

HIGHWAY WORK PROPOSAL

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

Proposal Number: **018**

<u>COUNTY</u>	<u>STATE PROJECT</u>	<u>FEDERAL</u>	<u>PROJECT DESCRIPTION</u>	<u>HIGHWAY</u>
Racine	2440-09-70	WISC 2020539	Washington Ave, City Of Racine; Roosevelt Ave To West Blvd	STH 020

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: \$280,000.00 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 October 15, 2022	SAMPLE NOT FOR BIDDING PURPOSES This contract is exempt from federal oversight.
Assigned Disadvantaged Business Enterprise Goal 15%	

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)

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

(Date Commission Expires)

Notary Seal

(Bidder Signature)

(Print or Type Bidder Name)

(Bidder Title)

Type of Work: Grade, Storm Sewer, Base, Concrete Pavement, Asphalt Pavement, Curb & Gutter, Sidewalk, Signals, Lighting, Signing, Landscaping, Pavement Marking	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)
) ss.
_____ County)

State of Wisconsin)
) ss.
_____ County)

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.

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STSP'S Revised June 29, 2020

SPECIAL PROVISIONS

1. General.

Perform the work under this construction contract for Project Washington Avenue, City of Racine from Roosevelt Avenue to West Boulevard, STH 20, Racine 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, grading, concrete pavement, concrete curb and gutter, sidewalk, storm sewer laterals, decorative and standard street lighting, permanent and temporary traffic signals, permanent signing, landscape and streetscape, and pavement marking and all incidental items necessary to complete the work as shown on the plans and included in the proposal and contract.

104-005 (20090901)

3. Prosecution and Progress.

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

Provide the start date to the engineer in writing within a month after executing the contract but at least 14 calendar days before the preconstruction conference. Upon approval, the engineer will issue the notice to proceed within 10 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.

Conform to the schedule of operations for the construction staging as shown in the plan. Do not move operations within the proposed construction staging unless modifications to the staging and schedule are approved in writing by the engineer.

Contractor Coordination

Have a superintendent or designated representative for the prime contractor on the job site during all work operations, including periods limited to only subcontractor work operations, to serve as a primary contact person and to coordinate all work operations.

Conduct and attend weekly scheduling meetings to discuss the near-term schedule activities, address any long-term schedule issues, and discuss any relevant technical issues. Develop a rolling three-week schedule identifying the previous week worked and a two week "look ahead." Provide sufficient detail to include actual and planned activities and all the subcontractors for offsite and construction activities, addressing all activities to be performed and identifying issues requiring engineering action or input. The contractor's superintendent or representative and designated materials representative shall attend. Subcontractors shall be in attendance at the weekly progress meetings if identified on the two week "look ahead."

Agenda items at the meeting shall include, but not be limited to, the following:

- Review of the contractor's and subcontractors' schedule. Indicate if the project is on, ahead or behind schedule. If behind indicate why, how much behind and how the project will get back on schedule.
- Utility conflicts and relocation schedule.

- Evaluation of progress to date.
- Outstanding Requests for Information (RFIs) or issues that may cause contract modifications.
- Shop drawing submittal status.
- Materials submittal status.
- Materials sampling and testing activities and results.
- Closure/detour schedules.
- Impacts to businesses and private properties.
- Impacts to bus routes, emergency services, postal services.
- Equipment status of orders and deliveries.

Based on the weekly progress meeting, if the engineer requests a new revised schedule, submit it according to standard spec 108.4. Failure to submit a revised schedule shall result in the engineer holding pay requests according to standard spec 108.4.

Do not close consecutive side streets at the same time without prior approval of the engineer. Coordinate side street closure with the City of Racine. Contact John C. Rooney, City Engineer at (262) 636-9460.

Do not proceed to a following construction stage until all work in the current stage is completed, including, but not limited to, temporary pavement, concrete pavement, pertinent signing, and all required traffic control devices and temporary and/or permanent pavement marking.

Do not remove from service residential or commercial driveways without sufficient notice given to tenants and/or property owners. Sufficient notice is defined as contacting 48 hours prior to removing a driveway from service. Work on the approach of driveways that are wider than 20 feet shall be staged to maintain access to the residential or commercial properties that have only one access. Close only one driveway at a time on the properties that have multiple driveways. If the contractor wishes to make other arrangements regarding driveway maintenance, these arrangements shall be agreed to in writing and signed by the prime contractor and property owner of the affected driveway. Provide a copy of the signed written agreement to the engineer.

The contractor is advised that there may be multiple mobilizations for such items as traffic control, temporary pavement marking, pavement marking, erosion control, topsoil, asphaltic surface temporary, lighting, seeding/sodding, mulching, fertilizer, drainage items, clearing and grubbing, and other incidental items related to staging required to complete the work under this contract. No additional payment will be made by the department for said mobilizations.

Submit all traffic control change requests to the engineer at least seven days prior to an actual traffic control change. A request does not constitute approval. Provide 14-day look ahead schedule to the engineer.

Contact the United States Postal Service postmaster one week prior to beginning construction operations. Contractor shall provide, as needed, temporary mail boxes for residents and businesses within the project corridor. Coordinate with Mr. Mario K. Ambrose, Postmaster, United States Postal Service, Racine County at 1 (800) 275-8777. Cost of providing temporary mail boxes is incidental to the project.

The contractor is advised that some trees, signs, fences, retaining walls within the Temporary Limited Easement (TLE) shown on the plans are to remain, do not remove them without the approval of the engineer and without contacting the property owner.

Follow the construction detail included on the plan for excavation in front of the utility poles located within 2 feet from back of proposed curb and gutter.

Pedestrian access to businesses within West Racine (Blaine Avenue to West Boulevard) must be maintained during business hours.

Maintain existing lighting on north side of Washington Avenue during Stage 1 construction. Use new lighting constructed in Stage 1 for lighting during Stage 2 construction.

Construct curb ramp and driveway according to the information provided on the plans. Some curb ramps and driveways may not meet the current Standard Detail Drawing (SDD) standard.

Submit shop drawings for signal poles and arms to the engineer within five calendar days after executing the contract. Order signal poles and arms within two business days after engineer's approval.

Wisconsin Department of Transportation (WisDOT) has signals on STH 31 which is part of the detour route and will require timing changes. Contact WisDOT Signals Operation at (414) 750-2605 at least five days prior to implementing the detour route.

City of Racine has signals on 21st St, Taylor Ave, and Kenzie Ave, which is part of the detour route and will require timing changes. Contact Ara Molitor, Interim City Engineer at (262) 636-9487 at least five days prior to implementing the detour route.

Interim Completion of Work

Complete construction operations on Washington Avenue (STH 20) with the exception of the landscape planting surveillance and care cycles prior to 12:01 AM, Tuesday, November 30, 2021.

If the contractor fails to complete all contract works with the exception of the landscape planting surveillance and care cycles prior to 12:01 AM, Tuesday, November 30, 2021, the department will assess the contractor \$1,985 in interim liquidated damages for each calendar day that this work remains incomplete after 12:01 AM, Tuesday, November 30, 2021. An entire calendar day will be charged for any period of time within a calendar day that the work remains incomplete beyond 12:01 AM.

Northern Long-eared Bat (*Myotis septentrionalis*)

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

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

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

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

4. Traffic.

General

Keep Washington Avenue (STH 20), on which this project is located, open to through vehicular traffic throughout the project length. Conduct construction operations in a manner that will cause the least interference to traffic movements, business, and residential access adjacent and within the construction areas.

The construction sequence, including the associated traffic control, shall be substantially accomplished as detailed in the Traffic Control Plans, and as described herein.

Utilize flaggers, signs, barricades, and drums as may be necessary to safeguard and direct traffic at all locations where construction operations may interfere with or restrict the smooth flow of traffic.

Do not park or store equipment, vehicles or construction materials within the clear zone (2 feet from the face of curb) on any roadway carrying traffic during non-working hours except at locations and periods of time approved by the engineer.

Maintain emergency vehicular access at all times to all roadways located along Washington Avenue (STH 20).

Pre-Stage 1:

Reduce eastbound Washington Avenue traffic to one lane within the limits of proposed temporary pavement construction. Reduce eastbound and westbound Washington Avenue traffic to one lane from West Boulevard to Deane Boulevard.

Construct temporary pavement west of Roosevelt Avenue, at Ohio Street intersection, and between West Boulevard and Deane Boulevard.

Stage 1, 1A, and 1B:

Eastbound Washington Avenue traffic will use the existing westbound lane. Maintain one 11-foot travel lane in each direction and a two-way-left-turn-lane (TWLTL) from Sycamore Avenue to Ohio Street. Maintain one 11-foot travel lane in eastbound direction on existing westbound lanes from Ohio Street to West Boulevard. Detour westbound Washington Avenue traffic as shown in the detour plans. Prior to closing westbound Washington Avenue from West Boulevard to Ohio Street implement the detour route as shown on the plans. Maintain local access on Washington Avenue at all times or as directed by the engineer.

Close alternate side streets on southside of Washington Avenue to through traffic as shown on the plans during Stage 1. Open to traffic all side streets that were closed during Stage 1 during Stages 1A and 1B. Sequence side road construction as shown on the plan or as directed by the engineer.

Stage construction operations at Ohio Street and West Boulevard intersections to maintain all movements on a paved surface.

Move eastbound traffic to eastbound lanes west of Sycamore Avenue.

Construct pavement, curb and gutter, sidewalk, street lighting, traffic signal, and storm sewer laterals and structures on eastbound side of Washington Avenue from Roosevelt Avenue to Deane Boulevard.

Construct any median side curb and gutters that will not conflict with traffic control in Stages 2 and 3.

Detour pedestrians on Ohio Street as shown on the plan. Maintain pedestrian accommodation on one side of Washington Avenue at all times.

Detour West Boulevard during Stage 1A as shown on West Boulevard detour plan.

Detour northbound West Boulevard during string lining and paving operations for a maximum of three consecutive days during Stage 1. Pave northbound lanes.

Stage 1A: Construct westbound lanes of Washington Avenue from West Boulevard to 12th Street and southbound lanes of Ohio Street within the project limits.

Stage 1B: Construct eastbound lanes of Washington Avenue from West Boulevard to Deane Boulevard, northbound lanes of West Boulevard within the project limits, and southbound lanes of 12th Street as shown on the plan.

Detour southbound West Boulevard during string lining and paving operations for a maximum of three consecutive days during Stage 1B. Pave southbound lanes.

Stage 2 and 2A:

Westbound Washington Avenue traffic will use new pavement on eastbound side of Washington Avenue. Maintain one 11-foot travel lane in each direction from Roosevelt Avenue to Ohio Street.

Close alternate side streets on northside of Washington Avenue to through traffic as shown on the plans during Stage 2. Open to traffic all side streets that were closed during Stage 2 during Stage 2A. Sequence side road construction as shown on the plan or as directed by the engineer.

Move westbound traffic to westbound lanes west of Sycamore Avenue.

Construct pavement, curb and gutter, sidewalk, street lighting, traffic signal, and storm sewer laterals and structures on westbound side of Washington Avenue from Roosevelt Avenue to Deane Boulevard.

Construct any median side curb and gutters that will not conflict with traffic control in Stages 2 and 3.

Stage 2A: Construct eastbound lanes at the middle of Ohio Street intersection.

Stage 3:

Move westbound Washington Avenue traffic to new pavement on westbound side of Washington Avenue. Maintain one travel lane in each direction from Sycamore Avenue to Ohio Street. Open all travel lanes to traffic from Illinois Street to Deane Boulevard.

Construct pavement, curb and gutter, median, and storm sewer laterals and structures within median area along Washington Avenue from Sycamore Avenue to Ohio Street.

Perform traffic control according to the plans and standard detail drawings.

Wisconsin Lane Closure System Advance Notification

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

TABLE 108-1 CLOSURE TYPE AND REQUIRED MINIMUM ADVANCE NOTIFICATION

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

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

5. Holiday Work Restrictions.

Do not perform work on, nor haul materials of any kind along or across any portion of the highway carrying Washington Avenue (STH 20) traffic, and entirely clear the traveled way and shoulders of such portions of the highway of equipment, barricades, signs, lights, and any other material that might impede the free flow of traffic during the following holiday periods:

- From noon Friday, May 28, 2021 to 6:00 AM, Tuesday, June 1, 2021 for Memorial Day;
- From noon Friday, July 2, 2021 to 6:00 AM, Tuesday, July 6, 2021 for Independence Day;
- From noon Friday, September 3, 2021 to 6:00 AM, Tuesday, September 7, 2021 for Labor Day;
- From noon Wednesday, November 24, 2021 to 6:00 AM, Monday, November 29, 2021 for Thanksgiving;
- From noon Thursday, December 23, 2021 to 6:00 AM, Monday, January 3, 2021 for Christmas and New Year's Day.

stp-107-005 (20181119)

6. Utilities.

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

stp-107-066 (20080501)

There are underground or overhead utility facilities within three feet of the proposed concrete curb and gutter.

Additional information regarding recently relocated utility facilities may be available on permits issued to the utility companies. These permits can be viewed at the City Hall, City of Racine during normal working hours. Contact the Utility Coordinator Denise Rosenthal at (262) 548-8733 for further information.

Underground and overhead utility facilities are located within the project limits. Utility adjustments are required for this construction project as noted below. Coordinate construction activities with a call to Diggers Hotline or a direct call to the utilities that have facilities in the area as required per statutes. Use caution to ensure the integrity of underground facilities and maintain code clearances from overhead facilities at all times.

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. Follow-up with a confirmation notice to the engineer and the utility not less than 3 working days before the site will be ready for the utility to begin its work.

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

Known utilities in the project are as follows:

AT&T Local Network has underground and overhead communication facilities within the project limits.

AT&T Local Network has aerial facilities along West Blvd. on We-Energies (WE) poles. WE to replace poles, AT&T Local Network will transfer once new poles are placed.

AT&T Local Network has underground facilities crossing West Blvd at Station 16+50W. Conflict is not anticipated, if the conflict is discovered in the field contact Jennifer G. Navarro at (414) 651-0036 immediately. AT&T Local network or the contractor selected by AT&T Local Network will complete the relocation within 10 business days after AT&T Local Network is notified about the conflict.

Charter Communications has underground and overhead communication facilities within the project limits.

Charter will transfer their facilities to new WE Energies poles as needed. Charter intends to complete their relocation within 60 working days prior to construction providing the following conditions can be met:

WE Energies places new poles as described in the preliminary sketch provided to Charter.

Field Contact: Neal Long, (414) 277-4271, neal.long@charter.com.

City of Racine Sewer has underground sanitary sewer facilities within the project limits.

Sanitary sewer manhole cover adjustment will be done as a part of the project during construction to bring existing castings up to finished grade.

Field Contact: Ara Molitor, (262) 636-9487, ara.molitor@cityofracine.org.

Crown Castle has overhead communication facilities within the project limits.

Crown Castle will be relocating its overhead facilities onto the WE Energies utility poles that are also slated for relocation.

Crown Castle intends to relocate its facilities in tandem with WE Energies' relocation plans and conclude their relocation prior to the start of construction for this project.

Filed Contact: Mark Mayzure, (847) 257-5561, Mark.Mayzure@crowncastle.com.

Racine Wastewater has interceptor sewers along the entire length of the project.

