that the above agreement will be met, the following actions will be taken as a minimum:

a. Periodic meetings of supervisory and personnel office employees will be conducted before the start of work and then not less often than once every six months, at which time the contractor's EEO policy and its implementation will be reviewed and explained. The meetings will be conducted by the EEO Officer.

b. All new supervisory or personnel office employees will be given a thorough indoctrination by the EEO Officer, covering all major aspects of the contractor's EEO obligations within thirty days following their reporting for duty with the contractor.

c. All personnel who are engaged in direct recruitment for the project will be instructed by the EEO Officer in the contractor's procedures for locating and hiring minorities and women.

d. Notices and posters setting forth the contractor's EEO policy will be placed in areas readily accessible to employees, applicants for employment and potential employees.

e. The contractor's EEO policy and the procedures to implement such policy will be brought to the attention of employees by means of meetings, employee handbooks, or other appropriate means.

4. Recruitment: When advertising for employees, the contractor will include in all advertisements for employees the notation: "An Equal Opportunity Employer." All such advertisements will be placed in publications having a large circulation among minorities and women in the area from which the project work force would normally be derived.

a. The contractor will, unless precluded by a valid bargaining agreement, conduct systematic and direct recruitment through public and private employee referral sources likely to yield qualified minorities and women. To meet this requirement, the contractor will identify sources of potential minority group employees, and establish with such identified sources procedures whereby minority and women applicants may be referred to the contractor for employment consideration.

b. In the event the contractor has a valid bargaining agreement providing for exclusive hiring hall referrals, the contractor is expected to observe the provisions of that agreement to the extent that the system meets the contractor's compliance with EEO contract provisions. Where implementation of such an agreement has the effect of discriminating against minorities or women, or obligates the contractor to do the same, such implementation violates Federal nondiscrimination provisions.

c. The contractor will encourage its present employees to refer minorities and women as applicants for employment. Information and procedures with regard to referring such applicants will be discussed with employees.

5. Personnel Actions: Wages, working conditions, and employee benefits shall be established and administered, and personnel actions of every type, including hiring, upgrading, promotion, transfer, demotion, layoff, and termination, shall be taken without regard to race, color, religion, sex, national origin, age or disability. The following procedures shall be followed:

a. The contractor will conduct periodic inspections of project sites to insure that working conditions and employee facilities do not indicate discriminatory treatment of project site personnel.

b. The contractor will periodically evaluate the spread of wages paid within each classification to determine any evidence of discriminatory wage practices.

c. The contractor will periodically review selected personnel actions in depth to determine whether there is evidence of discrimination. Where evidence is found, the contractor will promptly take corrective action. If the review indicates that the discrimination may extend beyond the actions reviewed, such corrective action shall include all affected persons.

d. The contractor will promptly investigate all complaints of alleged discrimination made to the contractor in connection with its obligations under this contract, will attempt to resolve such complaints, and will take appropriate corrective action within a reasonable time. If the investigation indicates that the discrimination may affect persons other than the complainant, such corrective action shall include such other persons. Upon completion of each investigation, the contractor will inform every complainant of all of their avenues of appeal.

6. Training and Promotion:

a. The contractor will assist in locating, qualifying, and increasing the skills of minorities and women who are

applicants for employment or current employees. Such efforts should be aimed at developing full journey level status employees in the type of trade or job classification involved.

b. Consistent with the contractor's work force requirements and as permissible under Federal and State regulations, the contractor shall make full use of training programs, i.e., apprenticeship, and on-the-job training programs for the geographical area of contract performance. In the event a special provision for training is provided under this contract, this subparagraph will be superseded as indicated in the special provision. The contracting agency may reserve training positions for persons who receive welfare assistance in accordance with 23 U.S.C. 140(a).

c. The contractor will advise employees and applicants for employment of available training programs and entrance requirements for each.

d. The contractor will periodically review the training and promotion potential of employees who are minorities and women and will encourage eligible employees to apply for such training and promotion.

7. Unions: If the contractor relies in whole or in part upon unions as a source of employees, the contractor will use good faith efforts to obtain the cooperation of such unions to increase opportunities for minorities and women. Actions by the contractor, either directly or through a contractor's association acting as agent, will include the procedures set forth below:

a. The contractor will use good faith efforts to develop, in cooperation with the unions, joint training programs aimed toward qualifying more minorities and women for membership in the unions and increasing the skills of minorities and women so that they may qualify for higher paying employment.

b. The contractor will use good faith efforts to incorporate an EEO clause into each union agreement to the end that such union will be contractually bound to refer applicants without regard to their race, color, religion, sex, national origin, age or disability.

c. The contractor is to obtain information as to the referral practices and policies of the labor union except that to the extent such information is within the exclusive possession of the labor union and such labor union refuses to furnish such information to the contractor, the contractor shall so certify to the contracting agency and shall set forth what efforts have been made to obtain such information.

d. In the event the union is unable to provide the contractor with a reasonable flow of referrals within the time limit set forth in the collective bargaining agreement, the contractor will, through independent recruitment efforts, fill the employment vacancies without regard to race, color, religion, sex, national origin, age or disability; making full efforts to obtain qualified and/or qualifiable minorities and women. The failure of a union to provide sufficient referrals (even though it is obligated to provide exclusive referrals under the terms of a collective bargaining agreement) does not relieve the contractor from the requirements of this paragraph. In the event the union referral practice prevents the contractor from meeting the obligations pursuant to Executive Order 11246, as amended, and these special provisions, such contractor shall immediately notify the contracting agency.

8. Reasonable Accommodation for Applicants / Employees with Disabilities: The contractor must be familiar

with the requirements for and comply with the Americans with Disabilities Act and all rules and regulations established there under. Employers must provide reasonable accommodation in all employment activities unless to do so would cause an undue hardship.

9. Selection of Subcontractors, Procurement of Materials and Leasing of Equipment: The contractor shall not discriminate on the grounds of race, color, religion, sex, national origin, age or disability in the selection and retention of subcontractors, including procurement of materials and leases of equipment. The contractor shall take all necessary and reasonable steps to ensure nondiscrimination in the administration of this contract.

a. The contractor shall notify all potential subcontractors and suppliers and lessors of their EEO obligations under this contract.

b. The contractor will use good faith efforts to ensure subcontractor compliance with their EEO obligations.

10. Assurance Required by 49 CFR 26.13(b):

a. The requirements of 49 CFR Part 26 and the State DOT's U.S. DOT-approved DBE program are incorporated by reference.

b. The contractor or subcontractor shall not discriminate on the basis of race, color, national origin, or sex in the performance of this contract. The contractor shall carry out applicable requirements of 49 CFR Part 26 in the award and administration of DOT-assisted contracts. Failure by the contractor to carry out these requirements is a material breach of this contract, which may result in the termination of this contract or such other remedy as the contracting agency deems appropriate.

11. Records and Reports: The contractor shall keep such records as necessary to document compliance with the EEO requirements. Such records shall be retained for a period of three years following the date of the final payment to the contractor for all contract work and shall be available at reasonable times and places for inspection by authorized representatives of the contracting agency and the FHWA.

a. The records kept by the contractor shall document the following:

(1) The number and work hours of minority and non-minority group members and women employed in each work classification on the project;

(2) The progress and efforts being made in cooperation with unions, when applicable, to increase employment opportunities for minorities and women; and

(3) The progress and efforts being made in locating, hiring, training, qualifying, and upgrading minorities and women;

b. The contractors and subcontractors will submit an annual report to the contracting agency each July for the duration of the project, indicating the number of minority, women, and non-minority group employees currently engaged in each work classification required by the contract work. This information is to be reported on [Form FHWA-1391](#). The staffing data should represent the project work force on board in all or any part of the last payroll period preceding the end of July. If on-the-job training is being required by special provision, the contractor

will be required to collect and report training data. The employment data should reflect the work force on board during all or any part of the last payroll period preceding the end of July.

III. NONSEGREGATED FACILITIES

This provision is applicable to all Federal-aid construction contracts and to all related construction subcontracts of \$10,000 or more.

The contractor must ensure that facilities provided for employees are provided in such a manner that segregation on the basis of race, color, religion, sex, or national origin cannot result. The contractor may neither require such segregated use by written or oral policies nor tolerate such use by employee custom. The contractor's obligation extends further to ensure that its employees are not assigned to perform their services at any location, under the contractor's control, where the facilities are segregated. The term "facilities" includes waiting rooms, work areas, restaurants and other eating areas, time clocks, restrooms, washrooms, locker rooms, and other storage or dressing areas, parking lots, drinking fountains, recreation or entertainment areas, transportation, and housing provided for employees. The contractor shall provide separate or single-user restrooms and necessary dressing or sleeping areas to assure privacy between sexes.

IV. DAVIS-BACON AND RELATED ACT PROVISIONS

This section is applicable to all Federal-aid construction projects exceeding \$2,000 and to all related subcontracts and lower-tier subcontracts (regardless of subcontract size). The requirements apply to all projects located within the right-of-way of a roadway that is functionally classified as Federal-aid highway. This excludes roadways functionally classified as local roads or rural minor collectors, which are exempt. Contracting agencies may elect to apply these requirements to other projects.

The following provisions are from the U.S. Department of Labor regulations in 29 CFR 5.5 "Contract provisions and related matters" with minor revisions to conform to the FHWA-1273 format and FHWA program requirements.

1. Minimum wages

a. All laborers and mechanics employed or working upon the site of the work, will be paid unconditionally and not less often than once a week, and without subsequent deduction or rebate on any account (except such payroll deductions as are permitted by regulations issued by the Secretary of Labor under the Copeland Act (29 CFR part 3)), the full amount of wages and bona fide fringe benefits (or cash equivalents thereof) due at time of payment computed at rates not less than those contained in the wage determination of the Secretary of Labor which is attached hereto and made a part hereof, regardless of any contractual relationship which may be alleged to exist between the contractor and such laborers and mechanics.

Contributions made or costs reasonably anticipated for bona fide fringe benefits under section 1(b)(2) of the Davis-Bacon Act on behalf of laborers or mechanics are considered wages paid to such laborers or mechanics, subject to the provisions

of paragraph 1.d. of this section; also, regular contributions made or costs incurred for more than a weekly period (but not less often than quarterly) under plans, funds, or programs which cover the particular weekly period, are deemed to be constructively made or incurred during such weekly period. Such laborers and mechanics shall be paid the appropriate wage rate and fringe benefits on the wage determination for the classification of work actually performed, without regard to skill, except as provided in 29 CFR 5.5(a)(4). Laborers or mechanics performing work in more than one classification may be compensated at the rate specified for each classification for the time actually worked therein: Provided, That the employer's payroll records accurately set forth the time spent in each classification in which work is performed. The wage determination (including any additional classification and wage rates conformed under paragraph 1.b. of this section) and the Davis-Bacon poster (WH-1321) shall be posted at all times by the contractor and its subcontractors at the site of the work in a prominent and accessible place where it can be easily seen by the workers.

b.(1) The contracting officer shall require that any class of laborers or mechanics, including helpers, which is not listed in the wage determination and which is to be employed under the contract shall be classified in conformance with the wage determination. The contracting officer shall approve an additional classification and wage rate and fringe benefits therefore only when the following criteria have been met:

(i) The work to be performed by the classification requested is not performed by a classification in the wage determination; and

(ii) The classification is utilized in the area by the construction industry; and

(iii) The proposed wage rate, including any bona fide fringe benefits, bears a reasonable relationship to the wage rates contained in the wage determination.

(2) If the contractor and the laborers and mechanics to be employed in the classification (if known), or their representatives, and the contracting officer agree on the classification and wage rate (including the amount designated for fringe benefits where appropriate), a report of the action taken shall be sent by the contracting officer to the Administrator of the Wage and Hour Division, Employment Standards Administration, U.S. Department of Labor, Washington, DC 20210. The Administrator, or an authorized representative, will approve, modify, or disapprove every additional classification action within 30 days of receipt and so advise the contracting officer or will notify the contracting officer within the 30-day period that additional time is necessary.

(3) In the event the contractor, the laborers or mechanics to be employed in the classification or their representatives, and the contracting officer do not agree on the proposed classification and wage rate (including the amount designated for fringe benefits, where appropriate), the contracting officer shall refer the questions, including the views of all interested parties and the recommendation of the contracting officer, to the Wage and Hour Administrator for determination. The Wage and Hour Administrator, or an authorized representative, will issue a determination within 30 days of receipt and so advise the contracting officer or

will notify the contracting officer within the 30-day period that additional time is necessary.

(4) The wage rate (including fringe benefits where appropriate) determined pursuant to paragraphs 1.b.(2) or 1.b.(3) of this section, shall be paid to all workers performing work in the classification under this contract from the first day on which work is performed in the classification.

c. Whenever the minimum wage rate prescribed in the contract for a class of laborers or mechanics includes a fringe benefit which is not expressed as an hourly rate, the contractor shall either pay the benefit as stated in the wage determination or shall pay another bona fide fringe benefit or an hourly cash equivalent thereof.

d. If the contractor does not make payments to a trustee or other third person, the contractor may consider as part of the wages of any laborer or mechanic the amount of any costs reasonably anticipated in providing bona fide fringe benefits under a plan or program. Provided, That the Secretary of Labor has found, upon the written request of the contractor, that the applicable standards of the Davis-Bacon Act have been met. The Secretary of Labor may require the contractor to set aside in a separate account assets for the meeting of obligations under the plan or program.

2. Withholding

The contracting agency shall upon its own action or upon written request of an authorized representative of the Department of Labor, withhold or cause to be withheld from the contractor under this contract, or any other Federal contract with the same prime contractor, or any other federally-assisted contract subject to Davis-Bacon prevailing wage requirements, which is held by the same prime contractor, so much of the accrued payments or advances as may be considered necessary to pay laborers and mechanics, including apprentices, trainees, and helpers, employed by the contractor or any subcontractor the full amount of wages required by the contract. In the event of failure to pay any laborer or mechanic, including any apprentice, trainee, or helper, employed or working on the site of the work, all or part of the wages required by the contract, the contracting agency may, after written notice to the contractor, take such action as may be necessary to cause the suspension of any further payment, advance, or guarantee of funds until such violations have ceased.

3. Payrolls and basic records

a. Payrolls and basic records relating thereto shall be maintained by the contractor during the course of the work and preserved for a period of three years thereafter for all laborers and mechanics working at the site of the work. Such records shall contain the name, address, and social security number of each such worker, his or her correct classification, hourly rates of wages paid (including rates of contributions or costs anticipated for bona fide fringe benefits or cash equivalents thereof of the types described in section 1(b)(2)(B) of the Davis-Bacon Act), daily and weekly number of hours worked, deductions made and actual wages paid. Whenever the Secretary of Labor has found under 29 CFR 5.5(a)(1)(iv) that the wages of any laborer or mechanic include the amount of any costs reasonably anticipated in providing benefits under a plan or program described in section 1(b)(2)(B) of the Davis-

Bacon Act, the contractor shall maintain records which show that the commitment to provide such benefits is enforceable, that the plan or program is financially responsible, and that the plan or program has been communicated in writing to the laborers or mechanics affected, and records which show the costs anticipated or the actual cost incurred in providing such benefits. Contractors employing apprentices or trainees under approved programs shall maintain written evidence of the registration of apprenticeship programs and certification of trainee programs, the registration of the apprentices and trainees, and the ratios and wage rates prescribed in the applicable programs.

b.(1) The contractor shall submit weekly for each week in which any contract work is performed a copy of all payrolls to the contracting agency. The payrolls submitted shall set out accurately and completely all of the information required to be maintained under 29 CFR 5.5(a)(3)(i), except that full social security numbers and home addresses shall not be included on weekly transmittals. Instead the payrolls shall only need to include an individually identifying number for each employee (e.g., the last four digits of the employee's social security number). The required weekly payroll information may be submitted in any form desired. Optional Form WH-347 is available for this purpose from the Wage and Hour Division Web site at <http://www.dol.gov/esa/whd/forms/wh347instr.htm> or its successor site. The prime contractor is responsible for the submission of copies of payrolls by all subcontractors. Contractors and subcontractors shall maintain the full social security number and current address of each covered worker, and shall provide them upon request to the contracting agency for transmission to the State DOT, the FHWA or the Wage and Hour Division of the Department of Labor for purposes of an investigation or audit of compliance with prevailing wage requirements. It is not a violation of this section for a prime contractor to require a subcontractor to provide addresses and social security numbers to the prime contractor for its own records, without weekly submission to the contracting agency..

(2) Each payroll submitted shall be accompanied by a "Statement of Compliance," signed by the contractor or subcontractor or his or her agent who pays or supervises the payment of the persons employed under the contract and shall certify the following:

(i) That the payroll for the payroll period contains the information required to be provided under §5.5 (a)(3)(ii) of Regulations, 29 CFR part 5, the appropriate information is being maintained under §5.5 (a)(3)(i) of Regulations, 29 CFR part 5, and that such information is correct and complete;

(ii) That each laborer or mechanic (including each helper, apprentice, and trainee) employed on the contract during the payroll period has been paid the full weekly wages earned, without rebate, either directly or indirectly, and that no deductions have been made either directly or indirectly from the full wages earned, other than permissible deductions as set forth in Regulations, 29 CFR part 3;

(iii) That each laborer or mechanic has been paid not less than the applicable wage rates and fringe benefits or cash equivalents for the classification of work performed, as specified in the applicable wage determination incorporated into the contract.

(3) The weekly submission of a properly executed certification set forth on the reverse side of Optional Form WH-347 shall satisfy the requirement for submission of the "Statement of Compliance" required by paragraph 3.b.(2) of this section.

(4) The falsification of any of the above certifications may subject the contractor or subcontractor to civil or criminal prosecution under section 1001 of title 18 and section 231 of title 31 of the United States Code.

c. The contractor or subcontractor shall make the records required under paragraph 3.a. of this section available for inspection, copying, or transcription by authorized representatives of the contracting agency, the State DOT, the FHWA, or the Department of Labor, and shall permit such representatives to interview employees during working hours on the job. If the contractor or subcontractor fails to submit the required records or to make them available, the FHWA may, after written notice to the contractor, the contracting agency or the State DOT, take such action as may be necessary to cause the suspension of any further payment, advance, or guarantee of funds. Furthermore, failure to submit the required records upon request or to make such records available may be grounds for debarment action pursuant to 29 CFR 5.12.

4. Apprentices and trainees

a. Apprentices (programs of the USDOL).

Apprentices will be permitted to work at less than the predetermined rate for the work they performed when they are employed pursuant to and individually registered in a bona fide apprenticeship program registered with the U.S. Department of Labor, Employment and Training Administration, Office of Apprenticeship Training, Employer and Labor Services, or with a State Apprenticeship Agency recognized by the Office, or if a person is employed in his or her first 90 days of probationary employment as an apprentice in such an apprenticeship program, who is not individually registered in the program, but who has been certified by the Office of Apprenticeship Training, Employer and Labor Services or a State Apprenticeship Agency (where appropriate) to be eligible for probationary employment as an apprentice.

The allowable ratio of apprentices to journeymen on the job site in any craft classification shall not be greater than the ratio permitted to the contractor as to the entire work force under the registered program. Any worker listed on a payroll at an apprentice wage rate, who is not registered or otherwise employed as stated above, shall be paid not less than the applicable wage rate on the wage determination for the classification of work actually performed. In addition, any apprentice performing work on the job site in excess of the ratio permitted under the registered program shall be paid not less than the applicable wage rate on the wage determination for the work actually performed. Where a contractor is performing construction on a project in a locality other than that in which its program is registered, the ratios and wage rates (expressed in percentages of the journeyman's hourly rate) specified in the contractor's or subcontractor's registered program shall be observed.

Every apprentice must be paid at not less than the rate specified in the registered program for the apprentice's level of progress, expressed as a percentage of the journeymen hourly

rate specified in the applicable wage determination. Apprentices shall be paid fringe benefits in accordance with the provisions of the apprenticeship program. If the apprenticeship program does not specify fringe benefits, apprentices must be paid the full amount of fringe benefits listed on the wage determination for the applicable classification. If the Administrator determines that a different practice prevails for the applicable apprentice classification, fringes shall be paid in accordance with that determination.

In the event the Office of Apprenticeship Training, Employer and Labor Services, or a State Apprenticeship Agency recognized by the Office, withdraws approval of an apprenticeship program, the contractor will no longer be permitted to utilize apprentices at less than the applicable predetermined rate for the work performed until an acceptable program is approved.

b. Trainees (programs of the USDOL).

Except as provided in 29 CFR 5.16, trainees will not be permitted to work at less than the predetermined rate for the work performed unless they are employed pursuant to and individually registered in a program which has received prior approval, evidenced by formal certification by the U.S. Department of Labor, Employment and Training Administration.

The ratio of trainees to journeymen on the job site shall not be greater than permitted under the plan approved by the Employment and Training Administration.

Every trainee must be paid at not less than the rate specified in the approved program for the trainee's level of progress, expressed as a percentage of the journeyman hourly rate specified in the applicable wage determination. Trainees shall be paid fringe benefits in accordance with the provisions of the trainee program. If the trainee program does not mention fringe benefits, trainees shall be paid the full amount of fringe benefits listed on the wage determination unless the Administrator of the Wage and Hour Division determines that there is an apprenticeship program associated with the corresponding journeyman wage rate on the wage determination which provides for less than full fringe benefits for apprentices. Any employee listed on the payroll at a trainee rate who is not registered and participating in a training plan approved by the Employment and Training Administration shall be paid not less than the applicable wage rate on the wage determination for the classification of work actually performed. In addition, any trainee performing work on the job site in excess of the ratio permitted under the registered program shall be paid not less than the applicable wage rate on the wage determination for the work actually performed.

In the event the Employment and Training Administration withdraws approval of a training program, the contractor will no longer be permitted to utilize trainees at less than the applicable predetermined rate for the work performed until an acceptable program is approved.

c. Equal employment opportunity. The utilization of apprentices, trainees and journeymen under this part shall be in conformity with the equal employment opportunity requirements of Executive Order 11246, as amended, and 29 CFR part 30.

d. Apprentices and Trainees (programs of the U.S. DOT).

Apprentices and trainees working under apprenticeship and skill training programs which have been certified by the Secretary of Transportation as promoting EEO in connection with Federal-aid highway construction programs are not subject to the requirements of paragraph 4 of this Section IV. The straight time hourly wage rates for apprentices and trainees under such programs will be established by the particular programs. The ratio of apprentices and trainees to journeymen shall not be greater than permitted by the terms of the particular program.

5. Compliance with Copeland Act requirements. The contractor shall comply with the requirements of 29 CFR part 3, which are incorporated by reference in this contract.

6. Subcontracts. The contractor or subcontractor shall insert Form FHWA-1273 in any subcontracts and also require the subcontractors to include Form FHWA-1273 in any lower tier subcontracts. The prime contractor shall be responsible for the compliance by any subcontractor or lower tier subcontractor with all the contract clauses in 29 CFR 5.5.

7. Contract termination: debarment. A breach of the contract clauses in 29 CFR 5.5 may be grounds for termination of the contract, and for debarment as a contractor and a subcontractor as provided in 29 CFR 5.12.

8. Compliance with Davis-Bacon and Related Act requirements. All rulings and interpretations of the Davis-Bacon and Related Acts contained in 29 CFR parts 1, 3, and 5 are herein incorporated by reference in this contract.

9. Disputes concerning labor standards. Disputes arising out of the labor standards provisions of this contract shall not be subject to the general disputes clause of this contract. Such disputes shall be resolved in accordance with the procedures of the Department of Labor set forth in 29 CFR parts 5, 6, and 7. Disputes within the meaning of this clause include disputes between the contractor (or any of its subcontractors) and the contracting agency, the U.S. Department of Labor, or the employees or their representatives.

10. Certification of eligibility.

a. By entering into this contract, the contractor certifies that neither it (nor he or she) nor any person or firm who has an interest in the contractor's firm is a person or firm ineligible to be awarded Government contracts by virtue of section 3(a) of the Davis-Bacon Act or 29 CFR 5.12(a)(1).

b. No part of this contract shall be subcontracted to any person or firm ineligible for award of a Government contract by virtue of section 3(a) of the Davis-Bacon Act or 29 CFR 5.12(a)(1).

c. The penalty for making false statements is prescribed in the U.S. Criminal Code, 18 U.S.C. 1001.

V. CONTRACT WORK HOURS AND SAFETY STANDARDS ACT

The following clauses apply to any Federal-aid construction contract in an amount in excess of \$100,000 and subject to the overtime provisions of the Contract Work Hours and Safety Standards Act. These clauses shall be inserted in addition to the clauses required by 29 CFR 5.5(a) or 29 CFR 4.6. As used in this paragraph, the terms laborers and mechanics include watchmen and guards.

1. Overtime requirements. No contractor or subcontractor contracting for any part of the contract work which may require or involve the employment of laborers or mechanics shall require or permit any such laborer or mechanic in any workweek in which he or she is employed on such work to work in excess of forty hours in such workweek unless such laborer or mechanic receives compensation at a rate not less than one and one-half times the basic rate of pay for all hours worked in excess of forty hours in such workweek.

2. Violation; liability for unpaid wages; liquidated damages. In the event of any violation of the clause set forth in paragraph (1.) of this section, the contractor and any subcontractor responsible therefor shall be liable for the unpaid wages. In addition, such contractor and subcontractor shall be liable to the United States (in the case of work done under contract for the District of Columbia or a territory, to such District or to such territory), for liquidated damages. Such liquidated damages shall be computed with respect to each individual laborer or mechanic, including watchmen and guards, employed in violation of the clause set forth in paragraph (1.) of this section, in the sum of \$10 for each calendar day on which such individual was required or permitted to work in excess of the standard workweek of forty hours without payment of the overtime wages required by the clause set forth in paragraph (1.) of this section.

3. Withholding for unpaid wages and liquidated damages. The FHWA or the contracting agency shall upon its own action or upon written request of an authorized representative of the Department of Labor withhold or cause to be withheld, from any moneys payable on account of work performed by the contractor or subcontractor under any such contract or any other Federal contract with the same prime contractor, or any other federally-assisted contract subject to the Contract Work Hours and Safety Standards Act, which is held by the same prime contractor, such sums as may be determined to be necessary to satisfy any liabilities of such contractor or subcontractor for unpaid wages and liquidated damages as provided in the clause set forth in paragraph (2.) of this section.

4. Subcontracts. The contractor or subcontractor shall insert in any subcontracts the clauses set forth in paragraph (1.) through (4.) of this section and also a clause requiring the subcontractors to include these clauses in any lower tier subcontracts. The prime contractor shall be responsible for compliance by any subcontractor or lower tier subcontractor with the clauses set forth in paragraphs (1.) through (4.) of this section.

VI. SUBLETTING OR ASSIGNING THE CONTRACT

This provision is applicable to all Federal-aid construction contracts on the National Highway System.

1. The contractor shall perform with its own organization contract work amounting to not less than 30 percent (or a greater percentage if specified elsewhere in the contract) of the total original contract price, excluding any specialty items designated by the contracting agency. Specialty items may be performed by subcontract and the amount of any such specialty items performed may be deducted from the total original contract price before computing the amount of work required to be performed by the contractor's own organization (23 CFR 635.116).

a. The term "perform work with its own organization" refers to workers employed or leased by the prime contractor, and equipment owned or rented by the prime contractor, with or without operators. Such term does not include employees or equipment of a subcontractor or lower tier subcontractor, agents of the prime contractor, or any other assignees. The term may include payments for the costs of hiring leased employees from an employee leasing firm meeting all relevant Federal and State regulatory requirements. Leased employees may only be included in this term if the prime contractor meets all of the following conditions:

(1) the prime contractor maintains control over the supervision of the day-to-day activities of the leased employees;

(2) the prime contractor remains responsible for the quality of the work of the leased employees;

(3) the prime contractor retains all power to accept or exclude individual employees from work on the project; and

(4) the prime contractor remains ultimately responsible for the payment of predetermined minimum wages, the submission of payrolls, statements of compliance and all other Federal regulatory requirements.

b. "Specialty Items" shall be construed to be limited to work that requires highly specialized knowledge, abilities, or equipment not ordinarily available in the type of contracting organizations qualified and expected to bid or propose on the contract as a whole and in general are to be limited to minor components of the overall contract.

2. The contract amount upon which the requirements set forth in paragraph (1) of Section VI is computed includes the cost of material and manufactured products which are to be purchased or produced by the contractor under the contract provisions.

3. The contractor shall furnish (a) a competent superintendent or supervisor who is employed by the firm, has full authority to direct performance of the work in accordance with the contract requirements, and is in charge of all construction operations (regardless of who performs the work) and (b) such other of its own organizational resources (supervision, management, and engineering services) as the contracting officer determines is necessary to assure the performance of the contract.

4. No portion of the contract shall be sublet, assigned or otherwise disposed of except with the written consent of the contracting officer, or authorized representative, and such consent when given shall not be construed to relieve the contractor of any responsibility for the fulfillment of the contract. Written consent will be given only after the contracting agency has assured that each subcontract is

evidenced in writing and that it contains all pertinent provisions and requirements of the prime contract.

5. The 30% self-performance requirement of paragraph (1) is not applicable to design-build contracts; however, contracting agencies may establish their own self-performance requirements.

VII. SAFETY: ACCIDENT PREVENTION

This provision is applicable to all Federal-aid construction contracts and to all related subcontracts.

1. In the performance of this contract the contractor shall comply with all applicable Federal, State, and local laws governing safety, health, and sanitation (23 CFR 635). The contractor shall provide all safeguards, safety devices and protective equipment and take any other needed actions as it determines, or as the contracting officer may determine, to be reasonably necessary to protect the life and health of employees on the job and the safety of the public and to protect property in connection with the performance of the work covered by the contract.

2. It is a condition of this contract, and shall be made a condition of each subcontract, which the contractor enters into pursuant to this contract, that the contractor and any subcontractor shall not permit any employee, in performance of the contract, to work in surroundings or under conditions which are unsanitary, hazardous or dangerous to his/her health or safety, as determined under construction safety and health standards (29 CFR 1926) promulgated by the Secretary of Labor, in accordance with Section 107 of the Contract Work Hours and Safety Standards Act (40 U.S.C. 3704).

3. Pursuant to 29 CFR 1926.3, it is a condition of this contract that the Secretary of Labor or authorized representative thereof, shall have right of entry to any site of contract performance to inspect or investigate the matter of compliance with the construction safety and health standards and to carry out the duties of the Secretary under Section 107 of the Contract Work Hours and Safety Standards Act (40 U.S.C.3704).

VIII. FALSE STATEMENTS CONCERNING HIGHWAY PROJECTS

This provision is applicable to all Federal-aid construction contracts and to all related subcontracts.

In order to assure high quality and durable construction in conformity with approved plans and specifications and a high degree of reliability on statements and representations made by engineers, contractors, suppliers, and workers on Federal-aid highway projects, it is essential that all persons concerned with the project perform their functions as carefully, thoroughly, and honestly as possible. Willful falsification, distortion, or misrepresentation with respect to any facts related to the project is a violation of Federal law. To prevent any misunderstanding regarding the seriousness of these and similar acts, Form FHWA-1022 shall be posted on each Federal-aid highway project (23 CFR 635) in one or more places where it is readily available to all persons concerned with the project:

18 U.S.C. 1020 reads as follows:

"Whoever, being an officer, agent, or employee of the United States, or of any State or Territory, or whoever, whether a person, association, firm, or corporation, knowingly makes any false statement, false representation, or false report as to the character, quality, quantity, or cost of the material used or to be used, or the quantity or quality of the work performed or to be performed, or the cost thereof in connection with the submission of plans, maps, specifications, contracts, or costs of construction on any highway or related project submitted for approval to the Secretary of Transportation; or

Whoever knowingly makes any false statement, false representation, false report or false claim with respect to the character, quality, quantity, or cost of any work performed or to be performed, or materials furnished or to be furnished, in connection with the construction of any highway or related project approved by the Secretary of Transportation; or

Whoever knowingly makes any false statement or false representation as to material fact in any statement, certificate, or report submitted pursuant to provisions of the Federal-aid Roads Act approved July 1, 1916, (39 Stat. 355), as amended and supplemented;

Shall be fined under this title or imprisoned not more than 5 years or both."

IX. IMPLEMENTATION OF CLEAN AIR ACT AND FEDERAL WATER POLLUTION CONTROL ACT

This provision is applicable to all Federal-aid construction contracts and to all related subcontracts.

By submission of this bid/proposal or the execution of this contract, or subcontract, as appropriate, the bidder, proposer, Federal-aid construction contractor, or subcontractor, as appropriate, will be deemed to have stipulated as follows:

1. That any person who is or will be utilized in the performance of this contract is not prohibited from receiving an award due to a violation of Section 508 of the Clean Water Act or Section 306 of the Clean Air Act.