Relocation or replacement of manholes and mainline sewers is not anticipated. Manhole field adjustments will be done as a part of the project during construction to meet new pavement grades.

Field Contact: Keith Haas, (262) 636-9434, keith.haas@cityofracine.org.

Midwest Fiber Networks (MWFN) has aerial and underground facilities throughout sections of the project.

MWFN has UG facilities on the West end of the project on the southside of STH 20 from Station 98+60 to Station 105+00. The duct will be abandoned in place as MWFN will be relocating the line aerially to the northside of STH 20. There will be aerial transfer work along Perry Avenue from Station 12+00 to Station 15+50 once WE Energies has set their new poles. On the East end of the project, at West Blvd and

STH 20, MWFN has requested easement space w/WE to allow for transfer of our aerial facilities. WE and any other attacher above MWFN will need to complete their work prior to starting MWFN's relocation.

Aerial transfer work is dependent on WE and any other attacher above MWFN to complete their work prior to starting MWFN's relocation.

Any aerial transfers during construction will be completed by Midwest Fiber Networks (MWFN). Relocation is anticipated to be completed within 14 business days once MWFN receives notification from WE Energies that MWFN are able to transfer.

Field Contact: Cory Schmuki, (414) 459-3561, cschmuki@midwestfibernetworks.com.

Racine Water Works Commission has underground water main along the entire length of the project.

Water main replacement from Station 98+60 to Station 171+40 will be completed by the City of Racine prior to construction within 90 working days. Anticipated start date is July 2020.

Field Contact: Chad Regalia, (262) 497-4611, chad.regalia@cityofracine.org.

WE Energies-Electric has underground and overhead electric facilities parallel to and across STH 20 within the project limits.

Work to be completed prior to construction:

We Energies Electric anticipates completing relocation within 100 working days. Anticipated start date is November 2020. Relocations and adjustments of We Energies electric facilities will be constructed as indicated on the following list for poles and anchors (WR 4363652). Highway stationing has been used where possible to locate existing and new facilities.

Approximate Station No.	Sequence No.	Pole No.	Work Proposed
98+61.5, 39' LT	105	69-24359	Remove pole and double circuit framing.
99+58.9, 39' LT	115	54-2895	Remove pole and double circuit framing.
101+81.2, 39' LT	135	E63-8694	Remove pole and double circuit framing.
102+91.9, 39' LT	145	E63-8693	Remove pole and double circuit framing.
104+20.2, 39' LT	155	E63-8689	Remove pole and double circuit framing.
105+22.7, 38' LT	165	E64-15850	Remove pole and guying.
106+21.6, 38' LT	175	E64-15849	Remove pole, framing.
104+30.0, 131' LT	185	48-585	Remove pole and guying.
106+18.3, 125' LT	177	E59-15586	Remove pole and transformer.
106+13.8, 269' LT	179	E59-16586	Remove pole.
106+58.0, 38' LT	195	---	Remove guy pole.
104+88.1, 70' RT	205	63-8696	Remove pole and transformer.
106+21.0, 58' RT	225	E63-8687	Remove guy pole.
104+90.0, 147' RT	215	E63-8701	Remove pole and transformer.
99+91.6, 63' RT	235	00-30247	Remove guy pole.
114+02.0, 90' LT	245	61-4398	Remove pole and transformer.
114+03.3, 191' LT	255	62-4223	Remove pole.
113+94.2, 76' RT	265	97-08511	Remove pole.
113+89.2, 166' RT	275	61-4400	Remove pole and transformer.
140+47.6, 39' LT	285	49-4414	Remove pole.
140+50.0, 67' RT	295	49-4359	Remove pole.
140+50.0, 149' RT	305	36-3395	Remove pole and double circuit framing.
140+47.4, 169' LT	315	49-4368	Remove corner pole.
166+43.7, 59' LT	325	92-18339	Remove pole and double circuit framing.
166+31.2, 149' LT	335	55-5119	Remove guy pole.
167+44.6, 135' RT	345	72-0312	Remove pole and double circuit framing.

Approximate Station No.	Sequence No.	Pole No.	Work Proposed
98+59.6, 39' LT	100	20__1	Install new pole, double circuit framing.
99+56.9, 39' LT	110	20__2	Install new pole, double circuit framing.
101+89.2, 39' LT	130	20__3	Install new pole, double circuit framing.
102+91.9, 39' LT	140	20__4	Install new pole, double circuit framing.
104+23.7, 39' LT	150	20__5	Install new pole, double circuit framing, pole guy.
105+20.7, 38' LT	160	20__6	Install new pole, guying.
106+23.6, 38' LT	170	20__7	Install new pole, pole guy.
106+19.0, 133' LT	176	20__8	Install new pole, transformer.
106+15.0, 266' LT	178	20__9	Install new pole.
104+30.0, 128' LT	180	20__10	Install new guy pole.
106+55.0, 38' LT	190	20__11	Install new guy pole.
104+86.2, 94' RT	200	20__12	Install new pole, double circuit framing, and transformer.
104+90.0, 152' RT	210	20__13	Install new pole, double circuit framing, and transformer.
106+23.0, 58' RT	220	20__14	Install new pole, pole guy.
99+62.0, 69' RT	230	20__15	Install new pole, pole guy.
114+04.0, 92' LT	240	20__16	Install new pole, transformer.
114+05.3, 189' LT	250	20__17	Install new pole, guying.
113+93.8, 84' RT	260	20__18	Install new pole.
113+88.2, 163' RT	270	20__19	Install new pole, transformer.
140+47.6, 59' LT	280	20__20	Install new pole.
140+50.0, 64' RT	290	20__21	Install new pole.
140+48.0, 150' RT	300	20__22	Install new pole, double circuit framing.
140+49.4, 167' LT	310	20__23	Install new pole.
166+31.8, 70' LT	320	20__24	Install new pole, double circuit framing.
166+22.4, 147' LT	330	20__25	Install new pole.
167+34.7, 134' RT	340	20__26	Install new pole, double circuit framing.
165+91.0, 80' LT	350	20__27	Install new guy pole.

Work to be completed during construction:

New pole points 120 (Station 100+95.6 38' LT), 160 (Station 105+24.7 36.5' LT), 170 (Station 106+23.6 36.5' LT), and 190 (Station 106+60.0 36.5' LT) will need to be installed at time of construction due to being replaced partially in existing roadway. Please coordinate installation time of construction with We Energies Brenda Gunnink (414) 944-5653 or John Miller (414) 944-5679.

The electric manholes listed below will be adjusted by We Energies crews only. A 10 day notice is required to make these adjustments. Manhole adjustments will be completed within two working days per manhole by We Energies crews or a contractor designated by We-Energies. The contact is Zach St Martin at (414) 540-5782 (office) or (414) 858-6284 (cell).

- MH74-292, approximately Station 165+35 35' LT
- MH812, approximately Station 168+83 227' LT
- MH811, approximately Station 171+30 20' LT

Notify We Energies three weeks before sewer construction starts to install cribbing/support. Cribbing/support will be needed at the following locations:

- Pole No. 02-22189, approximately Station 100+92 39' LT
- New pole at pt 150, approximately Station 104+23.7 39' LT
- Pole No. 55-5119, approximately Station 166+68 156' LT 156'

Please contact Troy Nealey: (414) 944-5547 or (414) 322-4661 (cell) three weeks prior to storm sewer construction.

Field Contact: Troy Nealey, (414) 944-5547 or (414) 322-4661 (cell).

We Energies-Gas has underground gas facilities parallel and across STH 20 within the project limits in the following locations:

Relocations and adjustments of We Energies facilities will be constructed prior to construction per the work requests: WR 4398370 and WR 4376623 (Completed ahead of Perry Avenue water main project). We Energies Gas anticipates completing the relocations within 95 working days. Anticipated start date is August 2020.

Highway stationing has been used where possible to locate new facilities.

- Installing 4" P.E., 58' RT from Stations 101+60 to 104+30. (WR 4376623).
- 4" P.E. main crossing Washington Avenue at Station 104+30 (WR 4376623).
- 4" ST installed 41' LT from Stations 104+30 to 108+32. 4" P.E. will cross STH 20 at this location. (WR 4376623).

Work to be performed on WR # 4398370.

- 4" P.E. will be installed 62' RT from 108+32 to 112+00. 4" P.E. will vary from 62' RT to 65' RT from Stations 112+00 to 112+93.
- 4" P.E. will be installed from Stations 14+00 to 14+60. Main will be installed 50' LT on Ohio Street.
- 4" P.E. will be installed from Stations 112+93 to 114+30. Main crosses Ohio street at an angle at approximately Station 14+60. Main will be approximately 35' RT and tie in to the existing main at Station 114+30.
- 2" P.E. crossing STH 20 at Station 137+20. Main will be installed 39' RT from Stations 11+18 to 12+10.
- 10" steel main will be installed on Lathrop Avenue from Stations 12+84 to 14+66, 15' LT.
- 4" P.E. main crossing Lathrop Avenue at approximately Station 14+20. Main will tie into our newly installed 10" steel 15' LT on Lathrop Avenue and head east on Washington Avenue from Stations 140+09 to 146+50, approximately 19' LT. 4" p. e. main will offset to 23' LT from Stations 146+20 to 146+85, to avoid proposed storm M.H. # 29.0. 4" P. E. main will continue east on Washington Avenue from Station 146+85 to Station 157+25 approximately 19' LT. At Station 157+25 main will offset to 21' LT to Station 160+00 (to avoid storm structure 35.1). At Station 160+00, main will offset back to approximately 19' LT until Station 165+40 where it terminates.
- 4" P.E. will be installed 32' RT on Washington Avenue from Stations 139+70 to 140+08. (Ties into the proposed 10" steel).
- 2" P.E. main crossing Washington Avenue near West Lawn Avenue at Station 147+18 from Stations 11+10 to 12+10, 27' LT. 2" P.E. main crosses West Lawn Avenue at Station 12+10.
- 2" P.E. main will be installed on Cleveland Avenue from Stations 11+64 to 12+10 28' LT where it ties into the existing main.
- 2" P.E. main will be installed on Arthur Avenue from Stations 11+65 to 12+05, 28' LT. where it ties into the existing main.
- 4" P.E. main installed 13' LT on Blaine Avenue from Station 11+69 to 12+20, where it ties into our existing main 9' LT.
- 4" P.E. installed from Stations 11+00 to 11+69, 23' LT. Main ties into our existing main at approximately Station 10+85, and crosses Washington Avenue at Station 156+81.
- 2" P.E. installed on Grove Avenue from Stations 11+68 to 12+42, 25' LT.

The proposed 15" storm sewer from proposed structure 8.3 to 8.0 crosses a 16" 300 p.s.i. steel gas main. Storm sewer pipes from structure 8.3 to 8.4 and 12.2 to 8.0 also cross this 16", 300 p.s.i. main. Proposed Storm structure 8.4 is very close to our 16" 300 p.s.i. main. This main was installed in 2014 and due the

complexity and expense We Energies will not be relocating it. It is believed to be under the proposed storm work. Extreme care must be used installing the proposed storm sewers and structures. When the contractor is working within 5 feet of the 16" main on Ohio Street and 10" facilities on Lathrop Avenue the contractor shall have a watchdog which is provided by We Energies. When locates are called in the contractor shall contact We Energies and We Energies will provide a watch-dog.

We Energies will require 10 days' notice from WisDOT's contractor to schedule the removal of the gas main. We Energies will work along with the road reconstruction contractors at the time of construction to dispose of any steel pipe, which is coated with coal tar wrap that contains asbestos fibers, where the pipe is in conflict with grading or storm sewer work. Potential conflicts with grading Stations 15+50 to 16+00 and potential conflict with storm structure 8.0 and 8.4. This work will take approximately five days to complete.

We Energies plans to relocate its facilities prior to construction.

Following We Energies Gas facilities are no longer in use and have been left in place:

- 16" ST on Ohio Street from Stations 14+00 to 17+00 approx. 36' LT.
- 4" steel main from Stations 101+50 to 114+50, main is under the east bound lane, varying from 18' to 29' RT.
- 4" P.E. from Stations 116+50 to 117+50, 30' RT.
- 2" P.E. on Virginia Street from Stations 11+18 to 12+10. Main crosses Washington Avenue at Station 117+12.
- 4" P.E. from Stations 119+72 to 120+65, 29' RT.
- 2" P.E. on Illinois Street from Stations 11+00 to 12+35, 20' RT, crosses Washington Avenue at Station 120+00.
- 4" P.E. from Stations 126+57 to 127+33, 31' RT.
- 2" P.E. on Indiana Street from 11+20 to 12+31, 26' RT. Crosses Washington Avenue at Station 127+21.
- 2" P.E. on Russet Street from Stations 11+20 to 12+02, 27' LT and crossing Washington Avenue at Station 136+05.
- 6" st main crossing Lathrop Avenue at Station 14+56.
- 6" st main on Washington Avenue from Stations 140+50 to 165+40, Approximately 15' LT.
- 2" P.E. main crossing Washington Avenue at Station 147+12 and crossing West Lawn Avenue at Station 12+11.
- 2" P.E. on Cleveland Avenue from Stations 11+64 to 12+02, 20' LT.
- 2" P.E. on Arthur Avenue from Stations 11+68 to 12+00, 20' LT.
- 4' steel main on Blaine Avenue from Stations 10+85 to 12+10, 14' LT and crosses Washington Avenue at Station 14+85.
- 2" P.E. on Grove Avenue from Stations 11+85 to 12+50, 17' LT.

Field Contact: Chris DeGrave, (262) 886-7018, (262) 939-9814 (mobile).

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 Robert Bellin, P.E. at (262) 521-4405. Post the permit in a conspicuous place at the construction site.

stp-107-056 (20180628)

8. Health and Safety Requirements for Workers Remediating Petroleum Contamination.

Add the following to standard spec 107.1(2):

Soil contamination with gasoline, diesel fuel, fuel oil, or other petroleum related products may be encountered during excavation activities. Prepare a site specific Health and Safety Plan complying with the Occupational Safety and Health Administration (OSHA) standard for Hazardous Waste Operation and Emergency Response (HAZWOPER), 29 CFR 1910.120.

All site workers taking part in remediation activities or who will have the reasonable probability of exposure of safety or health hazards associated with the hazardous material shall have completed Health and Safety training that meets OSHA requirements. Before the start of remediation work, submit to the engineer a site specific Health and Safety Plan, and written verification that workers will have completed up-to-date OSHA training.

Develop, delineate, and enforce the health and safety exclusions zones for each contaminated site location pursuant to 29 CFR 1910.120.

stp-107-115 (20150630)

9. Material Stockpile and Equipment Storage

Submit a map showing all proposed material stockpile and equipment storage locations to the engineer 14 calendar days before either the preconstruction conference or proposed use, whichever comes first. Identify the purpose; length, width and height; and duration of material stockpile or equipment storage at each location. Obtain written permission and necessary permits from the property owner and local governments/agencies and submit two copies to the engineer. Do not stockpile material or store equipment until the engineer approves.

Material stockpiles and equipment storage on Washington Avenue (STH 20) Eastbound and Westbound between Station 98+60 to Station 133+00 (Orchard Street), Station 147+00 (West Lawn Street) to Station 156+50 (Blaine Avenue), and Station 167+25 (West Boulevard) to Station 171+40 is limited to a height of 10 feet and 14 calendar days unless the engineer approves otherwise in writing.

Material stockpiles and equipment storage on Washington Avenue between Orchard Street and West Lawn Street and Blain Avenue and West Boulevard, Roosevelt Avenue, Perry Avenue, Ohio Street, Virginia Street, Illinois Street, Oregon Street, Indiana Street, Kentucky Street, Orchard Street, Russet Street, Lathrop Avenue, Monroe Avenue, West Lawn Avenue, Cleveland Avenue, Arthur Avenue, Blaine Avenue, Hayes Avenue, Grove Avenue, and West Boulevard is not allowed unless the engineer approves otherwise in writing.

SER-107-011 (20181019)

10. Erosion Control.

The contractor shall prepare and submit an erosion control implementation plan (ECIP) for the project including borrow sites, material disposal sites, dust control, and dewatering according to Chapter TRANS 401 requirements. The erosion control implementation plan shall supplement information shown on the plans and shall not reproduce it. The erosion control implementation plan will identify how the contractor intends to implement the project's erosion control plan.

Supplement standard spec 107.20 with the following:

Provide the ECIP 14 calendar days prior to the pre-construction conference. ECIP will need to be generated according to Trans 401 and TCGP (WPDES Permit No. WI-S066796-1). Provide 1 copy of the ECIP to WisDOT and 1 copy of the ECIP to the WDNR Liaison (Benton Stelzel, 141 NW Barstow Street # 180, Waukesha, WI 53188, Tel: (262) 623-0194, Email: benton.stelzel@Wisconsin.gov). Pursue operations in a timely and diligent manner, continuing all construction operations methodically from the initial removals and topsoil stripping operations through the subsequent grading, paving, and re-topsoiling to minimize the period of exposure to possible erosion. Do not implement the ECIP until it has been approved by the department.

Re-topsoil graded areas, as designated by the engineer, immediately after grading is completed within those areas. Seed, fertilizer, and mulch, as designated by the engineer, within 7 calendar days after placement of topsoil. If graded areas are left exposed for more than 14 calendar days, seed those areas with temporary seed and mulch. When performing roadway cleaning operations, the contractor shall use equipment having vacuum or water spray mechanism to eliminate the dispersion of dust. If vacuum equipment is employed, it shall have suitable self-contained particulate collectors to prevent discharge from the collection bin into the atmosphere.

Stockpile excess material or spoils on upland areas away from wetlands, floodplains and waterways. Stockpiled soil shall be protected against erosion. Stockpiles, where runoff leave the site, need erosion control BMPs such as silt fence. Stockpiles will need to be stabilized within 14 days. If stockpiled material is left for more than 14 calendar days, seed the stockpile with temporary seed and mulch.

Do not pump water from the construction site to a storm water conveyance without the water first passing through a sediment trap or filter bag.

11. Public Convenience and Safety.

Revise standard spec 107.8(6) as follows:

Check for and comply with local ordinances governing the hours of operation of construction equipment. Do not operate motorized construction equipment from 8:00 PM until the following 7:00 AM, unless prior written approval is obtained from the engineer.

stp-107-001 (20060512)

12. Notice to Contractor – RYDE (Racine Transit) Coordination.

The City of Racine's RYDE transit service operates the following bus routes within the construction limits: Route 4 travels on Ohio Street south of Washington Avenue and along Washington Avenue from Ohio Street to east end of the project. Route 20 travels on Washington Avenue within the entire project length. Route 86 travels on Washington Avenue from beginning of the project to Ohio Street and Ohio Street north of Washington Avenue. Southbound Route 86 crosses Washington Avenue at Lathrop Avenue intersection. Route 30 travels on Washington Avenue with the project limits. Bus routes will be detoured as follows:

Route 4:

Eastbound: North on Ohio Street–East on Wright Avenue–East on Washington Avenue.

Westbound: West on Washington Avenue–South of Taylor Avenue–West on 16th Street–South on Ohio Street.

Bus Stops: RYDE will post “bus stop moved” notices on the existing bus stops along Washington Avenue and add any temporary bus stops along the detour route.

Route 20

Eastbound: Stay on Washington Avenue as there are no bus stops within the project limits.

Westbound: West on Washington Avenue–South of Taylor Avenue–West on 16th Street–North on Ohio Street–West on Washington Avenue.

Bus Stops: RYDE will post a “bus stop moved” notice on the existing bus stop at the northwest corner of the Washington Avenue and Ohio Street intersection and set up a temporary bus stop west of Roosevelt Avenue, between Roosevelt Avenue and Sycamore Avenue.

Route 30

Eastbound: Stay on Washington Avenue as there are no bus stops within the project limits.

Westbound: West on Washington Avenue–South on Taylor Avenue–West on 16th Street–North on Green Bay Road–West on Washington Avenue.

Route 86

Southbound (when Lathrop Avenue is open): West on Kinzie Avenue–South on Lathrop Avenue.

Southbound (when Lathrop Avenue is closed): West on Kinzie Avenue–South on Monroe Avenue–West on Wright Avenue–South on Lathrop Avenue.

Bus Stops: RYDE will post “bus stop moved” notices on the existing bus stops along Washington Avenue and will add any temporary bus stops along the detour route.

Contractor shall notify RYDE one week before opening and closing Lathrop Avenue and Monroe Avenue for construction operations. This will allow RYDE to accommodate the switch of the Route 86 bus line.

RYDE will add temporary bus stop signage to be used during construction.

Existing bus stop signs that are mounted on existing light poles or utility poles that will be removed or relocated as part of the project will be removed and mounted on new sign posts by the City of Racine Department of Public Works (DPW).

Notify RYDE at least ten (10) business days prior to beginning the work. The contractor shall manage bus stop signs and shelters that are within the project limits during construction. The RYDE will manage bus stop signs on the detour route.

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

Contact Information:

Willie E. McDonald
General Manager
RYDE
1900 Kentucky Street
Racine, WI 53403
Phone: (262) 619-2443
Willie.McDonald@cityofracine.org

13. Notice to Contractor - Sign Removal.

Contact Ara Molitor, City of Racine, at (262) 636-9487 at least five working days prior to the removal of existing signs within the project corridor.

The department assumes that all signs are in good condition prior to the contractor’s removal operation. Prior to removal, inspect and provide a list of any damaged signs to the engineer.

Deliver removed signs to the traffic department located at 830 Racine Street, Racine WI 53403. Contact Ara Molitor at (262) 636-9487 at least five working days prior to delivery to make arrangements for delivery.

14. Notice to Contractor - HMOD 5.

The HMOD 5, located at approximately Station 11+06 T, 61 feet Left should not be impacted by the construction. If the contractor thinks that the HMOD 5 could be impacted by the construction operations, the engineer shall be notified so that the HMOD can be tied off for relocation later.

15. Coordination with Businesses and Residents.

The department will arrange and conduct a meeting between the contractor, the department, affected residents, local officials and businesspeople to discuss the project schedule of operations including vehicular and pedestrian access during construction operations. Hold the first meeting at least one week before the start of work under this contract and hold one meeting per month thereafter. The department will 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 Standard Street Light Poles, Item 204.9060.S.01.

A Description

This special provision describes removing Standard Street Light Poles conforming to standard spec 204.

B (Vacant)

C Construction

Contact Ara Molitor, City of Racine, at (262) 636-9487 at least seven working days prior to the removal of the standard street light poles along Washington Avenue and any side roads. The City may want to salvage the poles and fixtures. Deliver poles that the City would like to salvage to 1415 Hampden Place, Racine WI 53403. Contact Ara Molitor at (262) 636-9487 at least five working days prior to delivery to make arrangements for delivery.

D Measurement

The department will measure Removing Street Light Poles as each individual pole, acceptably completed.

E Payment

Add the following to standard spec 204.5:

ITEM NUMBER	DESCRIPTION	UNIT
204.9060.S.01	Removing Standard Street Light Poles	EACH

stp-204-025 (20150630)

17. Removing Decorative Street Light Poles, Item 204.9060.S.02.

A Description

This special provision describes removing Decorative Street Light Poles conforming to standard spec 204.

B (Vacant)

C Construction

Contact Ara Molitor, City of Racine, at (262) 636-9487 at least seven working days prior to the removal of the decorative street light poles along Washington Avenue and any side roads. The City may want to salvage the poles and fixtures. Deliver poles that the City would like to salvage to 1415 Hampden Place, Racine WI 53403. Contact Ara Molitor at (262) 636-9487 at least five working days prior to delivery to make arrangements for delivery.

D Measurement

The department will measure Removing Decorative Light Poles as each individual pole, acceptably completed.

E Payment

Add the following to standard spec 204.5:

ITEM NUMBER	DESCRIPTION	UNIT
204.9060.S.02	Removing Decorative Street Light Poles	EACH

stp-204-025 (20150630)

18. Excavation, Hauling, and Disposal of Petroleum Contaminated Soil, Item 205.0501.S.

A Description

A.1 General

This special provision describes excavating, loading, hauling, and disposing of petroleum contaminated soil at a DNR approved bioremediation facility. The closest DNR approved bioremediation facilities are:

Republic Services Kestrel Hawk Landfill
1989 Oakes Rd.
Racine, WI 53406
(262) 884-7081

Waste Management Pheasant Run RDF Landfill
10712 South 124th Street
Bristol, WI 53104
(800) 963-4776

Advanced Disposal Emerald Park Landfill
W124S10629 South 124th Street
Muskego, WI 53150
(414) 529-1360

Perform this work according to standard spec 205 and with pertinent parts of Chapters NR 700-754 of the Wisconsin Administrative Code, as supplemented herein. Per NR 718.07, a solid waste collection and transportation service-operating license is required under NR 502.06 for each vehicle used to transport contaminated soil.

A.2 Notice to the Contractor – Contaminated Soil Locations

The department completed testing for soil contamination at locations within this project where excavation is required.

Testing indicated that petroleum-contaminated soil is present at the following location as shown on the plans:

1. Stations 105+80 to 109+00 from reference line to project limits left, from approximately 1 to 8+ feet below grade. The estimated volume of contaminated soil to be excavated at this location is 1,214 cubic yards (approximately 2,064 tons using a conversion factor of 1.7 tons per cubic yard).
2. Stations 112+50 to 113+35 from project limits left to project limits right, from approximately 3 to 16+ feet below grade. The estimated volume of contaminated soil to be excavated at this location is 272 cubic yards (approximately 462 tons using a conversion factor of 1.7 tons per cubic yard).
3. Stations 113+35 to 114+40 from project limits left to project limits right, from approximately 10+ feet below grade. The estimated volume of contaminated soil to be excavated at this location is 0 cubic yards (approximately 0 tons using a conversion factor of 1.7 tons per cubic yard).
4. Stations 120+20 to 120+75 from reference line to project limits right, from approximately 1 to 6 feet below grade. The estimated volume of contaminated soil to be excavated at this location is 166 cubic yards (approximately 282 tons using a conversion factor of 1.7 tons per cubic yard).
5. Stations 139+50 to 140+25 from reference line to 65 feet right of reference line, from approximately 2.5 to 16+ feet below grade. The estimated volume of contaminated soil to be excavated at this location is 71 cubic yards (approximately 121 tons using a conversion factor of 1.7 tons per cubic yard).
6. Stations 140+25 to 141+00 from reference line to 55 feet left of reference line, from approximately 1 to 16+ feet below grade. The estimated volume of contaminated soil to be excavated at this location is 223 cubic yards (approximately 379 tons using a conversion factor of 1.7 tons per cubic yard).

7. Stations 140+25 to 140+65 from 55 feet left of reference line to 80 feet left of reference line, from approximately 1 to 6 feet below grade. The estimated volume of contaminated soil to be excavated at this location is 19 cubic yards (approximately 32 tons using a conversion factor of 1.7 tons per cubic yard).
8. Stations 156+30 to 157+00 from reference line to project limits left, from approximately 1 to 6 feet below grade. The estimated volume of contaminated soil to be excavated at this location is 253 cubic yards (approximately 430 tons using a conversion factor of 1.7 tons per cubic yard).
9. Stations 157+00 to 157+85 from reference line to project limits left, from approximately 1 to 7+ feet below grade. The estimated volume of contaminated soil to be excavated at this location is 219 cubic yards (approximately 372 tons using a conversion factor of 1.7 tons per cubic yard).
10. Station 157+85 to 158+40 from reference line to project limits left, from approximately 1 to 6 feet below grade. The estimated volume of contaminated soil to be excavated at this location is 101 cubic yards (approximately 172 tons using a conversion factor of 1.7 tons per cubic yard).
11. Stations 159+50 to 160+55 from reference line to project limits left, from approximately 1 to 6+ feet below grade. The estimated volume of contaminated soil to be excavated at this location is 370 cubic yards (approximately 629 tons using a conversion factor of 1.7 tons per cubic yard).
12. Stations 160+25 to 160+55 from 30 feet right of reference line to 60 feet right of reference line, from approximately 3+ feet below grade. The estimated volume of contaminated soil to be excavated at this location is 15 cubic yards (approximately 26 tons using a conversion factor of 1.7 tons per cubic yard).
13. Stations 162+45 to 162+75 from reference line to project limits left, from approximately 4+ feet below grade. The estimated volume of contaminated soil to be excavated at this location is 0 cubic yards (approximately 0 tons using a conversion factor of 1.7 tons per cubic yard).
14. Stations 162+75 to 163+20 from reference line to project limits left, from approximately 1 to 6+ feet below grade. The estimated volume of contaminated soil to be excavated at this location is 66 cubic yards (approximately 112 tons using a conversion factor of 1.7 tons per cubic yard).

Directly load soil excavated by the project at the above locations into trucks that will transport the soil to a WDNR-licensed bioremediation facility.

If contaminated soils are encountered elsewhere on the project, terminate excavation activities in the area and notify the engineer.

No active groundwater monitoring wells were observed within the construction limits. If active groundwater monitoring wells are encountered during construction, notify the engineer and protect them to maintain their integrity. The environmental consultant will determine if monitoring wells need to be maintained. For monitoring wells that do need to be maintained, adjust the wells that do not conflict with structures or curb and gutter to be flush with the final grade. For wells that conflict with the previously mentioned items or if monitoring wells are not required to be maintained, they will be abandoned by others.

A.3 Excavation Management Plan

The excavation management plan for this project has been designed to minimize the offsite bioremediation of contaminated material. The excavation management plan, including these special provisions, has been developed in cooperation with the WDNR. The WDNR concurrence letter is on file at the Wisconsin Department of Transportation. For further information regarding previous investigation and remediation activities at these sites contact:

Name: Andrew Malsom
Address: 141 NW Barstow Street, PO Box 798, Waukesha, WI 53187-0798
Phone: (262) 548-6705
Fax: (262) 548-6891
E-mail: andrew.malsom@dot.wi.gov

A.4 Coordination

Coordinate work under this contract with the environment consultant:

Consultant: TRC Environmental Corporation
Address: 150 N. Patrick Blvd., Ste. 180, Brookfield, WI 53045
Contact: Bryan Bergmann
Phone: (262) 901-2126 office, 262-227-9210 cell
Fax: (262) 879-1220
E-mail: bbergmann@trcsolutions.com

The role of the environmental consultant will be limited to:

1. Determining the location and limits of contaminated soil to be excavated based on soil analytical results from previous investigations, visual observations, and field screening of soil that is excavated;
2. Identifying contaminated soils to be hauled to the bioremediation facility;
3. Documenting that activities associated with management of contaminated soil are in conformance with the contaminated soil management methods for this project as specified herein; and
4. Obtaining the necessary approvals for disposal of contaminated soil from the bioremediation facility.