2. That the contractor agrees to include or cause to be included the requirements of paragraph (1) of this Section X in every subcontract, and further agrees to take such action as the contracting agency may direct as a means of enforcing such requirements.

X. CERTIFICATION REGARDING DEBARMENT, SUSPENSION, INELIGIBILITY AND VOLUNTARY EXCLUSION

This provision is applicable to all Federal-aid construction contracts, design-build contracts, subcontracts, lower-tier subcontracts, purchase orders, lease agreements, consultant contracts or any other covered transaction requiring FHWA approval or that is estimated to cost \$25,000 or more – as defined in 2 CFR Parts 180 and 1200.

1. Instructions for Certification – First Tier Participants:

a. By signing and submitting this proposal, the prospective first tier participant is providing the certification set out below.

b. The inability of a person to provide the certification set out below will not necessarily result in denial of participation in this

covered transaction. The prospective first tier participant shall submit an explanation of why it cannot provide the certification set out below. The certification or explanation will be considered in connection with the department or agency's determination whether to enter into this transaction. However, failure of the prospective first tier participant to furnish a certification or an explanation shall disqualify such a person from participation in this transaction.

c. The certification in this clause is a material representation of fact upon which reliance was placed when the contracting agency determined to enter into this transaction. If it is later determined that the prospective participant knowingly rendered an erroneous certification, in addition to other remedies available to the Federal Government, the contracting agency may terminate this transaction for cause of default.

d. The prospective first tier participant shall provide immediate written notice to the contracting agency to whom this proposal is submitted if any time the prospective first tier participant learns that its certification was erroneous when submitted or has become erroneous by reason of changed circumstances.

e. The terms "covered transaction," "debarred," "suspended," "ineligible," "participant," "person," "principal," and "voluntarily excluded," as used in this clause, are defined in 2 CFR Parts 180 and 1200. "First Tier Covered Transactions" refers to any covered transaction between a grantee or subgrantee of Federal funds and a participant (such as the prime or general contract). "Lower Tier Covered Transactions" refers to any covered transaction under a First Tier Covered Transaction (such as subcontracts). "First Tier Participant" refers to the participant who has entered into a covered transaction with a grantee or subgrantee of Federal funds (such as the prime or general contractor). "Lower Tier Participant" refers any participant who has entered into a covered transaction with a First Tier Participant or other Lower Tier Participants (such as subcontractors and suppliers).

f. The prospective first tier participant agrees by submitting this proposal that, should the proposed covered transaction be entered into, it shall not knowingly enter into any lower tier covered transaction with a person who is debarred, suspended, declared ineligible, or voluntarily excluded from participation in this covered transaction, unless authorized by the department or agency entering into this transaction.

g. The prospective first tier participant further agrees by submitting this proposal that it will include the clause titled "Certification Regarding Debarment, Suspension, Ineligibility and Voluntary Exclusion-Lower Tier Covered Transactions," provided by the department or contracting agency, entering into this covered transaction, without modification, in all lower tier covered transactions and in all solicitations for lower tier covered transactions exceeding the \$25,000 threshold.

h. A participant in a covered transaction may rely upon a certification of a prospective participant in a lower tier covered transaction that is not debarred, suspended, ineligible, or voluntarily excluded from the covered transaction, unless it knows that the certification is erroneous. A participant is responsible for ensuring that its principals are not suspended, debarred, or otherwise ineligible to participate in covered transactions. To verify the eligibility of its principals, as well as the eligibility of any lower tier prospective participants, each participant may, but is not required to, check the Excluded Parties List System website (<https://www.epls.gov/>), which is compiled by the General Services Administration.

i. Nothing contained in the foregoing shall be construed to require the establishment of a system of records in order to render in good faith the certification required by this clause. The knowledge and information of the prospective participant is not required to exceed that which is normally possessed by a prudent person in the ordinary course of business dealings.

j. Except for transactions authorized under paragraph (f) of these instructions, if a participant in a covered transaction knowingly enters into a lower tier covered transaction with a person who is suspended, debarred, ineligible, or voluntarily excluded from participation in this transaction, in addition to other remedies available to the Federal Government, the department or agency may terminate this transaction for cause or default.

* * * * *

2. Certification Regarding Debarment, Suspension, Ineligibility and Voluntary Exclusion – First Tier Participants:

a. The prospective first tier participant certifies to the best of its knowledge and belief, that it and its principals:

(1) Are not presently debarred, suspended, proposed for debarment, declared ineligible, or voluntarily excluded from participating in covered transactions by any Federal department or agency;

(2) Have not within a three-year period preceding this proposal been convicted of or had a civil judgment rendered against them for commission of fraud or a criminal offense in connection with obtaining, attempting to obtain, or performing a public (Federal, State or local) transaction or contract under a public transaction; violation of Federal or State antitrust statutes or commission of embezzlement, theft, forgery, bribery, falsification or destruction of records, making false statements, or receiving stolen property;

(3) Are not presently indicted for or otherwise criminally or civilly charged by a governmental entity (Federal, State or local) with commission of any of the offenses enumerated in paragraph (a)(2) of this certification; and

(4) Have not within a three-year period preceding this application/proposal had one or more public transactions (Federal, State or local) terminated for cause or default.

b. Where the prospective participant is unable to certify to any of the statements in this certification, such prospective participant shall attach an explanation to this proposal.

2. Instructions for Certification - Lower Tier Participants:

(Applicable to all subcontracts, purchase orders and other lower tier transactions requiring prior FHWA approval or estimated to cost \$25,000 or more - 2 CFR Parts 180 and 1200)

a. By signing and submitting this proposal, the prospective lower tier is providing the certification set out below.

b. The certification in this clause is a material representation of fact upon which reliance was placed when this transaction was entered into. If it is later determined that the prospective lower tier participant knowingly rendered an erroneous certification, in addition to other remedies available to the Federal Government, the department, or agency with which

this transaction originated may pursue available remedies, including suspension and/or debarment.

c. The prospective lower tier participant shall provide immediate written notice to the person to which this proposal is submitted if at any time the prospective lower tier participant learns that its certification was erroneous by reason of changed circumstances.

d. The terms "covered transaction," "debarred," "suspended," "ineligible," "participant," "person," "principal," and "voluntarily excluded," as used in this clause, are defined in 2 CFR Parts 180 and 1200. You may contact the person to which this proposal is submitted for assistance in obtaining a copy of those regulations. "First Tier Covered Transactions" refers to any covered transaction between a grantee or subgrantee of Federal funds and a participant (such as the prime or general contract). "Lower Tier Covered Transactions" refers to any covered transaction under a First Tier Covered Transaction (such as subcontracts). "First Tier Participant" refers to the participant who has entered into a covered transaction with a grantee or subgrantee of Federal funds (such as the prime or general contractor). "Lower Tier Participant" refers any participant who has entered into a covered transaction with a First Tier Participant or other Lower Tier Participants (such as subcontractors and suppliers).

e. The prospective lower tier participant agrees by submitting this proposal that, should the proposed covered transaction be entered into, it shall not knowingly enter into any lower tier covered transaction with a person who is debarred, suspended, declared ineligible, or voluntarily excluded from participation in this covered transaction, unless authorized by the department or agency with which this transaction originated.

f. The prospective lower tier participant further agrees by submitting this proposal that it will include this clause titled "Certification Regarding Debarment, Suspension, Ineligibility and Voluntary Exclusion-Lower Tier Covered Transaction," without modification, in all lower tier covered transactions and in all solicitations for lower tier covered transactions exceeding the \$25,000 threshold.

g. A participant in a covered transaction may rely upon a certification of a prospective participant in a lower tier covered transaction that is not debarred, suspended, ineligible, or voluntarily excluded from the covered transaction, unless it knows that the certification is erroneous. A participant is responsible for ensuring that its principals are not suspended, debarred, or otherwise ineligible to participate in covered transactions. To verify the eligibility of its principals, as well as the eligibility of any lower tier prospective participants, each participant may, but is not required to, check the Excluded Parties List System website (<https://www.epls.gov/>), which is compiled by the General Services Administration.

h. Nothing contained in the foregoing shall be construed to require establishment of a system of records in order to render in good faith the certification required by this clause. The knowledge and information of participant is not required to exceed that which is normally possessed by a prudent person in the ordinary course of business dealings.

i. Except for transactions authorized under paragraph e of these instructions, if a participant in a covered transaction knowingly enters into a lower tier covered transaction with a person who is suspended, debarred, ineligible, or voluntarily excluded from participation in this transaction, in addition to other remedies available to the Federal Government, the

department or agency with which this transaction originated may pursue available remedies, including suspension and/or debarment.

* * * * *

Certification Regarding Debarment, Suspension, Ineligibility and Voluntary Exclusion--Lower Tier Participants:

1. The prospective lower tier participant certifies, by submission of this proposal, that neither it nor its principals is presently debarred, suspended, proposed for debarment, declared ineligible, or voluntarily excluded from participating in covered transactions by any Federal department or agency.

2. Where the prospective lower tier participant is unable to certify to any of the statements in this certification, such prospective participant shall attach an explanation to this proposal.

* * * * *

XI. CERTIFICATION REGARDING USE OF CONTRACT FUNDS FOR LOBBYING

This provision is applicable to all Federal-aid construction contracts and to all related subcontracts which exceed \$100,000 (49 CFR 20).

1. The prospective participant certifies, by signing and submitting this bid or proposal, to the best of his or her knowledge and belief, that:

a. No Federal appropriated funds have been paid or will be paid, by or on behalf of the undersigned, to any person for influencing or attempting to influence an officer or employee of any Federal agency, a Member of Congress, an officer or employee of Congress, or an employee of a Member of Congress in connection with the awarding of any Federal contract, the making of any Federal grant, the making of any Federal loan, the entering into of any cooperative agreement, and the extension, continuation, renewal, amendment, or modification of any Federal contract, grant, loan, or cooperative agreement.

b. If any funds other than Federal appropriated funds have been paid or will be paid to any person for influencing or attempting to influence an officer or employee of any Federal agency, a Member of Congress, an officer or employee of Congress, or an employee of a Member of Congress in connection with this Federal contract, grant, loan, or cooperative agreement, the undersigned shall complete and submit Standard Form-LLL, "Disclosure Form to Report Lobbying," in accordance with its instructions.

2. This certification is a material representation of fact upon which reliance was placed when this transaction was made or entered into. Submission of this certification is a prerequisite for making or entering into this transaction imposed by 31 U.S.C. 1352. Any person who fails to file the required certification shall be subject to a civil penalty of not less than \$10,000 and not more than \$100,000 for each such failure.

3. The prospective participant also agrees by submitting its bid or proposal that the participant shall require that the language of this certification be included in all lower tier subcontracts, which exceed \$100,000 and that all such recipients shall certify and disclose accordingly.

ATTACHMENT A - EMPLOYMENT AND MATERIALS PREFERENCE FOR APPALACHIAN DEVELOPMENT HIGHWAY SYSTEM OR APPALACHIAN LOCAL ACCESS ROAD CONTRACTS

This provision is applicable to all Federal-aid projects funded under the Appalachian Regional Development Act of 1965.

1. During the performance of this contract, the contractor undertaking to do work which is, or reasonably may be, done as on-site work, shall give preference to qualified persons who regularly reside in the labor area as designated by the DOL wherein the contract work is situated, or the subregion, or the Appalachian counties of the State wherein the contract work is situated, except:

a. To the extent that qualified persons regularly residing in the area are not available.

b. For the reasonable needs of the contractor to employ supervisory or specially experienced personnel necessary to assure an efficient execution of the contract work.

c. For the obligation of the contractor to offer employment to present or former employees as the result of a lawful collective bargaining contract, provided that the number of nonresident persons employed under this subparagraph (1c) shall not exceed 20 percent of the total number of employees employed by the contractor on the contract work, except as provided in subparagraph (4) below.

2. The contractor shall place a job order with the State Employment Service indicating (a) the classifications of the laborers, mechanics and other employees required to perform the contract work, (b) the number of employees required in each classification, (c) the date on which the participant estimates such employees will be required, and (d) any other pertinent information required by the State Employment Service to complete the job order form. The job order may be placed with the State Employment Service in writing or by telephone. If during the course of the contract work, the information submitted by the contractor in the original job order is substantially modified, the participant shall promptly notify the State Employment Service.

3. The contractor shall give full consideration to all qualified job applicants referred to him by the State Employment Service. The contractor is not required to grant employment to any job applicants who, in his opinion, are not qualified to perform the classification of work required.

4. If, within one week following the placing of a job order by the contractor with the State Employment Service, the State Employment Service is unable to refer any qualified job applicants to the contractor, or less than the number requested, the State Employment Service will forward a certificate to the contractor indicating the unavailability of applicants. Such certificate shall be made a part of the contractor's permanent project records. Upon receipt of this certificate, the contractor may employ persons who do not normally reside in the labor area to fill positions covered by the certificate, notwithstanding the provisions of subparagraph (1c) above.

5. The provisions of 23 CFR 633.207(e) allow the contracting agency to provide a contractual preference for the use of mineral resource materials native to the Appalachian region.

6. The contractor shall include the provisions of Sections 1 through 4 of this Attachment A in every subcontract for work which is, or reasonably may be, done as on-site work.

Non-discrimination Provisions

During the performance of this contract, the contractor, for itself, its assignees, and successors in interest (hereinafter referred to as the "contractor") agrees as follows:

1. Compliance with Regulations: The contractor (hereinafter includes consultants) will comply with the Acts and the Regulations relative to Non-discrimination in Federally-assisted programs of the U.S. Department of Transportation, Federal Highway Administration, as they may be amended from time to time, which are herein incorporated by reference and made a part of this contract.

2. Non-discrimination: The contractor, with regard to the work performed by it during the contract, will not discriminate on the grounds of race, color, or national origin in the selection and retention of subcontractors, including procurements of materials and leases of equipment. The contractor will not participate directly or indirectly in the discrimination prohibited by the Acts and the Regulations, including employment practices when the contract covers any activity, project, or program set forth in Appendix B of 49 CFR Part 21.

3. Solicitations for Subcontracts, Including Procurements of Materials and Equipment: In all solicitations, either by competitive bidding, or negotiation made by the contractor for work to be performed under a subcontract, including procurements of materials, or leases of equipment, each potential subcontractor or supplier will be notified by the contractor of the contractor's obligations under this contract and the Acts and the Regulations relative to Non-discrimination on the grounds of race, color, or national origin.

4. Information and Reports: The contractor will provide all information and reports required by the Acts, the Regulations, and directives issued pursuant thereto and will permit access to its books, records, accounts, other sources of information, and its facilities as may be determined by the Recipient or the Federal Highway Administration to be pertinent to ascertain compliance with such Acts, Regulations, and instructions. Where any information required of a contractor is in the exclusive possession of another who fails or refuses to furnish the information, the contractor will so certify to the Recipient or the Federal Highway Administration, as appropriate, and will set forth what efforts it has made to obtain the information.

5. Sanctions for Noncompliance: In the event of a contractor's noncompliance with the Non-discrimination provisions of this contract, the Recipient will impose such contract sanctions as it or the Federal Highway Administration may determine to be appropriate, including, but not limited to:

- a. Withholding payments to the contractor under the contract until the contractor complies; and/or
- b. Cancelling, terminating, or suspending a contract, in whole or in part.

6. Incorporation of Provisions: The contractor will include the provisions of paragraphs one through six in every subcontract, including procurements of materials and leases of equipment, unless exempt by the Acts, the Regulations and directives issued pursuant thereto. The contractor will take action with respect to any subcontract or procurement as the Recipient or the Federal Highway Administration may direct as a means of enforcing such provisions including sanctions for noncompliance. Provided, that if the contractor becomes involved in, or is threatened with litigation by a subcontractor, or supplier because of such direction, the contractor may request the Recipient to enter into any litigation to protect the interests of the Recipient. In addition, the contractor may request the United States to enter into the litigation to protect the interests of the United States.

During the performance of this contract, the contractor, for itself, its assignees, and successors in interest (hereinafter referred to as the "contractor") agrees to comply with the following non-discrimination statutes and authorities; including but not limited to:

Pertinent Non-Discrimination Authorities:

- Title VI of the Civil Rights Act of 1964 (42 U.S.C. § 2000d et seq., 78 stat. 252), (prohibits discrimination on the basis of race, color, national origin); and 49 CFR Part 21.
- The Uniform Relocation Assistance and Real Property Acquisition Policies Act of 1970, (42 U.S.C. § 4601), (prohibits unfair treatment of persons displaced or whose property has been acquired because of Federal or Federal-aid programs and projects);
- Federal-Aid Highway Act of 1973, (23 U.S.C. § 324 et seq.), (prohibits discrimination on the basis of sex);
- Section 504 of the Rehabilitation Act of 1973, (29 U.S.C. § 794 et seq.), as amended, (prohibits discrimination on the basis of disability); and 49 CFR Part 27;
- The Age Discrimination Act of 1975, as amended, (42 U.S.C. § 6101 et seq.), (prohibits discrimination on the basis of age);
- Airport and Airway Improvement Act of 1982, (49 USC § 471, Section 47123), as amended, (prohibits discrimination based on race, creed, color, national origin, or sex);
- The Civil Rights Restoration Act of 1987, (PL 100-209), (Broadened the scope, coverage and applicability of Title VI of the Civil Rights Act of 1964, The Age Discrimination Act of 1975 and Section 504 of the Rehabilitation Act of 1973, by expanding the definition of the terms "programs or activities" to include all of the programs or activities of the Federal-aid recipients, sub-recipients and contractors, whether such programs or activities are Federally funded or not);
- Titles II and III of the Americans with Disabilities Act, which prohibit discrimination on the basis of disability in the operation of public entities, public and private transportation systems, places of public accommodation, and certain testing entities (42 U.S.C. §§ 12131-12189) as implemented by Department of Transportation regulations at 49 C.F.R. parts 37 and 38;
- The Federal Aviation Administration's Non-discrimination statute (49 U.S.C. § 47123) (prohibits discrimination on the basis of race, color, national origin, and sex);

- Executive Order 12898, Federal Actions to Address Environmental Justice in Minority Populations and Low-Income Populations, which ensures Non-discrimination against minority populations by discouraging programs, policies, and activities with disproportionately high and adverse human health or environmental effects on minority and low-income populations;
- Executive Order 13166, Improving Access to Services for Persons with Limited English Proficiency, and resulting agency guidance, national origin discrimination includes discrimination because of Limited English proficiency (LEP). To ensure compliance with Title VI, you must take reasonable steps to ensure that LEP persons have meaningful access to your programs (70 Fed. Reg. at 74087 to 74100);
- Title IX of the Education Amendments of 1972, as amended, which prohibits you from discriminating because of sex in education programs or activities (20 U.S.C. 1681 et seq).

SEPTEMBER 2002

**NOTICE OF REQUIREMENT FOR AFFIRMATIVE ACTION TO ENSURE
EQUAL EMPLOYMENT OPPORTUNITY (EXECUTIVE ORDER 11246)**

1. The Offeror's or Bidder's attention is called to the "Employment Practices" and "Equal Opportunity Clause" set forth in the Required Contract Provisions, FHWA 1273.
2. The goals and timetables for minority and female participation expressed in percentage terms for the contractor's aggregate work force in each trade, on all construction work in the covered area, are as follows:

Goals for Minority Participation for Each Trade:

<u>County</u>	<u>%</u>	<u>County</u>	<u>%</u>	<u>County</u>	<u>%</u>
Adams	1.7	Iowa	1.7	Polk	2.2
Ashland	1.2	Iron	1.2	Portage	0.6
Barron	0.6	Jackson	0.6	Price	0.6
Bayfield	1.2	Jefferson	7.0	Racine	8.4
Brown	1.3	Juneau	0.6	Richland	1.7
Buffalo	0.6	Kenosha	3.0	Rock	3.1
Burnett	2.2	Kewaunee	1.0	Rusk	0.6
Calumet	0.9	La Crosse	0.9	St. Croix	2.9
Chippewa	0.5	Lafayette	0.5	Sauk	1.7
Clark	0.6	Langlade	0.6	Sawyer	0.6
Columbia	1.7	Lincoln	0.6	Shawano	1.0
Crawford	0.5	Manitowoc	1.0	Sheboygan	7.0
Dane	2.2	Marathon	0.6	Taylor	0.6
Dodge	7.0	Marinette	1.0	Trempealeau	0.6
Door	1.0	Marquette	1.7	Vernon	0.6
Douglas	1.0	Menominee	1.0	Vilas	0.6
Dunn	0.6	Milwaukee	8.0	Walworth	7.0
Eau Claire	0.5	Monroe	0.6	Washburn	0.6
Florence	1.0	Oconto	1.0	Washington	8.0
Fond du Lac	1.0	Oneida	0.6	Waukesha	8.0
Forest	1.0	Outagamie	0.9	Waupaca	1.0
Grant	0.5	Ozaukee	8.0	Waushara	1.0
Green	1.7	Pepin	0.6	Winnebago	0.9
Green Lake	1.0	Pierce	2.2	Wood	0.6

Goals for female participation for each trade: 6.9%

These goals are applicable to all the contractor's construction work, (whether or not it is federal or federally assisted), performed in the covered area. If the contractor performs construction work in the geographical area located outside of the covered area, it shall apply the goals established for such geographical area where the work is actually performed. With regard to this second area, the contractor also is subject to the goals for both its federally involved and nonfederally involved construction.

The contractor's compliance with the Executive Order and the Regulations in 41 CFR Part 60-4 shall be based on its implementation of the Equal Opportunity Clause, specific affirmative action obligations required by the specifications set forth in 41 CFR 60-4.3(a), and its efforts to meet the goals. The hours of minority and female employment and training must be substantially uniform throughout the length of the contract, and in each trade, and the contractor shall make a good faith effort to employ minorities and women evenly on each of its projects. The transfer of minority or female employees or trainees from contractor to contractor or from project to project for the sole purpose of meeting the contractor's goals shall be a violation of the contract, the Executive Order and the Regulations in 41 CFR Part 60-4. Compliance with the goals will be measured against the total work hours performed.

3. The contractor shall provide written notification to the Director of the Office of Federal Contract Compliance Programs within ten (10) working days of award of any construction subcontract in excess of \$10,000.00 at any tier for construction work under the contract resulting from this solicitation. The notification shall list the name, address and telephone number of the subcontractor, employer identification number of the subcontractor; estimated dollar amount of the subcontract; estimated starting and completion dates of the subcontract; and the geographical area in which the subcontract is to be performed.

As referred to in this section, the Director means:

Director
Office of Federal Contract Compliance Programs
Ruess Federal Plaza
310 W. Wisconsin Ave., Suite 1115
Milwaukee, WI 53202

The "Employer Identification Number" means the Federal Social Security number used on the Employer's Quarterly Federal Tax Return, U.S. Treasury Department Form 941.

4. As used in this notice, and in the contract resulting from solicitation, the "covered area" is the county(ies) in Wisconsin to which this proposal applies.

APRIL 2013

ADDITIONAL FEDERAL-AID PROVISIONS

NOTICE TO ALL BIDDERS

To report bid rigging activities call:

1-800-424-9071

The U.S. Department of Transportation (DOT) operates the above toll-free "hotline" Monday through Friday, 8:00 a.m. to 5:00 p.m., Eastern Time. Anyone with knowledge of possible bid rigging, bidding collusion, or other fraudulent activities should use the "hotline" to report such activities.

The "hotline" is part of the DOT's continuing effort to identify and investigate highway construction contract fraud and abuse and is operated under the direction of the DOT Inspector General. All information will be treated confidentially and caller anonymity will be respected.

Effective 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
- 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.

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

BRWI0002-002 06/01/2019

ASHLAND, BAYFIELD, DOUGLAS, AND IRON COUNTIES

	Rates	Fringes
BRICKLAYER.....	\$ 39.94	23.30

BRWI0002-005 06/01/2019

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

	Rates	Fringes
CEMENT MASON/CONCRETE FINISHER...	\$ 35.51	23.37

BRWI0003-002 06/03/2019

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

	Rates	Fringes
BRICKLAYER.....	\$ 34.18	23.90

BRWI0004-002 06/01/2019

KENOSHA, RACINE, AND WALWORTH COUNTIES

Rates	Fringes
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BRICKLAYER.....\$ 38.43 25.10

BRWI0006-002 06/01/2019

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

Rates Fringes

BRICKLAYER.....\$ 35.06 23.02

BRWI0007-002 06/03/2019

GREEN, LAFAYETTE, AND ROCK COUNTIES

Rates Fringes

BRICKLAYER.....\$ 35.57 24.22

BRWI0008-002 06/01/2019

MILWAUKEE, OZAUKEE, WASHINGTON, AND WAUKESHA COUNTIES

Rates Fringes

BRICKLAYER.....\$ 38.93 24.22

BRWI0011-002 06/03/2019

CALUMET, FOND DU LAC, MANITOWOC, AND SHEBOYGAN COUNTIES

Rates Fringes

BRICKLAYER.....\$ 34.18 23.90

BRWI0019-002 06/03/2019

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

Rates Fringes

BRICKLAYER.....\$ 33.40 24.68

BRWI0034-002 06/03/2019

COLUMBIA AND SAUK COUNTIES

	Rates	Fringes
BRICKLAYER.....	\$ 35.56	24.23

 CARP0087-001 05/01/2016

BURNETT (W. of Hwy 48), PIERCE (W. of Hwy 29), POLK (W. of Hwys 35, 48 & 65), AND ST. CROIX (W. of Hwy 65) COUNTIES

	Rates	Fringes
Carpenter & Piledrivermen.....	\$ 36.85	18.39

 CARP0252-002 06/01/2016

ADAMS, BARRON, BAYFIELD (Eastern 2/3), BROWN, BUFFALO, BURNETT (E. of Hwy 48), CALUMET, CHIPPEWA, CLARK, COLUMBIA, CRAWFORD, DANE, DODGE, DOOR, DUNN, EAU CLAIRE, FLORENCE (except area bordering Michigan State Line), FOND DU LAC, FOREST, GRANT, GREEN, GREEN LAKE, IOWA, IRON, JACKSON, JEFFERSON, JUNEAU, KEWAUNEE, LA CROSSE, LAFAYETTE, LANGLADE, LINCOLN, MANITOWOC, MARATHON, MARINETTE (except N.E. corner), MARQUETTE, MENOMINEE, MONROE, OCONTO, ONEIDA, OUTAGAMIE, PEPIN, PIERCE (E. of Hwys 29 & 65), POLK (E. of Hwys 35, 48 & 65), PORTAGE, PRICE, RICHLAND, ROCK, RUSK, SAUK, SAWYER, SHAWANO, SHEBOYGAN, ST CROIX (E. of Hwy 65), TAYLOR, TREMPLEAU, VERNON, VILAS, WALWORTH, WASHBURN, WAUPACA, WAUSHARA, WINNEBAGO, AND WOOD COUNTIES

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

 CARP0252-010 06/01/2016

ASHLAND COUNTY

	Rates	Fringes
Carpenters		
Carpenter.....	\$ 33.56	18.00
Millwright.....	\$ 35.08	18.35
Pile Driver.....	\$ 34.12	18.00

 CARP0264-003 06/01/2016

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

	Rates	Fringes
CARPENTER.....	\$ 35.78	22.11

CARP0361-004 05/01/2018		

BAYFIELD (West of Hwy 63) AND DOUGLAS COUNTIES

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

CARP2337-001 06/01/2016		

ZONE A: MILWAUKEE, OZAUKEE, WAUKESHA AND WASHINGTON

ZONE B: KENOSHA & RACINE

	Rates	Fringes
PILEDRIVERMAN		
Zone A.....	\$ 31.03	22.69
Zone B.....	\$ 31.03	22.69

ELEC0014-002 06/14/2020		

ASHLAND, BARRON, BAYFIELD, BUFFALO, BURNETT, CHIPPEWA, CLARK (except Maryville, Colby, Unity, Sherman, Fremont, Lynn & Sherwood), CRAWFORD, DUNN, EAU CLAIRE, GRANT, IRON, JACKSON, LA CROSSE, MONROE, PEPIN, PIERCE, POLK, PRICE, RICHLAND, RUSK, ST CROIX, SAWYER, TAYLOR, TREMPLEAU, VERNON, AND WASHBURN COUNTIES

	Rates	Fringes
Electricians:.....	\$ 35.98	20.98

ELEC0014-007 07/05/2020		

REMAINING COUNTIES

	Rates	Fringes
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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).

 ELEC0127-002 06/01/2020

KENOSHA COUNTY

	Rates	Fringes
Electricians:.....	\$ 41.62	30%+12.70

 ELEC0158-002 06/03/2019

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

 * 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

ELEC0242-005 05/31/2020		

DOUGLAS COUNTY

	Rates	Fringes
Electricians:.....	\$ 39.77	70.69%

ELEC0388-002 06/01/2020		

ADAMS, CLARK (Colby, Freemont, Lynn, Mayville, Sherman, Sherwood, Unity), FOREST, JUNEAU, LANGLADE, LINCOLN, MARATHON, MARINETTE (Beecher, Dunbar, Goodman & Pembine), MENOMINEE (Area West of a line 6 miles West of the West boundary of Oconto County), ONEIDA, PORTAGE, SHAWANO (Aniwa and Hutchins), VILAS AND WOOD COUNTIES

	Rates	Fringes
Electricians:.....	\$ 34.85	26%+11.20

ELEC0430-002 06/01/2020		

RACINE COUNTY (Except Burlington Township)

	Rates	Fringes
Electricians:.....	\$ 41.86	22.66

ELEC0494-005 06/01/2020		

MILWAUKEE, OZAUKEE, WASHINGTON, AND WAUKESHA COUNTIES

	Rates	Fringes
Electricians:.....	\$ 42.84	25.54

ELEC0494-006 06/01/2020		

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

	Rates	Fringes
Electricians:.....	\$ 36.32	22.51

 ELEC0494-013 06/07/2020

DODGE (East of Hwy 26 including Chester Twp, excluding Emmet Twp), FOND DU LAC (Except Waupuin), MILWAUKEE, OZAUKEE, MANITOWOC (Schleswig), WASHINGTON, AND WAUKESHA COUNTIES

	Rates	Fringes
Sound & Communications		
Installer.....	\$ 21.46	18.52
Technician.....	\$ 31.34	20.00

Installation, testing, maintenance, operation and servicing of all sound, intercom, telephone interconnect, closed circuit TV systems, radio systems, background music systems, language laboratories, electronic carillon, antenna distribution systems, clock and program systems and low-voltage systems such as visual nurse call, audio/visual nurse call systems, doctors entrance register systems. Includes all wire and cable carrying audio, visual, data, light and radio frequency signals. Includes the installation of conduit, wiremold, or raceways in existing structures that have been occupied for six months or more where required for the protection of the wire or cable, but does not mean a complete conduit or raceway system. work covered does not include the installation of conduit, wiremold or any raceways in any new construction, or the installation of power supply outlets by means of which external electric power is supplied to any of the foregoing equipment or products

 ELEC0577-003 06/01/2019

CALUMET (except Township of New Holstein), GREEN LAKE (N. part including Townships of Berlin, St Marie, and Seneca), MARQUETTE (N. part including Townships of Crystal Lake, Neshkoro, Newton, and Springfield), OUTAGAMIE, WAUPACA, WAUSHARA, AND WINNEBAGO COUNTIES

	Rates	Fringes
Electricians:.....	\$ 33.15	28.50%+10.00

 ELEC0890-003 06/01/2020

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

	Rates	Fringes
Electricians:.....	\$ 37.41	25.95%+11.11

 ELEC0953-001 06/02/2019

	Rates	Fringes
Line Construction:		
(1) Lineman.....	\$ 47.53	21.43
(2) Heavy Equipment Operator.....	\$ 42.78	19.80
(3) Equipment Operator.....	\$ 38.02	18.40
(4) Heavy Groundman Driver..	\$ 33.27	16.88
(5) Light Groundman Driver..	\$ 30.89	16.11
(6) Groundsman.....	\$ 26.14	14.60

 ENGI0139-005 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.

IRON0008-002 06/01/2020

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

	Rates	Fringes
IRONWORKER.....	\$ 37.31	27.62

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

IRON0008-003 06/01/2020

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

	Rates	Fringes
IRONWORKER.....	\$ 39.11	27.87

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

IRON0383-001 06/01/2020

ADAMS, COLUMBIA, CRAWFORD, DANE, DODGE, FLORENCE, FOREST, GRANT, GREENE, (Excluding S.E. tip), GREEN LAKE, IOWA, JEFFERSON, JUNEAU, LA CROSSE, LAFAYETTE, LANGLADE, MARATHON, MARQUETTE, MENOMINEE, MONROE, PORTAGE, RICHLAND, ROCK (Northern area, vicinity of Edgerton and Milton), SAUK, VERNON, WAUPACA, WAUSHARA, AND WOOD COUNTIES

	Rates	Fringes
IRONWORKER.....	\$ 37.10	27.06

IRON0498-005 06/01/2019

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

	Rates	Fringes
IRONWORKER.....	\$ 40.25	40.53

IRON0512-008 06/03/2019		

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

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

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

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

 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

 PAIN0106-008 05/01/2017

ASHLAND, BAYFIELD, BURNETT, AND DOUGLAS COUNTIES

	Rates	Fringes
Painters:		
New:		
Brush, Roller.....	\$ 30.33	17.27
Spray, Sandblast, Steel....	\$ 30.93	17.27
Repaint:		
Brush, Roller.....	\$ 28.83	17.27
Spray, Sandblast, Steel....	\$ 29.43	17.27

 PAIN0108-002 06/01/2019

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.