Provide at least a 14-calendar day notice of the preconstruction conference date to the environmental consultant. At the preconstruction conference, provide a schedule for all excavation activities in the areas of contamination to the environmental consultant. Also notify the environmental consultant at least three calendar days prior to commencement of excavation activities in the contaminated area.

Coordinate with the environmental consultant to ensure that the environmental consultant is present during excavation activities in the contaminated area. Perform excavation work in each of the contaminated areas on a continuous basis until excavation work is completed.

Identify the DNR approved bioremediation facility that will be used for disposal of contaminated soils and provide this information to the environmental consultant no later than 30 calendar days prior to commencement of excavation activities in the contaminated areas or at the preconstruction conference, whichever comes first. The environmental consultant will be responsible for obtaining the necessary approvals for disposal of contaminated soils from the bioremediation facility. Do not transport contaminated soil offsite without prior approval from the environmental consultant.

A.5 Health and Safety Requirements

Add the following to standard spec 107.1:

During excavation activities, expect to encounter soil contaminated with gasoline, diesel fuel, fuel oil, or other petroleum related products and metals. Site workers taking part in activities that will result in the reasonable probability of exposure to safety and health hazards associated with hazardous materials shall have completed health and safety training that meets the Occupational Safety and Health Administration (OSHA) requirements for Hazardous Waste Operations and Emergency Response (HAZWOPER), as provided in 29 CFR 1910.120.

Prepare a site-specific Health and Safety Plan, and develop, delineate and enforce the health and safety exclusion zones for each contaminated site location as required by 29 CFR 1910.120. Submit the site-specific health and safety plan and written documentation of up-to-date OSHA training to the engineer prior to the start of work.

B (Vacant)

C Construction

Add the following to standard spec 205.3:

Control operations in the contaminated areas to minimize the quantity of contaminated soil excavated and to ensure that excavations do not extend beyond the minimum required to construct utilities and highway improvements unless expressly directed to do so by the engineer.

Assist the environmental consultant in determining the extent of contaminated soil (if any) and/or presence of underground storage tanks, by performing a backhoe test pit investigation, as directed by the environmental consultant, in the following area:

- Lifeforce Chiropractic, 3204 Washington Avenue, Stations 162+45 to 163+00, from reference line to project limits left. This location was a former gasoline filling station. Sanborn maps from 1933 and 1951 show three gasoline tanks in the Washington Ave. right-of-way. It is not known if the tanks have been removed or are still in the ground.

Perform the backhoe test pit investigation as soon as practical after structures, sidewalks, curb and gutter, and pavement are removed and prior to significant excavation (if any) beginning in that area. The backhoe test pit investigation shall include up to 3 test pits, to a maximum depth of approximately 2 to 3 feet. The test pit investigation shall be incidental to this pay item.

If underground storage tanks (USTs) are encountered during test pit excavations at the location above, the USTs will be removed by others concurrent with the work under this project. The removal of the USTs and any associated remediation activities (if necessary) is estimated to take seven calendar days to complete.

The environmental consultant will periodically evaluate soil excavated from the contaminated areas to determine if the soil will require offsite bioremediation. The environmental consultant will evaluate excavated soil based on field screening results, visual observations, and soil analytical results from previous environmental investigations. Assist the environmental consultant in collecting soil samples for evaluation using excavation equipment. The sampling frequency shall be a maximum of one sample for every 20 cubic yards excavated.

Directly load and haul soils designated by the environmental consultant for offsite bioremediation to the DNR approved bioremediation facility. Use loading and hauling practices that are appropriate to prevent any spills or releases of petroleum-contaminated soils or residues. Prior to transport, sufficiently dewater soils designated for off-site bioremediation so as not to contain free liquids.

If dewatering is required in an area of known contamination, water generated from dewatering activities may contain contaminants and require testing, special handling and disposal. Such water may, with approval from the City of Racine Wastewater Utility, be discharged to the sanitary sewer as follows:

- Meet all applicable requirements of the City of Racine Wastewater Utility including the control of suspended solids. Perform all necessary monitoring to document compliance with the City of Racine Wastewater Utility requirements. Furnish, install, operate, maintain, disassemble, and remove treatment equipment necessary to comply with the City of Racine Wastewater Utility requirements.
- Ensure continuous dewatering and excavation safety at all times. Provide, operate, and maintain adequate pumping equipment and drainage and disposal facilities.

Costs associated with excavation and dewatering in the contaminated area are considered incidental to this pay item. The Wisconsin Department of Transportation will be the generator of regulated solid waste from the construction project.

Limit excavation at the locations described in A.2 to minimize the handling of groundwater. Notify the engineer of any dewatering activities and obtain any permits necessary to discharge or dispose of contaminated water. Provide copies of such Permit to the engineer. Meet any requirements and pay any costs for obtaining and complying with such permit use. Follow all applicable legislative statutes, judiciary decisions, and regulations of the State of Wisconsin.

D Measurement

The department will measure Excavation, Hauling, and Disposal of Petroleum Contaminated Soil in tons of contaminated soil, accepted by the bioremediation facility, as documented by weight tickets generated by the bioremediation facility.

E Payment

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

ITEM NUMBER	DESCRIPTION	UNIT
205.0501.S	Excavation, Hauling, and Disposal of Petroleum Contaminated Soil	TON

Payment is full compensation for excavating, segregating, loading, hauling, and treatment via bioremediation of contaminated soil; obtaining solid waste collection and transportation service operating licenses; assisting in the collection soil samples for field evaluation; and dewatering of soils before transport, if necessary.

stp-205-003 (20150630)

19. Maintaining Drainage.

Maintain drainage at and through worksite during construction according to standard spec 107.22 and standard spec 204, 205 and 520.

Use existing storm sewer, temporary inlets, temporary storm sewer pipe, concrete collar, existing drainage channels, or temporary drainage channels or as directed by the engineer to maintain existing surface and pipe drainage. The cost of all work and materials associated is incidental to the work to maintain drainage, including, but not limited to, temporary pipe, concrete collar, and temporary inlet installation and removal.

Pumps may be required to drain the surface, pipe, and structure discharges during construction. Costs for furnishing, operating, and maintaining the pump is considered incidental to the project.

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

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

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

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

20. Stamping Colored Concrete, Item 405.1000.

This special provision describes stamping and coloring concrete Custom Red for work constructed under other contract bid items. Conform to standard spec 405 as modified in this special provision.

Replace standard spec 405.2.1.1(1) with the following:

- (1) Integrally color concrete using non-fading pigments conforming to ASTM C979.
 - For Custom Red: Follow color pigment manufacturer's recommendations for minimum and maximum percentage of loading by weight of the cementitious material in the mix. Match the concrete color in reasonably close conformance with Custom Red color, which is similar to Federal Standard 595 - 30152.

Replace standard spec 405.2.1.1(3) with the following:

- (3) The department will accept the color based on comparison to the final and accepted color sample of the test slab produced by conforming to all requirements under standard spec 405.2.1.4.3 for Trial Batches.

Replace the entire contents of standard spec 405.2.2 with the following:

- (1) Furnish Custom Red full-depth colored concrete conforming to standard spec 405.2.1.
- (2) Running Bond Used Brick, #5018 by Customrock Formliner. Pattern shall exactly match the pattern and stamp that has been used in the Ohio Street medians within the City of Racine limits (i.e. between Wright Street and 13th Street). Provide sample formliner pattern to engineer for approval and to verify conformance with the existing stamped medians before use on the project.
- (3) Provide antiquing release agent that is compatible with the form liner and coloring materials. The antiquing release agent color shall be red brown and shall closely match to Federal Standard 595 – 30108. Provide manufacturer's color chart for antiquing release agent to engineer for approval before use on the project.
- (4) Provide concrete sealants that are compatible with the formliner and installation methods. Prime Sealant: Glossy. Secondary Sealant: Matte.

Replace the entire contents of standard spec 405.3.2 with the following:

- (1) Color concrete full-depth conforming to standard spec 405.3.1.
 - (2) Coordinate locations of permanent signage requiring PVC pipe box outs per standard spec 634.3.2.
 - (3) Clean the form liner prior to each pour and ensure that it is free of any build-up. Visually inspect each liner for blemishes or tears and repair, if necessary, per manufacturer's recommendations. Coordinate with the engineer to verify stamping pattern orientation prior to starting the stamping work.
 - (4) Prepare stamp tools with a full, smooth coat of antiquing release agent. While concrete is still in the plastic state, apply imprinting tools to the surface and press into the concrete to create the desired impression. Finish all surfaces uniformly. Ensure that the textured surface is free of laitance; sandblasting is not permitted. Grind or fill any blemishes.
 - (5) Shake or spray antiquing release agent over concrete surface. Hand apply antiquing release agent to each individual joint line by spraying or rolling. Stamping and finishing shall exactly match the work that has been done on the Ohio Street Medians in other locations within the City of Racine.
 - (6) Allow concrete to cure for 5 days after application of the antiquing release agents and stamp pattern. Pressure wash concrete surface to remove approximately 80% of the antiquing release agent. Ensure that concrete is clean and dry before proceeding with concrete sealant. Spray or roll on a single layer of gloss sealant. Follow by spraying on a single coat of matte finish sealer. Do not roll matte finish sealer onto concrete surfaces.
 - (7) Protect the stamped and colored concrete sidewalks from damage. Do not permit construction traffic or material storage on colored concrete. Exclude other foot traffic from colored concrete for at least 15 days after placement. Remove and replace adjacent concrete that is discolored to the approval of the engineer.
- stp-405-100 (20190618)

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. Adjusting Manhole Covers.

This special provision describes adjusting manhole covers conforming to standard spec 611 as modified in this special provision.

Adjust manhole covers located in pavement areas in two separate operations. Initially, remove designated manhole covers along with sufficient pavement to permit installation of temporary cover plate over the opening. Fill the excavated area with asphaltic pavement mixture, which shall remain in place until contract milling and paving operations permit setting the manhole frames to grade. During the second phase, remove the asphaltic pavement mixture surrounding the manhole plus the temporary cover plate, and set the manhole cover to final grade. The department will measure and pay for the items of asphaltic pavement mixture, temporary cover plate, milling, and paving separately.

Supplement standard spec 611.3.7 with the following:

Set the manhole frames so that they comply with the surface requirements of standard spec 450.3.2.9. At the completion of the paving, a 6-foot straightedge shall be placed over the centerline of each manhole frame parallel to the direction of traffic. A measurement shall be made at each side of the frame. The two measurements shall be averaged. If this average is greater than 5/8 inches, reset the manhole frame to the correct plane and elevation. If this average is 5/8 inches or less but greater than 3/8 inches, the manhole frame shall be allowed to remain in place but shall be paid for at 50 percent of the contract unit price.

If the manhole frame is higher than the adjacent pavement, the two measurements shall be made at each end of the straightedge. These two measurements shall be averaged. The same criteria for acceptance and payment as above, shall apply.

stp-611-005 (20200629)

23. Furnishing and Planting Plant Materials.

Supplement standard spec 632.2.1 with the following:

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

Replace standard spec 632.2.2.8 (1) with the following:

Furnish a list of the sources from which plant materials will be obtained to the engineer. Furnish the list within 15 days of the award of the contract for fall-planted plants and before March 15 for spring-planted plants. Do not alter these lists without the engineer's approval.

Supplement standard spec 632.2.3.3 with the following:

The engineer reserves the right to reject topsoil that does not conform to the specifications and/or does not come with the appropriate material certificates. The engineer may require samples for USDA soil texture classification, pH, % organic matter, nutrient content, cation exchange capacity, soluble salts, and the presence of any materials deleterious to plant growth. Provide testing through a qualified testing laboratory approved by the State of Wisconsin to confirm that topsoil meets the requirements outlined in standard spec 632.2.3.3.

Replace standard spec 632.2.4.2 with the following:

For fertilizer in plant holes, provide water soluble fertilizer contained in a micropore slow release polyethylene packet with a three-year release. Provide packets with two ounces of fertilizer. A single two ounce packet is considered one unit. Fertilizer shall conform to the following minimum requirements:

Nitrogen, not less than ----- 16%

Phosphoric Acid, not less than ----- 8%

Potash, not less than -----8%

For trees: Use a minimum of two units and provide two units per caliper inch of tree trunk diameter. For one-half caliper measurements, round up to the next unit.

Replace standard spec 632.2.6 with the following:

Provide mulch as specified by bid item Shredded Hardwood Bark Mulch.

Replace standard spec 632.2.7 with the following:

Do not use wrapping on plant material.

Replace standard spec 632.2.9 with the following:

Provide rodent protection for trees designated on plans and as directed by the engineer.

Provide rodent protection for single-stem trees of rigid plastic mesh made of recycled HDPE with an open mesh matrix $\frac{3}{4}$ " by $\frac{3}{4}$ " with each strand approximately $\frac{1}{8}$ " x $\frac{1}{8}$ " x $\frac{1}{8}$ ". Provide products that are UV treated with a life expectancy of up to 5 years. The product shall be at least 48 inches high. Supply the source of rodent protection to the engineer. Install rodent protection for single-stem trees according to manufacturer's written instructions and at a minimum, burying the bottom of the rodent protection 2 to 3 inches into the adjacent soil grades.

Provide rodent protection for multi-stemmed trees of chicken wire or other similarly rigid, matrix-material with an open mesh matrix $\frac{3}{4}$ " by $\frac{3}{4}$ " or less, 48 inches high. Install rodent protection for multi-stemmed trees such that the entire base of the tree is protected; circumference of rodent protection may vary based on specific characteristics of each tree. Bury the bottom 2-3 inches of the rodent protection into the adjacent soil grades.

Replace standard spec 632.2.10 with the following:

Use 18-inch soft polymer webbing strap with grommets at each of the two ends to secure wire or twine to tree. Supply source of webbing straps to the engineer. All sources will be subject to verification and approval by the engineer.

Provide tree stabilization (staking and guying) for all trees unless directed otherwise by the engineer or the City of Racine Forestry Department.

Supplement standard spec 632.3.1 (1) with the following:

The normal spring planting season for all plants extends to June 15. The normal fall planting season is September 15 to November 15 or until the ground is frozen. Complete the planting of evergreen trees and shrubs in the fall prior to October 15. Obtain approval from the engineer for any plantings between June 15 and September 15. All additional care and maintenance associated with approved plantings occurring within this timeframe, will be at no cost to the department including, but not limited to, supplemental watering above and beyond the typical, specified landscape maintenance and care cycle schedule.

Supplement standard spec 632.3.1 with the following:

Take care not to damage or disturb adjacent finished landscape and be responsible for repairing any and all damage caused to adjacent landscape materials. Repairs shall be at the contractor's expense.

Replace standard spec 632.3.3 with the following:

Stake the locations of all plant holes and obtain approval of staked location from the engineer before planting.

Supplement standard spec 632.3.4 with the following:

Adequately compact the bottom of the hole to guard against settling. Tamp or water as necessary to create a condition by which plants will not settle in the planting holes. The bottom of the rootball shall be in direct contact with the bottom of the hole.

Replace standard spec 632.3.4 (2) with the following:

Excavate the plant hole to the minimum horizontal dimensions indicated in the Plant Data Table included in the plans or as the engineer directs. The minimum horizontal measurement of the plant hole is to be no less than 24 inches greater than the diameter of the ball, container, or root mass for the full depth of the planting hole for trees.

Replace standard spec 632.3.7 (2) with the following:

Place the plant in the plant hole with its more desirable face towards the most prominent view and hold in a vertical position. Remove the burlap and other wrapping materials including, but not limited to, twine, wire baskets, and plastic ribbon, from the entire root ball of B&B plants unless the engineer determines that removal of said material will be detrimental to plant stability and/or establishment. At a minimum, the wire basket must be completely removed from the top and sides of the rootball. Move and handle only by the ball or container. Set the plant so that, after settling, the plant root collar is at or 2 inches above the surrounding ground level, as specified above in standard spec 632.3.4.

Supplement standard spec 632.3.18.1.2 with the following:

The plant establishment period begins on the date of substantial landscape completion. The plant establishment period ends one year from the substantial landscape completion date. Obtain, in writing, the final date for the conclusion of the plant establishment period on or soon after project completion. Review all plant materials with the engineer at conclusion of the establishment period.

Replace standard spec 632.3.19.1 (9) with the following:

Remove all staking, bracing wire material, nursery tags and other plant stabilization or non-biodegradable material at the end of each growing season within the establishment period.

Review all rodent protection measures at the end of each growing season within the establishment period with the engineer and City of Racine Forestry Department.

Supplement standard spec 632.3.19.1(2) with the following:

The interval for a care cycle is 10-14 days between May 15 and October 15. There will be 13 required care cycles in a growing season.

Perform a complete and thorough spring clean-out of all landscape areas within the project boundary. Perform spring clean-out during the first care cycle of the year (between May 15 and June 1) or as soon as weather and growing season conditions permit. Do not perform spring clean-out until the ground is no longer saturated from the spring thaw; walking on saturated soil will result in compaction. Spring clean-out removing any material damaged over the winter by pruning according to the language outlined in standard spec 632, removal of trash or other debris that has accumulated in project landscaped areas, removal of leaves or other plant debris that has accumulated on the top of the mulched surface, weeding, and any and all other clean-out and maintenance operations as directed by the engineer.

Perform a complete and thorough fall clean-out of all landscape areas within the project boundary. Perform fall clean-out during the last care cycle of the year (between October 1 and October 15). Do not perform fall clean-out if the soil is saturated from rain event; wait until the soil moisture levels have gone down before performing the final clean-out. Fall clean-out includes removing any material damaged during the growing season by pruning according to the language outlined in standard spec 632, removal of trash or other debris that has accumulated in landscaped areas, removal of leaves or other plant debris that has accumulated on the top of the mulched surface, weeding, and any and all other clean-out and maintenance operations as directed by the engineer.

Provide supplemental water during the May 15 and October 15 maintenance period as often as necessary to ensure healthy, growing, and established plant material. Coordinate supplemental water directly with the municipality so the plant material is not being overwatered or under-watered. The contractor will remain solely responsible for plant health and watering maintenance.

Apply an additional 1-2 inches of Shredded Hardwood Bark Mulch immediately prior to the end of the establishment period for tree rings and plant beds. Labor and materials are incidental to Landscape Planting Surveillance and Care Cycles bid item.

24. Landscape Planting Surveillance and Care Cycles.

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

stp-632-005 (20070510)

25. Field Facilities

Provide field facilities for 60 calendar days beyond the project completion date or until the engineer approves its closure or removal.

Replace standard spec 642.2.1(2) with the following:

Provide high-speed internet and voice with long distance communications services via a land line for exclusive department use that have the following:

- A dynamic IP address (DHCP).
- The high speed Internet connection must consist of a “small office/home networking” package.
- Ability to accommodate IPSec based VPN products.
- A modem router with a capacity for 10 or more personal computers.
- A connection speed of 1 Mbps or more with 5 computers operating simultaneously.

Provide and install into the field office 2 two line programmable touch-tone telephones and telephone exchanges with local and long distance service. At least one will be a cordless type operating at no less than 2.4 GHz. Configure voice exchanges so that incoming calls for any voice exchange utilize an open exchange. Furnish a voicemail answering service. The telephones and communication services are for the sole use of the department staff.

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.

26. Geotextile Type SR.

Provide type SR geotextile fabric conforming to standard spec 645 and conforming to the following physical properties:

Test	Method	Value ^[1]
Minimum Tensile Strength	ASTM D 4595	30 lb/in
Maximum Elongation at Required Strength	ASTM D 4595	15 %
Minimum Puncture Strength	ASTM D 6241	175 lb
Maximum Apparent Opening Size	ASTM D 4751	No. 40 µm
Minimum Permittivity	ASTM D 4491	0.26 s ⁻¹

^[1] All numerical values represent minimum/maximum average roll values. Average test results from all rolls in a lot must conform to the tabulated values.

stp-645-035 (20171130)

27. General Requirements for Electrical Work.

Replace standard spec 651.3.3 (3) with the following:

(3) Request a signal inspection of the signal installation to the engineer after completing the Prerequisites for Underground Inspection or Prerequisites for Above Ground Inspection at least five working days prior to the time of the requested inspection. Contact Ara Molitor, City of Racine, at (262) 636-9487 to coordinate the inspection. Ara Molitor or the other person designated by the City of Racine will perform the inspection. In the event of deficiencies, request a re-inspection when the work is corrected. The engineer will not authorize continuation to aboveground work or turn-on until the contractor corrects all deficiencies.

**28. Electrical Service Meter Breaker Pedestal Perry Avenue, Item 656.0200.01;
Electrical Service Meter Breaker Pedestal Ohio Street, Item 656.0200.02;
Electrical Service Meter Breaker Pedestal Lathrop Avenue, Item 656.0200.03;
Electrical Service Meter Breaker Pedestal Hayes Avenue Item 656.0200.04;
Electrical Service Meter Breaker Pedestal West Boulevard, Item 656.0200.05;
Electrical Service Meter Breaker Pedestal SW Quadrant Ohio Street, Item 656.0200.06;
Electrical Service Meter Breaker Pedestal NW Quadrant Hayes Avenue, Item 656.0200.07.**

Append standard spec 656.2.3 with the following:

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

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

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

Append standard spec 656.5 with the following:

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

29. Traffic Signal Pole Color, General

A General

A.1 Color

The color of the signal poles and arms at the intersections of Hayes Avenue and Washington Avenue and West Boulevard and Washington Avenue shall match the color of the decorative lighting assemblies. Submit a sample of the color for approval by the engineer prior to construction.

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

All work under this section shall conform to Section 659 of the Standard Specifications with the following exceptions.

A time clock shall be added to the lighting control cabinet and wired to provide photocell-on, time clock-off control of the associated lighting circuits. The time clock shall be a multipurpose, 24-hour, UL listed electronic time clock. The unit shall be capable of programming through the use of slide switches and pushbuttons on the unit and include a manual control selection to override automatic control. The display shall be LED type.

Branch circuit breaker and contactor amp ratings and quantities shall be as shown on the drawings.

**31. Temporary Traffic Signals for Intersections Ohio Street, Item 661.0200.01;
Temporary Traffic Signals for Intersections West Boulevard, Item 661.0200.02.**

Replace standard spec 661.2.1 (1) with the following:

Furnish and install all temporary traffic signal equipment as shown on the plans. All wood poles shall be plumb and level. Provide primary and secondary temporary traffic signal contact names and phone numbers who will be responsible for implementing temporary traffic signal timing changes. The department may request traffic signal timing changes to an approved timing plan during the project. Implement any approved timing plan change within 24 hours upon notification of the change. Record the times of operation of the timing change and provide this information to the department.

Replace standard spec 661.2.1 (3) with the following:

Use existing underground electric service and meter breaker pedestal for the operation of the Temporary Traffic Signal. The contractor will be responsible for arranging any additional service connection to the temporary signal. The department will pay for all Energy Costs for the operation of the Temporary Traffic Signal.

Furnish and install a generator to operate the temporary traffic signals for the times required to switch the existing permanent traffic signal over to the temporary traffic signal and for the time required to switch the temporary traffic signal back over to the permanent traffic signal.

Contact Dean Lenius at (414) 944-5653, (414) 659-3754 (mobile) at least 4 days prior to making the switch from the existing Permanent Traffic Signal to the Temporary Traffic Signal.

Replace standard spec 661.3.1(2) with the following:

Request a signal inspection of the completed temporary traffic signal installation to the engineer at least five working days prior to the time of the requested inspection. Contact Ara Molitor, City of Racine, at (262) 636-9487 to coordinate the inspection. Ara Molitor or the other person designated by the City of Racine will perform the inspection.

32. Intelligent Transportation Systems–Conduit

Replace standard spec 671.5 (2) with the following:

(2) Payment for the interconnect Conduit Rigid Nonmetallic Schedule 40 is full compensation for providing, hauling, and installing all materials including conduit, fittings, couplers, and bends, and for making necessary connections into existing pull boxes and vaults. Payment includes full compensation for pull wires or ropes; for expansion fittings and caps; for excavating, bedding, backfilling, and restoration of ground to original condition including sand, concrete, or other required materials; for disposing of surplus materials; and for making inspections.

33. Fiber Optic Splice Enclosure.

Perform work according to standard spec 678 except hereinafter modified:

The department will measure Fiber Optic Splice Enclosure as one enclosure for all splices at each location called out on the plans, acceptably spliced and completed.

34. Install Fiber Optic Cable Outdoor Plant 6-CT, Item 678.0096.

Append standard spec 678.3.1 with the following:

(4) A 12 AWG. XLP insulated, stranded, copper, 600 volt AC, trace wire shall be furnished and installed in each run of conduit, as laid, which is to receive fiber optic cable. The wire shall be approximately 4 feet longer than the run of conduit and shall be doubled back at least 2 feet at each raceway access point. The pull wire shall be anchored at each access point in a manner acceptable to the project manager.

35. Optimized Aggregate Gradation Incentive, Item 715.0710.

Description

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

Optimized Aggregate Gradation

Replace standard spec 715.2.2 with the following:

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

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

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

TABLE 1 TARANTULA CURVE GRADATION BAND

SIEVE SIZES	PERCENT RETAINED
2 in.	0
1 1/2 in.	≤5
1 in.	≤16
3/4 in.	≤20
1/2 in.	4-20
3/8 in.	4-20
No. 4	4-20
No. 8 ^[1]	≤12
No. 16 ^[1]	≤12
No. 30 ^{[1] [2]}	4-20
No. 50 ^[2]	4-20
No. 100 ^[2]	≤10
No. 200 ^[2]	≤2.3

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

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

TABLE 2 JMF WORKING RANGE

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

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

Replace standard spec 710.5.6 with the following:

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

Take samples by one of the following sampling methods:

1. At the belt leading to the weigh hopper.
2. Working face of the stockpiles 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://wisconsin.gov/Pages/doing-business/eng-consultants/cnslt-rsrcs/qmp/default.aspx>
6. Design an appropriate paste content based upon the Performance-based PCC Mix Design Guide located at:
<https://wisconsin.gov/Pages/doing-business/eng-consultants/cnslt-rsrcs/qmp/default.aspx>
7. Provide a minimum V_{paste}/V_{voids} of 1.25. (Paste/Void ratio equals the volume of paste divided by the volume of voids.).
8. Evaluate workability of trial batches by following section 6.8 of AASHTO Draft Performance Engineered Concrete Pavement Mixtures Specifications located at:
<https://wisconsin.gov/Pages/doing-business/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, IL, or III cement in a mix where the geologic composition of the coarse aggregate is primarily igneous or metamorphic materials, provide a minimum cement content of 660 pounds per cubic yard.
12. The contractor may use class C fly ash or grade 100 or 120 slag as a partial replacement for cement. For binary mixes use up to 30% fly ash or slag. For ternary mixes use up to 30% fly ash plus slag in combination. Replacement values are in percent by weight of the total cementitious material in the mix.
13. See CMM 8-70.2.2.3 for additional guidance.

Measurement

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

Payment

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

ITEM NUMBER	DESCRIPTION	UNIT
715.0710	Optimized Aggregate Gradation Incentive	DOL

stp-715-005 (20191121)

36. 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 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)

37. Planting Soil Mix, Item SPV.0035.01.

A Description

This special provision describes providing Planting Soil Mix, according to standard spec 632, as shown on the plans, and hereinafter described.

B Materials

Furnish planting soil mix conforming to standard spec 632.2.3.4.

C Construction

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

D Measurement

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

E Payment

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

ITEM NUMBER	DESCRIPTION	UNIT
SPV.0035.01	Planting Soil Mix	CY

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

38. Section Corner Monuments Special, Item SPV.0060.01.

A Description

Coordinate with Southeastern Wisconsin Regional Planning Commission (SEWRPC) for the perpetuation and replacement of section corner (Public Land Survey System- PLSS) monuments.

B Materials

SEWRPC will provide a pre-cast concrete monument or brass disk to be used to mark the PLSS corner.

Furnish base aggregate dense materials that conform to standard spec 305 and concrete, asphalt, topsoil or other materials depending on the surface surrounding the corner.

C Construction

SEWRPC will perpetuate existing section corner monument. The contractor is responsible to coordinate with SEWRPC and the engineer throughout the perpetuation and replacement process. The engineer will contact SEWRPC at (262) 953-4295 at least two weeks before starting construction operations or the preconstruction meeting to allow for section corner monument perpetuation.

The contractor must excavate and completely remove the existing monument. The contractor is responsible for providing a backfilled 3 to 4-foot-deep hole where existing monument was removed. The contractor is responsible to coordinate the materials and methodology to complete the construction of the surface surrounding the monument. This may include but is not limited to a 2-foot x 2-foot "box out" or 24-inch diameter core hole in concrete, asphalt pavement/paving rings, coring to facilitate poured in place monuments, topsoil, seed and mulching or other materials or methodologies as agreed to by the contractor and SEWRPC.

Contact Information:

Attn: John Washburn
Southeastern Wisconsin Regional Planning Commission
W239 N1812 Rockwood Drive
P.O. Box 1607
Waukesha, WI 53187-1607
Phone (262) 953-4295
Fax (262) 547-1103
E-mail: jwashburn@sewrpc.org

D Measurement

The department will measure Section Corner Monuments Special by the 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	Section Corner Monuments Special	EACH

Payment is full compensation for all excavating; removal of existing monument, for placing and compacting backfill material; for disposing of surplus materials; for concrete or asphalt material, finishing of roadway or other surfaces and for all coordination with SEWRPC.

621-SER1 (20080714)

39. Parking Meter Posts, Item SPV.0060.02.

A Description

This special provision describes furnishing and installing parking meter posts in the location and manner specified in the plans and details. Work includes excavation and installation of a galvanized steel post for attachment of the parking meter. Parking meters will be supplied and installed by the city.