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

PAIN0934-001 06/01/2017

KENOSHA AND WALWORTH COUNTIES

	Rates	Fringes
Painters:		
Brush.....	\$ 33.74	18.95
Spray.....	\$ 34.74	18.95
Structural Steel.....	\$ 33.89	18.95

PAIN1011-002 06/02/2019

FLORENCE COUNTY

	Rates	Fringes
Painters:.....	\$ 25.76	13.33

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

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

WELL DRILLER.....	\$ 16.52	3.70

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

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Note: Executive Order (EO) 13706, Establishing Paid Sick Leave for Federal Contractors applies to all contracts subject to the Davis-Bacon Act for which the contract is awarded (and any solicitation was issued) on or after January 1, 2017. If this contract is covered by the EO, the contractor must provide employees with 1 hour of paid sick leave for every 30 hours

they work, up to 56 hours of paid sick leave each year. Employees must be permitted to use paid sick leave for their own illness, injury or other health-related needs, including preventive care; to assist a family member (or person who is like family to the employee) who is ill, injured, or has other health-related needs, including preventive care; or for reasons resulting from, or to assist a family member (or person who is like family to the employee) who is a victim of, domestic violence, sexual assault, or stalking. Additional information on contractor requirements and worker protections under the EO is available at www.dol.gov/whd/govcontracts.

Unlisted classifications needed for work not included within the scope of the classifications listed may be added after award only as provided in the labor standards contract clauses (29CFR 5.5 (a) (1) (ii)).

The body of each wage determination lists the classification and wage rates that have been found to be prevailing for the cited type(s) of construction in the area covered by the wage determination. The classifications are listed in alphabetical order of ""identifiers"" that indicate whether the particular rate is a union rate (current union negotiated rate for local), a survey rate (weighted average rate) or a union average rate (weighted union average rate).

Union Rate Identifiers

A four letter classification abbreviation identifier enclosed in dotted lines beginning with characters other than ""SU"" or ""UAVG"" denotes that the union classification and rate were prevailing for that classification in the survey. Example: PLUM0198-005 07/01/2014. PLUM is an abbreviation identifier of the union which prevailed in the survey for this classification, which in this example would be Plumbers. 0198 indicates the local union number or district council number where applicable, i.e., Plumbers Local 0198. The next number, 005 in the example, is an internal number used in processing the wage determination. 07/01/2014 is the effective date of the most current negotiated rate, which in this example is July 1, 2014.

Union prevailing wage rates are updated to reflect all rate changes in the collective bargaining agreement (CBA) governing this classification and rate.

Survey Rate Identifiers

Classifications listed under the "SU" identifier indicate that no one rate prevailed for this classification in the survey and the published rate is derived by computing a weighted average rate based on all the rates reported in the survey for that classification. As this weighted average rate includes all rates reported in the survey, it may include both union and non-union rates. Example: SULA2012-007 5/13/2014. SU indicates the rates are survey rates based on a weighted average calculation of rates and are not majority rates. LA indicates the State of Louisiana. 2012 is the year of survey on which these classifications and rates are based. The next number, 007 in the example, is an internal number used in producing the wage determination. 5/13/2014 indicates the survey completion date for the classifications and rates under that identifier.

Survey wage rates are not updated and remain in effect until a new survey is conducted.

Union Average Rate Identifiers

Classification(s) listed under the UAVG identifier indicate that no single majority rate prevailed for those classifications; however, 100% of the data reported for the classifications was union data. EXAMPLE: UAVG-OH-0010 08/29/2014. UAVG indicates that the rate is a weighted union average rate. OH indicates the state. The next number, 0010 in the example, is an internal number used in producing the wage determination. 08/29/2014 indicates the survey completion date for the classifications and rates under that identifier.

A UAVG rate will be updated once a year, usually in January of each year, to reflect a weighted average of the current negotiated/CBA rate of the union locals from which the rate is based.

WAGE DETERMINATION APPEALS PROCESS

1.) Has there been an initial decision in the matter? This can be:

- * an existing published wage determination
- * a survey underlying a wage determination
- * a Wage and Hour Division letter setting forth a position on a wage determination matter

* a conformance (additional classification and rate) ruling

On survey related matters, initial contact, including requests for summaries of surveys, should be with the Wage and Hour Regional Office for the area in which the survey was conducted because those Regional Offices have responsibility for the Davis-Bacon survey program. If the response from this initial contact is not satisfactory, then the process described in 2.) and 3.) should be followed.

With regard to any other matter not yet ripe for the formal process described here, initial contact should be with the Branch of Construction Wage Determinations. Write to:

Branch of Construction Wage Determinations
Wage and Hour Division
U.S. Department of Labor
200 Constitution Avenue, N.W.
Washington, DC 20210

2.) If the answer to the question in 1.) is yes, then an interested party (those affected by the action) can request review and reconsideration from the Wage and Hour Administrator (See 29 CFR Part 1.8 and 29 CFR Part 7). Write to:

Wage and Hour Administrator
U.S. Department of Labor
200 Constitution Avenue, N.W.
Washington, DC 20210

The request should be accompanied by a full statement of the interested party's position and by any information (wage payment data, project description, area practice material, etc.) that the requestor considers relevant to the issue.

3.) If the decision of the Administrator is not favorable, an interested party may appeal directly to the Administrative Review Board (formerly the Wage Appeals Board). Write to:

Administrative Review Board
U.S. Department of Labor
200 Constitution Avenue, N.W.
Washington, DC 20210

4.) All decisions by the Administrative Review Board are final.

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END OF GENERAL DECISION"

"General Decision Number: WI20200008 09/18/2020

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.

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

BRWI0001-002 06/03/2019

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

	Rates	Fringes
BRICKLAYER.....	\$ 33.80	24.28

BRWI0002-002 06/01/2019

ASHLAND, BAYFIELD, DOUGLAS, AND IRON COUNTIES

	Rates	Fringes
BRICKLAYER.....	\$ 39.94	23.30

BRWI0002-005 06/01/2019

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

	Rates	Fringes
CEMENT MASON/CONCRETE FINISHER...	\$ 35.51	23.37

BRWI0003-002 06/03/2019

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

	Rates	Fringes
BRICKLAYER.....	\$ 34.18	23.90

BRWI0004-002 06/01/2019

KENOSHA, RACINE, AND WALWORTH COUNTIES

Rates	Fringes
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BRICKLAYER.....\$ 38.43 25.10

BRWI0006-002 06/01/2019

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

Rates Fringes

BRICKLAYER.....\$ 35.06 23.02

BRWI0007-002 06/03/2019

GREEN, LAFAYETTE, AND ROCK COUNTIES

Rates Fringes

BRICKLAYER.....\$ 35.57 24.22

BRWI0008-002 06/01/2019

MILWAUKEE, OZAUKEE, WASHINGTON, AND WAUKESHA COUNTIES

Rates Fringes

BRICKLAYER.....\$ 38.93 24.22

BRWI0009-001 06/03/2019

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

Rates Fringes

BRICKLAYER.....\$ 34.18 23.90

BRWI0011-002 06/03/2019

CALUMET, FOND DU LAC, MANITOWOC, AND SHEBOYGAN COUNTIES

Rates Fringes

BRICKLAYER.....\$ 34.18 23.90

BRWI0013-002 06/03/2019

DANE, GRANT, IOWA, AND RICHLAND COUNTIES

	Rates	Fringes
BRICKLAYER.....	\$ 35.56	24.23

BRWI0019-002 06/03/2019		

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

	Rates	Fringes
BRICKLAYER.....	\$ 33.40	24.68

BRWI0021-002 06/03/2019		

DODGE AND JEFFERSON COUNTIES

	Rates	Fringes
BRICKLAYER.....	\$ 35.75	24.02

BRWI0034-002 06/03/2019		

COLUMBIA AND SAUK COUNTIES

	Rates	Fringes
BRICKLAYER.....	\$ 35.56	24.23

CARP0087-001 05/01/2016		

BURNETT (W. of Hwy 48), PIERCE (W. of Hwy 29), POLK (W. of Hwys
35, 48 & 65), AND ST. CROIX (W. of Hwy 65) COUNTIES

	Rates	Fringes
Carpenter & Piledrivermen.....	\$ 36.85	18.39

CARP0252-002 06/01/2016		

ADAMS, BARRON, BAYFIELD (Eastern 2/3), BROWN, BUFFALO,
BURNETT (E. of Hwy 48), CALUMET, CHIPPEWA, CLARK, COLUMBIA,
CRAWFORD, DANE, DODGE, DOOR, DUNN, EAU CLAIRE, FLORENCE (except
area bordering Michigan State Line), FOND DU LAC, FOREST,
GRANT, GREEN, GREEN LAKE, IOWA, IRON, JACKSON, JEFFERSON,
JUNEAU, KEWAUNEE, LA CROSSE, LAFAYETTE, LANGLADE, LINCOLN,
MANITOWOC, MARATHON, MARINETTE (except N.E. corner), MARQUETTE,
MENOMINEE, MONROE, OCONTO, ONEIDA, OUTAGAMIE, PEPIN, PIERCE (E.

of Hwys 29 & 65), POLK (E. of Hwys 35, 48 & 65), PORTAGE, PRICE, RICHLAND, ROCK, RUSK, SAUK, SAWYER, SHAWANO, SHEBOYGAN, ST CROIX (E. of Hwy 65), TAYLOR, TREMPLEAU, VERNON, VILAS, WALWORTH, WASHBURN, WAUPACA, WAUSHARA, WINNEBAGO, AND WOOD COUNTIES

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

CARP0252-010 06/01/2016		

ASHLAND COUNTY

	Rates	Fringes
Carpenters		
Carpenter.....	\$ 33.56	18.00
Millwright.....	\$ 35.08	18.35
Pile Driver.....	\$ 34.12	18.00

CARP0264-003 06/01/2016		

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

	Rates	Fringes
CARPENTER.....	\$ 35.78	22.11

CARP0361-004 05/01/2018		

BAYFIELD (West of Hwy 63) AND DOUGLAS COUNTIES

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

CARP2337-001 06/01/2016		

ZONE A: MILWAUKEE, OZAUKEE, WAUKESHA AND WASHINGTON

ZONE B: KENOSHA & RACINE

	Rates	Fringes
PILEDRIVERMAN		
Zone A.....	\$ 31.03	22.69
Zone B.....	\$ 31.03	22.69

 CARP2337-003 06/01/2019

	Rates	Fringes
MILLWRIGHT		
Zone A.....	\$ 33.58	21.53
Zone B.....	\$ 33.58	21.53

ZONE DEFINITIONS

ZONE A: MILWAUKEE, OZAUKEE, WAUKESHA AND WASHINGTON COUNTIES

ZONE B: KENOSHA & RACINE COUNTIES

 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

 ELEC0127-002 06/01/2020

KENOSHA COUNTY

	Rates	Fringes
Electricians:.....	\$ 41.62	30%+12.70

 ELEC0158-002 06/03/2019

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

* 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

ELEC0242-005 05/31/2020

DOUGLAS COUNTY

	Rates	Fringes
Electricians:.....	\$ 39.77	70.69%

ELEC0388-002 06/01/2020

ADAMS, CLARK (Colby, Freemont, Lynn, Mayville, Sherman, Sherwood, Unity), FOREST, JUNEAU, LANGLADE, LINCOLN, MARATHON, MARINETTE (Beecher, Dunbar, Goodman & Pembine), MENOMINEE (Area West of a line 6 miles West of the West boundary of Oconto County), ONEIDA, PORTAGE, SHAWANO (Aniwa and Hutchins), VILAS AND WOOD COUNTIES

	Rates	Fringes
Electricians:.....	\$ 34.85	26%+11.20

ELEC0430-002 06/01/2020		

RACINE COUNTY (Except Burlington Township)

	Rates	Fringes
Electricians:.....	\$ 41.86	22.66

ELEC0494-005 06/01/2020		

MILWAUKEE, OZAUKEE, WASHINGTON, AND WAUKESHA COUNTIES

	Rates	Fringes
Electricians:.....	\$ 42.84	25.54

ELEC0494-006 06/01/2020		

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

	Rates	Fringes
Electricians:.....	\$ 36.32	22.51

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 130,000 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

 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).

 IRON0008-002 06/01/2020

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

	Rates	Fringes
IRONWORKER.....	\$ 37.31	27.62

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

 IRON0008-003 06/01/2020

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

	Rates	Fringes
IRONWORKER.....	\$ 39.11	27.87

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

 IRON0383-001 06/01/2020

ADAMS, COLUMBIA, CRAWFORD, DANE, DODGE, FLORENCE, FOREST,
 GRANT, GREENE, (Excluding S.E. tip), GREEN LAKE, IOWA,
 JEFFERSON, JUNEAU, LA CROSSE, LAFAYETTE, LANGLADE, MARATHON,
 MARQUETTE, MENOMINEE, MONROE, PORTAGE, RICHLAND, ROCK (Northern
 area, vicinity of Edgerton and Milton), SAUK, VERNON, WAUPACA,
 WAUSHARA, AND WOOD COUNTIES

	Rates	Fringes
IRONWORKER.....	\$ 37.10	27.06

IRON0498-005 06/01/2019		

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

	Rates	Fringes
IRONWORKER.....	\$ 40.25	40.53

IRON0512-008 06/03/2019		

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

	Rates	Fringes
IRONWORKER.....	\$ 37.60	29.40

IRON0512-021 06/03/2019		

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

	Rates	Fringes
IRONWORKER.....	\$ 33.19	29.40

LAB00113-004 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

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

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

* LAB00113-009 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.

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

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

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

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

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

WELL DRILLER.....	\$ 16.52	3.70

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

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Note: Executive Order (EO) 13706, Establishing Paid Sick Leave for Federal Contractors applies to all contracts subject to the Davis-Bacon Act for which the contract is awarded (and any solicitation was issued) on or after January 1, 2017. If this contract is covered by the EO, the contractor must provide employees with 1 hour of paid sick leave for every 30 hours they work, up to 56 hours of paid sick leave each year. Employees must be permitted to use paid sick leave for their own illness, injury or other health-related needs, including preventive care; to assist a family member (or person who is like family to the employee) who is ill, injured, or has other health-related needs, including preventive care; or for reasons resulting from, or to assist a family member (or person who is like family to the employee) who is a victim of, domestic violence, sexual assault, or stalking. Additional information on contractor requirements and worker protections under the EO is available at www.dol.gov/whd/govcontracts.

Unlisted classifications needed for work not included within the scope of the classifications listed may be added after award only as provided in the labor standards contract clauses (29CFR 5.5 (a) (1) (ii)).

The body of each wage determination lists the classification

and wage rates that have been found to be prevailing for the cited type(s) of construction in the area covered by the wage determination. The classifications are listed in alphabetical order of ""identifiers"" that indicate whether the particular rate is a union rate (current union negotiated rate for local), a survey rate (weighted average rate) or a union average rate (weighted union average rate).

Union Rate Identifiers

A four letter classification abbreviation identifier enclosed in dotted lines beginning with characters other than ""SU"" or ""UAVG"" denotes that the union classification and rate were prevailing for that classification in the survey. Example: PLUM0198-005 07/01/2014. PLUM is an abbreviation identifier of the union which prevailed in the survey for this classification, which in this example would be Plumbers. 0198 indicates the local union number or district council number where applicable, i.e., Plumbers Local 0198. The next number, 005 in the example, is an internal number used in processing the wage determination. 07/01/2014 is the effective date of the most current negotiated rate, which in this example is July 1, 2014.

Union prevailing wage rates are updated to reflect all rate changes in the collective bargaining agreement (CBA) governing this classification and rate.

Survey Rate Identifiers

Classifications listed under the ""SU"" identifier indicate that no one rate prevailed for this classification in the survey and the published rate is derived by computing a weighted average rate based on all the rates reported in the survey for that classification. As this weighted average rate includes all rates reported in the survey, it may include both union and non-union rates. Example: SULA2012-007 5/13/2014. SU indicates the rates are survey rates based on a weighted average calculation of rates and are not majority rates. LA indicates the State of Louisiana. 2012 is the year of survey on which these classifications and rates are based. The next number, 007 in the example, is an internal number used in producing the wage determination. 5/13/2014 indicates the survey completion date for the classifications and rates under that identifier.

Survey wage rates are not updated and remain in effect until a new survey is conducted.

Union Average Rate Identifiers

Classification(s) listed under the UAVG identifier indicate that no single majority rate prevailed for those classifications; however, 100% of the data reported for the classifications was union data. EXAMPLE: UAVG-OH-0010 08/29/2014. UAVG indicates that the rate is a weighted union average rate. OH indicates the state. The next number, 0010 in the example, is an internal number used in producing the wage determination. 08/29/2014 indicates the survey completion date for the classifications and rates under that identifier.

A UAVG rate will be updated once a year, usually in January of each year, to reflect a weighted average of the current negotiated/CBA rate of the union locals from which the rate is based.

WAGE DETERMINATION APPEALS PROCESS

1.) Has there been an initial decision in the matter? This can be:

- * an existing published wage determination
- * a survey underlying a wage determination
- * a Wage and Hour Division letter setting forth a position on a wage determination matter
- * a conformance (additional classification and rate) ruling

On survey related matters, initial contact, including requests for summaries of surveys, should be with the Wage and Hour Regional Office for the area in which the survey was conducted because those Regional Offices have responsibility for the Davis-Bacon survey program. If the response from this initial contact is not satisfactory, then the process described in 2.) and 3.) should be followed.

With regard to any other matter not yet ripe for the formal process described here, initial contact should be with the Branch of Construction Wage Determinations. Write to:

Branch of Construction Wage Determinations
Wage and Hour Division
U.S. Department of Labor
200 Constitution Avenue, N.W.
Washington, DC 20210

2.) If the answer to the question in 1.) is yes, then an interested party (those affected by the action) can request

review and reconsideration from the Wage and Hour Administrator (See 29 CFR Part 1.8 and 29 CFR Part 7). Write to:

Wage and Hour Administrator
U.S. Department of Labor
200 Constitution Avenue, N.W.
Washington, DC 20210

The request should be accompanied by a full statement of the interested party's position and by any information (wage payment data, project description, area practice material, etc.) that the requestor considers relevant to the issue.

3.) If the decision of the Administrator is not favorable, an interested party may appeal directly to the Administrative Review Board (formerly the Wage Appeals Board). Write to:

Administrative Review Board
U.S. Department of Labor
200 Constitution Avenue, N.W.
Washington, DC 20210

4.) All decisions by the Administrative Review Board are final.

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END OF GENERAL DECISION"

August 2018

**NOTICE TO BIDDERS
WAGE RATE DECISION**

The wage rate decision of the Department of Labor which has been incorporated in these advertised specifications is incomplete in that the classifications may be omitted from the Department of Labor's decision.

Since the bidder is responsible, independently, for ascertaining area practice with respect to the necessity, or lack of necessity, for the use of these classifications in the prosecution of the work contemplated by this project, no inference may be drawn from the omission of these classifications concerning prevailing area practices relative to their use. Further, this omission will not, per se, be construed as establishing any governmental liability for increased labor cost if it is subsequently determined that such classifications are required.

There may be omissions and/or errors in the federal wage rates. The bidder is responsible for evaluating and determining the correct applicable rate.

If a project includes multiple types of construction (highway, bridge over navigable water, sanitary sewer and water main, building) and there is not a separate wage determination for this type of work included in the proposal, use the wage determination that is in the proposal.

If a project includes multiple types of construction, different wage rate determinations may be inserted into the contract (WI10/Highway = in all WisDOT highway contracts, WI15/Heavy = bridge over navigable water per USDOL and US Coast Guard designation, WI8/Heavy (Sewer & Water Line & Tunnel) = sanitary sewer and water main if the cost is more than 20% of the contract and/or at least \$1,000,000, and Building). If multiple wage rate determinations are inserted into the contract, use the classification in the wage determination for the work being done. Use WI15 wage rates when working on the bridge and/or structure from bank to bank. Use WI8 wage rates when working on any sanitary sewer or water main work. Use Building wage rates for all work done within the footprint of the building. Use WI10 wage rates for all other highway work in the contract and approaches to structures. For example, if a laborer is working within the footprint of a building, use the Laborer rate in the Building wage determination inserted in the contract. If a laborer is working on a bridge/structure within the banks, use the Laborer rate in the WI15/Heavy wage determination if inserted in the contract. If the laborer is working on the highway, use the Laborer rate in the WI10/Highway wage determination.



Proposal Schedule of Items

Proposal ID: 20201110028 Project(s): 6424-03-70, 6424-03-80

Federal ID(s): WISC 2020556, N/A

SECTION: 0001 Contract Items

Alt Set ID: Alt Mbr ID:

Proposal Line Number	Item ID Description	Approximate Quantity and Units	Unit Price	Bid Amount
0002	201.0120 Clearing	190.000 ID	_____.	_____.
0004	201.0220 Grubbing	190.000 ID	_____.	_____.
0006	204.0100 Removing Concrete Pavement	10,790.000 SY	_____.	_____.
0008	204.0130 Removing Curb	25.000 LF	_____.	_____.
0010	204.0150 Removing Curb & Gutter	696.000 LF	_____.	_____.
0012	204.0155 Removing Concrete Sidewalk	3,470.000 SY	_____.	_____.
0014	204.0195 Removing Concrete Bases	29.000 EACH	_____.	_____.
0016	204.0210 Removing Manholes	22.000 EACH	_____.	_____.
0018	204.0220 Removing Inlets	15.000 EACH	_____.	_____.
0020	204.0245 Removing Storm Sewer (size) 01. 8-Inch	242.000 LF	_____.	_____.
0022	204.0245 Removing Storm Sewer (size) 02. 10-Inch	217.000 LF	_____.	_____.
0024	204.0245 Removing Storm Sewer (size) 03. 12-Inch	1,255.000 LF	_____.	_____.
0026	204.0245 Removing Storm Sewer (size) 04. 15-Inch	33.000 LF	_____.	_____.
0028	204.0245 Removing Storm Sewer (size) 05. 18-Inch	10.000 LF	_____.	_____.
0030	204.0245 Removing Storm Sewer (size) 06. 48-Inch	38.000 LF	_____.	_____.



Proposal Schedule of Items

Proposal ID: 20201110028 Project(s): 6424-03-70, 6424-03-80

Federal ID(s): WISC 2020556, N/A

SECTION: 0001 Contract Items

Alt Set ID: Alt Mbr ID:

Proposal Line Number	Item ID Description	Approximate Quantity and Units	Unit Price	Bid Amount
0032	204.0245 Removing Storm Sewer (size) 07. 48x76-Inch	7.000 LF	_____.	_____.
0034	204.9105.S Removing (item description) 01. Traffic Signals Main Street & Badger Street	LS	LUMP SUM	_____.
0036	204.9105.S Removing (item description) 02. Traffic Signals Main Street & Fulton Street	LS	LUMP SUM	_____.
0038	205.0100 Excavation Common	6,445.000 CY	_____.	_____.
0040	213.0100 Finishing Roadway (project) 01. 6424-03-70	1.000 EACH	_____.	_____.
0042	305.0120 Base Aggregate Dense 1 1/4-Inch	4,140.000 TON	_____.	_____.
0044	405.0200 Coloring Concrete Custom	303.100 CY	_____.	_____.
0046	415.0070 Concrete Pavement 7-Inch	7,904.000 SY	_____.	_____.
0048	415.4100 Concrete Pavement Joint Filling	8,420.000 SY	_____.	_____.
0050	415.5110.S Concrete Pavement Joint Layout	1.000 LS	_____.	_____.
0052	416.0170 Concrete Driveway 7-Inch	38.000 SY	_____.	_____.
0054	455.0605 Tack Coat	80.200 GAL	_____.	_____.
0056	460.2000 Incentive Density HMA Pavement	260.000 DOL	1.00000	260.00
0058	460.6224 HMA Pavement 4 MT 58-28 S	400.000 TON	_____.	_____.
0060	465.0120 Asphaltic Surface Driveways and Field Entrances	10.000 TON	_____.	_____.



Proposal Schedule of Items

Proposal ID: 20201110028 Project(s): 6424-03-70, 6424-03-80

Federal ID(s): WISC 2020556, N/A

SECTION: 0001 Contract Items

Alt Set ID: Alt Mbr ID:

Proposal Line Number	Item ID Description	Approximate Quantity and Units	Unit Price	Bid Amount
0062	601.0409 Concrete Curb & Gutter 30-Inch Type A	3,057.000 LF	_____.	_____.
0064	601.0411 Concrete Curb & Gutter 30-Inch Type D	644.000 LF	_____.	_____.
0066	601.0600 Concrete Curb Pedestrian	15.000 LF	_____.	_____.
0068	602.0410 Concrete Sidewalk 5-Inch	42,700.000 SF	_____.	_____.
0070	602.0515 Curb Ramp Detectable Warning Field Natural Patina	400.000 SF	_____.	_____.
0072	608.0315 Storm Sewer Pipe Reinforced Concrete Class III 15-Inch	361.000 LF	_____.	_____.
0074	608.0318 Storm Sewer Pipe Reinforced Concrete Class III 18-Inch	55.000 LF	_____.	_____.
0076	608.0324 Storm Sewer Pipe Reinforced Concrete Class III 24-Inch	316.000 LF	_____.	_____.
0078	608.0330 Storm Sewer Pipe Reinforced Concrete Class III 30-Inch	257.000 LF	_____.	_____.
0080	608.0336 Storm Sewer Pipe Reinforced Concrete Class III 36-Inch	341.000 LF	_____.	_____.
0082	608.0412 Storm Sewer Pipe Reinforced Concrete Class IV 12-Inch	754.000 LF	_____.	_____.
0084	608.0415 Storm Sewer Pipe Reinforced Concrete Class IV 15-Inch	153.000 LF	_____.	_____.
0086	608.0418 Storm Sewer Pipe Reinforced Concrete Class IV 18-Inch	14.000 LF	_____.	_____.
0088	608.0424 Storm Sewer Pipe Reinforced Concrete Class IV 24-Inch	164.000 LF	_____.	_____.



Proposal Schedule of Items

Proposal ID: 20201110028 Project(s): 6424-03-70, 6424-03-80

Federal ID(s): WISC 2020556, N/A

SECTION: 0001 Contract Items

Alt Set ID: Alt Mbr ID:

Proposal Line Number	Item ID Description	Approximate Quantity and Units	Unit Price	Bid Amount
0090	608.0460 Storm Sewer Pipe Reinforced Concrete Class IV 60-Inch	44.000 LF	_____.	_____.
0092	611.0420 Reconstructing Manholes	1.000 EACH	_____.	_____.
0094	611.0530 Manhole Covers Type J	11.000 EACH	_____.	_____.
0096	611.0624 Inlet Covers Type H	13.000 EACH	_____.	_____.
0098	611.0639 Inlet Covers Type H-S	24.000 EACH	_____.	_____.
0100	611.2004 Manholes 4-FT Diameter	5.000 EACH	_____.	_____.
0102	611.2005 Manholes 5-FT Diameter	2.000 EACH	_____.	_____.
0104	611.2006 Manholes 6-FT Diameter	3.000 EACH	_____.	_____.
0106	611.2008 Manholes 8-FT Diameter	1.000 EACH	_____.	_____.
0108	611.3004 Inlets 4-FT Diameter	13.000 EACH	_____.	_____.
0110	611.3230 Inlets 2x3-FT	21.000 EACH	_____.	_____.
0112	611.8120.S Cover Plates Temporary	7.000 EACH	_____.	_____.
0114	612.0902.S Insulation Board Polystyrene (inch) 01. 2-inch	290.000 SY	_____.	_____.
0116	618.0100 Maintenance And Repair of Haul Roads (project) 01. 6424-03-80	1.000 EACH	_____.	_____.
0118	619.1000 Mobilization	1.000 EACH	_____.	_____.
0120	624.0100 Water	41.000 MGAL	_____.	_____.



Proposal Schedule of Items

Proposal ID: 20201110028 Project(s): 6424-03-70, 6424-03-80

Federal ID(s): WISC 2020556, N/A

SECTION: 0001 Contract Items

Alt Set ID: Alt Mbr ID:

Proposal Line Number	Item ID Description	Approximate Quantity and Units	Unit Price	Bid Amount
0122	625.0100 Topsoil	350.000 SY	_____.	_____.
0124	628.1504 Silt Fence	188.000 LF	_____.	_____.
0126	628.1520 Silt Fence Maintenance	188.000 LF	_____.	_____.
0128	628.1905 Mobilizations Erosion Control	4.000 EACH	_____.	_____.
0130	628.1910 Mobilizations Emergency Erosion Control	4.000 EACH	_____.	_____.
0132	628.2006 Erosion Mat Urban Class I Type A	350.000 SY	_____.	_____.
0134	628.7005 Inlet Protection Type A	39.000 EACH	_____.	_____.
0136	628.7015 Inlet Protection Type C	11.000 EACH	_____.	_____.
0138	628.7020 Inlet Protection Type D	28.000 EACH	_____.	_____.
0140	628.7560 Tracking Pads	2.000 EACH	_____.	_____.
0142	629.0210 Fertilizer Type B	0.240 CWT	_____.	_____.
0144	630.0140 Seeding Mixture No. 40	6.400 LB	_____.	_____.
0146	630.0500 Seed Water	7.800 MGAL	_____.	_____.
0148	632.0101 Trees (species) (size) (root) 01. Celtis Occidentalis 2-Inch B&B	2.000 EACH	_____.	_____.
0150	632.0101 Trees (species) (size) (root) 02. Ginko Biloba Princeton Sentry 2-Inch B&B	16.000 EACH	_____.	_____.
0152	632.0101 Trees (species) (size) (root) 03. Gleditsia Triacanthos Skyline 2-Inch B&B	3.000 EACH	_____.	_____.



Proposal Schedule of Items

Proposal ID: 20201110028 Project(s): 6424-03-70, 6424-03-80

Federal ID(s): WISC 2020556, N/A

SECTION: 0001 Contract Items

Alt Set ID: Alt Mbr ID:

Proposal Line Number	Item ID Description	Approximate Quantity and Units	Unit Price	Bid Amount
0154	632.0101 Trees (species) (size) (root) 04. Gymnocladus Dioica Espresso 3-Inch B&B	4.000 EACH	_____.	_____.
0156	632.0101 Trees (species) (size) (root) 05. Ulmus Americana New Harmony 2-Inch B&B	4.000 EACH	_____.	_____.
0158	632.9101 Landscape Planting Surveillance and Care Cycles	6.000 EACH	_____.	_____.
0160	634.0814 Posts Tubular Steel 2x2-Inch X 14-FT	16.000 EACH	_____.	_____.
0162	637.2210 Signs Type II Reflective H	97.740 SF	_____.	_____.
0164	638.2602 Removing Signs Type II	83.000 EACH	_____.	_____.
0166	638.3000 Removing Small Sign Supports	14.000 EACH	_____.	_____.
0168	642.5001 Field Office Type B	1.000 EACH	_____.	_____.
0170	643.0300 Traffic Control Drums	4,855.000 DAY	_____.	_____.
0172	643.0410 Traffic Control Barricades Type II	2,265.000 DAY	_____.	_____.
0174	643.0420 Traffic Control Barricades Type III	4,342.000 DAY	_____.	_____.
0176	643.0705 Traffic Control Warning Lights Type A	3,942.000 DAY	_____.	_____.
0178	643.0900 Traffic Control Signs	4,872.000 DAY	_____.	_____.
0180	643.5000 Traffic Control	1.000 EACH	_____.	_____.
0182	644.1410 Temporary Pedestrian Surface Asphalt	3,190.000 SF	_____.	_____.