B Materials

Each parking meter post shall be as follows:

- Material: Galvanized Steel
- Outside Diameter: 2 3/8-inch
- Wall Thickness: 0.09-inch
- Exposed Height: 38 1/4-inch
- Finish: Standard factory applied powder coat in black

Contact Ara Molitor, City of Racine, at (262) 636-9487 prior to ordering parking meter post to conform the specification.

Contact Ara Molitor at least five working days prior to the removal of existing meters and posts within the project corridor.

The department assumes that all parking meters are in good condition prior to the contractor's removal operation. Prior to removal, inspect and provide a list of any damaged meters to the engineer.

Deliver removed parking meters to 1415 Hampden Place, Racine WI 53403. Contact Ara Molitor at least five working days prior to delivery to make arrangement for delivery.

C Construction

Install parking meter post in locations indicated on the plans. Provide mounting per manufacturer's specification and instructions.

D Measurement

The department will measure Parking Meter Posts by each individual parking meter post, 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	Parking Meter Posts	EACH

Payment is full compensation for furnishing and installing parking meter posts, base, and any other materials necessary to install the post.

40. Utility Line Opening (ULO), Item SPV.0060.03.

A Description

This work consists of excavating to uncover utilities for the purpose of determining elevation and potential conflicts as shown on the plans or as directed by the engineer.

B (Vacant)

C Construction

Perform the excavation in such a manner that the utility in question is not damaged.

Perform the utility line openings as soon as possible and at least 10 days in advance of proposed utility construction to allow any conflicts to be resolved with minimal disruption. Where utilities are within 6 feet of each other at a potential conflict location, only one utility line opening will be called for. In these cases, a single utility line opening will be considered full payment to locate multiple utilities. Provide utility line openings with a trench up to 10 feet long as measured at the trench bottom, and of any depth required to locate the intended utility.

Notify the utility engineers or their agents of this work a minimum of 3 working days prior to the work so they may be present when the work is completed. Do not perform utility line openings without the approval of the engineer.

D Measurement

The department will measure Utility Line Opening (ULO) as each individual ULO, 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	Utility Line Opening (ULO)	EACH

Payment is full compensation for the excavation required to expose the utility line, backfilling with existing material removed from the excavation, compacting the backfill material, restoring the site, and for cleanup.

Existing pavement removal necessary to facilitate utility line openings will be considered part of or paid for under Utility Line Openings. Replacement pavement, concrete curb, gutter, and sidewalk items will be considered separate from Utility Line Openings and will be measured and paid for separately.

41. Relocating Existing Lighting Unit, Item SPV.0060.04.

A Description

This special provision describes relocating existing light poles and attached fixtures from their concrete bases and reinstalling them onto new concrete bases as shown on the plans and as hereinafter provided.

B (Vacant)

C Construction

Remove, handle, store, and transport existing lighting units in a manner that prevents damage to them. If the contractor damages the lighting units through their own operations, then the contractor shall replace them at no expense to the department.

D Measurement

The department will measure Relocating Existing Lighting Unit 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.0060.04	Relocating Existing Lighting Unit	EACH

Payment is full compensation for relocating light poles; including all fixtures; for all required modifications to existing wire and conduit as shown on the plans; for all excavating, backfilling, stockpiling, disposing of surplus material and for cleaning out and restoring the work site.

42. Removing Lighting Control Cabinets, Item SPV.0060.05.

A Description

This work shall consist of removing lighting control cabinets, electric services, and the concrete bases.

B (Vacant)

C Construction

Coordinate with the electric utility for the permanent removal of its service lateral. Return cabinets to the City of Racine. Utility disconnection fees, if any, will be paid by the city.

Contact Ara Molitor, City of Racine, at (262) 636-9487 at least seven working days prior to the removal of the lighting cabinets.

D Measurement

The department will measure Removing Lighting Control Cabinets by the unit, removed and returned to the department.

E Payment

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

ITEM NUMBER	DESCRIPTION	UNIT
SPV.0060.05	Removing Lighting Control Cabinets	EACH

Payment will be full compensation for removing, hauling, and properly disposing of materials.

43. Storm Sewer Tap, Item SPV.0060.06.

A Description

This special provision describes tapping various sized storm sewer pipes into existing structures, including manholes or inlets, or other pipes at locations shown on the plans.

Perform the work according to the applicable provisions of standard spec 608 and 611, and as hereinafter provided.

B (Vacant)

C Construction

Tap into the existing structure to allow the pipe to be flush with the interior wall of the existing pipe or structure.

All necessary temporary shoring needed for construction of this item will not be paid for separately but will be included in this item of work.

D Measurement

The department will measure Storm Sewer Tap as each individual storm sewer tap, 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	Storm Sewer Tap	EACH

Payment is full compensation for providing all materials, including saw cuts, for excavating; for removing concrete; for providing and removing sheeting and shoring, making connections to new or existing facilities, and for cleaning out.

44. Adjust Sanitary Sewer Manhole Covers, Item SPV.0060.07.

A Description

This special provision describes work required to adjust sanitary sewer manholes as shown in the plans and according to standard spec 611.

B Materials

The contractor shall provide pre-cast concrete rings. Trowelable mastic shall be installed between the manhole frame and cast iron rings.

C Construction

Adjust manholes by raising or lowering structures. Structures adjusted in pavement shall be raised to within 1/4-inch of finished pavement grades.

D Measurement

The department will measure Adjust Sanitary Sewer Manhole by each individual manhole adjustment, acceptably completed.

E Payment

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

ITEM NUMBER	DESCRIPTION	UNIT
SPV.0060.07	Adjust Sanitary Sewer Manhole Covers	EACH

Payment is full compensation for adjusting manholes; furnishing and placing all materials required for adjusting manhole covers to grade.

45. Moving Existing Bus Stop Shelter, Item SPV.0060.08.

A Description

This special provision describes work required to Moving Existing Bus Shelter to the location shown on the plans.

B Materials

Provide all materials required to install existing bus shelter at the location shown on the plan. All materials required to install the shelter in new location shall be approved by the City of Racine Transit and Parking Manager (Transit Manager).

C Construction

Contact Transit Manger: Michael J. Maierle at (262) 636-9780 five days prior to removing existing shelter from the concrete pad. Remove existing shelter from the exiting location, store them at the location designated by the Transit Manager, construct the concrete pad as shown on the plan, install the hardware required to install shelter on the new concrete pad, install the shelter on new pad as directed by the Transit Manager.

D Measurement

The department will measure Moving Existing Bus Shelter by each individual shelter, acceptably completed.

E Payment

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

ITEM NUMBER	DESCRIPTION	UNIT
SPV.0060.08	Moving Existing Bus Stop Shelter	EACH

Payment is full compensation for removing, cleaning, storing, and installing existing bus stop shelter at new concrete pad. Concrete pad is paid separately as a concrete sidewalk.

46. Traffic Signal Controller and Cabinet, Item SPV.0060.09.

A Description

This specification describes furnishing an operational NEMA TS2 Type 1 traffic signal control cabinet ready for testing by the department and subsequent installation.

B Materials

B.1 General

Furnish and install equipment and assemble the cabinet conforming to the latest revision of NEMA Standards Publication TS 2 Version 2.06 (R2008), Traffic Controller Assemblies with NTCIP Requirements, National Electrical Manufacturers Association, hereinafter called NEMA TS2 Standard, except where modified in this specification. Conform all work to the Wisconsin State Electrical Code (WSEC). Conform all work to standard spec 651, as supplemented or modified in this specification.

Provide cabinets designed for TS2 Type 2 operation. Pre-wire cabinets for a minimum of 16 phases as specified herein.

All equipment, materials, and cabinet features shall be the same type, make, and model on all cabinets delivered under any one order.

Furnish and install at no extra cost any equipment and materials not specifically described but required in order to perform the intended functions in the cabinet.

Provide arc flash protection within the cabinet as needed to satisfy NFPA 70E and OSHA requirements.

B.2 Cabinet

C.2.1 Design

Furnish a door-in-door ground mounted (without anchor bolts) aluminum cabinet of clean-cut design and appearance. Provide a cabinet of minimum size 44 inches wide, minimum 24 inches deep and minimum 52 inches to maximum 60 inches high. The size of the cabinet shall provide ample space for housing the controller, all of the associated devices which are to be furnished with the controller, all other auxiliary devices herein specified, and all equipment to be furnished and installed by others.

The cabinet shall comply with the environmental and operating standards outlined in the NEMA TS2 Standard. The cabinet shall provide reasonable vandalism protection. The cabinet shall have a NEMA 3R rating.

Construct the cabinet from type 5052-H32 aluminum with a minimum thickness of 0.125 inches. Furnish the cabinet with a natural, uncoated, aluminum finish inside and outside. Continuously weld all seams. The surface shall be smooth, free of marks and scratches. Use stainless steel for all external hardware.

On the top of the cabinet, incorporate a 1-inch slope toward the rear to prevent rain accumulation. Incorporate a rain channel into the design of the main door opening to prevent liquids from entering the enclosure.

Include an exhaust plenum with a vent screen into the roof of the cabinet. Perforations in the vent screen shall not exceed 0.125 inches in diameter. Insulate the remaining area of the roof of the cabinet with a moisture resistant rigid foam board insulation with a minimum R value of 4.0 that can be perforated for an antenna.

Equip the lower section of the cabinet door with a louvered air entrance. The air inlet shall be large enough to allow sufficient air flow per the rated fan capacity. Louvers must satisfy the NEMA rod entry test for Type 3R ventilated enclosures. Secure a washable, aluminum, removable air filter to the air entrance. The filter shall fit snugly against the cabinet door wall. Attach an aluminum, easily removable, gasketed cover over the air filter and louver.

B.2.2 Doors

The cabinet door opening shall be a minimum of 80 percent of the front surface of the cabinet. The main door and police door-in-door shall each close against a weatherproof and dust-proof, closed-cell neoprene gasket seal. The gasket material for the main door shall be a minimum of 0.188 inches thick by 1.00 inch wide. The gasket material for the police door shall be a minimum of 0.188 inches thick by 0.500 inches wide. Permanently bond the gaskets to the cabinet.

Equip the main door with a three-point latching mechanism. The upper and lower locking points of the latching mechanism shall each have a pair of nylon rollers. The handle on the main door shall utilize a shank of stainless steel 3/4 inches minimum diameter. The handle shall include a hasp for the attachment of an optional padlock. The cabinet door handle may turn either clockwise or counterclockwise to open and shall not extend outwards past the edge of the door at any time. Position the lock assembly so the key will not cause any interference with the handle, or a person's hand on the handle, when opening the cabinet door.

Include on the main door a solid stainless steel rod stop and catch mechanism capable of rigidly holding the door open at approximately 90, 120, and 180 degrees under windy conditions. The operator must be able to engage and disengage the catch with a shoed or booted foot.

The main door hinge shall be a one-piece, continuous piano hinge with a minimum 0.25 inch stainless steel pin running the entire length of the right side of the door (right-handed). Attach the hinge in such a manner that no rivets or bolts are exposed.

Equip the main door with a brass Corbin tumbler lock No. 2, swing away dust cap.

Electrically bond the door to the rest of the cabinet with a braided copper grounding conductor. The length of the grounding conductor shall allow the door to swing fully open, without using the stop bar, without stretching or breaking the grounding conductor. The grounding conductor shall not interfere with normal door operation.

Provide a door switch for the main cabinet door. When the door is opened the switch shall send a signal to the controller sufficient for the controller to log an alarm.

B.2.3 Shelves and Mountings

Mount a minimum of three vertical "C" channels on each interior side wall of the cabinet for the purpose of mounting the cabinet components. The channels shall accommodate spring mounted nuts or studs. Install three vertical "C" channels or three slotted rails on the interior back wall of the cabinet. All mounting channels and rails shall extend to within 7 inches of the top and bottom of the cabinets and shall be of sufficient strength to rigidly hold specified shelves and equipment.

Provide two full-width, 11-inch deep, fully adjustable, aluminum shelves to support the controller and other equipment. Mount the lower shelf at a height above the bottom of the cabinet such that the shelf and attached drawer does not interfere with the ability to tilt the terminal facility forward on its hinges for maintenance purposes. Mount the top shelf at least 13 inches above the surface of the lower shelf.

Provide Siemens M62 controller and EDI MMU2. Locate on the lower shelf. Locate the loop detector racks and other auxiliary equipment on the top shelf. The power supply may be mounted on either shelf.

Provide an under-shelf drawer beneath the lower shelf. The drawer shall be approximately 20 inches wide and a minimum of 12 inches deep. The drawer shall operate easily and smoothly and shall have a stop to prevent inadvertently pulling the drawer out of its support. Design the stop to allow purposeful complete removal of the drawer without the use of tools. Provide a slide out shelf capable of supporting a 5 pound,

14-inch wide by 11-inch deep load. This slide out support can be the cover for the drawer, as long as it extends far enough out to support the entire 11-inch depth of the laptop.

Provide a fully wired receptacle on the door that is specifically designed to support the twist and lock style plug specified for the heater element. Locate receptacle such that when installed, heater should be mounted a minimum of 6.5 inches from the bottom of the door.

B.2.4 Auxiliary Cabinet Equipment

Ventilate the cabinet by means of a 120 VAC, 60HZ, tube axial compact type fan located in the top of the cabinet plenum. The fan's free delivery airflow shall be equal to or greater than 100 cubic feet per minute. The magnetic field of the fan motor shall not affect the performance of control equipment. The fan bearings shall operate freely. The fan unit shall not crack, creep, warp, or have bearing failure within a seven year duty cycle. The maximum noise level shall be less than 40 decibels. The fan unit shall be corrosion resistant. The thermostat's turn on setting shall be adjustable from 90 to 120 degrees F. The fan shall run until the cabinet temperature decreases below the turn-on temperature setting by approximately 30 degrees F. The fan shall be fused.

Mount a single LED light strip (GESS32-13200K or approved equal) at the top of the cabinet and the appropriate power supply to support up to four light strip panels. Wire the power supply to an ON/OFF toggle switch. Mount two LED light strips under the lower shelf fed off the power supply on the top of the cabinet. Locate one strip on each side of the drawer.

Provide a thermostat with an adjustable setting from 0 to 100 degrees F. Install the thermostat on the interior ceiling of the cabinet well away from the cabinet light or any heat source. Provide a thermal limit switch to prevent the heater's protective cover from exceeding 170 degrees F.

B.3 Terminals and Facilities

B.3.1 Terminal Facility

The terminal facility panel shall be constructed from 5052-H32 brushed aluminum of 0.125 inches minimum thickness and formed so as to eliminate any flexing when plug-in components are installed.

Mount the bottom of the terminal facility a minimum of 9 inches from the bottom of the cabinet. Hinge the terminal facility at the bottom to allow easy access with simple tools to all wiring on the rear of the panel. It shall not be necessary to remove the lower shelf, the shelf drawer, or any shelf-mounted equipment to hinge down the terminal facility. Provide sufficient slack in the load bay wiring to allow for dropping the load bay.

Fully wire the terminal facility with 16 load switch sockets: 8 phases of vehicular, 4 phases of pedestrian, and 4 phases of overlap operation; 8 flash transfer relay sockets; 1 flasher socket; and 2 terminal facility BIU rack slots. The use of printed circuit boards is not acceptable on the terminal facility, except printed circuit boards are acceptable for the BIU interface with the load bay. Position the 16 load switch sockets in two horizontal rows of 8 sockets each. Support the load switches and flasher by a bracket or shelf extending at least 3 inches from the terminal facility.