Proposal Schedule of Items

Proposal ID: 20201110028 Project(s): 6424-03-70, 6424-03-80

Federal ID(s): WISC 2020556, N/A

SECTION: 0001 Contract Items

Alt Set ID: Alt Mbr ID:

Proposal Line Number	Item ID Description	Approximate Quantity and Units	Unit Price	Bid Amount
0184	644.1601 Temporary Pedestrian Curb Ramp	246.000 DAY	_____.	_____.
0186	646.1020 Marking Line Epoxy 4-Inch	3,260.000 LF	_____.	_____.
0188	646.3020 Marking Line Epoxy 8-Inch	30.000 LF	_____.	_____.
0190	646.5220 Marking Symbol Epoxy	4.000 EACH	_____.	_____.
0192	646.6020 Marking Stop Line Epoxy 12-Inch	230.000 LF	_____.	_____.
0194	646.7420 Marking Crosswalk Epoxy Transverse Line 6-Inch	1,247.000 LF	_____.	_____.
0196	646.8320 Marking Parking Stall Epoxy	2,976.000 LF	_____.	_____.
0198	650.4000 Construction Staking Storm Sewer	56.000 EACH	_____.	_____.
0200	650.4500 Construction Staking Subgrade	2,300.000 LF	_____.	_____.
0202	650.5000 Construction Staking Base	426.000 LF	_____.	_____.
0204	650.5500 Construction Staking Curb Gutter and Curb & Gutter	725.000 LF	_____.	_____.
0206	650.7000 Construction Staking Concrete Pavement	1,887.000 LF	_____.	_____.
0208	650.8500 Construction Staking Electrical Installations (project) 01. 6424-03-70	LS	LUMP SUM	_____.
0210	650.9000 Construction Staking Curb Ramps	38.000 EACH	_____.	_____.
0212	650.9910 Construction Staking Supplemental Control (project) 01. 6424-03-70	LS	LUMP SUM	_____.



Proposal Schedule of Items

Proposal ID: 20201110028 Project(s): 6424-03-70, 6424-03-80

Federal ID(s): WISC 2020556, N/A

SECTION: 0001 Contract Items

Alt Set ID: Alt Mbr ID:

Proposal Line Number	Item ID Description	Approximate Quantity and Units	Unit Price	Bid Amount
0214	650.9920 Construction Staking Slope Stakes	2,300.000 LF	_____	_____
0216	652.0205 Conduit Rigid Nonmetallic Schedule 40 3/4-Inch	631.000 LF	_____	_____
0218	652.0225 Conduit Rigid Nonmetallic Schedule 40 2-Inch	6,053.000 LF	_____	_____
0220	652.0235 Conduit Rigid Nonmetallic Schedule 40 3-Inch	846.000 LF	_____	_____
0222	653.0164 Pull Boxes Non-Conductive 24x42-Inch	31.000 EACH	_____	_____
0224	653.0905 Removing Pull Boxes	8.000 EACH	_____	_____
0226	655.0610 Electrical Wire Lighting 12 AWG	5,593.000 LF	_____	_____
0228	655.0615 Electrical Wire Lighting 10 AWG	2,763.000 LF	_____	_____
0230	655.0625 Electrical Wire Lighting 6 AWG	18,930.000 LF	_____	_____
0232	655.0630 Electrical Wire Lighting 4 AWG	22,185.000 LF	_____	_____
0234	656.0400 Electrical Service Main Lugs Only Meter Pedestal (location) 01. STA 499+52 22.3' RT	LS	LUMP SUM	_____
0236	690.0150 Sawing Asphalt	610.000 LF	_____	_____
0238	690.0250 Sawing Concrete	9,727.000 LF	_____	_____
0240	715.0415 Incentive Strength Concrete Pavement	2,900.000 DOL	1.00000	2,900.00
0242	715.0710 Optimized Aggregate Gradation Incentive	5,928.000 DOL	1.00000	5,928.00



Proposal Schedule of Items

Proposal ID: 20201110028 Project(s): 6424-03-70, 6424-03-80

Federal ID(s): WISC 2020556, N/A

SECTION: 0001 Contract Items

Alt Set ID: Alt Mbr ID:

Proposal Line Number	Item ID Description	Approximate Quantity and Units	Unit Price	Bid Amount
0244	740.0440 Incentive IRI Ride	1,200.000 DOL	1.00000	1,200.00
0246	999.1500.S Crack and Damage Survey	LS	LUMP SUM	_____.
0248	ASP.1T0A On-the-Job Training Apprentice at \$5.00/HR	2,000.000 HRS	5.00000	10,000.00
0250	ASP.1T0G On-the-Job Training Graduate at \$5.00/HR	1,260.000 HRS	5.00000	6,300.00
0252	SPV.0060 Special 01. Inlet Covers Type H-D	2.000 EACH	_____.	_____.
0254	SPV.0060 Special 02. Residential Manholes	6.000 EACH	_____.	_____.
0256	SPV.0060 Special 03. Manholes 10-FT Diameter	1.000 EACH	_____.	_____.
0258	SPV.0060 Special 04. Inlets 5-FT Diameter	4.000 EACH	_____.	_____.
0260	SPV.0060 Special 05. Inlets 6-FT Diameter	1.000 EACH	_____.	_____.
0262	SPV.0060 Special 06. Decorative Paver	16.000 EACH	_____.	_____.
0264	SPV.0060 Special 07. Sanitary Sewer Manhole 4-FT Diameter w/Casting	4.000 EACH	_____.	_____.
0266	SPV.0060 Special 08. Sanitary Sewer Manhole 5-FT Diameter w/Casting and Outside Drop	1.000 EACH	_____.	_____.
0268	SPV.0060 Special 09. Connect to Existing Sanitary Sewer Main	5.000 EACH	_____.	_____.
0270	SPV.0060 Special 10. Connect to Existing Sanitary Sewer Manhole	1.000 EACH	_____.	_____.



Proposal Schedule of Items

Proposal ID: 20201110028 Project(s): 6424-03-70, 6424-03-80

Federal ID(s): WISC 2020556, N/A

SECTION: 0001 Contract Items

Alt Set ID: Alt Mbr ID:

Proposal Line Number	Item ID Description	Approximate Quantity and Units	Unit Price	Bid Amount
0272	SPV.0060 Special 11. Connect to Existing Sanitary Force Main	1.000 EACH	_____.	_____.
0274	SPV.0060 Special 12. Connect to Existing Sanitary Temporary Manhole Connection	3.000 EACH	_____.	_____.
0276	SPV.0060 Special 13. Connect to Existing Sanitary Sewer Service	60.000 EACH	_____.	_____.
0278	SPV.0060 Special 14. Sanitary Sewer Wye, 10-inch x 6-inch	60.000 EACH	_____.	_____.
0280	SPV.0060 Special 15. Exploratory Excavation	10.000 EACH	_____.	_____.
0282	SPV.0060 Special 16. Reconstruct Sanitary Manhole	3.000 EACH	_____.	_____.
0284	SPV.0060 Special 17. Coal Chute/Window Wall Repair	12.000 EACH	_____.	_____.
0286	SPV.0060 Special 18. Remove Existing Gate Valve and Box	10.000 EACH	_____.	_____.
0288	SPV.0060 Special 19. Remove Existing Hydrant and Lead	6.000 EACH	_____.	_____.
0290	SPV.0060 Special 20. Cut Into and Connect to Existing Water Main	11.000 EACH	_____.	_____.
0292	SPV.0060 Special 21. Connect to Existing Water Main	1.000 EACH	_____.	_____.
0294	SPV.0060 Special 22. Lower Water Main	4.000 EACH	_____.	_____.
0296	SPV.0060 Special 23. Gate Valve and Box 6-Inch	5.000 EACH	_____.	_____.
0298	SPV.0060 Special 24. Gate Valve and Box 8-Inch	7.000 EACH	_____.	_____.



Proposal Schedule of Items

Proposal ID: 20201110028 Project(s): 6424-03-70, 6424-03-80

Federal ID(s): WISC 2020556, N/A

SECTION: 0001 Contract Items

Alt Set ID: Alt Mbr ID:

Proposal Line Number	Item ID Description	Approximate Quantity and Units	Unit Price	Bid Amount
0300	SPV.0060 Special 25. Gate Valve and Box 12-Inch	11.000 EACH	_____.	_____.
0302	SPV.0060 Special 26. Hydrant 8.5-FT Bury Depth	5.000 EACH	_____.	_____.
0304	SPV.0060 Special 27. Connect to Existing Water Service	50.000 EACH	_____.	_____.
0306	SPV.0060 Special 28. Corporation Stop 1-inch	50.000 EACH	_____.	_____.
0308	SPV.0060 Special 29. Curb Stop and Box 1-inch	50.000 EACH	_____.	_____.
0310	SPV.0060 Special 30. Concrete Bases Type Special	29.000 EACH	_____.	_____.
0312	SPV.0060 Special 31. Concrete Control Cabinet Bases Type Special	1.000 EACH	_____.	_____.
0314	SPV.0060 Special 32. Lighting Control Cabinet Type Special	1.000 EACH	_____.	_____.
0316	SPV.0060 Special 33. Removing Lighting Control Cabinet	1.000 EACH	_____.	_____.
0318	SPV.0060 Special 34. Remove Bollard	29.000 EACH	_____.	_____.
0320	SPV.0060 Special 35. Lighting Unit Type Special	29.000 EACH	_____.	_____.
0322	SPV.0060 Special 36. Receptical Stanchion	29.000 EACH	_____.	_____.
0324	SPV.0085 Special 01. Water Main Fittings	2,608.000 LB	_____.	_____.
0326	SPV.0090 Special 01. Railing	52.000 LF	_____.	_____.
0328	SPV.0090 Special 02. Concrete Curb & Gutter 24-Inch Type D	81.000 LF	_____.	_____.



Proposal Schedule of Items

Proposal ID: 20201110028 Project(s): 6424-03-70, 6424-03-80

Federal ID(s): WISC 2020556, N/A

SECTION: 0001 Contract Items

Alt Set ID: Alt Mbr ID:

Proposal Line Number	Item ID Description	Approximate Quantity and Units	Unit Price	Bid Amount
0330	SPV.0090 Special 03. Sanitary Force Main 2-inch SDR 21 PVC	74.000 LF	_____.	_____.
0332	SPV.0090 Special 04. Sanitary Sewer Service 6-inch PVC	2,640.000 LF	_____.	_____.
0334	SPV.0090 Special 05. Sanitary Sewer Main 8-inch	119.000 LF	_____.	_____.
0336	SPV.0090 Special 06. Sanitary Sewer Main 10-inch	1,386.000 LF	_____.	_____.
0338	SPV.0090 Special 07. Sanitary Sewer Main 15-inch	91.000 LF	_____.	_____.
0340	SPV.0090 Special 08. Televiser Sanitary Sewer	1,574.000 LF	_____.	_____.
0342	SPV.0090 Special 09. Remove Existing Sanitary Sewer Main	1,460.000 LF	_____.	_____.
0344	SPV.0090 Special 10. Water Main C900 6-inch	99.000 LF	_____.	_____.
0346	SPV.0090 Special 11. Water Main C900 8-inch	374.000 LF	_____.	_____.
0348	SPV.0090 Special 12. Water Main C900 12-inch	1,559.000 LF	_____.	_____.
0350	SPV.0090 Special 13. Water Service 1-inch	2,420.000 LF	_____.	_____.
0352	SPV.0090 Special 14. Salvage Trolley Car Rail	1,294.000 LF	_____.	_____.
0354	SPV.0090 Special 15. Storm Sewer Pipe PVC 6-Inch	129.000 LF	_____.	_____.
0356	SPV.0090 Special 16. Removing Cables & Conduit	2,433.000 LF	_____.	_____.
0358	SPV.0105 Special 01. Maintain Water Service During Construction	LS	LUMP SUM	_____.



Proposal Schedule of Items

Proposal ID: 20201110028 Project(s): 6424-03-70, 6424-03-80

Federal ID(s): WISC 2020556, N/A

SECTION: 0001 Contract Items

Alt Set ID: Alt Mbr ID:

Proposal Line Number	Item ID Description	Approximate Quantity and Units	Unit Price	Bid Amount
0360	SPV.0105 Special 02. Soil Cell System - Stage 1	LS	LUMP SUM	_____.
0362	SPV.0105 Special 03. Soil Cell System - Stage 2	LS	LUMP SUM	_____.
0364	SPV.0165 Special 01. Salvaged Brick Pavers	130.000 SF	_____.	_____.
0366	SPV.0180 Special 01. Concrete Pavement HES 7-Inch	516.000 SY	_____.	_____.
0368	SPV.0200 Special 01. Sanitary Manhole Excess Depth 4-FT Diameter	7.600 VF	_____.	_____.
0370	SPV.0200 Special 02. Sanitary Manhole Excess Depth 5-FT Diameter	9.900 VF	_____.	_____.
Section: 0001			Total:	_____.
			Total Bid:	_____.

PLEASE ATTACH ADDENDA HERE



Wisconsin Department of Transportation

November 2, 2020

**Division of Transportation Systems
Development**

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

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

NOTICE TO ALL CONTRACTORS:

Federal Wage Rate Addendum #01

Letting of 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.

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

BRWI0002-005 06/01/2019

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

	Rates	Fringes
CEMENT MASON/CONCRETE FINISHER...	\$ 35.51	23.37

BRWI0003-002 06/03/2019

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

	Rates	Fringes
BRICKLAYER.....	\$ 34.18	23.90

BRWI0004-002 06/01/2019

KENOSHA, RACINE, AND WALWORTH COUNTIES

Rates	Fringes
-------	---------

BRICKLAYER.....\$ 38.43 25.10

BRWI0006-002 06/01/2019

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

Rates Fringes

BRICKLAYER.....\$ 35.06 23.02

BRWI0007-002 06/03/2019

GREEN, LAFAYETTE, AND ROCK COUNTIES

Rates Fringes

BRICKLAYER.....\$ 35.57 24.22

BRWI0008-002 06/01/2019

MILWAUKEE, OZAUKEE, WASHINGTON, AND WAUKESHA COUNTIES

Rates Fringes

BRICKLAYER.....\$ 38.93 24.22

BRWI0011-002 06/03/2019

CALUMET, FOND DU LAC, MANITOWOC, AND SHEBOYGAN COUNTIES

Rates Fringes

BRICKLAYER.....\$ 34.18 23.90

BRWI0019-002 06/03/2019

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

Rates Fringes

BRICKLAYER.....\$ 33.40 24.68

BRWI0034-002 06/03/2019

COLUMBIA AND SAUK COUNTIES

	Rates	Fringes
BRICKLAYER.....	\$ 35.56	24.23

 CARP0087-001 05/01/2016

BURNETT (W. of Hwy 48), PIERCE (W. of Hwy 29), POLK (W. of Hwys 35, 48 & 65), AND ST. CROIX (W. of Hwy 65) COUNTIES

	Rates	Fringes
Carpenter & Piledrivermen.....	\$ 36.85	18.39

 CARP0252-002 06/01/2016

ADAMS, BARRON, BAYFIELD (Eastern 2/3), BROWN, BUFFALO, BURNETT (E. of Hwy 48), CALUMET, CHIPPEWA, CLARK, COLUMBIA, CRAWFORD, DANE, DODGE, DOOR, DUNN, EAU CLAIRE, FLORENCE (except area bordering Michigan State Line), FOND DU LAC, FOREST, GRANT, GREEN, GREEN LAKE, IOWA, IRON, JACKSON, JEFFERSON, JUNEAU, KEWAUNEE, LA CROSSE, LAFAYETTE, LANGLADE, LINCOLN, MANITOWOC, MARATHON, MARINETTE (except N.E. corner), MARQUETTE, MENOMINEE, MONROE, OCONTO, ONEIDA, OUTAGAMIE, PEPIN, PIERCE (E. of Hwys 29 & 65), POLK (E. of Hwys 35, 48 & 65), PORTAGE, PRICE, RICHLAND, ROCK, RUSK, SAUK, SAWYER, SHAWANO, SHEBOYGAN, ST CROIX (E. of Hwy 65), TAYLOR, TREMPLEAU, VERNON, VILAS, WALWORTH, WASHBURN, WAUPACA, WAUSHARA, WINNEBAGO, AND WOOD COUNTIES

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

 CARP0252-010 06/01/2016

ASHLAND COUNTY

	Rates	Fringes
Carpenters		
Carpenter.....	\$ 33.56	18.00
Millwright.....	\$ 35.08	18.35
Pile Driver.....	\$ 34.12	18.00

CARP0264-003 06/01/2016

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

	Rates	Fringes
CARPENTER.....	\$ 35.78	22.11

CARP0361-004 05/01/2018

BAYFIELD (West of Hwy 63) AND DOUGLAS COUNTIES

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

CARP2337-001 06/01/2016

ZONE A: MILWAUKEE, OZAUKEE, WAUKESHA AND WASHINGTON

ZONE B: KENOSHA & RACINE

	Rates	Fringes
PILEDRIVERMAN		
Zone A.....	\$ 31.03	22.69
Zone B.....	\$ 31.03	22.69

ELEC0014-002 06/14/2020

ASHLAND, BARRON, BAYFIELD, BUFFALO, BURNETT, CHIPPEWA, CLARK (except Maryville, Colby, Unity, Sherman, Fremont, Lynn & Sherwood), CRAWFORD, DUNN, EAU CLAIRE, GRANT, IRON, JACKSON, LA CROSSE, MONROE, PEPIN, PIERCE, POLK, PRICE, RICHLAND, RUSK, ST CROIX, SAWYER, TAYLOR, TREMPLEAU, VERNON, AND WASHBURN COUNTIES

	Rates	Fringes
Electricians:.....	\$ 35.98	20.98

ELEC0014-007 07/05/2020

REMAINING COUNTIES

	Rates	Fringes
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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).

 ELEC0127-002 06/01/2020

KENOSHA COUNTY

	Rates	Fringes
Electricians:.....	\$ 41.62	30%+12.70

 * 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

* 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

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

ELEC0577-003 06/01/2019

CALUMET (except Township of New Holstein), GREEN LAKE (N. part including Townships of Berlin, St Marie, and Seneca), MARQUETTE (N. part including Townships of Crystal Lake, Neshkoro, Newton, and Springfield), OUTAGAMIE, WAUPACA, WAUSHARA, AND WINNEBAGO

COUNTIES

	Rates	Fringes
Electricians:.....	\$ 33.15	28.50%+10.00

ELEC0890-003 06/01/2020		

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

	Rates	Fringes
Electricians:.....	\$ 37.41	25.95%+11.11

ELEC0953-001 06/02/2019		

	Rates	Fringes
Line Construction:		
(1) Lineman.....	\$ 47.53	21.43
(2) Heavy Equipment Operator.....	\$ 42.78	19.80
(3) Equipment Operator.....	\$ 38.02	18.40
(4) Heavy Groundman Driver..	\$ 33.27	16.88
(5) Light Groundman Driver..	\$ 30.89	16.11
(6) Groundsman.....	\$ 26.14	14.60

ENGI0139-005 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.

IRON0008-002 06/01/2020

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

	Rates	Fringes
IRONWORKER.....	\$ 37.31	27.62

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

IRON0008-003 06/01/2020

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

	Rates	Fringes
IRONWORKER.....	\$ 39.11	27.87

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

IRON0383-001 06/01/2020

ADAMS, COLUMBIA, CRAWFORD, DANE, DODGE, FLORENCE, FOREST, GRANT, GREENE, (Excluding S.E. tip), GREEN LAKE, IOWA, JEFFERSON, JUNEAU, LA CROSSE, LAFAYETTE, LANGLADE, MARATHON, MARQUETTE, MENOMINEE, MONROE, PORTAGE, RICHLAND, ROCK (Northern area, vicinity of Edgerton and Milton), SAUK, VERNON, WAUPACA, WAUSHARA, AND WOOD COUNTIES

	Rates	Fringes
IRONWORKER.....	\$ 37.10	27.06

IRON0498-005 06/01/2019

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

	Rates	Fringes
IRONWORKER.....	\$ 40.25	40.53

IRON0512-008 06/03/2019

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

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

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

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

 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

PAIN0106-008 05/01/2017

ASHLAND, BAYFIELD, BURNETT, AND DOUGLAS COUNTIES

	Rates	Fringes
Painters:		
New:		
Brush, Roller.....	\$ 30.33	17.27
Spray, Sandblast, Steel....	\$ 30.93	17.27
Repaint:		
Brush, Roller.....	\$ 28.83	17.27
Spray, Sandblast, Steel....	\$ 29.43	17.27

PAIN0108-002 06/01/2019

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.

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

PAIN0934-001 06/01/2017

KENOSHA AND WALWORTH COUNTIES

	Rates	Fringes
Painters:		
Brush.....	\$ 33.74	18.95
Spray.....	\$ 34.74	18.95
Structural Steel.....	\$ 33.89	18.95

PAIN1011-002 06/02/2019

FLORENCE COUNTY

	Rates	Fringes
Painters:.....	\$ 25.76	13.33

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

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

WELL DRILLER.....	\$ 16.52	3.70

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

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Note: Executive Order (EO) 13706, Establishing Paid Sick Leave for Federal Contractors applies to all contracts subject to the Davis-Bacon Act for which the contract is awarded (and any solicitation was issued) on or after January 1, 2017. If this contract is covered by the EO, the contractor must provide

employees with 1 hour of paid sick leave for every 30 hours they work, up to 56 hours of paid sick leave each year. Employees must be permitted to use paid sick leave for their own illness, injury or other health-related needs, including preventive care; to assist a family member (or person who is like family to the employee) who is ill, injured, or has other health-related needs, including preventive care; or for reasons resulting from, or to assist a family member (or person who is like family to the employee) who is a victim of, domestic violence, sexual assault, or stalking. Additional information on contractor requirements and worker protections under the EO is available at www.dol.gov/whd/govcontracts.

Unlisted classifications needed for work not included within the scope of the classifications listed may be added after award only as provided in the labor standards contract clauses (29CFR 5.5 (a) (1) (ii)).

The body of each wage determination lists the classification and wage rates that have been found to be prevailing for the cited type(s) of construction in the area covered by the wage determination. The classifications are listed in alphabetical order of ""identifiers"" that indicate whether the particular rate is a union rate (current union negotiated rate for local), a survey rate (weighted average rate) or a union average rate (weighted union average rate).

Union Rate Identifiers

A four letter classification abbreviation identifier enclosed in dotted lines beginning with characters other than ""SU"" or ""UAVG"" denotes that the union classification and rate were prevailing for that classification in the survey. Example: PLUM0198-005 07/01/2014. PLUM is an abbreviation identifier of the union which prevailed in the survey for this classification, which in this example would be Plumbers. 0198 indicates the local union number or district council number where applicable, i.e., Plumbers Local 0198. The next number, 005 in the example, is an internal number used in processing the wage determination. 07/01/2014 is the effective date of the most current negotiated rate, which in this example is July 1, 2014.

Union prevailing wage rates are updated to reflect all rate changes in the collective bargaining agreement (CBA) governing this classification and rate.

Survey Rate Identifiers

Classifications listed under the "SU" identifier indicate that no one rate prevailed for this classification in the survey and the published rate is derived by computing a weighted average rate based on all the rates reported in the survey for that classification. As this weighted average rate includes all rates reported in the survey, it may include both union and non-union rates. Example: SULA2012-007 5/13/2014. SU indicates the rates are survey rates based on a weighted average calculation of rates and are not majority rates. LA indicates the State of Louisiana. 2012 is the year of survey on which these classifications and rates are based. The next number, 007 in the example, is an internal number used in producing the wage determination. 5/13/2014 indicates the survey completion date for the classifications and rates under that identifier.

Survey wage rates are not updated and remain in effect until a new survey is conducted.

Union Average Rate Identifiers

Classification(s) listed under the UAVG identifier indicate that no single majority rate prevailed for those classifications; however, 100% of the data reported for the classifications was union data. EXAMPLE: UAVG-OH-0010 08/29/2014. UAVG indicates that the rate is a weighted union average rate. OH indicates the state. The next number, 0010 in the example, is an internal number used in producing the wage determination. 08/29/2014 indicates the survey completion date for the classifications and rates under that identifier.

A UAVG rate will be updated once a year, usually in January of each year, to reflect a weighted average of the current negotiated/CBA rate of the union locals from which the rate is based.

WAGE DETERMINATION APPEALS PROCESS

1.) Has there been an initial decision in the matter? This can be:

- * an existing published wage determination
- * a survey underlying a wage determination
- * a Wage and Hour Division letter setting forth a position on

- a wage determination matter
- * a conformance (additional classification and rate) ruling

On survey related matters, initial contact, including requests for summaries of surveys, should be with the Wage and Hour Regional Office for the area in which the survey was conducted because those Regional Offices have responsibility for the Davis-Bacon survey program. If the response from this initial contact is not satisfactory, then the process described in 2.) and 3.) should be followed.

With regard to any other matter not yet ripe for the formal process described here, initial contact should be with the Branch of Construction Wage Determinations. Write to:

Branch of Construction Wage Determinations
Wage and Hour Division
U.S. Department of Labor
200 Constitution Avenue, N.W.
Washington, DC 20210

2.) If the answer to the question in 1.) is yes, then an interested party (those affected by the action) can request review and reconsideration from the Wage and Hour Administrator (See 29 CFR Part 1.8 and 29 CFR Part 7). Write to:

Wage and Hour Administrator
U.S. Department of Labor
200 Constitution Avenue, N.W.
Washington, DC 20210

The request should be accompanied by a full statement of the interested party's position and by any information (wage payment data, project description, area practice material, etc.) that the requestor considers relevant to the issue.

3.) If the decision of the Administrator is not favorable, an interested party may appeal directly to the Administrative Review Board (formerly the Wage Appeals Board). Write to:

Administrative Review Board
U.S. Department of Labor
200 Constitution Avenue, N.W.
Washington, DC 20210

4.) All decisions by the Administrative Review Board are final.

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END OF GENERAL DECISION"

"General Decision Number: 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.

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

BRWI0002-002 06/01/2019

ASHLAND, BAYFIELD, DOUGLAS, AND IRON COUNTIES

	Rates	Fringes
BRICKLAYER.....	\$ 39.94	23.30

BRWI0002-005 06/01/2019

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

	Rates	Fringes
CEMENT MASON/CONCRETE FINISHER...	\$ 35.51	23.37

BRWI0003-002 06/03/2019

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

	Rates	Fringes
BRICKLAYER.....	\$ 34.18	23.90

BRWI0004-002 06/01/2019

KENOSHA, RACINE, AND WALWORTH COUNTIES

Rates	Fringes
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BRICKLAYER.....\$ 38.43 25.10

BRWI0006-002 06/01/2019

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

Rates Fringes

BRICKLAYER.....\$ 35.06 23.02

BRWI0007-002 06/03/2019

GREEN, LAFAYETTE, AND ROCK COUNTIES

Rates Fringes

BRICKLAYER.....\$ 35.57 24.22

BRWI0008-002 06/01/2019

MILWAUKEE, OZAUKEE, WASHINGTON, AND WAUKESHA COUNTIES

Rates Fringes

BRICKLAYER.....\$ 38.93 24.22

BRWI0009-001 06/03/2019

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

Rates Fringes

BRICKLAYER.....\$ 34.18 23.90

BRWI0011-002 06/03/2019

CALUMET, FOND DU LAC, MANITOWOC, AND SHEBOYGAN COUNTIES

Rates Fringes

BRICKLAYER.....\$ 34.18 23.90

BRWI0013-002 06/03/2019

DANE, GRANT, IOWA, AND RICHLAND COUNTIES

	Rates	Fringes
BRICKLAYER.....	\$ 35.56	24.23

 BRWI0019-002 06/03/2019

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

	Rates	Fringes
BRICKLAYER.....	\$ 33.40	24.68

 BRWI0021-002 06/03/2019

DODGE AND JEFFERSON COUNTIES

	Rates	Fringes
BRICKLAYER.....	\$ 35.75	24.02

 BRWI0034-002 06/03/2019

COLUMBIA AND SAUK COUNTIES

	Rates	Fringes
BRICKLAYER.....	\$ 35.56	24.23

 CARP0087-001 05/01/2016

BURNETT (W. of Hwy 48), PIERCE (W. of Hwy 29), POLK (W. of Hwys
 35, 48 & 65), AND ST. CROIX (W. of Hwy 65) COUNTIES

	Rates	Fringes
Carpenter & Piledrivermen.....	\$ 36.85	18.39

 CARP0252-002 06/01/2016

ADAMS, BARRON, BAYFIELD (Eastern 2/3), BROWN, BUFFALO,
 BURNETT (E. of Hwy 48), CALUMET, CHIPPEWA, CLARK, COLUMBIA,
 CRAWFORD, DANE, DODGE, DOOR, DUNN, EAU CLAIRE, FLORENCE (except
 area bordering Michigan State Line), FOND DU LAC, FOREST,
 GRANT, GREEN, GREEN LAKE, IOWA, IRON, JACKSON, JEFFERSON,
 JUNEAU, KEWAUNEE, LA CROSSE, LAFAYETTE, LANGLADE, LINCOLN,
 MANITOWOC, MARATHON, MARINETTE (except N.E. corner), MARQUETTE,

MENOMINEE, MONROE, OCONTO, ONEIDA, OUTAGAMIE, PEPIN, PIERCE (E. of Hwys 29 & 65), POLK (E. of Hwys 35, 48 & 65), PORTAGE, PRICE, RICHLAND, ROCK, RUSK, SAUK, SAWYER, SHAWANO, SHEBOYGAN, ST CROIX (E. of Hwy 65), TAYLOR, TREMPLEAU, VERNON, VILAS, WALWORTH, WASHBURN, WAUPACA, WAUSHARA, WINNEBAGO, AND WOOD COUNTIES

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

 CARP0252-010 06/01/2016

ASHLAND COUNTY

	Rates	Fringes
Carpenters		
Carpenter.....	\$ 33.56	18.00
Millwright.....	\$ 35.08	18.35
Pile Driver.....	\$ 34.12	18.00

 CARP0264-003 06/01/2016

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

	Rates	Fringes
CARPENTER.....	\$ 35.78	22.11

 CARP0361-004 05/01/2018

BAYFIELD (West of Hwy 63) AND DOUGLAS COUNTIES

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

 CARP2337-001 06/01/2016

ZONE A: MILWAUKEE, OZAUKEE, WAUKESHA AND WASHINGTON

ZONE B: KENOSHA & RACINE

	Rates	Fringes
PILEDRIVERMAN		
Zone A.....	\$ 31.03	22.69
Zone B.....	\$ 31.03	22.69

 CARP2337-003 06/01/2019

	Rates	Fringes
MILLWRIGHT		
Zone A.....	\$ 33.58	21.53
Zone B.....	\$ 33.58	21.53

ZONE DEFINITIONS

ZONE A: MILWAUKEE, OZAUKEE, WAUKESHA AND WASHINGTON COUNTIES

ZONE B: KENOSHA & RACINE COUNTIES

 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

 ELEC0127-002 06/01/2020

KENOSHA COUNTY

	Rates	Fringes
Electricians:.....	\$ 41.62	30%+12.70

 * 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

* 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 Sweeprs; Lift Slab Machine; Roller under 5 tons; Industrial Locomotives; Fireman (Pile Drivers and Derricks); Pumps (well points); Hoists, automatic; A-Frames and Winch Trucks; Hoists (tuggers); Boats (Tug, Safety, Work Barges and Launches); Assistant Engineer

GROUP 6: Shouldering Machine Operator; Farm or Industrial Tractor mounted equipment; Post Hole Digger; Auger (vertical and horizontal); Skid Steer Loader with or without attachments; Robotic Tool Carrier with or without attachments; Power Pack Vibratory/Ultra Sound Driver and Extractor; Fireman (Asphalt Plants); Screed Operator; Stone Crushers and Screening Plants; Air, Electric, Hydraulic Jacks (Slip Form); Prestress Machines; Air Compressor, 400 CFM or over; Refrigeration Plant/Freeze Machine; Boiler Operators (temporary heat); Forklifts; Welding Machines; Generators; Pumps over 3"; Heaters, Mechanical; Combination small equipment operator; Winches, small electric; Oiler; Greaser; Rotary Drill Tender; Conveyor; Elevator Operator

 ENGI0139-007 06/01/2020

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).

 IRON0008-002 06/01/2020

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

	Rates	Fringes
IRONWORKER.....	\$ 37.31	27.62

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

 IRON0008-003 06/01/2020

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

	Rates	Fringes
IRONWORKER.....	\$ 39.11	27.87

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

IRON0383-001 06/01/2020

ADAMS, COLUMBIA, CRAWFORD, DANE, DODGE, FLORENCE, FOREST, GRANT, GREENE, (Excluding S.E. tip), GREEN LAKE, IOWA, JEFFERSON, JUNEAU, LA CROSSE, LAFAYETTE, LANGLADE, MARATHON, MARQUETTE, MENOMINEE, MONROE, PORTAGE, RICHLAND, ROCK (Northern area, vicinity of Edgerton and Milton), SAUK, VERNON, WAUPACA, WAUSHARA, AND WOOD COUNTIES

	Rates	Fringes
IRONWORKER.....	\$ 37.10	27.06

IRON0498-005 06/01/2019

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

	Rates	Fringes
IRONWORKER.....	\$ 40.25	40.53

IRON0512-008 06/03/2019

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

LAB00113-004 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

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

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

* 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.

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

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

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

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

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

WELL DRILLER.....	\$ 16.52	3.70

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

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Note: Executive Order (EO) 13706, Establishing Paid Sick Leave for Federal Contractors applies to all contracts subject to the Davis-Bacon Act for which the contract is awarded (and any solicitation was issued) on or after January 1, 2017. If this contract is covered by the EO, the contractor must provide employees with 1 hour of paid sick leave for every 30 hours they work, up to 56 hours of paid sick leave each year. Employees must be permitted to use paid sick leave for their own illness, injury or other health-related needs, including preventive care; to assist a family member (or person who is like family to the employee) who is ill, injured, or has other health-related needs, including preventive care; or for reasons resulting from, or to assist a family member (or person who is like family to the employee) who is a victim of, domestic violence, sexual assault, or stalking. Additional information on contractor requirements and worker protections under the EO is available at www.dol.gov/whd/govcontracts.

Unlisted classifications needed for work not included within the scope of the classifications listed may be added after award only as provided in the labor standards contract clauses (29CFR 5.5 (a) (1) (ii)).

The body of each wage determination lists the classification and wage rates that have been found to be prevailing for the cited type(s) of construction in the area covered by the wage determination. The classifications are listed in alphabetical order of ""identifiers"" that indicate whether the particular rate is a union rate (current union negotiated rate for local), a survey rate (weighted average rate) or a union average rate (weighted union average rate).

Union Rate Identifiers

A four letter classification abbreviation identifier enclosed in dotted lines beginning with characters other than ""SU"" or ""UAVG"" denotes that the union classification and rate were prevailing for that classification in the survey. Example: PLUM0198-005 07/01/2014. PLUM is an abbreviation identifier of the union which prevailed in the survey for this classification, which in this example would be Plumbers. 0198 indicates the local union number or district council number where applicable, i.e., Plumbers Local 0198. The next number, 005 in the example, is an internal number used in processing the wage determination. 07/01/2014 is the effective date of the most current negotiated rate, which in this example is July 1, 2014.

Union prevailing wage rates are updated to reflect all rate changes in the collective bargaining agreement (CBA) governing this classification and rate.

Survey Rate Identifiers

Classifications listed under the ""SU"" identifier indicate that no one rate prevailed for this classification in the survey and the published rate is derived by computing a weighted average rate based on all the rates reported in the survey for that classification. As this weighted average rate includes all rates reported in the survey, it may include both union and non-union rates. Example: SULA2012-007 5/13/2014. SU indicates the rates are survey rates based on a weighted average calculation of rates and are not majority rates. LA indicates the State of Louisiana. 2012 is the year of survey on which these classifications and rates are based. The next number, 007 in the example, is an internal number used in producing the wage determination. 5/13/2014 indicates the survey completion date for the classifications and rates under that identifier.

Survey wage rates are not updated and remain in effect until a new survey is conducted.

Union Average Rate Identifiers

Classification(s) listed under the UAVG identifier indicate that no single majority rate prevailed for those classifications; however, 100% of the data reported for the classifications was union data. EXAMPLE: UAVG-OH-0010 08/29/2014. UAVG indicates that the rate is a weighted union average rate. OH indicates the state. The next number, 0010 in the example, is an internal number used in producing the wage determination. 08/29/2014 indicates the survey completion date for the classifications and rates under that identifier.

A UAVG rate will be updated once a year, usually in January of each year, to reflect a weighted average of the current negotiated/CBA rate of the union locals from which the rate is based.

WAGE DETERMINATION APPEALS PROCESS

1.) Has there been an initial decision in the matter? This can be:

- * an existing published wage determination
- * a survey underlying a wage determination
- * a Wage and Hour Division letter setting forth a position on a wage determination matter
- * a conformance (additional classification and rate) ruling

On survey related matters, initial contact, including requests for summaries of surveys, should be with the Wage and Hour Regional Office for the area in which the survey was conducted because those Regional Offices have responsibility for the Davis-Bacon survey program. If the response from this initial contact is not satisfactory, then the process described in 2.) and 3.) should be followed.

With regard to any other matter not yet ripe for the formal process described here, initial contact should be with the Branch of Construction Wage Determinations. Write to:

Branch of Construction Wage Determinations
Wage and Hour Division
U.S. Department of Labor
200 Constitution Avenue, N.W.
Washington, DC 20210

2.) If the answer to the question in 1.) is yes, then an

interested party (those affected by the action) can request review and reconsideration from the Wage and Hour Administrator (See 29 CFR Part 1.8 and 29 CFR Part 7). Write to:

Wage and Hour Administrator
U.S. Department of Labor
200 Constitution Avenue, N.W.
Washington, DC 20210

The request should be accompanied by a full statement of the interested party's position and by any information (wage payment data, project description, area practice material, etc.) that the requestor considers relevant to the issue.

3.) If the decision of the Administrator is not favorable, an interested party may appeal directly to the Administrative Review Board (formerly the Wage Appeals Board). Write to:

Administrative Review Board
U.S. Department of Labor
200 Constitution Avenue, N.W.
Washington, DC 20210

4.) All decisions by the Administrative Review Board are final.

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END OF GENERAL DECISION"

"General Decision Number: 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.

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

BRWI0001-002 06/03/2019

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

	Rates	Fringes
BRICKLAYER.....	\$ 33.80	24.28

BRWI0002-002 06/01/2019

ASHLAND, BAYFIELD, DOUGLAS, AND IRON COUNTIES

	Rates	Fringes
BRICKLAYER.....	\$ 39.94	23.30

BRWI0002-005 06/01/2019

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

	Rates	Fringes
CEMENT MASON/CONCRETE FINISHER...	\$ 35.51	23.37

BRWI0003-002 06/03/2019

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

	Rates	Fringes
BRICKLAYER.....	\$ 34.18	23.90

BRWI0004-002 06/01/2019

KENOSHA, RACINE, AND WALWORTH COUNTIES

	Rates	Fringes
BRICKLAYER.....	\$ 38.43	25.10

BRWI0006-002 06/01/2019

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

	Rates	Fringes
BRICKLAYER.....	\$ 35.06	23.02

BRWI0007-002 06/03/2019

GREEN, LAFAYETTE, AND ROCK COUNTIES

	Rates	Fringes
BRICKLAYER.....	\$ 35.57	24.22

BRWI0008-002 06/01/2019

MILWAUKEE, OZAUKEE, WASHINGTON, AND WAUKESHA COUNTIES

	Rates	Fringes
BRICKLAYER.....	\$ 38.93	24.22

BRWI0009-001 06/03/2019

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

	Rates	Fringes
BRICKLAYER.....	\$ 34.18	23.90

BRWI0011-002 06/03/2019

CALUMET, FOND DU LAC, MANITOWOC, AND SHEBOYGAN COUNTIES

	Rates	Fringes
BRICKLAYER.....	\$ 34.18	23.90

BRWI0013-002 06/03/2019		

DANE, GRANT, IOWA, AND RICHLAND COUNTIES

	Rates	Fringes
BRICKLAYER.....	\$ 35.56	24.23

BRWI0019-002 06/03/2019		

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

	Rates	Fringes
BRICKLAYER.....	\$ 33.40	24.68

BRWI0021-002 06/03/2019		

DODGE AND JEFFERSON COUNTIES

	Rates	Fringes
BRICKLAYER.....	\$ 35.75	24.02

BRWI0034-002 06/03/2019		

COLUMBIA AND SAUK COUNTIES

	Rates	Fringes
BRICKLAYER.....	\$ 35.56	24.23

CARP0087-001 05/01/2016		

BURNETT (W. of Hwy 48), PIERCE (W. of Hwy 29), POLK (W. of Hwys
35, 48 & 65), AND ST. CROIX (W. of Hwy 65) COUNTIES

	Rates	Fringes
Carpenter & Piledrivermen.....	\$ 36.85	18.39

CARP0252-002 06/01/2016

ADAMS, BARRON, BAYFIELD (Eastern 2/3), BROWN, BUFFALO, BURNETT (E. of Hwy 48), CALUMET, CHIPPEWA, CLARK, COLUMBIA, CRAWFORD, DANE, DODGE, DOOR, DUNN, EAU CLAIRE, FLORENCE (except area bordering Michigan State Line), FOND DU LAC, FOREST, GRANT, GREEN, GREEN LAKE, IOWA, IRON, JACKSON, JEFFERSON, JUNEAU, KEWAUNEE, LA CROSSE, LAFAYETTE, LANGLADE, LINCOLN, MANITOWOC, MARATHON, MARINETTE (except N.E. corner), MARQUETTE, MENOMINEE, MONROE, OCONTO, ONEIDA, OUTAGAMIE, PEPIN, PIERCE (E. of Hwys 29 & 65), POLK (E. of Hwys 35, 48 & 65), PORTAGE, PRICE, RICHLAND, ROCK, RUSK, SAUK, SAWYER, SHAWANO, SHEBOYGAN, ST CROIX (E. of Hwy 65), TAYLOR, TREMPLEAU, VERNON, VILAS, WALWORTH, WASHBURN, WAUPACA, WAUSHARA, WINNEBAGO, AND WOOD COUNTIES

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

CARP0252-010 06/01/2016

ASHLAND COUNTY

	Rates	Fringes
Carpenters		
Carpenter.....	\$ 33.56	18.00
Millwright.....	\$ 35.08	18.35
Pile Driver.....	\$ 34.12	18.00

CARP0264-003 06/01/2016

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

	Rates	Fringes
CARPENTER.....	\$ 35.78	22.11

CARP0361-004 05/01/2018

BAYFIELD (West of Hwy 63) AND DOUGLAS COUNTIES

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

 CARP2337-001 06/01/2016

ZONE A: MILWAUKEE, OZAUKEE, WAUKESHA AND WASHINGTON

ZONE B: KENOSHA & RACINE

	Rates	Fringes
PILEDRIVERMAN		
Zone A.....	\$ 31.03	22.69
Zone B.....	\$ 31.03	22.69

 CARP2337-003 06/01/2019

	Rates	Fringes
MILLWRIGHT		
Zone A.....	\$ 33.58	21.53
Zone B.....	\$ 33.58	21.53

ZONE DEFINITIONS

ZONE A: MILWAUKEE, OZAUKEE, WAUKESHA AND WASHINGTON COUNTIES

ZONE B: KENOSHA & RACINE COUNTIES

 ELEC0014-002 06/14/2020

ASHLAND, BARRON, BAYFIELD, BUFFALO, BURNETT, CHIPPEWA, CLARK
 (except Maryville, Colby, Unity, Sherman, Fremont, Lynn &
 Sherwood), CRAWFORD, DUNN, EAU CLAIRE, GRANT, IRON, JACKSON, LA
 CROSSE, MONROE, PEPIN, PIERCE, POLK, PRICE, RICHLAND, RUSK, ST
 CROIX, SAWYER, TAYLOR, TREMPLEAU, VERNON, AND WASHBURN
 COUNTIES

	Rates	Fringes
Electricians:.....	\$ 35.98	20.98

 ELEC0014-007 07/05/2020

REMAINING COUNTIES

	Rates	Fringes
Teledata System Installer Installer/Technician.....	\$ 27.75	15.14

Low voltage construction, installation, maintenance and removal of teledata facilities (voice, data, and video) including outside plant, telephone and data inside wire, interconnect, terminal equipment, central offices, PABX, fiber optic cable and equipment, micro waves, V-SAT, bypass, CATV, WAN (wide area networks), LAN (local area networks), and ISDN (integrated systems digital network).

ELEC0127-002 06/01/2020

KENOSHA COUNTY

	Rates	Fringes
Electricians:.....	\$ 41.62	30%+12.70

* ELEC0158-002 06/01/2020

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

* 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

ELEC0494-013 06/07/2020

DODGE (East of Hwy 26 including Chester Twp, excluding Emmet Twp), FOND DU LAC (Except Waupun), MILWAUKEE, OZAUKEE, MANITOWOC (Schleswig), WASHINGTON, AND WAUKESHA COUNTIES

	Rates	Fringes
Sound & Communications		
Installer.....	\$ 21.46	18.52
Technician.....	\$ 31.34	20.00

Installation, testing, maintenance, operation and servicing of all sound, intercom, telephone interconnect, closed circuit TV systems, radio systems, background music systems, language laboratories, electronic carillon, antenna distribution systems, clock and program systems and low-voltage systems such as visual nurse call, audio/visual nurse call systems, doctors entrance register systems. Includes all wire and cable carrying audio, visual, data, light and radio frequency signals. Includes the installation of conduit, wiremold, or raceways in existing structures that have been occupied for six months or more where required for the protection of the wire or cable, but does not mean a complete conduit or raceway system. work covered does not include the installation of conduit, wiremold or any raceways in any new construction, or the installation of power supply outlets by means of which external electric power is supplied to any of the foregoing equipment or products

ELEC0577-003 06/01/2019

CALUMET (except Township of New Holstein), GREEN LAKE (N. part including Townships of Berlin, St Marie, and Seneca), MARQUETTE (N. part including Townships of Crystal Lake, Neshkoro, Newton,

and Springfield), OUTAGAMIE, WAUPACA, WAUSHARA, AND WINNEBAGO
COUNTIES

	Rates	Fringes
Electricians:.....	\$ 33.15	28.50%+10.00

ELEC0890-003 06/01/2020		

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

	Rates	Fringes
Electricians:.....	\$ 37.41	25.95%+11.11

ELEC0953-001 06/02/2019		

	Rates	Fringes
Line Construction:		
(1) Lineman.....	\$ 47.53	21.43
(2) Heavy Equipment Operator.....	\$ 42.78	19.80
(3) Equipment Operator.....	\$ 38.02	18.40
(4) Heavy Groundman Driver..	\$ 33.27	16.88
(5) Light Groundman Driver..	\$ 30.89	16.11
(6) Groundsman.....	\$ 26.14	14.60

ENGI0139-001 06/01/2020		

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

	Rates	Fringes
Power Equipment Operator		
Group 1.....	\$ 47.66	23.15
Group 2.....	\$ 47.16	23.15
Group 3.....	\$ 46.66	23.15
Group 4.....	\$ 45.97	23.15
Group 5.....	\$ 42.39	23.15
Group 6.....	\$ 37.24	23.15

HAZARDOUS WASTE PREMIUMS:
EPA Level ""A"" Protection: \$3.00 per hour
EPA Level ""B"" Protection: \$2.00 per hour

EPA Level "C" Protection: \$1.00 per hour

POWER EQUIPMENT OPERATORS CLASSIFICATIONS

GROUP 1: Cranes, Tower Cranes, Pedestal Tower Cranes and Derricks with or w/o attachments with a lifting capacity of over 100 tons; or Cranes, Tower Cranes, Pedestal Tower Cranes and Derricks with boom, leads, and/or jib lengths measuring 176 feet or longer; Self-Erecting Tower Cranes over 4000 lbs lifting capacity; All Cranes with Boom Dollies; Boring Machines (directional); Master Mechanic. \$0.50 additional per hour per 100 tons or 100 ft of boom over 200 ft or lifting capacity of crane over 200 tons to a maximum of 300 tons or 300 ft. Thereafter an increase of \$0.01 per ft or ton, whichever is greater.

GROUP 2: Cranes, Tower Cranes, Pedestal Tower Cranes and Derricks with or without attachments with a lifting capacity of 100 tons or less; or Cranes, Tower Cranes Portable Tower Cranes, Pedestal Tower Cranes and Derricks with boom, leads and/or jib lengths measuring 175 feet or less; Backhoes (excavators) 130,000 lbs and over; Caisson Rigs; Pile Drivers; Boring Machines (vertical or horizontal), Versi-Lift, Tri-Lift, Gantry 20,000 lbs & over.

GROUP 3: Backhoe (excavator) under 130,000 lbs; Self-erecting Tower Crane 4000 lbs & under lifting capacity; Traveling Crane (bridge type); Skid Rigs; Dredge Operator; Mechanic; Concrete Paver (over 27E); Concrete Spreader and Distributor; Forklift/ Telehandler (machinery- moving / steel erection); Hydro Blaster, 10,000 psi and over

GROUP 4: Material Hoists; Stack Hoists; Hydraulic Backhoe (tractor or truck mounted); Hydraulic Crane, 5 tons or under (tractor or truck mounted); Hoist (tuggers 5 tons & over); Hydro-Excavators/Daylighters; Concrete Pumps Rotec type Conveyors; Tractor/Bulldozer/End Loader (over 40 hp); Motor Patrol; Scraper Operator; Sideboom; Straddle Carrier; Welder; Bituminous Plant and Paver Operator; Roller over 5 tons; Rail Leveling Machine (Railroad); Tie Placer; Tie Extractor; Tie Tamper; Stone Leveler; Rotary Drill Operator and Blaster; Percussion Drill Operator; Air Track Drill and/or Hammers; 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 (145 or over); Screw Type Pumps and

Gypsum Pumps; Tractor, Bulldozer, End Loader (under 40 hp); Trencher (chain type, bucket under 8 inch); Industrial Locomotives; Rollers under 5 tons; Stump Grinder/Chipper (Large); Timber Equipment; Firemen (pile drivers and derricks); Personnel Hoist, Telehandler over 8000 lbs; Robotic Tool Carrier with or without attachments

GROUP 6: Tampers - Compactors (riding type); Assistant Engineer; A-Frames and Winch Trucks; Concrete Auto Breaker; Hydrohammers (small); Brooms and Sweepers; Hoist (tuggers under 5 tons); Boats (Tug, Safety, Work Barges, Launch); Shouldering Machine Operator; Prestress Machines; Screed Operator; Stone Crushers and Screening Plants; Screed Operators (milling machine), Farm or Industrial Tractor Mounted Equipment; Post Hole Digger; Fireman (asphalt plants); Air Compressors over 400 CFM; Generators, over 150 KW; Augers (vertical and horizontal); Air, Electric, Hydraulic Jacks (slipform); Skid Steer Loaders (with or without attachments); Boiler Operators (temporary heat); Refrigeration Plant/Freeze Machines; Power Pack Vibratory/Ultra Sound Drivers and Extractors; Welding Machines; Heaters (mechanical); Pumps; Winches (small electric); Oiler and Greaser; Rotary Drill Tender; Conveyor; Forklifts/Telehandler 8000 lbs & under; Elevators: Automatic Hoists; Pumps (well points); Combination Small Equipment Operators

 ENGI0139-003 06/01/2020

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

 IRON0008-002 06/01/2020

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

	Rates	Fringes
IRONWORKER.....	\$ 37.31	27.62

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

 IRON0008-003 06/01/2020

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

	Rates	Fringes
IRONWORKER.....	\$ 39.11	27.87

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

 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

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

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

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

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

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

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

PAIN0106-008 05/01/2017

ASHLAND, BAYFIELD, BURNETT, AND DOUGLAS COUNTIES

	Rates	Fringes
Painters:		
New:		
Brush, Roller.....	\$ 30.33	17.27
Spray, Sandblast, Steel....	\$ 30.93	17.27
Repaint:		
Brush, Roller.....	\$ 28.83	17.27
Spray, Sandblast, Steel....	\$ 29.43	17.27

PAIN0108-002 06/01/2019

RACINE COUNTY

	Rates	Fringes
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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, TREMPPEALEAU, 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.

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

PAIN0934-001 06/01/2017

KENOSHA AND WALWORTH COUNTIES

	Rates	Fringes
Painters:		
Brush.....	\$ 33.74	18.95
Spray.....	\$ 34.74	18.95
Structural Steel.....	\$ 33.89	18.95

PAIN1011-002 06/02/2019

FLORENCE COUNTY

	Rates	Fringes
Painters:.....	\$ 25.76	13.33

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

 PLUM0011-003 05/07/2018

ASHLAND, BAYFIELD, BURNETT, DOUGLAS, IRON, SAWYER, AND WASHBURN
 COUNTIES

	Rates	Fringes
PLUMBER.....	\$ 40.63	20.72

 PLUM0075-002 06/01/2016

MILWAUKEE, OZAUKEE, WASHINGTON, AND WAUKESHA COUNTIES

	Rates	Fringes
PLUMBER.....	\$ 40.27	21.47

 PLUM0075-004 06/01/2016

DODGE (Watertown), GREEN, JEFFERSON, LAFAYETTE, AND ROCK
 COUNTIES

	Rates	Fringes
PLUMBER.....	\$ 40.52	21.47

 PLUM0075-009 06/01/2016

COLUMBIA, DANE, IOWA, MARQUETTE, RICHLAND AND SAUK COUNTIES

	Rates	Fringes
PLUMBER.....	\$ 38.82	20.12

PLUM0111-007 05/28/2018		

MARINETTE COUNTY (Niagara only)

	Rates	Fringes
PLUMBER/PIPEFITTER.....	\$ 33.33	24.48

PLUM0118-002 06/01/2020		

KENOSHA, RACINE, AND WALWORTH COUNTIES

	Rates	Fringes
Plumber and Steamfitter.....	\$ 43.95	24.35

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

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

SUWI2011-001 11/16/2011		

	Rates	Fringes
WELL DRILLER.....	\$ 16.52	

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

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Note: Executive Order (EO) 13706, Establishing Paid Sick Leave for Federal Contractors applies to all contracts subject to the Davis-Bacon Act for which the contract is awarded (and any solicitation was issued) on or after January 1, 2017. If this contract is covered by the EO, the contractor must provide employees with 1 hour of paid sick leave for every 30 hours they work, up to 56 hours of paid sick leave each year. Employees must be permitted to use paid sick leave for their own illness, injury or other health-related needs, including preventive care; to assist a family member (or person who is like family to the employee) who is ill, injured, or has other health-related needs, including preventive care; or for reasons

resulting from, or to assist a family member (or person who is like family to the employee) who is a victim of, domestic violence, sexual assault, or stalking. Additional information on contractor requirements and worker protections under the EO is available at www.dol.gov/whd/govcontracts.

Unlisted classifications needed for work not included within the scope of the classifications listed may be added after award only as provided in the labor standards contract clauses (29CFR 5.5 (a) (1) (ii)).

The body of each wage determination lists the classification and wage rates that have been found to be prevailing for the cited type(s) of construction in the area covered by the wage determination. The classifications are listed in alphabetical order of ""identifiers"" that indicate whether the particular rate is a union rate (current union negotiated rate for local), a survey rate (weighted average rate) or a union average rate (weighted union average rate).

Union Rate Identifiers

A four letter classification abbreviation identifier enclosed in dotted lines beginning with characters other than ""SU"" or ""UAVG"" denotes that the union classification and rate were prevailing for that classification in the survey. Example: PLUM0198-005 07/01/2014. PLUM is an abbreviation identifier of the union which prevailed in the survey for this classification, which in this example would be Plumbers. 0198 indicates the local union number or district council number where applicable, i.e., Plumbers Local 0198. The next number, 005 in the example, is an internal number used in processing the wage determination. 07/01/2014 is the effective date of the most current negotiated rate, which in this example is July 1, 2014.

Union prevailing wage rates are updated to reflect all rate changes in the collective bargaining agreement (CBA) governing this classification and rate.

Survey Rate Identifiers

Classifications listed under the ""SU"" identifier indicate that no one rate prevailed for this classification in the survey and the published rate is derived by computing a weighted average rate based on all the rates reported in the survey for that

classification. As this weighted average rate includes all rates reported in the survey, it may include both union and non-union rates. Example: SULA2012-007 5/13/2014. SU indicates the rates are survey rates based on a weighted average calculation of rates and are not majority rates. LA indicates the State of Louisiana. 2012 is the year of survey on which these classifications and rates are based. The next number, 007 in the example, is an internal number used in producing the wage determination. 5/13/2014 indicates the survey completion date for the classifications and rates under that identifier.

Survey wage rates are not updated and remain in effect until a new survey is conducted.

Union Average Rate Identifiers

Classification(s) listed under the UAVG identifier indicate that no single majority rate prevailed for those classifications; however, 100% of the data reported for the classifications was union data. EXAMPLE: UAVG-OH-0010 08/29/2014. UAVG indicates that the rate is a weighted union average rate. OH indicates the state. The next number, 0010 in the example, is an internal number used in producing the wage determination. 08/29/2014 indicates the survey completion date for the classifications and rates under that identifier.

A UAVG rate will be updated once a year, usually in January of each year, to reflect a weighted average of the current negotiated/CBA rate of the union locals from which the rate is based.

WAGE DETERMINATION APPEALS PROCESS

1.) Has there been an initial decision in the matter? This can be:

- * an existing published wage determination
- * a survey underlying a wage determination
- * a Wage and Hour Division letter setting forth a position on a wage determination matter
- * a conformance (additional classification and rate) ruling

On survey related matters, initial contact, including requests for summaries of surveys, should be with the Wage and Hour Regional Office for the area in which the survey was conducted because those Regional Offices have responsibility for the

Davis-Bacon survey program. If the response from this initial contact is not satisfactory, then the process described in 2.) and 3.) should be followed.

With regard to any other matter not yet ripe for the formal process described here, initial contact should be with the Branch of Construction Wage Determinations. Write to:

Branch of Construction Wage Determinations
Wage and Hour Division
U.S. Department of Labor
200 Constitution Avenue, N.W.
Washington, DC 20210

2.) If the answer to the question in 1.) is yes, then an interested party (those affected by the action) can request review and reconsideration from the Wage and Hour Administrator (See 29 CFR Part 1.8 and 29 CFR Part 7). Write to:

Wage and Hour Administrator
U.S. Department of Labor
200 Constitution Avenue, N.W.
Washington, DC 20210

The request should be accompanied by a full statement of the interested party's position and by any information (wage payment data, project description, area practice material, etc.) that the requestor considers relevant to the issue.

3.) If the decision of the Administrator is not favorable, an interested party may appeal directly to the Administrative Review Board (formerly the Wage Appeals Board). Write to:

Administrative Review Board
U.S. Department of Labor
200 Constitution Avenue, N.W.
Washington, DC 20210

4.) All decisions by the Administrative Review Board are final.

=====

END OF GENERAL DECISION"



Wisconsin Department of Transportation

October 29, 2020

Division of Transportation Systems Development

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

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

NOTICE TO ALL CONTRACTORS:

Proposal #28: 6424-03-70, WISC 2020 556
C Waupaca, Main Street
Badger Street to Granite Street
Local Street
Waupaca County

6424-03-80
C Waupaca, Main Street
Badger Street to Granite Street
Local Street
Waupaca County

Letting of November 10, 2020

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

Special Provisions:

Revised Special Provisions	
Article No.	Description
69	Salvage Trolley Car Rail, SPV.0090.14
73	Soil Cell System- Stage 1, SPV.105.02 and Soil Cell System- Stage 2, SPV.105.03

Added Special Provisions	
Article No.	Description
77	Item SPV.0060.37, Remove Existing Tree Grate and Frame

Schedule of Items:

Added Bid Item Quantities					
Bid Item	Item Description	Unit	Old Quantity	Revised Quantity	Proposal Total
465.0125	Asphaltic Surface Temporary	TON	0	170	170
608.3615	Storm Sewer Pipe Class III-B 15-Inch	LF	0	361	361
608.3618	Storm Sewer Pipe Class III-B 18-Inch	LF	0	55	55
608.3624	Storm Sewer Pipe Class III-B 24-Inch	LF	0	316	316
608.3630	Storm Sewer Pipe Class III-B 30-Inch	LF	0	257	257
608.3636	Storm Sewer Pipe Class III-B 36-Inch	LF	0	341	341
SPV.0060.37	Remove Existing Tree Grate and Frame	EA	0	18	18

Deleted Bid Item Quantities					
Bid Item	Item Description	Unit	Old Quantity	Revised Quantity	Proposal Total
608.0315	Storm Sewer Pipe Reinforced Concrete Class III 15-Inch	LF	361	-361	0
608.0318	Storm Sewer Pipe Reinforced Concrete Class III 18-Inch	LF	55	-55	0
608.0324	Storm Sewer Pipe Reinforced Concrete Class III 24-Inch	LF	316	-316	0
608.0330	Storm Sewer Pipe Reinforced Concrete Class III 30-Inch	LF	257	-257	0
608.0336	Storm Sewer Pipe Reinforced Concrete Class III 36-Inch	LF	341	-341	0

Plan Sheets:

Revised Plan Sheets	
Plan Sheet	Plan Sheet Title (brief description of changes to sheet)
45	Storm Sewer (changed storm sewer bid items for SSPRC Class III to SSP Class III-B)
47	Storm Sewer (changed storm sewer bid items for SSPRC Class III to SSP Class III-B)
48	Storm Sewer (changed storm sewer bid items for SSPRC Class III to SSP Class III-B)
49	Storm Sewer (changed storm sewer bid items for SSPRC Class III to SSP Class III-B)
50	Storm Sewer (changed storm sewer bid items for SSPRC Class III to SSP Class III-B)
51	Storm Sewer (changed storm sewer bid items for SSPRC Class III to SSP Class III-B)
94	Traffic Control - Stage 1A (added Asphaltic Surface Temporary (3 Inch)
95	Traffic Control - Stage 1B (added Asphaltic Surface Temporary (3 Inch)
104	Miscellaneous Quantities (added Item SPV.0060.37 Removing Existing Tree Grate and Frame)
107	Miscellaneous Quantities (added Item 465.0125 Asphaltic Surface Temporary)
109	Miscellaneous Quantities (removed storm sewer bid items for SSPRC Class III and changed to SSP Class III-B)
123	Miscellaneous Quantities (added Item SPV.0105.03 Soil Cell System- Stage 2)

Added Plan Sheets	
Plan Sheet	Plan Sheet Title (brief description of why sheet was added)
159A	SDD – Urban Doweled Concrete Pavement

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
6424-03-70 and 6424-03-80
October 29, 2020

Special Provisions

69. Salvaged Trolley Car Rail, Item SPV.0090.14.

Replace entire article language with the following:

A Description

This special provision describes the salvage and return of trolley car rails and all metal parts to the City of Waupaca and disposing of all other associated materials.

B (Vacant)

C Construction

Separate the trolley car rails from the concrete pavement located beneath the asphaltic overlay. Return the rails and associated metal components to the City of Waupaca City of Public Works department at 111 S. Main Street, Waupaca, WI 54981. Contact Justin Berrens, Director of Public Works, to coordinate drop off of the above materials at 715.258.4420. All non-metal materials removed to become the property of the contractor.

D Measurement

The department will measure Salvaged Trolley Car Rail in length by the linear foot along the track centerline, 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.0090.14	Salvaged Trolley Car Rail	LF

Payment is full compensation for removing, salvaging, and delivering Salvaged Trolley Car Rail and associated metal parts, removing and properly disposing of all wooden ties and non-metal debris, and for backfilling and compacting any depression left by the removal with acceptable material.

73. Soil Cell System- Stage 1, SPV.0105.02; Soil Cell System- Stage 2, SPV.0105.03.

Replace entire article language with the following:

A Description

This section includes the supply and installation of the urban tree planting system, related materials, components and activities. The urban tree planting system provides the necessary elements for growing trees to their full potential in dense urban environments.

Other materials include, but are not limited to, aggregate, geotextile, geogrid, PAVEMENT SUPPORT SYSTEM, root barriers, underground rootball anchoring, soil inspection portals, aeration/irrigation piping and surface inlets and planting soil.

All work is to be completed per the design requirements of the Consultant of record and to meet or exceed the manufacturer's design and installation requirements. The soil cell system must provide a minimum uncompacted planting soil volume of 375 cubic feet per tree.

B Materials

Furnish an urban tree planting system specifically designed for the purpose of providing large volumes of uncompacted soil for healthy tree growth and/or stormwater management (bioretention) under load-bearing pavement surfaces. At minimum, the urban tree planting system shall provide for uncompacted soil, soil and

rootball aeration/irrigation, management of tree roots, soil inspection, rootball anchoring and stormwater drainage.

Specific to the site requirements, the urban tree planting system shall have the flexibility to be assembled around existing structures, utilities and in tight constraints to achieve the specified soil and/or stormwater volume. The system shall allow for easy disassembly and reassembly to allow for utility repair and/or maintenance within and below the system.

The urban tree planting system shall be a complete system that at minimum includes, but is not limited to the following integral components: pavement support system, geogrid/geofabric, aeration/irrigation piping, fittings and surface inlets, root management products, underground rootball anchoring system and inspection portals.

Pavement Support System / Soil Cell System

The pavement support system / soil cell system is a plastic modular, pavement support system comprising of interlocking vertical uprights, infill panels and a top deck that allows for air movement above the soil profile. This system is designed to be filled with planting soil for tree rooting; bioretention soil for tree rooting and stormwater attenuation and pollutant removal; or left empty and used for stormwater infiltration, detention or retention. It is an engineered, load-bearing system that is designed to be used sub-surface under pedestrian and/or vehicle rated pavement surfaces.

For ease of installation and for future utility repair and/or maintenance, the pavement support system shall consist of two main components, an upright and a top deck. An optional interlocking side infill panel shall be available and installed where additional lateral strength is required, per the consultants design requirements.