Label all terminals, load switches, and flash transfer relay sockets. Label reference designators by silk-screening on the front and rear of the terminal facility to match drawing designations.

Provide rack mounted BIUs. Provide a dual-row, 64-pin female DIN 41612 Type B connector for each BIU rack position. Provide card guides for both edges of the BIU. Terminal and facilities BIU mounting shall be an integral part of the terminal facility.

Provide one 16-channel, 8-position, TS2 detector rack with an integrally mounted BIU mounting. Rack shall be addressable. Power the detector rack by the cabinet power supply. Fasten the loop detector racks towards the left side of the top shelf. Additional racks shall be treated as add-on items.

For BIU rack connectors, provide pre-wired address pins or jumper plugs corresponding to the requirements of the NEMA TS2 Standard. The address pins or jumper plugs shall control the BIU mode of operation. BIUs shall be capable of being interchanged with no additional programming.

For the terminal facility, contain all field wires within one or two rows of horizontally-mounted Marathon (or approved equal) heavy duty terminal blocks. Terminate all field output circuits on an unfused terminal block with a minimum rating of 10 amps. Use mechanical connector lugs rated for copper wire. Angle the lower section of the terminal block out from the back of the cabinet at approximately a 45 degree angle.

Identify all field input/output (I/O) terminals by permanent alphanumeric labels. All labels shall use standard nomenclature per the NEMA TS2 Standard.

All field flash sequence programming at the field terminals shall be able to be accomplished with the use of only a screwdriver.

Wire field terminal blocks to use three positions per vehicle or overlap phase (green, yellow, red).

Wire one RC network in parallel with each flash transfer relay coil.

Permanently label all logic-level, NEMA-controller and MMU2 input and output terminations on the terminal facility. Identify the function of each terminal position on the cabinet drawings.

Terminal blocks for DC signal interfacing shall have a number 6-32 x 7/32 inch screw as minimum. Functions to be terminated shall be as specified in the listing of Input/Output Terminals in Section 5 of the NEMA TS2 Standard.

Conform all terminal facility and cabinet wiring to the WSEC. The green/walk, yellow, and red/don't walk load switch outputs shall be minimum 16 gauge wire. The MMU2 (other than AC power), controller I/O, and logic ground shall be minimum 22 gauge wire. All wire colors shall be consistent in all cabinets furnished in one order.

B.3.2 Auxiliary Panels

B.3.2.1 Vehicle Detection Interface Panel

Provide a 32-position interface panel or two 16-position panels. Each interface panel shall allow for the connection of 32 or 16 independent field loops, respectively. The panels shall have barrier strip type terminals using 8-32 screws and be rated for 20 inch pounds of torque.

Provide a ground bus terminal between each loop pair terminal to provide a termination for the loop lead-in cable ground wire. Secure the interface panels to a mounting plate attached to the left interior side wall of the cabinet.

Provide a cable consisting of 20 AWG twisted pair wires to enable connection to and from the interface panel to a detector rack. The twisted pair wires shall be color-coded wires. Provide a cable of sufficient length to allow the detector rack to be placed on either shelf.

Provide a pathway or mechanism for securing loop lead in cables neatly next to interface panel.

Identify all termination points by a unique number silk screened on the panel.

B.3.3 Conductors and Cabling

All conductors in the cabinet shall be copper 22 AWG or larger. All 14 AWG and smaller wire shall conform to MIL-W-16878/1, Type B, 600V, 19-strand tinned copper. The wire shall have a minimum of 0.010 inches thick PVC insulation without clear nylon jacket and rated to 105 degrees Celsius. All 12 AWG and larger wire shall be UL or NRTL listed THHN/THWN 90 degrees Celsius, 600V, 0.020 inches thick PVC insulation, and clear nylon jacketed.

Provide controller and MMU2 cables of sufficient length to allow the units to be placed on either cabinet shelf in the operating mode. Connecting cables shall be sleeved in a braided nylon mesh. Exposed tie-wraps and interwoven cables are unacceptable.

Provide the cabinet configuration with enough SDLC RS-485 Port 1 communication cables to allow full capabilities of that cabinet. Each communication cable connector shall be a 15-pin metal shell D subminiature type. The cable shall be a shielded cable suitable for RS-485 communications. Secure all connecting cables and wire runs by mechanical clamps. Stick-on type clamps are not acceptable.

Pre-wire the terminal facility for a Type 16 MMU2.

All wiring shall be neat in appearance. Stow excess cable behind the terminal facility or below the shelves in order to allow easy access to the terminal facility and cabinet components. All cabinet wiring shall be continuous from its point of origin to its termination point. Butt type connections/splices are not acceptable.

Wire the grounding system in the cabinet into three separate circuits: AC Neutral, Earth Ground, and Logic Ground.

Optoisolate all pedestrian pushbutton inputs from the field to the controller through the BIU and operate at 12 VAC.

Hook or loop all wire, size 16 AWG or smaller, at solder joints around the eyelet or terminal block post prior to soldering to ensure circuit integrity. Lap joint soldering is not acceptable.

B.3.4 Cabinet Switches

Locate the following switches on a maintenance panel on the inside of the cabinet door:

- a. Controller On/Off
- b. Stop Time (Three Positions)

Position Switch Label Function.

Upper Stop Time Place stop time on the controller.

Center Run Remove the stop time input to the controller.

Lower Normal Connects the MMU2 to the controller stop time input.

Locate the following switches behind the police access door:

- a. Signal/Off
- b. Flash/Normal
- c. Hand/Auto
- d. Coiled hand control and cable

The above switches shall function as follows:

Off: Signals Dark.

Signal: Signals On and operating as follows:

Auto Hand.

Flash: Signals Flash Signals Flash.

Normal: Signals Normal Signals Advance by use of hand control.

B.4 Power Panel

B.4.1 Design

The power panel shall consist of a separate module, securely fastened to the interior right side wall of the cabinet. Wire the power panel to provide the necessary power to the cabinet, controller, MMU2, cabinet power supply, and all auxiliary equipment. Manufacture the power panel from 0.090-inch, 5052-H32 aluminum. Panel layout shall facilitate field inspection and maintenance accessibility without excessive disassembly or special tools.

Provide a light, tough, transparent, weather-resistant, non-yellowing, thermoplastic cover, rigidly mounted over the full power panel, with access holes for circuit breakers and other equipment, and open on the sides for ventilation.

All components of power panel shall meet or exceed the electrical requirements as laid out in section 5.4 of the NEMA TS2 Standard.

Provide all necessary components for a battery backup system to be retrofit into the cabinet without needing to make changes to the wiring of the power panel. Battery Backup system will support only essential equipment in the cabinet. Fan, heater, and lighting panel are examples of non-essential equipment not expected to be supported by the battery backup system.

Do not install a jumper between the equipment ground and neutral. Instead, provide this bonding jumper in a separate package labeled "For Grounding Purposes."

B.4.2 Grounding System

On each side of the cabinet, provide a minimum 20-position neutral bus bar capable of connecting three #12 AWG wires per position.

Also on each side of the cabinet, provide a minimum 20-position equipment ground bus bar capable of connecting three #12 AWG wires per position. Install this bus bar below the neutral bus bar.

B.4.3 Power receptacles

Mount a 120 VAC 20 amp, NEMA 5-20R GFCI convenience outlet on the interior right side wall above or as part of the power panel. The outlet shall be fully operational and fuse protected.

Mount a 2-gang outlet on each side of the cabinet. Both of these outlets should be wired off the circuit breaker fed off the surge protector.

B.5 Auxiliary Devices

B.5.1 Flashers

Provide one solid state flasher conforming to the requirements of section 6.3 of the NEMA TS2 Standard.

B.5.2 Flash Transfer Relays

Provide four flash transfer relays conforming to the requirements of section 6.4 of the NEMA TS2 Standard.

B.5.3 Cabinet Power Supply

Provide one power supply with each cabinet conforming to the requirements of section 5.3.5 of the NEMA TS2 Standard. Provide LED indicators for the 12 VDC, 12 VAC, and 24 VDC outputs. Provide jack plugs on the front panel for access to the +24 VDC for test purposes.

G. Bus Interface Units (BIU)

Provide three BIUs conforming to the requirements of section 8 of the NEMA TS2 Standard. Provide two BIUs with the main panel and one BIU with one of the detector racks.

B.6 Documentation

B.6 Cabinet Intersection Wiring Diagrams

At the time of the cabinet delivery, furnish with the cabinet three sets of printed 22-inch by 34-inch wiring diagrams.

C Construction

Install equipment as shown on the plans and as specified in this special provision.

D Measurement

The department will measure Traffic Signal Controller and Cabinet as a single unit of work for each controller location, acceptably completed.

E Payment

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

ITEM NUMBER	DESCRIPTION	UNIT
SPV.0060.09	Traffic Signal Controller and Cabinet	EACH

Payment is full compensation for furnishing and installing the signal controller and conflict monitor together with cabinet, switches for flashing operation and fittings as are necessary to assure that the controller will perform said functions.

47. Luminaires Utility LED 100 Watts, Item SPV.0060.10.

A Description

Perform work according to the applicable provisions of section 659 of the standard specifications and as detailed on the plans.

B Material

Furnish light fixture with LED lamping.

Fixture shall be equipped with full cutoff, Type II segmented optics as shown on the plans.

LED lamping shall have a color temperature rating of 5700 degrees Kelvin; $\pm 400K$.

LED driver shall have an operating temperature rating of $-40^{\circ}F$ to $105^{\circ}F$.

Fixture shall be LEDway Street Light model STR-LWY-2M-HT-06-E-UL-SV-525 as manufactured by Cree, or equal.

Provide mounting hardware as required to mount LED light fixture on light pole arms. All mounting hardware shall be stainless steel.

C Construction

Construct Luminaires Utility LED 139 Watts in accordance with the standard spec 659.3.

D Measurement

The department will measure Luminaires Utility LED 100 Watts 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.0060.10	Luminaires Utility LED 100 Watts	EACH

Payment will be according to standard spec 659.5.

48. Decorative Lighting Arm and Fixture Unit, Item SPV.0060.11.

A Description

This special provision describes furnishing and installing decorative lighting arm fixture unit on signal poles.

B Materials

Decorative lighting arm and fixture assembly shall be as shown on the plans and as specified herein. The decorative lighting arm and fixture shall be as manufactured by Holophane Lighting, Inc., Model ESL2 P30S 50K AS BK TG 3 S; WLDF13/200/BK; WLC48/1CABKH. Fixture voltage and accessories shall be coordinated with the City of Racine’s personnel. Holophane Lighting is locally represented by Steve Cotey at (262) 783-4100. Holophane Luminaire: Esplanade Utility Teardrop LED 2, 118 watt system, 5000K, AutoSensing, 120-277 Volt, Black Finish, Asymmetric Teardrop Type 3 Prismatic Glass, Quick Lock Stem Mount. Arm and Arm Fitter: West Liberty 48-inch roadway arm for mounting a single luminaire; West Liberty decorative cast aluminum, black leveling arm fitter with 2-inch slip-fit connection. Additionally, provide a 3-inch diameter by 9-inch tall post-top tenon welded on top of the signal pole for mounting the decorative lighting arm in lieu of providing a pole top cap. The pole assembly shall be fabricated to account for the effective projected area (EPA) and weight requirements of the installed arm and fixture. All finishes shall be standard Holophane black.

C Construction

The lighting unit shall be assembled and installed per the manufacturer’s instructions. Install unit with proper luminaire orientation and as indicated on the plans.

D Measurement

The department will measure Decorative Lighting Arm and Fixture Unit as each individual unit, acceptably completed.

E Payment

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

ITEM NUMBER	DESCRIPTION	UNIT
SPV.0060.11	Decorative Lighting Arm and Fixture Unit	EACH

Payment is full compensation for providing and installing all materials including hardware, fittings, mounting devices, and attachments necessary to completely install the decorative lighting arm and fixture assembly on signal poles.

49. Arm-Mounted Decorative Lighting Unit, Item SPV.0060.12.

A Description

This special provision describes furnishing and installing decorative light poles, transformer bases, decorative lights, decorative lighting arms, and appurtenances.

B Materials

Decorative lighting assembly shall be as shown on the plans and as specified herein. The decorative lighting arm and fixture assembly shall be as manufactured by Holophane Lighting, Inc., Model ESL2 P30S 50K AS BK TG 3 S; WLDF13/200/BK; WLC48/1CABKH. Fixture voltage and accessories shall be coordinated with the City of Racine's personnel. Holophane Lighting is locally represented by Steve Cotey at (262) 783-4100. Holophane Luminaire: Esplanade Utility Teardrop LED 2, 118 watt system, 5000K, AutoSensing, 120-277 Volt, Black Finish, Asymmetric Teardrop Type 3 Prismatic Glass, Quick Lock Stem Mount. Arm and Arm Fitter: West Liberty 48-inch roadway arm for mounting a single luminaire; West Liberty decorative cast aluminum, black leveling arm fitter with 2-inch slip-fit connection. All finishes shall be standard Holophane black.

Provide standard Poles Type 5 - Aluminum and Transformer Bases Breakaway 11 1/2-Inch Bolt Circle for each assembly with the following modifications:

- 1) The color of the pole and transformer base shall match the color of the decorative lighting assembly. Submit a sample of the color for approval by the engineer prior to construction.
- 2) Provide a 3-inch diameter by 9-inch tall post-top tenon welded on top of the pole for mounting the decorative lighting arm in lieu of providing a pole top cap.
- 3) The pole assembly shall be fabricated to account for the effective projected area (EPA) and weight requirements of the installed arm and fixture.
- 4) Acceptable pole and transformer base manufacturers shall also include Holophane Lighting Inc.

C Construction

The lighting unit shall be assembled and installed per the manufacturer's instructions. Install unit with proper luminaire orientation and as indicated on the plans.

D Measurement

The department will measure Arm-Mounted Decorative Lighting Unit as each individual unit, acceptably completed.

E Payment

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

ITEM NUMBER	DESCRIPTION	UNIT
SPV.0060.12	Arm-Mounted Decorative Lighting Unit	EACH

Payment is full compensation for providing and installing all materials including hardware, fittings, mounting devices, and attachments necessary to completely install the decorative lighting assembly.

50. Install Existing Circuit Into New Pull Box, Item SPV.0060.13.

A Description

This special provision describes installing existing circuit unit duct/conduit into a proposed pull box and splicing with proposed wiring within the pull box.

B Materials

Furnish model SSWB splice connectors as manufactured by Polaris Electrical Connectors, model ULS splice connectors as manufactured by Connector Manufacturing Company, or approved equal, quantity and size as required to splice existing wire quantities and sizes. Furnish backfill material, topsoil, fertilizer, seed, and mulch conforming to the requirements of pertinent provisions of the standard specifications.