The pavement support system shall have the ability to be uniformly stacked to increase the cubic volume of soil per area of installation, and to work around existing below ground infrastructure. At minimum the following depth configurations shall be available: ~24".

The assembled pavement support system shall have a minimum accessible soil volume of 97% and be continuously open in both length and width.

The assembled pavement support system shall have the capability of accommodating utilities up to ~16" (400 mm) within the system.

As assembled, the pavement support system uprights shall interlock in both the vertical and horizontal axis, and the top deck shall interlock with the uprights. The pavement support system shall be designed to be assembled to form an interlocked soil cell matrix, or specific to site requirements, the pavement support system may be installed as independent or groups of soil cells. Spacing between the pavement support system soil cells shall be determined by the consultant based on pavement design and load requirements. The layout of the pavement support system shall have the ability to be field adjusted to meet specific site requirements.

The pavement support system shall have a minimum load bearing strength of 6,260 pounds per square foot / 30,564 kilograms per square meter, as tested by a third-party laboratory. The assembled pavement support system shall at minimum, be capable of supporting vehicle loads in accordance with AASHTO h-20/hs-20, including a safety factor of 1.5, when used in conjunction with approved vehicle rated pavement profiles.

The pavement support system shall meet the minimum load bearing strength of 6,260 pounds per square foot / 30,564 kilograms per square meter when installed on slopes up to 5%. For slopes greater than 5%, and less than 10%, please contact the manufacturer for design assistance.

The pavement support system shall be designed to be filled with planting soil, with the top deck either on or off, and without the use of strong backs to hold the uprights in position during soil installation.

The pavement support system components shall be manufactured using 100% recycled plastic to the following sizes and specifications: sufficient samples of granite shall be submitted to the design professional through the general contractor.

Upright: Injection molded, polypropylene or polyethylene, with minimum nominal dimensions as follows: 24"/600mm SOIL CELL UPRIGHT: ~20"x ~24" x ~4" (500 x 600 x 100 mm).

Top Deck / AirFlow™ QR (Quick Release): Injection molded, polypropylene or polyethylene deck with nominal dimensions as follows: SOIL CELL TOP DECK: ~20" x ~20" x ~3" (500 x 500 x 75 mm).

Side Infill Panel: Injection molded, polypropylene or polyethylene with nominal dimensions as follows:
24"/600mm SOIL CELL SIDE INFILL PANEL: ~13" x ~20.5" x ~1.5" (330 x 520 x 38 mm).

Products meeting this specification: RootSpace® 600 (24") Pavement Support System (GreenBlue Urban / 1-866-282-2743 / www.greenblue.com); DeepRoot Silva Cell (DeepRoot / 1-800-458-7668 / deeproot.com)

Ribbed Root Barrier

A linear ribbed root barrier with vertical integral root training ribs. This product is used to redirect roots vertically, usually near the tree trunk and at the soil surface.

The ribbed root barrier shall be designed to redirect tree roots down and away from pavement surfaces. Ribbed root barrier shall be installed vertically at specified locations, usually near the tree trunk and at the soil surface. Ribbed root barrier shall be manufactured to meet the following requirements:

Material shall be 100% recycled plastic.

Minimum Thickness: 0.04" (1.00 mm).

Form: Linear rolls with vertical integral root training ribs.

Depth: 12" (300 mm), as required per plan detail.

Roll Length: 100' (30 m)

Color: Black

Seams shall be overlapped ~8" (200 mm) and sealed on both sides with joining tape.

Products meeting this specification: ReRoot™ Ribbed Root Barrier (GreenBlue Urban / 1-866-282-2743 / www.greenblue.com), DeepRoot Tree Root Barrier (DeepRoot / 1-800-458-7668 / deeproot.com)

Root & Moisture Barrier

The root & moisture barrier is a linear membrane to prevent root and moisture penetration into surrounding areas. This product is used to redirect roots laterally.

The root & moisture barrier shall be designed as a linear membrane that is installed to prevent tree root growth and moisture intrusion in building foundations and underground utilities. The root & moisture barrier may be installed vertically or horizontally, as specified on the plans. The root & moisture barrier shall be manufactured to meet the following requirements:

Material shall be 100% recycled plastic.

Minimum Thickness: 0.04" (1.00 mm).

Form: Linear rolls with a smooth surface.

Depth: 24" (600 mm), as specified on the plans.

Roll Length: 100' (30 m)

Color: Black

Seams shall be overlapped ~8" (200 mm) and sealed on both sides with joining tape.

Products meeting this specification: RootStop™ Root & Moisture Barrier (GreenBlue Urban / 1-866-282-2743 / www.greenblue.com), DeepRoot Water Barrier Geomembrane, (DeepRoot / 1-800-458-7668 / deeproot.com)

Rootball Aeration/Irrigation System

The Rootball aeration/irrigation piping system consists of small perforated piping that is placed around the tree rootball, and within the pavement support system and has inlets at finished grade. This system is used to provide a means of getting air and water into the soil and rootzone, and a means of allowing organic gases, from the decay of organic matter within the soil, to escape. Manual or automatic irrigation can be incorporated into this system.

The rootball aeration/irrigation system shall be designed to provide a means of getting air and water into the soil and rootzone, and a means of allowing organic gases from the decay of organic matter within the soil to escape. The rootball aeration/irrigation system components shall be manufactured to meet the following requirements.

Aeration/Irrigation Pipe

Material shall be 100% recycled plastic.

Diameter: 2.375" (60 mm), as required per plan detail.

Form: Slit perforated pipe in rolls.

Connectors: Molded connectors (coupling, tee) to effect proper jointing.

Roll Length: 100' (30 m)

Color: Black

Aeration/Irrigation Inlet

Body: Cast aluminum/bronze

Grate: Cast aluminum/Bronze

Grate walking surface shall meet ADA requirements.

Products meeting this specification: RootRain™ Civic™ Pipe & Fittings (GreenBlue Urban / 1-866-282-2743 / www.greenblue.com), Silva Cell – Water and Air System (DeepRoot / 1-800-458-7668 / deeproot.com)

Soil Aeration/Irrigation System

The soil aeration/irrigation system shall be designed to provide a means of getting air and water into the soil a means of allowing organic gases, from the decay of organic matter within the soil, to escape. The soil aeration/irrigation system components shall be manufactured to meet the following requirements:

Pipe

Material shall be 100% recycled plastic.

Diameter: 4" (100 mm).

Form: Precut non-perforated pipe.

Length: ~20" (.5 m)

Color: Black

Aeration/Irrigation Inlet

Body: Stainless Steel

Grate: Stainless Steel

Grate walking surface shall meet ADA requirements.

Products meeting this specification: RootRain™ ArborVent™ 150 (GreenBlue Urban / 1-866-282-2743 / www.greenblue.com), DeepRoot, Silva Cell – Water and Air System (DeepRoot / 1-800-458-7668 / deeproot.com)

Soil Inspection Portal

The soil inspection portal is a plastic pipe extending from the pavement surface down into the top of the pavement support system. This port is used for the sampling and inspection of the soil within the pavement support system and can be used as a means adding nutrients to the soil.

The soil inspection portal shall be designed to allow for the sampling and inspection of the soil and/or water levels within the pavement support system and can be used as a means adding nutrients to the soil. The soil inspection portal components shall be manufactured to meet the following requirements:

Material shall be polyvinyl chloride (PVC) pipe.

Diameter: 4" (100 mm), as required per plan detail.

Cap: Flush cap installed flush with pavement surface.

Products meeting this specification: ArborSystem® Inspection Portal (GreenBlue Urban / 1-866-282-2743 / www.greenblue.com) or equivalent provided by DeepRoot Silva Cell (DeepRoot / 1-800-458-7668 / deeproot.com)

Geogrid with integrated non-woven geotextile:

Geocomposite / geogrid with integrated non-woven geotextile is a high strength geogrid comprised of stretched monolithic polypropylene flat bars with welded junctions and a mechanically bonded filter geotextile welded within the geogrid structure. Used for reinforcement of aggregate pavement base.

A geogrid with integrated non-woven geotextile meeting the following meeting the following requirements shall be placed on top of the pavement support system and beneath the aggregate pavement base course.

The geogrid with integrated non-woven geotextile is a high strength geogrid comprised of stretched monolithic polypropylene flat bars with welded junctions and a mechanically bonded filter geotextile welded within the geogrid structure. It is used for reinforcement of granular pavement base. The geogrid with integrated non-woven geotextile shall be manufactured to meet the following requirements:

Geogrid Physical Properties

PROPERTY	UNITS	VALUE
Mass per unit area	g/m ³	250
Max tensile strength		
(machine direction/cross machine direction)	kN/m	≥ 40 / ≥ 40

Geotextile Properties

PROPERTY	UNITS	VALUE
Mass per unit area	g/m ³	150
Max tensile strength		
(machine direction/cross machine direction)	kN/m	7.5 / 11
Elongation at nominal strength		
(machine direction/cross machine direction)	%	40 / 30
Puncture Force (x-s)	N	1,670

Products meeting this specification: CombiGrid (GreenBlue Urban / 1-866-282-2743 / www.greenblue.com) or equivalent provided by DeepRoot Silva Cell (DeepRoot / 1-800-458-7668 / deeproot.com)

Rootball Anchoring System

The rootball anchoring system is a below grade system comprised of cables, spearhead, deadman or plate anchors and web strap used for anchoring a rootball into the ground. The rootball anchoring system shall be manufactured to meet the following requirements:

Material shall be as follows: stainless or galvanized steel cables, biodegradable web strapping, and plated steel tensioner

Anchorhead Type/Material: Plate or Zinc Plated-Steel

Products meeting this specification: ArborGuy® AnchorPlate Rootball Anchoring System (GreenBlue Urban / 1-866-282-2743 / www.greenblue.com)

Alternative Rootball Anchoring System

An above-ground rootball anchoring system utilizing webbed ties and stakes may be substituted if recommended by soil support system manufacturer. Install according to manufacturer recommendations.

Products meeting this specification: DeepRoot Arbortie & anchoring kit as recommended by manufacturer. (DeepRoot / 1-800-458-7668 / deeproot.com)

Aggregate sub-base course (specified as a drainage layer)

Aggregate sub-base course is aggregate material between the bottom of the pavement support system and the compacted sub-grade below, designed to distribute loads from the pavement support system to the subgrade. The aggregate sub-base may also be used for drainage of the planting or bioretention soil.

Coarse aggregate shall meet the following requirements:

Material shall be as follows: stainless or galvanized steel cables, biodegradable web strapping, and plated steel tensioner

Aggregate shall be an open-graded, self-compacting, angular stone produced from 100% crushed material.

All aggregate shall be clean and washed.

Unless otherwise approved by the specifying engineer, coarse aggregate for the aggregate sub-base course shall be uniformly graded as defined below:

AGGREGATE SUB-BASE COURSE Physical Properties (AASHTO #56, 57, 6, 67, 68)

Sieve	#56	#57	#6	#67	#68
	Percent Passing				
1 1/2"	100	100	-	-	-
1"	95-100	95-100	100	100	100
3/4"	-	-	90-100	90-100	90-100
1/2"	25-80	25-80	20-55	-	-
3/8"	-	-	0-15	20-55	30-65
No 4	0-10	0-10	0-5	0-10	5-25
No 8	0-5	0-5	-	0-5	0-10
No 16	-	-	-	-	0-5
No 50	-	-	-	-	-

Sand shall not be an acceptable substitute for coarse aggregate.

Planting Soil (Installed within the pavement support system

Provide planting soil as specified in the Furnishing and Planting Plant Materials special provision.

Backfill material (installed around the perimeter of the pavement support system)

Provide backfill material that is placed around the outside perimeter of the pavement support system and the vertical walls of the excavation. It is installed in lifts and compacted to support the pavement surface above.

These materials are typically open-graded, self-compacting, 3/8" (9 mm) to 3/4" (19 mm) angular crushed stone, or a clean, native excavated material, that is free from organic matter, frozen materials, stones larger than 3" (75mm) in diameter, trash, other debris and other toxic substances injurious to plant material.

The backfill material shall meet one of the following specifications:

Open-graded, self-compacting, 3/8" (9 mm) to 3/4" (19 mm) angular crushed stone.

Clean, compactable, native excavated material (structural fill), that is free from organic matter, frozen materials, stones larger than 3" (75mm) in diameter, trash, other debris and other toxic substances injurious to plant material.

Clean, compactable, coarse grained soil, meeting the following requirements of the Unified Soil Classification system for soil type GW, GP, GC with less than 30% fines, SW, and SC with less than 30% fines.

C Construction

General conditions

Coordinate the installation with the product manufacturer, as specified in the administrative requirements, to have the manufacturer on-site during product installation.

Locate underground utilities before proceeding with excavation.

Review manufacturer's installation procedures and coordinate urban tree planting system installation with other work affected, such as grading, excavation, utilities, construction access, erosion control, etc.

Tree pit layout: The tree pit is the excavated space filled with appropriate soil media for tree planting. Layout tree pit locations and dimensions using string lines, survey pegs and marking paint. Obtain consultant's approval of layout before proceeding with excavation.

Tree pit depths: confirm excavation depths with reference to finished pavement elevations. Allow for granular base course layer and, where applicable, drainage layer.

The assembled pavement support system may be walked on, but vehicular traffic is prohibited until properly backfilled and covered per manufacturer's recommendations. Protect personnel and the installation against damage with highly visible construction tape, fencing, or other means until construction is complete.

Administrative requirements

Manufacturer

The manufacturer shall be responsible for coordinating the delivery of the urban tree planting system to the contractor. The system includes all components necessary for the assembly of the tree planting system as required per the drawings.

As required, the manufacturer shall provide a minimum of 4 hours on-site training and support during the system installation. This may be coordinated with the pre-installation meeting.

Pre-installation meeting

Prior to the installation of the urban tree planting system and associated work, meet with the consultant(s), the contractor, the urban tree planting system installer and project manager, the manufacturer's representative, the owner at their discretion and other parties concerned with the system installation and performance.

Provide at least 72 hours advance notice to all participants attending the pre-installation meeting.

The pre-installation meeting agenda will include, but is not limited to:

The review of required submittals.

Coordination and sequence of installation with other trades and the construction schedule.

Review of materials, system details and methods of installation.

Site specific considerations (ie: geotechnical, hydrology).

System layout and installation procedures.

Mock-up of the urban tree planting system.

Contractor

The Contractor shall be responsible for preparing the site for the system installation including, but not limited to, excavation, temporary shoring, system installation, compaction, backfilling and all labor, tools and materials required.

The Contractor shall be responsible for preparing a schedule and coordinating work under this section with other trades and disciplines impacting this work.

Testing Agency Services

Provide and pay for the services of an independent testing agency to perform the testing activities specified in this section. Testing agency shall be acceptable to Consultant.

Test work in accordance with specified standards. In the absence of a specified standard, comply with the relevant ASTM standard.

Test Reports: Testing agency shall prepare test reports for all tests performed. Submit copies of test reports to Consultant immediately upon their becoming available.

Submittals

Action Submittals: Provide submittals to the Consultant for review and acceptance not less than 7 days prior to start of installation of materials and products specified in this Section.

Product Data: For each type of product, the manufacturer's product literature shall be submitted with technical data sufficient to demonstrate that the product meets these specifications.

Test and Evaluation Reports: For soils and aggregates provide testing agency laboratory analysis.

Shop Drawings: Drawings shall show all information needed to install the pavement support system.

Qualification Data: The work shall be performed by an experienced installer with a minimum of 2 years of experience, with a successful track record in performing work of the same scope and quality as required by these specifications.

Substitutions: Manufacturers seeking approval of their products are required to comply with the Owner's Instructions to Bidders, generally contained in the Project Manual. If such instructions are not included in the other portions of the project manual or the WI DOT standard specifications, submit requests as specified herein.

Submit proposed substitutions to the Consultant not less than 7 days prior to the date for receipt of Bids

Closeout Submittals: Provide manufacturer's warranty documentation.

Quality Assurance

Comply with applicable requirements of the laws, codes, ordinances and regulations of Federal, State and Local authorities having jurisdiction. Obtain necessary permits/approvals from these authorities.

Manufacturer qualifications

The urban tree planting system manufacturer must have at least 20 years' experience in the design, manufacture of and installation of urban tree planting systems.

A manufacturer whose product is manufactured in an ISO/TS 16949 and ISO 9001 certified facility.

Materials:

All materials, methods of construction, and workmanship shall conform to applicable requirements of ASTM and AASHTO Standards, unless otherwise specified.

The quality of material and the finished components shall be subject to inspection by the Consultant. Such inspection may be made on-site upon delivery or at any point thereafter. The components shall be subject to

rejection at any time if material fails to meet any of the specification requirements, even though sample components may have been accepted as satisfactory. Components rejected after delivery to the site shall be marked for identification and shall be removed from the site at once.

Inspection:

All components shall be inspected for general appearance, dimensions, soundness, etc.

Upon completion of relevant excavation work, and prior to placement of geotextile and aggregate, the sub-base soil shall be inspected by the Consultant or authorized representative and be signed off on by the Consultant as acceptable and meeting manufacturer's recommendations.

Upon completion of the placement of the pavement support system (as specified) and geotextile, and prior to backfilling, the structure shall be inspected by specifying engineer or authorized representative and signed off on by the consultant as acceptable and meeting manufacturer's recommendations.

Defects:

Products with structural defects shall be immediately removed and replaced with acceptable parts. The Specifying Engineer, before final acceptance, shall carefully inspect repairs/replacements.

Delivery, Storage and Handling

Components shall be unloaded, handled and stored in an area protected from traffic and in a manner to prevent damage. Inspect materials to ensure that specified materials have been received.

Plastic components may become brittle at cold temperatures. Use caution when handling plastic components below 15°F (-10°C).

Store all material on pallets, with pallet wrap intact until required for installation. Unwrap pallets carefully ensuring unstable sections don't collapse dangerously. Store units to avoid damage from other construction activities.

Protect geogrids and geofabrics from physical damage and from temperatures in excess of 150°F (65°C). Do not expose geogrids and geofabrics to direct sunlight for more than 7 days.

Ensure that all unrelated construction traffic be kept away from the limits of excavation until project is complete and final surface materials are in place.

Site Conditions

Do not proceed with installation when subgrades, soils and planting soils are in a wet, muddy or frozen condition.

Before commencing work on site examine available documentation pertaining to site and determine nature and location of above ground and underground utilities.

Before proceeding with full scale excavation work, confirm nature of existing soil conditions and the drainage characteristics of existing soil.

Abandoned utilities encountered during excavation shall be removed and their ends plugged.

Active utilities encountered during excavation and not indicated in Contract Documents shall be reported immediately to Consultant and utility owner who shall determine measures necessary to repair (if damaged), relocate, remove or work around the utility.

Warranty

Provide manufacturer's standard warranty against defects in materials and workmanship.

Products will be free from defects in components and workmanship for a period of thirty (30) years from date of manufacture.

Excavation Below Grade

Excavation required for the installation of all pipes and structures shall be made to the depths and widths indicated on the drawings (a minimum of 12" (300 mm) beyond all sides of at the base of the pavement support system is required for proper backfill). The contractor shall ensure that the bottom of the excavation is firm and dry and, in all respects, acceptable to the consultant.

All objectionable material encountered within the limits indicated shall be removed and disposed of by the Contractor.

In excavation faces, all loose or protruding rocks shall be secured or otherwise removed to finished grade. All cut slopes shall be uniformly dressed to the slope, cross-section and alignment shown on the Drawings or as directed by the Consultant or authorized representative.

Furnish, install, monitor and maintain excavation support (e.g., shoring, sheeting, bracing, trench boxes, etc.) as required by Federal, State and Local Laws, Ordinances, Regulations and Safety Requirements. Support the sides of excavation, to prevent any movement which could in any way reduce the width of the excavation below that necessary for proper construction and protect adjacent structures from undermining, settlement or other damage.

Sub-Grade Preparation and Grading

The sub-grade shall be unfrozen, level, and free of lumps or debris with no standing water, mud or muck. Do not use frozen materials or materials mixed or coated with ice or frost. Unless otherwise specified by the consultant, a minimum 2,000 pounds per square foot bearing capacity is required.

If contractor fails to maintain the sub-grade properly, the contractor shall remove the unsuitable material. If the bottom of any portion of the excavation is removed below the limits shown on the drawings, it shall be restored per the consultant to the elevation shown in the drawings. Compacted native earthen fill is not acceptable.

If in the opinion of consultant or authorized representative, the sub-grade, at or below the normal grade of the excavation as indicated on the drawings, is unsuitable for construction; it shall be removed to such depth and width as the consultant may direct and be replaced with suitable material as directed by the consultant or authorized representative.

Sub-Base Course Preparation / Installation

Install a 4" (100 mm) minimum thickness, leveling bed of aggregate sub-base course, across the bottom of the excavation. The aggregate sub-base course shall when possible, extend 6" (150 mm) beyond the base of the pavement support system in all directions. The aggregate sub-base course shall be flat surface, free from lumps, debris or any other sharp materials. Base may have up to a 5% slope.

The aggregate sub-base course (specified as a drainage layer) shall be compacted using a vibratory plate or compaction equipment to sufficiently settle and orient the individual stone facets, or as specified by the consultant.

The aggregate sub-base course (not specified as a drainage layer) be compacted shall be compacted using a vibratory plate or compaction equipment to a minimum of 95% of the standard proctor density, or as specified by the consultant.

Place the geogrid reinforcement for soil on top of the aggregate sub-base course. The geogrid reinforcement for soil shall extend 6" (150 mm) beyond the base of the pavement support system in all directions. Overlap the geogrid reinforcement for soil a minimum 12" (300 mm) or as recommended by the manufacturer.

Pavement Support System Installation

Installation procedure, as follows, shall be followed by the contractor. The contractor shall also reference the manufacturer's installation guidelines, and where any discrepancy exists the consultant reserves the right to contact the manufacturer's representative prior to continuation. Installation constitutes acceptance of existing conditions and responsibility for satisfactory performance.

Use a soluble paint, chalk, or string to mark the footprint of the pavement support system. Prior to the installation of pavement support system uprights, confirm tree pit dimensions and mark location of trees.

Rectify discrepancies and errors. Ensure squareness prior to pavement support system placement.

Install pavement support system uprights in strict accordance with manufacturer's written instructions and installation diagrams. Prior to placement, check each upright for damage. Reject cracked, chipped and otherwise damaged components. Ensure that uprights in contact with the aggregate sub-base course are firmly seated, with no rocking. Ensure that uprights are mechanically interconnected both horizontally and, in multiple layers, vertically.

Upon completion of the pavement support system, wrap the sides of the system with root & moisture barrier, or geogrid to prevent backfill material migration into the pavement support system. Take great care to avoid damage to the root & moisture barrier or geogrid during placement. If damage occurs, repair that portion per manufacturer specifications.

The pavement support system should not be left exposed to extreme temperatures, high wind conditions, snow, ice or copious amounts of rainfall.

Accommodating Utilities within the Pavement Support System

Utilities within the pavement support system should meet specifications as required by utility company's standards. This may require special treatments, barriers and details to achieve this.

Installation of Planting Soil

Obtain consultant's approval prior to filling the pavement support system with planting soil. Install planting soil after the installation of the sub-drainage piping / under drain (as required), pavement support system uprights, root and moisture barriers and backfill material is in place.

Except as shown otherwise on drawings completely fill all void spaces with planting soil. Place planting soil using an excavator bucket and spread with rakes or shovels

Keep outside perimeter of the pavement support system free of planting soil.

Planting soil shall be placed in lifts of 8" (200 mm) to 12" (300mm) and foot compacted by walking through the planting soil. In no case shall the planting soil be compacted greater than foot compaction, after installation within the pavement support system. Note: the top deck is also an aeration layer allowing soil to be filled to top of the uprights.

Installation of Aeration/Irrigation Piping and Inspection Portal

Lateral aeration/irrigation piping: install piping within top layer of pavement support system uprights in a complete connected circuit, within 12" (600mm) of outer edge of matrix. Fit junctions and risers at maximum spacing of 12' (3.6 meters).

Vertical soil inspection portal: place vertical piping within central opening of pavement support system lid. Trim vertical pipes to 6" (150mm) above finished pavement and support in vertical position by temporary staking. Seal open ends of pipes.

Installation of Root Barriers and Root and Moisture Barriers

Install ribbed root barriers and/or root & moisture barriers as shown on drawings. Overlap barrier joints 8" (200mm) and tape both sides of joint. Top edge of barriers shall be level with adjacent construction. Ensure that earth surfaces in contact with barriers are flat and free of sharp debris and stones to avoid puncturing barriers. Install ribbed root barriers facing towards the tree.

Backfilling the Perimeter

Place backfill material evenly around the perimeter of the pavement support system in 8" (200 mm) to 10" (250 mm) lifts and compact as specified below.

For compactable materials, each lift shall be compacted shall be compacted using a vibratory plate or compaction equipment to a minimum of 95% of the standard proctor density. For self-compacting stone materials, each lift shall be compacted using a vibratory plate or compaction equipment to sufficiently settle and orient the individual stone facets, or as specified by the consultant.

Take care to ensure that the compaction equipment doesn't damage the root & moisture barriers, geogrid or pavement support system.

Continue backfilling the perimeter until it is backfilled within 10" (250 mm) to 12" (300 mm) of the top of the pavement support system uprights. No aggregate base course shall be placed on the top of the support system until the side backfill has been placed and compacted.

Installation of the Geogrid with Integrated Non-Woven Geotextile

Place the geogrid with integrated non-woven geotextile horizontally on top of the pavement support system allowing it to extend 12" (300 mm) vertically down the sides of the pavement support system and 12" (300 mm) horizontally away from the pavement support system. For seams, overlap geogrid with integrated non-woven geotextile a minimum 8" (200 mm).

Installation of Aggregate Base Course for Pavement

Continue backfilling the perimeter and top of the pavement support system in 4" (100 mm) lifts, until specified depth is reached.

For compactable materials, each lift shall be compacted shall be compacted using a vibratory plate or compaction equipment to a minimum of 95% of the standard proctor density. For self-compacting stone materials, each lift shall be compacted using a vibratory plate or compaction equipment to sufficiently settle and orient the individual stone facets, or as specified by the consultant.

Only low-pressure tire or track vehicles shall be operated over the pavement support system during construction. No machinery should drive on top of the pavement support system until a minimum backfill and compaction is achieved. Dump trucks and heavy equipment shall not be operated within the pavement support system limits of excavation at any time. Where necessary the heavy equipment should unload in an area adjacent to the pavement support system and the material should be moved over the system with low-pressure tire or track equipment.

Ensure that all unrelated construction traffic is kept away from the limits of excavation until the project is complete and final surface materials are in place. No non-installation related loading should be allowed over the support system until the final design section has been constructed (including pavement).

Place surfacing or paving materials over the pavement support system with care to avoid displacement of cover fill and damage to surrounding areas.

Site Quality Control

Compaction Tests: Testing agency shall perform compaction testing on sub-grade and on each layer of fill to determine compliance with specified compaction. Determine method and frequency of testing in consultation with Consultant and WI DOT Standards.

Installation of Concrete Curbs at Tree Openings

Confirm exact location of tree pit openings. Cut geocomposite layer and fold back to expose tree pit opening. If specified, position the pre-formed root management system in the tree pit opening. Form and pour concrete curbs along planting areas and tree pit openings as shown on the drawings to prevent the aggregate base course from migrating into the planting soil.

Installation of Root Barrier within the Tree Pit Openings

Place the ribbed root barrier around the inside of the tree pit opening with ribs facing toward the tree. Extend ribbed root barrier down to top of the pavement support system and up to level of planting soil within the tree pit. Lap root barrier joints 8" (200mm) and tape both sides of joint.

Cleaning & Protection

Perform clean up during installation and upon completion of each phase of the work. Maintain the site free of soil, sediment, trash and debris. Remove excess soil materials, debris, and equipment from the site following completion of each phase of the work.

Repair damage to adjacent materials and surfaces resulting from installation of this work using mechanics skilled in remedial work of the construction type and trades affected.

Closeout Activities

Provide manufacturer's warranty.

D Measurement

The department will measure the Soil Cell System as a lump sum, acceptably completed.

E Payment

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

ITEM NUMBER	DESCRIPTION	UNIT
SPV.0105.02	Soil Cell System- Stage 1	LS
SPV.0105.03	Soil Cell System- Stage 2	LS

Payment is full compensation for all excavation, grading, shaping and compacting: and for furnishing and installing soil cell items as described in this special provision at the locations indicated on the plan drawings, including any touch-up and repairs.

77. Remove Existing Tree Grate and Frame, Item SPV.0060.37.

A Description

This special provision describes removing Existing Tree Grates and Frames according to the pertinent provisions of standard spec 204 and as hereinafter provided. Specific removal items and their locations are noted in the plans.

B (Vacant)

C Construction

Remove the existing tree grates and frames. All materials to become property of the contractor.

D Measurement

The department will measure Remove Existing Tree Grate and Frame as each individual existing tree grate and frame, 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.0060.37	Remove Existing Tree Grate and Frame	EA

Payment is full compensation for removing all materials, backfilling and compacting any depression left by the removal with acceptable material, and for properly disposing of all materials.

Schedule of Items

Attached, dated October 29, 2020, are the revised Schedule of Items Pages 1 – 13.

Plan Sheets

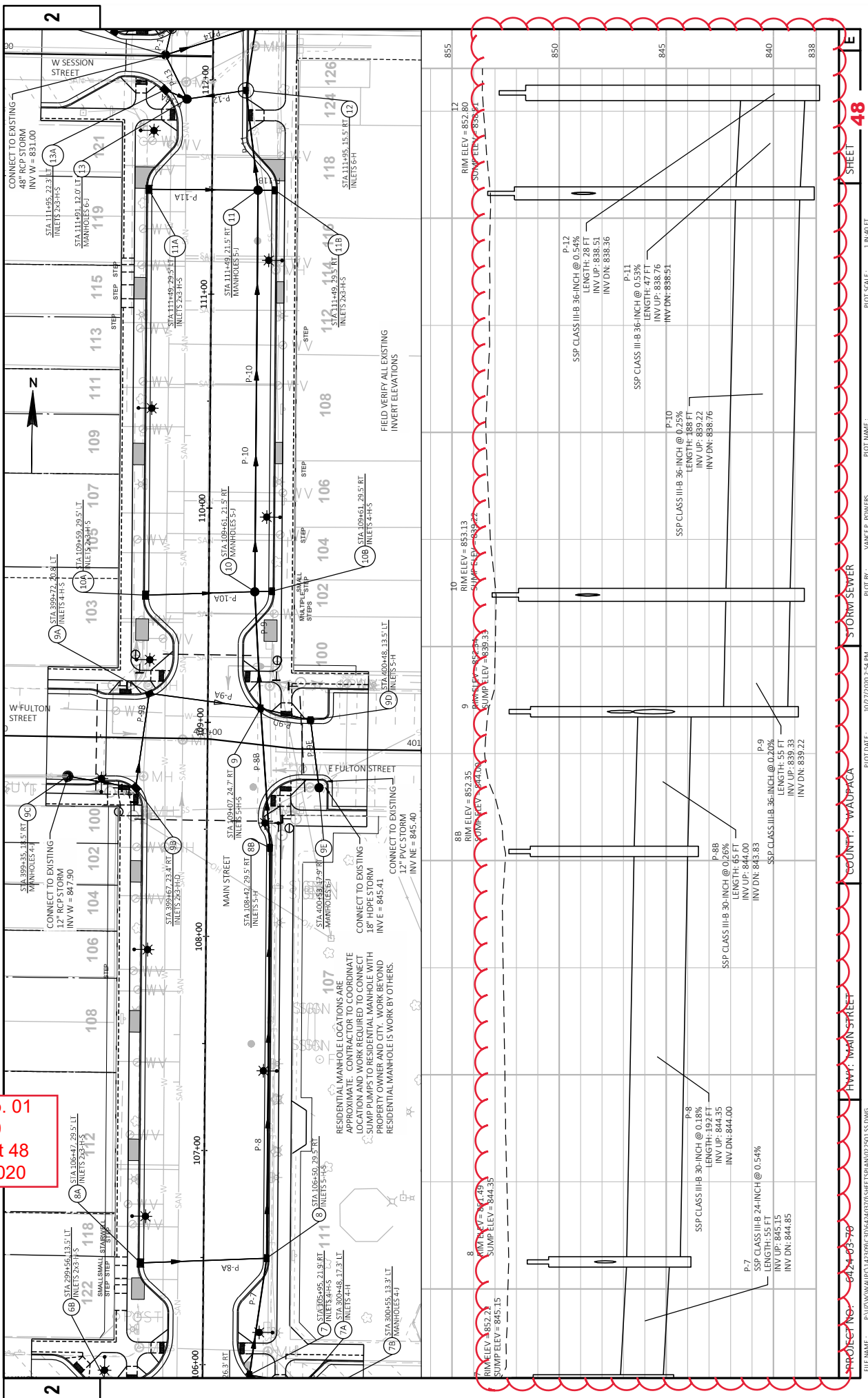
The following 8½ x 11-inch sheets are attached and made part of the plans for this proposal:

Revised: 45, 47, 48, 49, 50, 51, 94, 95, 104, 107, 109 and 123.

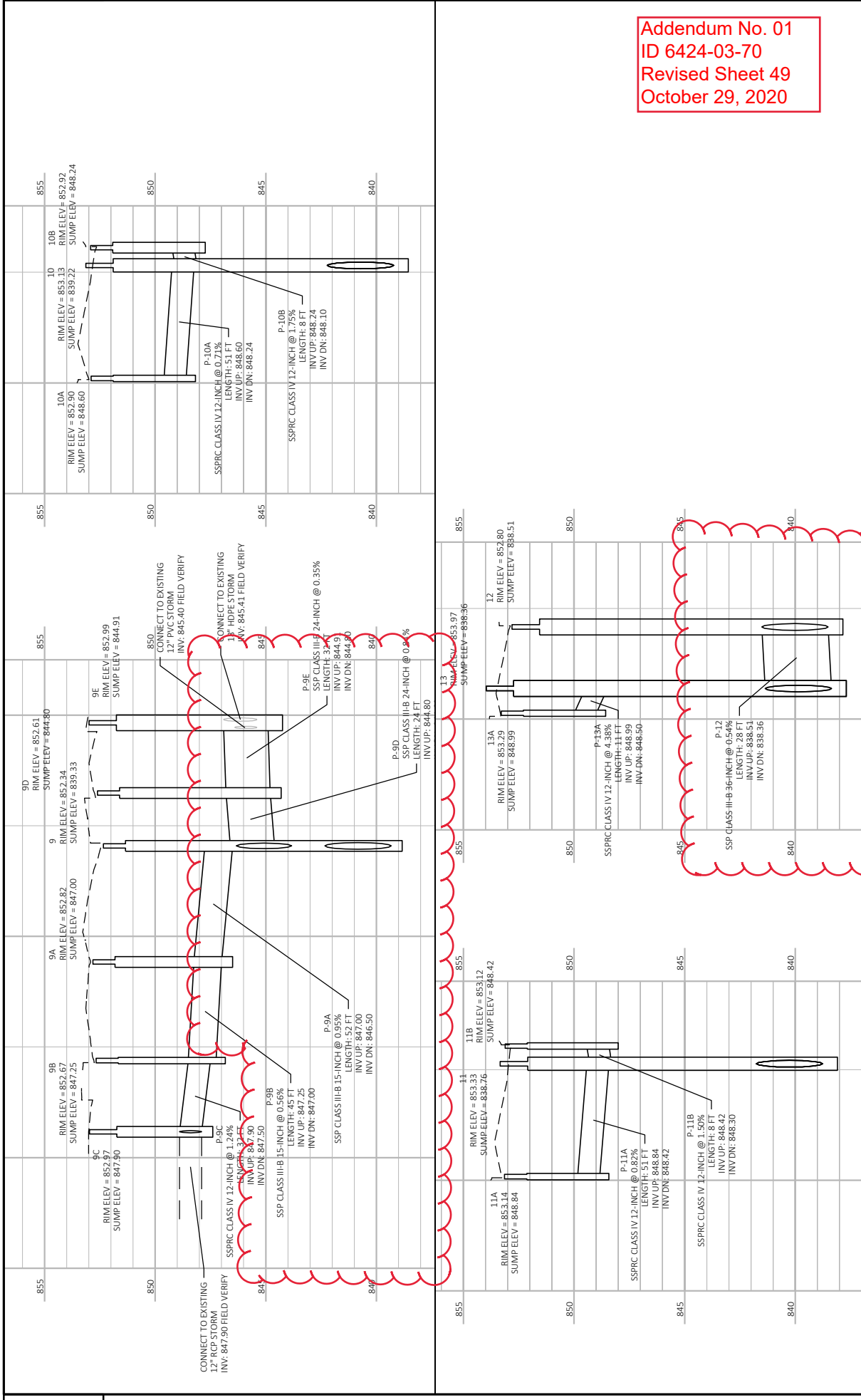
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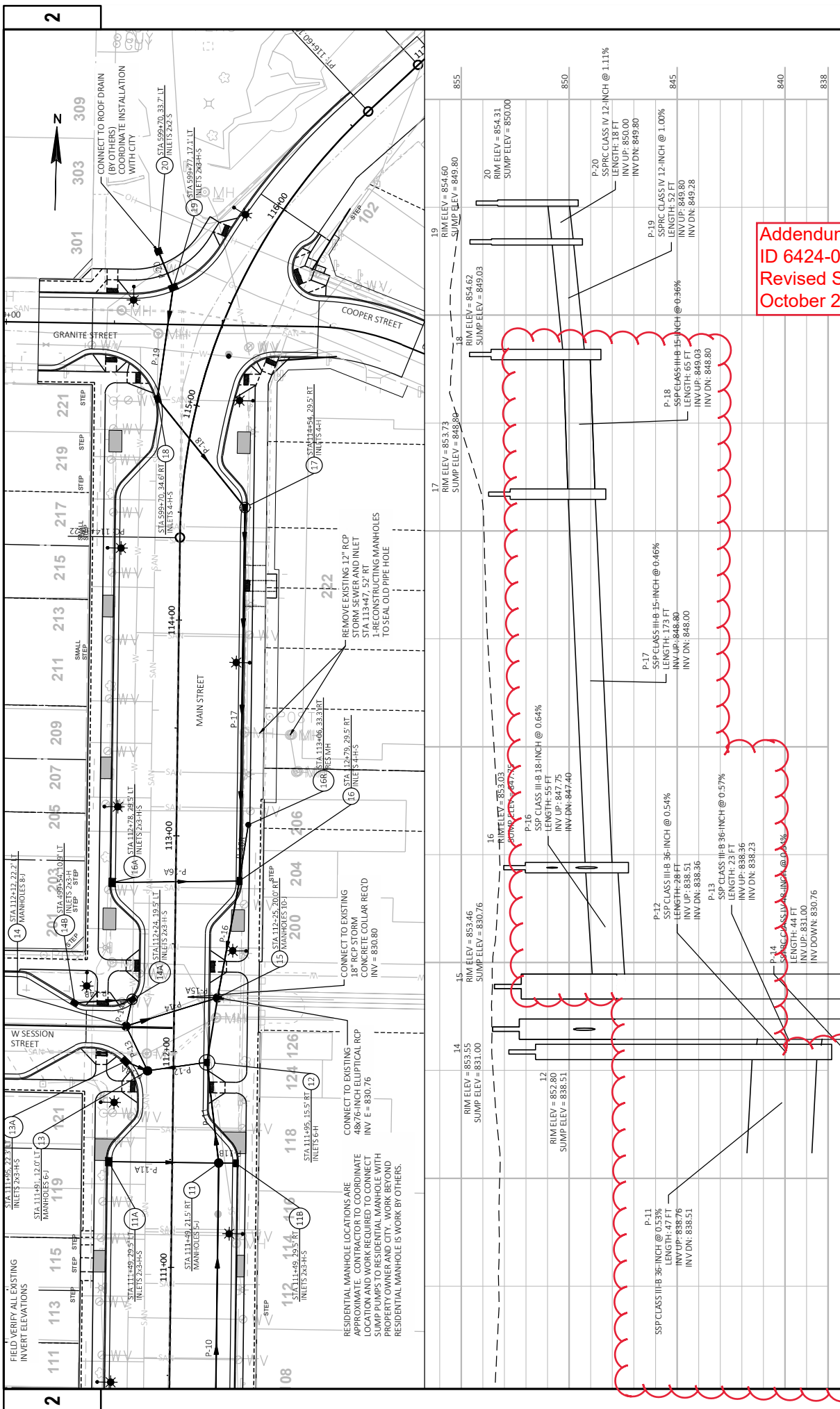
END OF ADDENDUM

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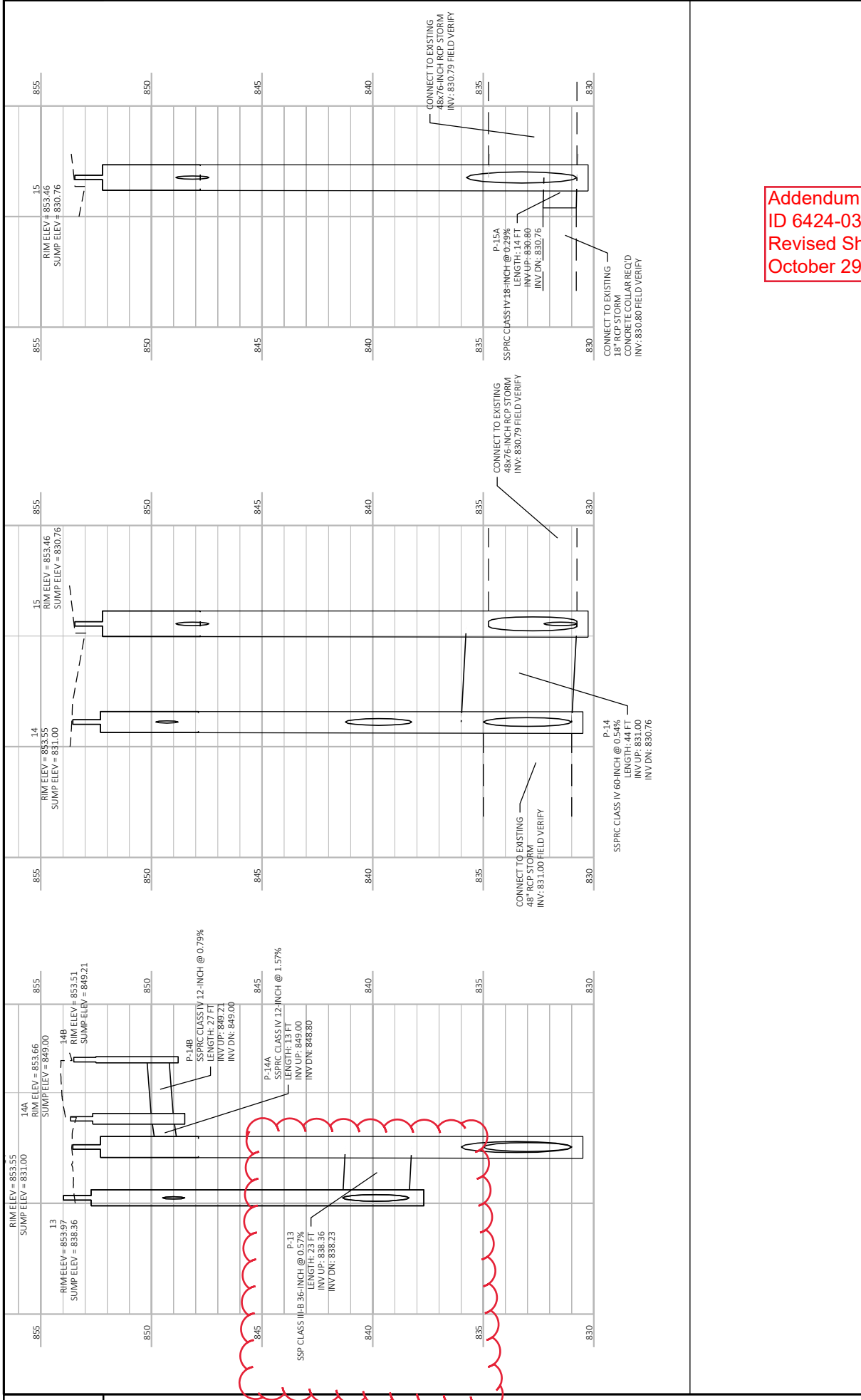


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Addendum No. 01
 ID 6424-03-70
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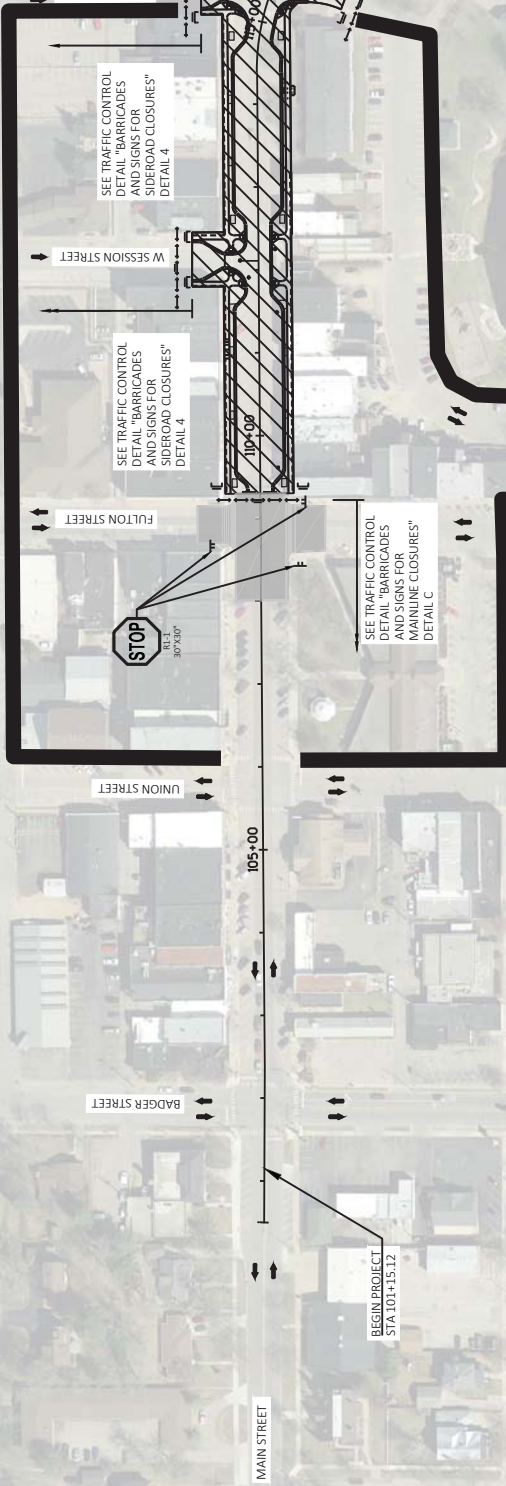
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 October 29, 2020



NOTES

ALL SIDEWALK TO REMAIN IN PLACE UNTIL SERVICE/ATERAL WORK'S COMPLETED. MAINTAIN WITH TEMPORARY ACCESS AFTER REMOVAL.

STAGE 1, 1A, 1B AND 1C PEDESTRIAN ROUTE AROUND WORK ZONE. SIGNS BY THE CITY OF WAUPACA



LEGEND

- TYPE II BARRICADE WITH SIDEWALK CLOSED SIGN
- TYPE III BARRICADE
- TYPE III BARRICADE WITH ATTACHED SIGN
- TRAFFIC CONTROL DRUM
- TRAFFIC CONTROL DRUM WITH TYPE C STEADY BURN LIGHT
- SIGN ON PERMANENT SUPPORT
- SIGN ON TEMPORARY SUPPORT
- DIRECTION OF TRAFFIC
- WORK ZONE
- ASPHALTIC SURFACE TEMPORARY (3/4 INCH)

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STAGE 1A NOTES

MOVE CLOSURE BARRICADES FROM THE SOUTH SIDE OF FULTON STREET TO THE NORTH SIDE AND OPEN INTERSECTION TO TRAFFIC.

CONSTRUCTION WORK CONTINUES ON MAIN STREET FROM FULTON STREET TO THE NORTH LIMITS.

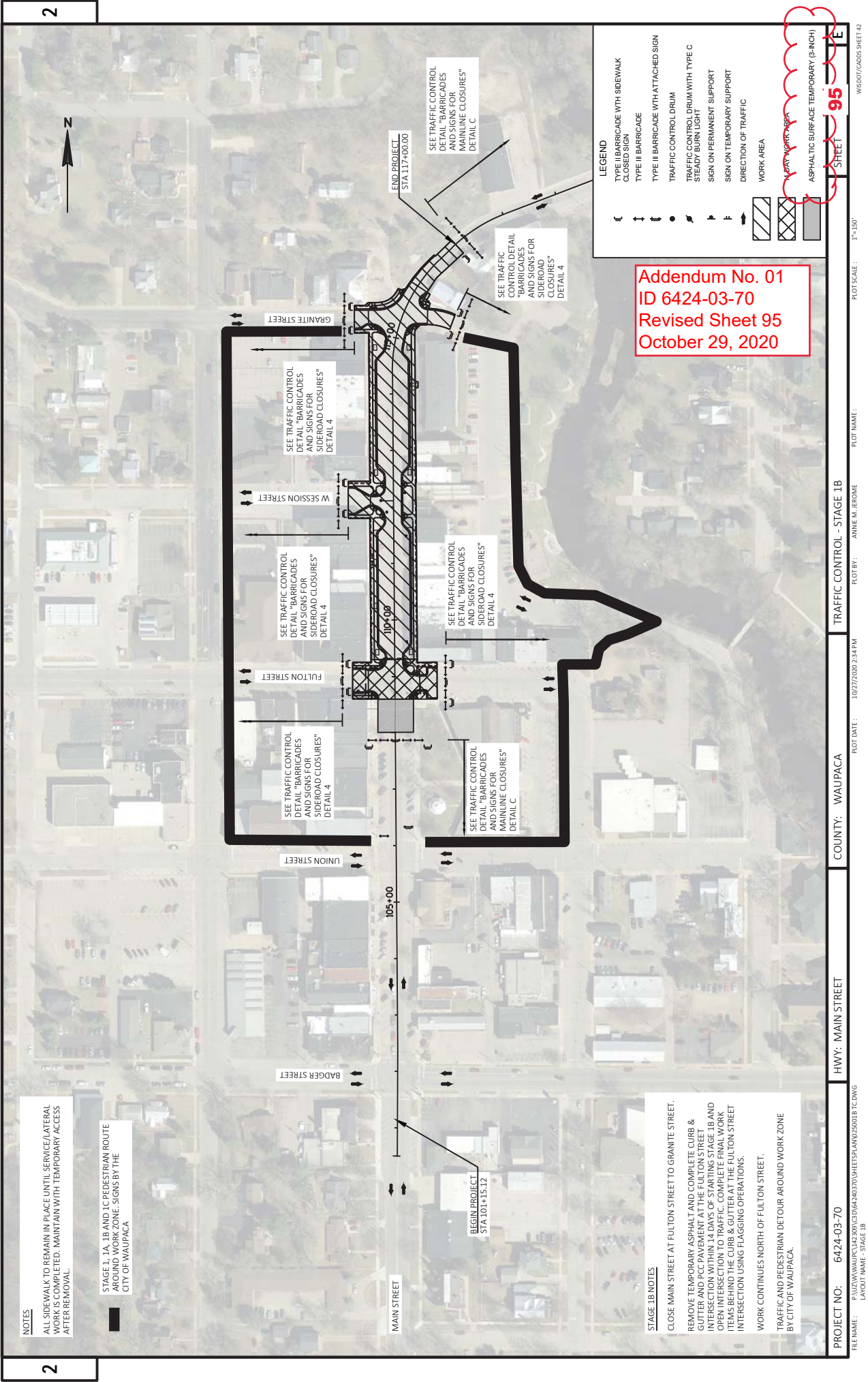
TRAFFIC AND PEDESTRIAN DETOUR AROUND WORK ZONE BY CITY OF WAUPACA.



NOTES
 ALL SIDEWALK TO REMAIN IN PLACE UNTIL SERVICE/LATERAL WORK IS COMPLETED. MAINTAIN WITH TEMPORARY ACCESS AFTER REMOVAL.

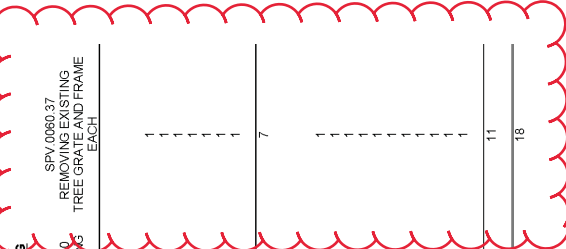
STAGE 1, 1A, 1B AND 1C PEDESTRIAN ROUTE AROUND WORK ZONE. SIGNS BY THE CITY OF WAUPACA.

STAGE 1B NOTES
 CLOSE MAIN STREET AT FULTON STREET TO GRANITE STREET. REMOVE TEMPORARY ASPHALT AND COMPLETE CURB & GUTTER AND PCC PAVEMENT AT THE FULTON STREET INTERSECTION WITHIN 14 DAYS OF STARTING STAGE 1B AND OPEN INTERSECTION TO TRAFFIC. COMPLETE FINAL WORK ITEMS BEHIND THE CURB & GUTTER AT THE FULTON STREET INTERSECTION USING FLAGGING OPERATIONS.
 WORK CONTINUES NORTH OF FULTON STREET.
 TRAFFIC AND PEDESTRIAN DETOUR AROUND WORK ZONE BY CITY OF WAUPACA.



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CLEARING AND GRUBBING		201.0120		201.0230		SPV.0060.37	
STATION	LOCATION	ID	SY	ID	SY	REMOVING EXISTING TREE GRATE AND FRAME	EACH
STAGE 1			70	70			7
MAIN STREET	31.6' RT	10		10		1	
108+75	32.0' LT	10		10		1	
110+51	32.0' LT	10		10		1	
111+42	33.3' RT	12		12		1	
111+46	32.3' LT	12		12		1	
112+80	32.3' LT	2		2		1	
113+68	32.6' LT	8		8		1	
114+36	32.6' LT	8		8		1	
STAGE 1 SUBTOTAL			70	70			7
STAGE 2							
MAIN STREET	33.0' LT	12		12		1	
102+88	33.6' RT	14		14		1	
103+18	33.1' LT	14		14		1	
103+91	33.1' LT	4		4		1	
104+91	33.6' RT	6		6		1	
105+05	33.0' LT	12		12		1	
106+29	33.0' LT	10		10		1	
107+00	33.6' RT	12		12		1	
107+13	32.0' LT	12		12		1	
107+24	33.5' RT	14		14		1	
108+04	32.0' LT	14		14		1	
STAGE 2 SUBTOTAL		120		120		11	
ITEM TOTALS		190		190		18	

REMOVING CURB & GUTTER		204.0150		COMMENTS	
STATION	LOCATION	LF	SY	LF	SY
STAGE 1					
MAIN STREET	LT	150		150	
W FULTON STREET	LT	43		43	
399+54.00 - 399+71.00	RT	32		32	RADIUS
E BADGET STREET	LT	20		20	RADIUS
400+55.00 - 400+75.00	RT	25		25	RADIUS
COOPER STREET	LT	58		58	
600+39.73 - 600+90.00	LT				
STAGE 1 SUBTOTAL		328		328	
STAGE 2					
MAIN STREET	LT	37		37	
101+15.12 - 101+52.25	RT	37		37	
101+15.12 - 101+52.25	LT	18		18	
102+27.00 - 102+46.00	RT	10		10	
102+22.00 - 102+33.00	LT				
W BADGER STREET	LT	30		30	RADIUS
199+49.00 - 199+71.00	RT	60		60	INC. RADIUS
E BADGER STREET	LT	52		52	INC. RADIUS
200+20.00 - 200+75.00	RT	67		67	INC. RADIUS
E UNION STREET	LT & RT	34		34	
300+41.00 - 300+75.00	RT	23		23	
300+52.00 - 300+75.00	LT				
STAGE 2 SUBTOTAL		368		368	
ITEM TOTAL		696		696	

REMOVING PAVEMENT		204.0100		COMMENTS	
STATION	LOCATION	SY	SY	SY	SY
STAGE 1					
MAIN STREET	LT & RT	600		600	MAY CONTAIN REINFORCEMENT
108+60 - 109+30	LT & RT	5040		5040	MAY CONTAIN REINFORCEMENT
109+30 - 117+00					
STAGE 1 SUBTOTAL		5640		5640	
STAGE 2					
MAIN STREET	LT & RT	5150		5150	MAY CONTAIN REINFORCEMENT
101+15.10 - 108+60					
STAGE 2 SUBTOTAL		5150		5150	
ITEM TOTAL		10790		10790	

REMOVING CONCRETE SIDEWALK		204.0155		COMMENTS	
STATION	LOCATION	SY	SY	SY	SY
STAGE 1					
MAIN STREET	LT & RT	22		22	
108+60.00 - 109+30.00	LT & RT	1300		1300	
W FULTON STREET	LT & RT	99		99	
399+25.00 - 399+69.00	LT & RT	78		78	
E FULTON STREET	LT & RT	87		87	
400+27.00 - 400+75.00	LT & RT	70		70	
W SESSION STREET	LT	62		62	
499+20.00 - 499+71.00	LT				
COOPER STREET	LT	1718		1718	
598+15.00 - 598+52.00	LT				
600+13.00 - 600+90.00	LT				
STAGE 1 SUBTOTAL		1718		1718	
STAGE 2					
MAIN STREET	LT & RT	1458		1458	
101+15.12 - 108+60.00	LT & RT	49		49	
W BADGET STREET	LT & RT	88		88	
199+20.00 - 199+70.00	LT & RT	85		85	
E BADGET STREET	LT & RT	72		72	
200+20.00 - 200+75.00	LT & RT				
W UNION STREET	LT & RT	1752		1752	
299+20.00 - 299+70.00	LT & RT				
E UNION STREET	LT & RT	3470		3470	
300+30.00 - 300+75.00	LT & RT				
STAGE 2 SUBTOTAL		1752		1752	
ITEM TOTAL		3470		3470	

REMOVING TRAFFIC SIGNALS		204.9105.S.01		204.9105.S.02	
STATION	LOCATION	LS	LS	LS	LS
MAIN STREET & BADGER STREET		1		1	
MAIN STREET & FULTON STREET					1
ITEM TOTALS		1		1	1

NOTE: ALL ITEMS AND QUANTITIES ON THIS SHEET ARE FOR ENGINEER ESTIMATE CATEGORY 0010, UNLESS OTHERWISE NOTED.

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FINISHING ROADWAY (PROJECT)

STATION	LOCATION	EACH	213.0100
MAIN STREET	101+15.12 - 117+00.00	LT & RT	1
ITEM TOTAL			1

BASE AGGREGATE DENSE 1 1/4-INCH

STATION	LOCATION	TON	305.0120	624.0.100
MAIN STREET	101+15.12 - 117+00.00	LT & RT	75	WATER
MAIN STREET	108+60.00 - 109+30.00	LT & RT	1280	MSAL
W FULTON STREET	109+30.00 - 116+00.00	LT & RT	200	
W FULTON STREET	116+00.00 - 117+00.00	LT & RT	80	
W FULTON STREET	398+52.72 - 399+66.00	LT & RT	86	
W FULTON STREET	400+53.78 - 400+75.00	LT & RT	51	
W SESSION STREET	499+20.00 - 499+59.36	LT & RT	80	
GRANITE STREET	598+39.87 - 599+65.07	LT & RT	31	
COOPER STREET	600+44.55 - 600+90.00	LT & RT	44	
COOPER STREET	600+44.55 - 600+90.00	LT & RT	68	
STAGE 1 SUBTOTAL			2168	22

CONCRETE PAVEMENT ITEMS

STATION	LOCATION	7-INCH SY	415.0070	415.5110 S. SPV.0180.01	CONCRETE PAVEMENT JOINT LAYOUT	7-INCH SY
MAIN STREET	108+60.00 - 109+30.00	LT & RT	3376	221		221
W FULTON STREET	109+30.00 - 116+00.00	LT & RT	3376	3376		3376
W FULTON STREET	398+52.72 - 399+66.00	LT & RT	172	172		172
W FULTON STREET	400+53.78 - 400+75.00	LT & RT	123	123		123
W SESSION STREET	499+20.00 - 499+59.36	LT & RT	65	65		65
GRANITE STREET	598+39.87 - 599+65.07	LT & RT	173	173		173
COOPER STREET	600+44.55 - 600+90.00	LT & RT	98	98		98
STAGE 1 SUBTOTAL			3772	4228		516

HMA PAVEMENT ITEMS

STATION	LOCATION	TACK COAT GAL	455.0805	465.0224	HMA PAVEMENT ASPHALTIC SURFACE TEMPORARY	TON
MAIN STREET	116+00.00 - 117+00.00	LT & RT	16.6	93		93
W FULTON STREET	398+52.72 - 399+66.00	LT & RT	6.1	34		34
W FULTON STREET	400+53.78 - 400+75.00	LT & RT	6.8	31		31
W SESSION STREET	499+20.00 - 499+59.36	LT & RT	7.2	33		33
GRANITE STREET	598+39.87 - 599+65.07	LT & RT	4.0	18		18
COOPER STREET	600+44.55 - 600+90.00	LT & RT	6.5	30		30
STAGE 1 SUBTOTAL			47.2	239		170

CONCRETE DRIVEWAY

STATION	LOCATION	7-INCH SY	416.0170
MAIN STREET	104+40.8	RT	4
MAIN STREET	104+40.8	RT	34
STAGE 2 SUBTOTAL			38
ITEM TOTAL			38

ASPHALTIC SURFACE DRIVEWAYS AND FIELD ENTRANCES

STATION	LOCATION	465.0120	TON	COMMENTS
MAIN STREET	101+15.12 - 200+75	RT	6	PARKING LOT DRIVEWAY
EBADGET STREET	200+53.84 - 200+75.00	LT	3	PARKING LOT
STAGE 2 SUBTOTAL			10	
ITEM TOTAL			10	

NOTE: ALL ITEMS AND QUANTITIES ON THIS SHEET ARE FOR ENGINEER ESTIMATE CATEGORY 0010, UNLESS OTHERWISE NOTED.

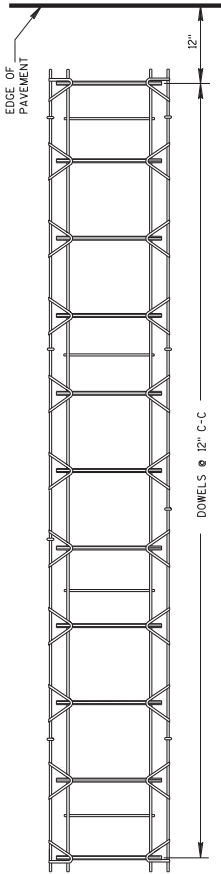
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STORM SEWER PIPE

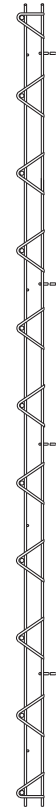
PIPE LABEL & FROM	TO	LOCATION	15-INCH LF	18-INCH LF	24-INCH LF	30-INCH LF	36-INCH LF	42-INCH LF	48-INCH LF	54-INCH LF	60-INCH LF	72-INCH LF	84-INCH LF	96-INCH LF	INLET ELEVATION	DISCHARGE ELEVATION	SLOPE
STAGE 1																	
8B	9	MAIN STREET													844.00	843.83	0.0026
9A	10	MAIN STREET													847.00	838.72	0.0068
9B	9A	W FULTON STREET	52												847.00	847.00	0.0056
9C	9B	W FULTON STREET	45												847.50	847.50	0.0125
9D	9	E FULTON STREET													844.60	844.60	0.0083
9E	9D	E FULTON STREET	24												844.80	844.80	0.0034
9F	9E	MAIN STREET	32												839.22	838.76	0.0024
10A	10	MAIN STREET													848.60	848.24	0.0071
10B	10	MAIN STREET													848.24	848.10	0.0175
11A	11	MAIN STREET													838.76	838.31	0.0083
11B	11	MAIN STREET													848.42	848.30	0.0150
12	13	MAIN STREET													838.51	838.36	0.0054
13	14	MAIN STREET													838.36	838.23	0.0057
13A	13	MAIN STREET													848.99	848.50	0.0445
14	15	MAIN STREET													831.00	830.76	0.0055
14A	14	MAIN STREET													849.00	848.80	0.0154
14B	14A	W SESSIONS STREET													849.21	849.00	0.0078
15A	15	MAIN STREET													830.90	830.76	0.0029
16A	16	MAIN STREET													849.24	848.80	0.0093
16B	16A	MAIN STREET													850.54	850.54	0.0112
16R	16	MAIN STREET													848.80	848.00	0.0046
17	18	MAIN STREET													849.03	848.80	0.0035
18	19	MAIN STREET													849.80	849.28	0.0100
20	19	MAIN STREET													850.00	849.80	0.0111
STAGE 1 SUBTOTAL			335	55	56	65	341	330	14	0	44	0	164	0	846.78	846.60	0.0060
STAGE 2																	
1A	2B	MAIN STREET													846.29	846.18	0.0030
2A	3E	W BADGER STREET													846.60	846.54	0.0050
2B	2A	W BADGER STREET													845.90	845.63	0.0016
3A	5C	MAIN STREET													846.07	845.90	0.0041
3B	3A	MAIN STREET													846.18	846.07	0.0028
3E	3B	W BADGER STREET													847.14	846.32	0.0315
3D	3B	MAIN STREET													848.30	848.24	0.0108
3R	3D	MAIN STREET													846.45	846.30	0.0054
4C	3A	E BADGER STREET													847.35	846.70	0.0176
4D	4C	E BADGER STREET													847.47	847.35	0.0052
4E	4D	E BADGER STREET													845.43	845.35	0.0019
5A	6	MAIN STREET													848.39	847.59	0.0151
5B	5A	MAIN STREET													845.63	845.43	0.0016
5C	5A	MAIN STREET													848.03	847.73	0.0057
5D	5C	MAIN STREET													849.32	849.32	0.0108
5R	5D	MAIN STREET													850.70	850.57	0.0118
5R2	5R	MAIN STREET													849.91	849.77	0.0117
5R3	5R2	MAIN STREET													845.35	845.15	0.0051
6	7	MAIN STREET													847.80	847.00	0.0113
6A	6	MAIN STREET													847.94	847.80	0.0052
6B	6A	W UNION STREET													847.86	847.60	0.0100
6C	6	E UNION STREET													845.15	844.85	0.0055
7	8	MAIN STREET													847.51	847.00	0.0196
7A	7	E UNION STREET													848.42	848.00	0.0108
7B	7A	E UNION STREET													844.35	844.00	0.0018
8	8B	MAIN STREET													848.03	847.35	0.0115
STAGE 2 SUBTOTAL			26	0	260	192	0	424	153	0	164	0	103	0	846.78	846.60	0.0060
ITEM TOTALS			361	55	316	257	341	754	153	14	164	44	129	0	846.78	846.60	0.0060

* NON-BID ITEM FOR INFORMATION ONLY

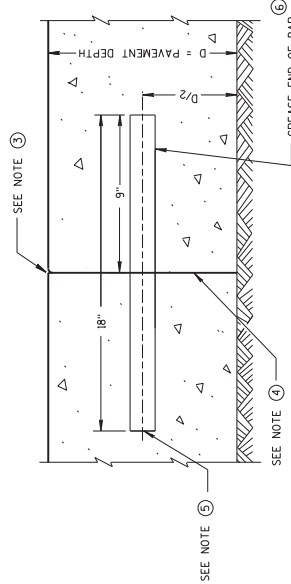
NOTE: ALL ITEMS AND QUANTITIES ON THIS SHEET ARE FOR ENGINEER ESTIMATE CATEGORY 0010, UNLESS OTHERWISE NOTED.



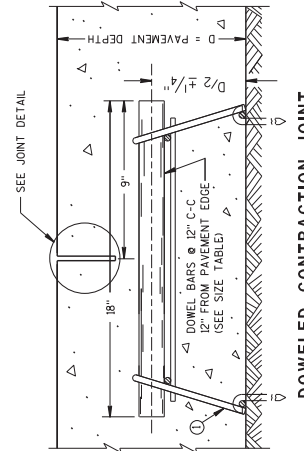
PLAN VIEW



SIDE VIEW
CONTRACTION JOINT DOWEL ASSEMBLY



TRANSVERSE CONSTRUCTION JOINT



DOWELED CONTRACTION JOINT

PAVEMENT DEPTH, DOWEL BAR SIZE
AND JOINT SPACING TABLE

PAVEMENT DEPTH (D)	DOWEL BAR DIAMETER	CONTRACTION JOINT SPACING
5 1/2" - 6 1/2"	NONE	12'
7" - 7 1/2"	1"	14'
8" - 8 1/2"	1 1/4"	15'
9" - 9 1/2"	1 1/4"	15'
10" & ABOVE	1 1/2"	15'

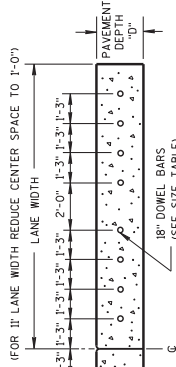
GENERAL NOTES

CONTRACTION JOINTS

CONSTRUCT TRANSVERSE CONTRACTION JOINTS NORMAL TO THE CENTERLINE. SHOW THE LOCATION OF CONTRACTION JOINTS THROUGH INTERSECTIONS ON THE PLANS OR AS DIRECTED BY THE ENGINEER.
INSTALL DOWEL BARS PARALLEL TO THE PAVEMENT CENTERLINE AND PAVEMENT SURFACE.
FOR PAVEMENT SLABS OF VARYING WIDTHS, LOCATE THE OUTER MOST DOWEL BAR SO THAT THE CENTER OF THE BAR IS A MINIMUM OF 6 INCHES AND A MAXIMUM OF 18 INCHES FROM THE LONGITUDINAL JOINT AND THE FREE EDGE OF PAVEMENT.

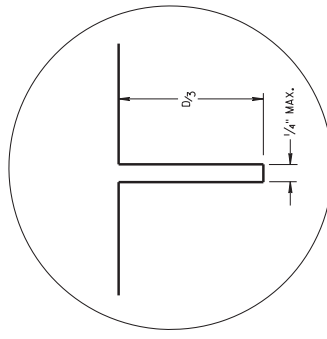
CONSTRUCTION JOINTS

- 1 LOCATE CONSTRUCTION JOINTS A MINIMUM OF 6 FEET FROM THE NEAREST CONTRACTION JOINT AND ALIGN PARALLEL TO CONTRACTION JOINTS.
- 2 OBTAIN THE ENGINEERS APPROVAL FOR THE USE OF ALTERNATIVE DESIGNS OF THE DOWEL ASSEMBLY. USE MECHANICAL DOWEL BAR INSERTERS OR DOWEL ASSEMBLIES WHEN CONSTRUCTING CONTRACTION JOINTS.
- 3 SECURE BASKETS WITH ANCHORS TO HOLD DOWEL BARS IN THE CORRECT POSITION AND ALIGNMENT. TYPE, LOCATION, NUMBER AND LENGTH OF ANCHORS ARE DEPENDENT UPON FIELD CONDITIONS.
- 4 FORM OR SAW CONSTRUCTION JOINTS. PROVIDE A 1/4-INCH RADIUS AT FORMED JOINTS.
- 5 PROVIDE A SMOOTH VERTICAL FACE FOR THE ENTIRE DEPTH OF THE PAVEMENT WHEN FORMING CONSTRUCTION JOINTS.
- 6 INSTALL DOWEL BARS AT CONSTRUCTION JOINTS BY FORMING OR DRILLING. INSTALL FORMED DOWEL BARS 12 INCHES C-C AND 12 INCHES FROM PAVEMENT SURFACE. DRILLED DOWEL BARS SHALL BE CONCRETE FROM THE FREE END OF THE DOWEL BAR. DOWEL BARS SHALL BE PROTECTED BY A PROTECTIVE BAG OR COVER UNTIL THE DOWEL BARS ARE EXPOSED THROUGH THE JOINT. REFER TO THE DRILLED DOWEL BARS ACCORDING TO *DRILLED DOWEL BAR CONSTRUCTION JOINT* DETAIL.
- 7 APPLY A THIN UNIFORM COATING OF SURFACE TREATMENT TO THE FREE END OF DOWEL BARS TO PREVENT BONDING.
- 8 ANCHOR DOWEL BARS INTO DRILLED HOLES WITH AN EPOXY. MAXIMUM DRILLED HOLE SIZE IS 1/8-INCH GREATER THAN DOWEL BAR DIAMETER, 9 INCHES IN LENGTH.

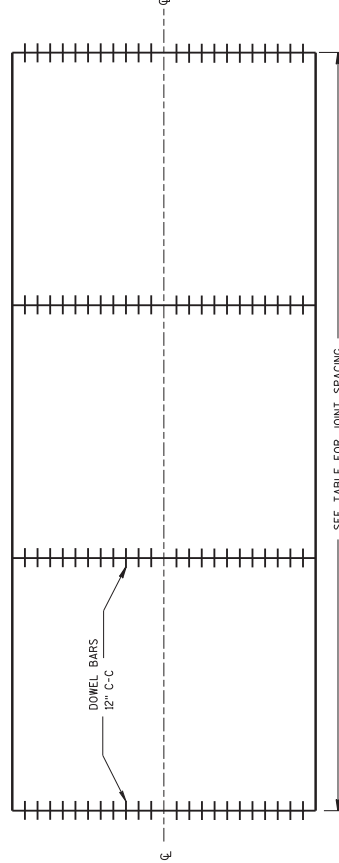


DRILLED DOWEL BAR CONSTRUCTION JOINT

Addendum No. 01
ID 6424-03-70
Added Sheet 159A
October 29, 2020



JOINT DETAIL



SEE TABLE FOR JOINT SPACING
CONTRACTION JOINT LOCATIONS



Proposal Schedule of Items

Proposal ID: 20201110028 Project(s): 6424-03-70, 6424-03-80

Federal ID(s): WISC 2020556, N/A

SECTION: 0001

Contract Items

Alt Set ID:

Alt Mbr ID:

Proposal Line Number	Item ID Description	Approximate Quantity and Units	Unit Price	Bid Amount
0002	201.0120 Clearing	190.000 ID	_____.	_____.
0004	201.0220 Grubbing	190.000 ID	_____.	_____.
0006	204.0100 Removing Concrete Pavement	10,790.000 SY	_____.	_____.
0008	204.0130 Removing Curb	25.000 LF	_____.	_____.
0010	204.0150 Removing Curb & Gutter	696.000 LF	_____.	_____.
0012	204.0155 Removing Concrete Sidewalk	3,470.000 SY	_____.	_____.
0014	204.0195 Removing Concrete Bases	29.000 EACH	_____.	_____.
0016	204.0210 Removing Manholes	22.000 EACH	_____.	_____.
0018	204.0220 Removing Inlets	15.000 EACH	_____.	_____.
0020	204.0245 Removing Storm Sewer (size) 01. 8-Inch	242.000 LF	_____.	_____.
0022	204.0245 Removing Storm Sewer (size) 02. 10-Inch	217.000 LF	_____.	_____.
0024	204.0245 Removing Storm Sewer (size) 03. 12-Inch	1,255.000 LF	_____.	_____.
0026	204.0245 Removing Storm Sewer (size) 04. 15-Inch	33.000 LF	_____.	_____.
0028	204.0245 Removing Storm Sewer (size) 05. 18-Inch	10.000 LF	_____.	_____.
0030	204.0245 Removing Storm Sewer (size) 06. 48-Inch	38.000 LF	_____.	_____.



Proposal Schedule of Items

Proposal ID: 20201110028 Project(s): 6424-03-70, 6424-03-80

Federal ID(s): WISC 2020556, N/A

SECTION: 0001

Contract Items

Alt Set ID:

Alt Mbr ID:

Proposal Line Number	Item ID Description	Approximate Quantity and Units	Unit Price	Bid Amount
0032	204.0245 Removing Storm Sewer (size) 07. 48x76-Inch	7.000 LF	_____.	_____.
0034	204.9105.S Removing (item description) 01. Traffic Signals Main Street & Badger Street	LS	LUMP SUM	_____.
0036	204.9105.S Removing (item description) 02. Traffic Signals Main Street & Fulton Street	LS	LUMP SUM	_____.
0038	205.0100 Excavation Common	6,445.000 CY	_____.	_____.
0040	213.0100 Finishing Roadway (project) 01. 6424-03-70	1.000 EACH	_____.	_____.
0042	305.0120 Base Aggregate Dense 1 1/4-Inch	4,140.000 TON	_____.	_____.
0044	405.0200 Coloring Concrete Custom	303.100 CY	_____.	_____.
0046	415.0070 Concrete Pavement 7-Inch	7,904.000 SY	_____.	_____.
0048	415.4100 Concrete Pavement Joint Filling	8,420.000 SY	_____.	_____.
0050	415.5110.S Concrete Pavement Joint Layout	1.000 LS	_____.	_____.
0052	416.0170 Concrete Driveway 7-Inch	38.000 SY	_____.	_____.
0054	455.0605 Tack Coat	80.200 GAL	_____.	_____.
0056	460.2000 Incentive Density HMA Pavement	260.000 DOL	1.00000	260.00
0058	460.6224 HMA Pavement 4 MT 58-28 S	400.000 TON	_____.	_____.
0060	465.0120 Asphaltic Surface Driveways and Field Entrances	10.000 TON	_____.	_____.



Proposal Schedule of Items

Proposal ID: 20201110028 Project(s): 6424-03-70, 6424-03-80

Federal ID(s): WISC 2020556, N/A

SECTION: 0001

Contract Items

Alt Set ID:

Alt Mbr ID:

Proposal Line Number	Item ID Description	Approximate Quantity and Units	Unit Price	Bid Amount
0062	601.0409 Concrete Curb & Gutter 30-Inch Type A	3,057.000 LF	_____.	_____.
0064	601.0411 Concrete Curb & Gutter 30-Inch Type D	644.000 LF	_____.	_____.
0066	601.0600 Concrete Curb Pedestrian	15.000 LF	_____.	_____.
0068	602.0410 Concrete Sidewalk 5-Inch	42,700.000 SF	_____.	_____.
0070	602.0515 Curb Ramp Detectable Warning Field Natural Patina	400.000 SF	_____.	_____.
0082	608.0412 Storm Sewer Pipe Reinforced Concrete Class IV 12-Inch	754.000 LF	_____.	_____.
0084	608.0415 Storm Sewer Pipe Reinforced Concrete Class IV 15-Inch	153.000 LF	_____.	_____.
0086	608.0418 Storm Sewer Pipe Reinforced Concrete Class IV 18-Inch	14.000 LF	_____.	_____.
0088	608.0424 Storm Sewer Pipe Reinforced Concrete Class IV 24-Inch	164.000 LF	_____.	_____.
0090	608.0460 Storm Sewer Pipe Reinforced Concrete Class IV 60-Inch	44.000 LF	_____.	_____.
0092	611.0420 Reconstructing Manholes	1.000 EACH	_____.	_____.
0094	611.0530 Manhole Covers Type J	11.000 EACH	_____.	_____.
0096	611.0624 Inlet Covers Type H	13.000 EACH	_____.	_____.
0098	611.0639 Inlet Covers Type H-S	24.000 EACH	_____.	_____.
0100	611.2004 Manholes 4-FT Diameter	5.000 EACH	_____.	_____.



Proposal Schedule of Items

Proposal ID: 20201110028 Project(s): 6424-03-70, 6424-03-80

Federal ID(s): WISC 2020556, N/A

SECTION: 0001

Contract Items

Alt Set ID:

Alt Mbr ID:

Proposal Line Number	Item ID Description	Approximate Quantity and Units	Unit Price	Bid Amount
0102	611.2005 Manholes 5-FT Diameter	2.000 EACH	_____.	_____.
0104	611.2006 Manholes 6-FT Diameter	3.000 EACH	_____.	_____.
0106	611.2008 Manholes 8-FT Diameter	1.000 EACH	_____.	_____.
0108	611.3004 Inlets 4-FT Diameter	13.000 EACH	_____.	_____.
0110	611.3230 Inlets 2x3-FT	21.000 EACH	_____.	_____.
0112	611.8120.S Cover Plates Temporary	7.000 EACH	_____.	_____.
0114	612.0902.S Insulation Board Polystyrene (inch) 01. 2-inch	290.000 SY	_____.	_____.
0116	618.0100 Maintenance And Repair of Haul Roads (project) 01. 6424-03-80	1.000 EACH	_____.	_____.
0118	619.1000 Mobilization	1.000 EACH	_____.	_____.
0120	624.0100 Water	41.000 MGAL	_____.	_____.
0122	625.0100 Topsoil	350.000 SY	_____.	_____.
0124	628.1504 Silt Fence	188.000 LF	_____.	_____.
0126	628.1520 Silt Fence Maintenance	188.000 LF	_____.	_____.
0128	628.1905 Mobilizations Erosion Control	4.000 EACH	_____.	_____.
0130	628.1910 Mobilizations Emergency Erosion Control	4.000 EACH	_____.	_____.
0132	628.2006 Erosion Mat Urban Class I Type A	350.000 SY	_____.	_____.



Proposal Schedule of Items

Proposal ID: 20201110028 Project(s): 6424-03-70, 6424-03-80

Federal ID(s): WISC 2020556, N/A

SECTION: 0001

Contract Items

Alt Set ID:

Alt Mbr ID:

Proposal Line Number	Item ID Description	Approximate Quantity and Units	Unit Price	Bid Amount
0134	628.7005 Inlet Protection Type A	39.000 EACH	_____.	_____.
0136	628.7015 Inlet Protection Type C	11.000 EACH	_____.	_____.
0138	628.7020 Inlet Protection Type D	28.000 EACH	_____.	_____.
0140	628.7560 Tracking Pads	2.000 EACH	_____.	_____.
0142	629.0210 Fertilizer Type B	0.240 CWT	_____.	_____.
0144	630.0140 Seeding Mixture No. 40	6.400 LB	_____.	_____.
0146	630.0500 Seed Water	7.800 MGAL	_____.	_____.
0148	632.0101 Trees (species) (size) (root) 01. Celtis Occidentalis 2-Inch B&B	2.000 EACH	_____.	_____.
0150	632.0101 Trees (species) (size) (root) 02. Ginkgo Biloba Princeton Sentry 2-Inch B&B	16.000 EACH	_____.	_____.
0152	632.0101 Trees (species) (size) (root) 03. Gleditsia Triacanthos Skyline 2-Inch B&B	3.000 EACH	_____.	_____.
0154	632.0101 Trees (species) (size) (root) 04. Gymnocladus Dioica Espresso 3-Inch B&B	4.000 EACH	_____.	_____.
0156	632.0101 Trees (species) (size) (root) 05. Ulmus Americana New Harmony 2-Inch B&B	4.000 EACH	_____.	_____.
0158	632.9101 Landscape Planting Surveillance and Care Cycles	6.000 EACH	_____.	_____.
0160	634.0814 Posts Tubular Steel 2x2-Inch X 14-FT	16.000 EACH	_____.	_____.
0162	637.2210 Signs Type II Reflective H	97.740 SF	_____.	_____.



Proposal Schedule of Items

Proposal ID: 20201110028 Project(s): 6424-03-70, 6424-03-80

Federal ID(s): WISC 2020556, N/A

SECTION: 0001

Contract Items

Alt Set ID:

Alt Mbr ID:

Proposal Line Number	Item ID Description	Approximate Quantity and Units	Unit Price	Bid Amount
0164	638.2602 Removing Signs Type II	83.000 EACH	_____.	_____.
0166	638.3000 Removing Small Sign Supports	14.000 EACH	_____.	_____.
0168	642.5001 Field Office Type B	1.000 EACH	_____.	_____.
0170	643.0300 Traffic Control Drums	4,855.000 DAY	_____.	_____.
0172	643.0410 Traffic Control Barricades Type II	2,265.000 DAY	_____.	_____.
0174	643.0420 Traffic Control Barricades Type III	4,342.000 DAY	_____.	_____.
0176	643.0705 Traffic Control Warning Lights Type A	3,942.000 DAY	_____.	_____.
0178	643.0900 Traffic Control Signs	4,872.000 DAY	_____.	_____.
0180	643.5000 Traffic Control	1.000 EACH	_____.	_____.
0182	644.1410 Temporary Pedestrian Surface Asphalt	3,190.000 SF	_____.	_____.
0184	644.1601 Temporary Pedestrian Curb Ramp	246.000 DAY	_____.	_____.
0186	646.1020 Marking Line Epoxy 4-Inch	3,260.000 LF	_____.	_____.
0188	646.3020 Marking Line Epoxy 8-Inch	30.000 LF	_____.	_____.
0190	646.5220 Marking Symbol Epoxy	4.000 EACH	_____.	_____.
0192	646.6020 Marking Stop Line Epoxy 12-Inch	230.000 LF	_____.	_____.
0194	646.7420 Marking Crosswalk Epoxy Transverse Line 6-Inch	1,247.000 LF	_____.	_____.



Proposal Schedule of Items

Proposal ID: 20201110028 Project(s): 6424-03-70, 6424-03-80

Federal ID(s): WISC 2020556, N/A

SECTION: 0001

Contract Items

Alt Set ID:

Alt Mbr ID:

Proposal Line Number	Item ID Description	Approximate Quantity and Units	Unit Price	Bid Amount
0196	646.8320 Marking Parking Stall Epoxy	2,976.000 LF	_____.	_____.
0198	650.4000 Construction Staking Storm Sewer	56.000 EACH	_____.	_____.
0200	650.4500 Construction Staking Subgrade	2,300.000 LF	_____.	_____.
0202	650.5000 Construction Staking Base	426.000 LF	_____.	_____.
0204	650.5500 Construction Staking Curb Gutter and Curb & Gutter	725.000 LF	_____.	_____.
0206	650.7000 Construction Staking Concrete Pavement	1,887.000 LF	_____.	_____.
0208	650.8500 Construction Staking Electrical Installations (project) 01. 6424-03-70	LS	LUMP SUM	_____.
0210	650.9000 Construction Staking Curb Ramps	38.000 EACH	_____.	_____.
0212	650.9910 Construction Staking Supplemental Control (project) 01. 6424-03-70	LS	LUMP SUM	_____.
0214	650.9920 Construction Staking Slope Stakes	2,300.000 LF	_____.	_____.
0216	652.0205 Conduit Rigid Nonmetallic Schedule 40 3/4-Inch	631.000 LF	_____.	_____.
0218	652.0225 Conduit Rigid Nonmetallic Schedule 40 2-Inch	6,053.000 LF	_____.	_____.
0220	652.0235 Conduit Rigid Nonmetallic Schedule 40 3-Inch	846.000 LF	_____.	_____.
0222	653.0164 Pull Boxes Non-Conductive 24x42-Inch	31.000 EACH	_____.	_____.
0224	653.0905 Removing Pull Boxes	8.000 EACH	_____.	_____.



Proposal Schedule of Items

Proposal ID: 20201110028 Project(s): 6424-03-70, 6424-03-80

Federal ID(s): WISC 2020556, N/A

SECTION: 0001

Contract Items

Alt Set ID:

Alt Mbr ID:

Proposal Line Number	Item ID Description	Approximate Quantity and Units	Unit Price	Bid Amount
0226	655.0610 Electrical Wire Lighting 12 AWG	5,593.000 LF	_____.	_____.
0228	655.0615 Electrical Wire Lighting 10 AWG	2,763.000 LF	_____.	_____.
0230	655.0625 Electrical Wire Lighting 6 AWG	18,930.000 LF	_____.	_____.
0232	655.0630 Electrical Wire Lighting 4 AWG	22,185.000 LF	_____.	_____.
0234	656.0400 Electrical Service Main Lugs Only Meter Pedestal (location) 01. STA 499+52 22.3' RT	LS	LUMP SUM	_____.
0236	690.0150 Sawing Asphalt	610.000 LF	_____.	_____.
0238	690.0250 Sawing Concrete	9,727.000 LF	_____.	_____.
0240	715.0415 Incentive Strength Concrete Pavement	2,900.000 DOL	1.00000	2,900.00
0242	715.0710 Optimized Aggregate Gradation Incentive	5,928.000 DOL	1.00000	5,928.00
0244	740.0440 Incentive IRI Ride	1,200.000 DOL	1.00000	1,200.00
0246	999.1500.S Crack and Damage Survey	LS	LUMP SUM	_____.
0248	ASP.1T0A On-the-Job Training Apprentice at \$5.00/HR	2,000.000 HRS	5.00000	10,000.00
0250	ASP.1T0G On-the-Job Training Graduate at \$5.00/HR	1,260.000 HRS	5.00000	6,300.00
0252	SPV.0060 Special 01. Inlet Covers Type H-D	2.000 EACH	_____.	_____.
0254	SPV.0060 Special 02. Residential Manholes	6.000 EACH	_____.	_____.



Proposal Schedule of Items

Proposal ID: 20201110028 Project(s): 6424-03-70, 6424-03-80

Federal ID(s): WISC 2020556, N/A

SECTION: 0001

Contract Items

Alt Set ID:

Alt Mbr ID:

Proposal Line Number	Item ID Description	Approximate Quantity and Units	Unit Price	Bid Amount
0256	SPV.0060 Special 03. Manholes 10-FT Diameter	1.000 EACH	_____.	_____.
0258	SPV.0060 Special 04. Inlets 5-FT Diameter	4.000 EACH	_____.	_____.
0260	SPV.0060 Special 05. Inlets 6-FT Diameter	1.000 EACH	_____.	_____.
0262	SPV.0060 Special 06. Decorative Paver	16.000 EACH	_____.	_____.
0264	SPV.0060 Special 07. Sanitary Sewer Manhole 4-FT Diameter w/Casting	4.000 EACH	_____.	_____.
0266	SPV.0060 Special 08. Sanitary Sewer Manhole 5-FT Diameter w/Casting and Outside Drop	1.000 EACH	_____.	_____.
0268	SPV.0060 Special 09. Connect to Existing Sanitary Sewer Main	5.000 EACH	_____.	_____.
0270	SPV.0060 Special 10. Connect to Existing Sanitary Sewer Manhole	1.000 EACH	_____.	_____.
0272	SPV.0060 Special 11. Connect to Existing Sanitary Force Main	1.000 EACH	_____.	_____.
0274	SPV.0060 Special 12. Connect to Existing Sanitary Temporary Manhole Connection	3.000 EACH	_____.	_____.
0276	SPV.0060 Special 13. Connect to Existing Sanitary Sewer Service	60.000 EACH	_____.	_____.
0278	SPV.0060 Special 14. Sanitary Sewer Wye, 10-inch x 6-inch	60.000 EACH	_____.	_____.
0280	SPV.0060 Special 15. Exploratory Excavation	10.000 EACH	_____.	_____.
0282	SPV.0060 Special 16. Reconstruct Sanitary Manhole	3.000 EACH	_____.	_____.



Proposal Schedule of Items

Proposal ID: 20201110028 Project(s): 6424-03-70, 6424-03-80

Federal ID(s): WISC 2020556, N/A

SECTION: 0001

Contract Items

Alt Set ID:

Alt Mbr ID:

Proposal Line Number	Item ID Description	Approximate Quantity and Units	Unit Price	Bid Amount
0284	SPV.0060 Special 17. Coal Chute/Window Wall Repair	12.000 EACH	_____.	_____.
0286	SPV.0060 Special 18. Remove Existing Gate Valve and Box	10.000 EACH	_____.	_____.
0288	SPV.0060 Special 19. Remove Existing Hydrant and Lead	6.000 EACH	_____.	_____.
0290	SPV.0060 Special 20. Cut Into and Connect to Existing Water Main	11.000 EACH	_____.	_____.
0292	SPV.0060 Special 21. Connect to Existing Water Main	1.000 EACH	_____.	_____.
0294	SPV.0060 Special 22. Lower Water Main	4.000 EACH	_____.	_____.
0296	SPV.0060 Special 23. Gate Valve and Box 6-Inch	5.000 EACH	_____.	_____.
0298	SPV.0060 Special 24. Gate Valve and Box 8-Inch	7.000 EACH	_____.	_____.
0300	SPV.0060 Special 25. Gate Valve and Box 12-Inch	11.000 EACH	_____.	_____.
0302	SPV.0060 Special 26. Hydrant 8.5-FT Bury Depth	5.000 EACH	_____.	_____.
0304	SPV.0060 Special 27. Connect to Existing Water Service	50.000 EACH	_____.	_____.
0306	SPV.0060 Special 28. Corporation Stop 1-inch	50.000 EACH	_____.	_____.
0308	SPV.0060 Special 29. Curb Stop and Box 1-inch	50.000 EACH	_____.	_____.
0310	SPV.0060 Special 30. Concrete Bases Type Special	29.000 EACH	_____.	_____.
0312	SPV.0060 Special 31. Concrete Control Cabinet Bases Type Special	1.000 EACH	_____.	_____.



Proposal Schedule of Items

Proposal ID: 20201110028 Project(s): 6424-03-70, 6424-03-80

Federal ID(s): WISC 2020556, N/A

SECTION: 0001

Contract Items

Alt Set ID:

Alt Mbr ID:

Proposal Line Number	Item ID Description	Approximate Quantity and Units	Unit Price	Bid Amount
0314	SPV.0060 Special 32. Lighting Control Cabinet Type Special	1.000 EACH	_____.	_____.
0316	SPV.0060 Special 33. Removing Lighting Control Cabinet	1.000 EACH	_____.	_____.
0318	SPV.0060 Special 34. Remove Bollard	29.000 EACH	_____.	_____.
0320	SPV.0060 Special 35. Lighting Unit Type Special	29.000 EACH	_____.	_____.
0322	SPV.0060 Special 36. Receptical Stanchion	29.000 EACH	_____.	_____.
0324	SPV.0085 Special 01. Water Main Fittings	2,608.000 LB	_____.	_____.
0326	SPV.0090 Special 01. Railing	52.000 LF	_____.	_____.
0328	SPV.0090 Special 02. Concrete Curb & Gutter 24-Inch Type D	81.000 LF	_____.	_____.
0330	SPV.0090 Special 03. Sanitary Force Main 2-inch SDR 21 PVC	74.000 LF	_____.	_____.
0332	SPV.0090 Special 04. Sanitary Sewer Service 6-inch PVC	2,640.000 LF	_____.	_____.
0334	SPV.0090 Special 05. Sanitary Sewer Main 8-inch	119.000 LF	_____.	_____.
0336	SPV.0090 Special 06. Sanitary Sewer Main 10-inch	1,386.000 LF	_____.	_____.
0338	SPV.0090 Special 07. Sanitary Sewer Main 15-inch	91.000 LF	_____.	_____.
0340	SPV.0090 Special 08. Televise Sanitary Sewer	1,574.000 LF	_____.	_____.
0342	SPV.0090 Special 09. Remove Existing Sanitary Sewer Main	1,460.000 LF	_____.	_____.



Proposal Schedule of Items

Proposal ID: 20201110028 Project(s): 6424-03-70, 6424-03-80

Federal ID(s): WISC 2020556, N/A

SECTION: 0001

Contract Items

Alt Set ID:

Alt Mbr ID:

Proposal Line Number	Item ID Description	Approximate Quantity and Units	Unit Price	Bid Amount
0344	SPV.0090 Special 10. Water Main C900 6-inch	99.000 LF	_____.	_____.
0346	SPV.0090 Special 11. Water Main C900 8-inch	374.000 LF	_____.	_____.
0348	SPV.0090 Special 12. Water Main C900 12-inch	1,559.000 LF	_____.	_____.
0350	SPV.0090 Special 13. Water Service 1-inch	2,420.000 LF	_____.	_____.
0352	SPV.0090 Special 14. Salvage Trolley Car Rail	1,294.000 LF	_____.	_____.
0354	SPV.0090 Special 15. Storm Sewer Pipe PVC 6-Inch	129.000 LF	_____.	_____.
0356	SPV.0090 Special 16. Removing Cables & Conduit	2,433.000 LF	_____.	_____.
0358	SPV.0105 Special 01. Maintain Water Service During Construction	LS	LUMP SUM	_____.
0360	SPV.0105 Special 02. Soil Cell System - Stage 1	LS	LUMP SUM	_____.
0362	SPV.0105 Special 03. Soil Cell System - Stage 2	LS	LUMP SUM	_____.
0364	SPV.0165 Special 01. Salvaged Brick Pavers	130.000 SF	_____.	_____.
0366	SPV.0180 Special 01. Concrete Pavement HES 7-Inch	516.000 SY	_____.	_____.
0368	SPV.0200 Special 01. Sanitary Manhole Excess Depth 4-FT Diameter	7.600 VF	_____.	_____.
0370	SPV.0200 Special 02. Sanitary Manhole Excess Depth 5-FT Diameter	9.900 VF	_____.	_____.
0372	465.0125 Asphaltic Surface Temporary	170.000 TON	_____.	_____.



Proposal Schedule of Items

Proposal ID: 20201110028 Project(s): 6424-03-70, 6424-03-80

Federal ID(s): WISC 2020556, N/A

SECTION: 0001

Contract Items

Alt Set ID:

Alt Mbr ID:

Proposal Line Number	Item ID Description	Approximate Quantity and Units	Unit Price	Bid Amount
0374	608.3615 Storm Sewer Pipe Class III-B 15-Inch	361.000 LF	_____.	_____.
0376	608.3618 Storm Sewer Pipe Class III-B 18-Inch	55.000 LF	_____.	_____.
0378	608.3624 Storm Sewer Pipe Class III-B 24-Inch	316.000 LF	_____.	_____.
0380	608.3630 Storm Sewer Pipe Class III-B 30-Inch	257.000 LF	_____.	_____.
0382	608.3636 Storm Sewer Pipe Class III-B 36-Inch	341.000 LF	_____.	_____.
0384	SPV.0060 Special 37. Remove Existing Tree Grate and Frame	18.000 EACH	_____.	_____.
Section: 0001			Total:	_____.
			Total Bid:	_____.