C Construction

Expose the outside of the existing unit duct/conduit and wire near the new pull box installation location. Cut and reroute the existing unit duct/conduit and wire into an appropriately sized hole in the new pull box for the entering unit duct/conduit and wire, leaving sufficient wire length to splice to new wiring within the pull box. Where existing wiring is direct-buried cabling, a properly sized conduit sleeve (2-inch minimum size), four feet minimum length, shall be provided for direct-buried cabling entry into the pull box. Fill void area between the drilled hole and unit duct/conduit with an engineer-approved filling material to protect against conduit movement and entry of fill material into the pull box. Tamp backfill into place.

Splice the existing wiring with new electrical wire lighting within the new pull box using new splice connectors.

D Measurement

The department will measure Install Existing Circuit Into New Pull Box as a single unit of work, acceptably completed. Up to five splice connectors installed per unit duct/conduit entry will be considered a single unit. Splice connectors in excess of five will constitute multiple units of payment.

E Payment

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

ITEM NUMBER	DESCRIPTION	UNIT
SPV.0060.13	Install Existing Circuit Into New Pull Box	EACH

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

51. Concrete Bases Type 10 Special, Item SPV.0060.14.

A Description

This special provision describes constructing concrete bases for Monotube Type 9 and 10 Special Poles, conform to standard spec 654. Details are shown in the plans.

B Materials

Materials shall be according to standard spec 654.

C Construction

Construction shall be according to standard spec 654.

D Measurement

The department will measure Concrete Bases Type 10 Special at the contract unit price, acceptably completed.

E Payment

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

ITEM NUMBER	DESCRIPTION	UNIT
SPV.0060.14.	Concrete Bases Type 10 Special	EACH

Payment is full compensation for providing concrete bases; for embedded conduit and electrical components; for bar steel reinforcement; if required; for excavating, backfilling, and disposing of surplus materials.

52. Salvaging and Resetting Planter Pole Assembly, Item SPV.0060.15.

A Description

This special provision describes removing and resetting planter pole assembly to the pole from their concrete bases and reinstalling them onto new concrete bases as shown on the plans and as hereinafter provided.

B (Vacant)

C Construction

Remove, handle, store, and transport existing planter pole assembly in a manner that prevents damage to them. If the contractor damages the planter poles through their own operations, then the contractor shall replace them at no expense to the department.

D Measurement

The department will measure Salvaging and Resetting Planter Pole Assembly as each individual salvaging and relocating planter pole assembly, acceptably completed.

E Payment

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

ITEM NUMBER	DESCRIPTION	UNIT
SPV.0060.15	Salvaging and Relocating Planter Pole Assembly	EACH

Payment is full compensation for relocating light poles; including all fixtures; for all required modifications to existing wire and conduit as shown on the plans; for all excavating, backfilling, stockpiling, disposing of surplus material and for cleaning out and restoring the work site.

53. Luminaires Utility LED 139 Watts, Item SPV.0060.16.

A Description

Perform work according to the applicable provisions of standard spec 659 and as detailed on the plans.

B Material

Furnish light fixture with LED lamping.

Fixture shall be equipped with full cutoff, Type II segmented optics as shown on the plans.

LED lamping shall have a color temperature rating of 5700 degrees Kelvin; ±400K.

LED driver shall have an operating temperature rating of -40°F to 105°F.

Fixture shall be LEDway Street Light model STR-LWY-2M-HT-08-E-UL-SV-525 as manufactured by Cree, or equal.

Provide mounting hardware as required to mount LED light fixture on light pole arms. All mounting hardware shall be stainless steel.

C Construction

Construct Luminaires Utility LED 139 Watts in accordance with the standard spec 659.3.

D Measurement

The department will measure Luminaires Utility LED 139 Watts 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	Luminaires Utility LED 139 Watts	EACH

Payment will be according to standard spec 659.5.

54. Luminaires Utility LED 66 Watts, Item SPV.0060.17.

A Description

Perform work according to the applicable provisions of section 659 of the standard specifications and as detailed on the plans.

B Material

Furnish light fixture with LED lamping.

Fixture shall be equipped with full cutoff, Type II segmented optics as shown on the plans.

LED lamping shall have a color temperature rating of 5700 degrees Kelvin; ±400K.

LED driver shall have an operating temperature rating of -40°F to 105°F.

Fixture shall be LEDway Street Light model STR-LWY-2M-HT-04-E-UL-SV-525 as manufactured by Cree, or equal.

Provide mounting hardware as required to mount LED light fixture on light pole arms. All mounting hardware shall be stainless steel.

C Construction

Construct Luminaires Utility LED 139 Watts in accordance with the standard spec 659.3.

D Measurement

The department will measure Luminaires Utility LED 66 Watts 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	Luminaires Utility LED 66 Watts	EACH

Payment will be according to standard spec 659.5.

55. Sealing Manhole Openings, Item SPV.0060.18.

A Description

This special provision describes sealing openings within an existing storm sewer manhole after removing existing storm sewer pipe(s) connected to it.

Perform the work according to the applicable provisions of standard spec 204 and 611, and as hereinafter provided.

B (Vacant)

C Construction

Thoroughly clean the opening on the storm sewer structure after removing the storm sewer pipes and seal them with brick, concrete block, or any grade of concrete specified under standard spec 611.1.

D Measurement

The department will measure Sealing Manhole Openings as each individual 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.0060.18	Sealing Manhole Openings	EACH

Payment is full compensation for providing all materials and for cleaning out.

**56. Perennial Plants, Purple Coneflower 1 Gal CG, Item SPV.0060.19
Perennial Plants, Prairie Dropseed 1 Gal CG, Item SPV.0060.20.**

A Description

This special provision describes providing perennial plant materials according to the plans. Complete in place at the locations as designated on the plans, or as directed by the engineer conforming to standard spec 632 and as hereinafter provided.

B Materials

Furnish per standard spec 632.1.

C Construction

Install plants as detailed and according with pertinent provisions of standard spec 632.

D Measurement

The department will measure Perennial Plants by plant, 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.0060.19	Perennial Plant, Purple Coneflower 1 Gal CG	EACH
SPV.0060.20	Perennial Plant, Prairie Dropseed 1 Gal CG	EACH

Payment is full compensation for providing, transporting, handling, storing, placing, and replacing plant materials; for excavating all plant holes, salvaging topsoil, mixing, and backfilling; for providing and applying all required fertilizer, mulch, water, herbicides, for disposing of all excess and waste materials; and for furnishing all labor, tools, equipment, and incidentals necessary to complete the contract work. Bid item 632.9101 covers landscape planting surveillance and care for perennial.

57. Panel Type A, Item SPV.0060.21; Panel Type B, Item SPV.0060.22; Panel Type C, Item SPV.0060.23.

A Description

This special provision describes providing Panel Type A, B, and C, as shown on the plans and hereinafter described.

B Materials

Design bases to be breakaway as required by the department. Submit breakaway mounting bracket shop drawings and product information for department approval.

Engineer brackets to support wind loads from decorative panels.

Submit shop drawings for review and approval.

Furnish concrete and steel reinforcement conforming to standard spec 654.

Use materials of designated type, size, and thickness or, if not shown, of required strength, stiffness, and durability. Work to field measurements and shop drawings, using industry standard methods of fabrication and support. Miscellaneous framing and support members shall comply with AISC Specification.

Where exposed to view, use materials that are smooth and free of surface blemishes such as pitting, seam marks, roller marks, rolled trade names, and roughness.

Form work true to line and level with accurate angles and surfaces and straight sharp edges. Ease exposed edges, including panel cutouts, to a radius of approximately 1/32 inch unless otherwise shown.

Weld filets so that they are smooth without undercut and no splatter; comply with AWS recommendations.

Preassemble and fit items to avoid field splicing and assembly.

Aluminum Angle and Tube Extrusions: ASTM B 221 alloy and temper recommended by aluminum producer and finisher for type of use and finishes indicated, and with at least the strength and properties of Alloy 6063-T5.

Aluminum Sheet and Plate: ASTM B 221 alloy and temper recommended by aluminum producer and finisher for type of use and finishes indicated, and with at least the strength and properties of Alloy 5005-H32.

Woven Wire Mesh: Lock crimp woven aluminum wire, 2-inch x 2-inch grid pattern, powder coated finish.

16-gauge. Aluminum trim, 12-gauge to 16-gauge aluminum clips and type 304 stainless steel fasteners and miscellaneous.

Metal Finishes: Powder coated finish to match towers at Washington Avenue and 7th Street roundabout in Racine.

C Construction

Install per manufacturer’s recommendation and as shown on shop drawings. Set work elevation, plumb, level, and true. Provide temporary bracing as required.

D Measurement

The department will measure Panel Type (type) by each panel, acceptably completed.

E Payment

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

ITEM NUMBER	DESCRIPTION	UNIT
SPV.0060.21	Panel Type A	EACH
SPV.0060.22	Panel Type B	EACH
SPV.0060.23	Panel Type C	EACH

Payment is full compensation for furnishing, transporting and placing all materials.

58. Tree Grate, Item SPV.0060.24.

A Description

This special provision describes providing tree grate with frame and all hardware necessary for installation in the location and manner specified in the plans.

B Materials

Submit shop drawings for review and approval.

Furnish Gray Iron castings tree grates and frames conforming to ASTM A-48 Class 35B or better. They shall be of uniform quality, free from blowholes, porosity, hard spots, shrinkage distortion or other defects. The tree grates and frames shall be smooth and well cleaned by shot-blasting and free of paint or primer. The tree grate pattern shall conform to the pattern shown in the details and shall comply with A.D.A. Guidelines.

C Construction

Install as detailed per plans and according to the manufacturer’s recommendations. Set frame so that grate will be flush with adjoining surfaces. Shim grate with soil-resistant plastic if necessary. Maintain a 3-inch minimum growth radius around base of tree; break away units of casting, if necessary, according to manufacturer's written instructions.

D Measurement

The department will measure Tree grate by each grate, acceptably completed.

E Payment

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

ITEM NUMBER	DESCRIPTION	UNIT
SPV.0060.24	Tree Grate	EACH

Payment is full compensation for furnishing and installing all necessary materials, including tree grate, frame, and necessary hardware.

59. Marking Contrast Epoxy 4-inch, Item SPV.0090.01.

A Description

This special provision describes applying contrast epoxy marking conforming to standard spec 646, as the plans show, and as follows.

B Materials

Furnish epoxy pavement marking materials conforming of standard spec 646.2.

C Construction

Apply two 1 1/2-inch wide black epoxy lines with a 4-inch separation between the two black lines for the first pass, followed by a 4-inch wide white epoxy line second pass, for a total width of 7 inches. Apply epoxy pavement marking conforming to standard spec 646.3.

D Measurement

The department will measure Marking Contrast Epoxy 4-Inch Special by the linear foot, acceptably completed, measured once as the length of the centerline of the completed installation.

E Payment

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

ITEM NUMBER	DESCRIPTION	UNIT
SPV.0090.01	Marking Contrast Epoxy 4-Inch	LF

Payment is full compensation for providing replacement marking.

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60. Marking Contrast Epoxy 8-inch, Item SPV.0090.02.

A Description

This special provision describes applying contrast epoxy marking conforming to standard spec 646, as the plans show, and as follows.

B Materials

Furnish epoxy pavement marking materials conforming of standard spec 646.2.

C Construction

Apply two 1 1/2-inch wide black epoxy lines with an 8-inch separation between the two black lines for the first pass, followed by an 8-inch wide white epoxy line second pass, for a total width of 11 inches. Apply epoxy pavement marking conforming to standard spec 646.3.

D Measurement

The department will measure Marking Contrast Epoxy 8-Inch Special by the linear foot, acceptably completed, measured once as the length of the centerline of the completed installation.

E Payment

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

ITEM NUMBER	DESCRIPTION	UNIT
SPV.0090.02	Marking Contrast Epoxy 8-Inch	LF

Payment is full compensation for providing replacement marking.

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**61. Remove Traffic Signals Walgreens Driveway, Item SPV.0105.01;
Remove Traffic Signals Ohio Street, Item SPV.0105.02;
Remove Traffic Signals Lathrop Avenue, Item SPV.0105.03;
Remove Traffic Signals Hayes Avenue, Item SPV.0105.04;
Remove Traffic Signals West Boulevard, Item SPV.0105.05.**

A Description

This special provision describes removing existing traffic signals at the intersection of STH 20 and Walgreens Driveway, STH 20 and Ohio Street, STH 20 and Lathrop Avenue, STH 20 and Hayes Avenue, and STH 20 and West Boulevard 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.

Contact Ara Molitor, City of Racine, at (262) 636-9487 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 department 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 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, emergency vehicle preemption heads (evp), 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 remaining materials to 1415 Hampden Place, Racine WI 53403. Contact Ara Molitor, City of Racine, at (262) 636-9487 at least five working days prior to delivery to make arrangements.

Remove the signal cabinet from the footing. The signal cabinet and associated signal cabinet equipment shall be delivered Deliver to 1415 Hampden Place, Racine WI 53403. Contact Ara Molitor, City of Racine, at (262) 636-9487 at least five working days prior to delivery to make arrangements.

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

D Measurement

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

E Payment

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

ITEM NUMBER	DESCRIPTION	UNIT
SPV.0105.01	Remove Traffic Signals Walgreens Driveway	LS
SPV.0105.02	Remove Traffic Signals Ohio Street	LS
SPV.0105.03	Remove Traffic Signals Lathrop Avenue	LS
SPV.0105.04	Remove Traffic Signals Hayes Avenue	LS
SPV.0105.05	Remove Traffic Signals West Boulevard	LS

Payment is full compensation for removing, disassembling traffic signals, scrapping of some materials, disposing of scrap material, for delivering the requested materials to the department, and incidentals necessary to complete the contract work.

- 62. Video Detection System Perry Avenue, Item SPV.0105.06;
Video Detection System Ohio Street, Item SPV.0105.07;
Video Detection System Lathrop Avenue, Item SPV.0105.08;
Video Detection System Hayes Avenue, Item SPV.0105.09;
Video Detection System West Boulevard, Item SPV.0105.10.**

A Description

This specification sets forth the minimum requirements for a system that detects vehicles on a roadway using only video images of vehicle traffic.

B Materials

B.1 System Hardware

The video detection system shall consist of one to six video cameras, a video detection processor (VDP) capable of processing from one to six video sources, and a pointing device.

B.2 System Software

The system shall include software that detects vehicles in multiple lanes using only the video image. Detection zones shall be defined using only an on board video menu and a pointing device to place the zones on a video image. Up to 144 detection zones shall be available. A separate computer shall not be required to program the detection zones.

B.3 Functional Capabilities

The VDP shall process video from up to 6 video sources simultaneously. The sources can be video cameras or S-VHS video tape players. The video shall be input to the VDP in RS170 format and shall be digitized and analyzed in real time. A separate microprocessor, for each video input, shall be used.

The VDP shall detect the presence of vehicles in up to 24 detection zones per camera. A detection zone shall be approximately the width and length of one car.

Detection zones shall be programmed via an on board menu displayed 9" video color monitor and a pointing device connected to the VDP. The menu shall facilitate placement of the detection zones quickly and easily. A separate computer shall not be required for programming detection zones.

The VDP shall store up to three different detection zone patterns. The VDP can switch to any one of the three different detection patterns within 1 second of user request via menu selection with the pointing device.

The VDP shall detect vehicles in real time as they travel across each detection zone.

The VDP shall have a communications port to an external computer. The VDP port shall be multi-drop capable.

The VDP shall accept new detection patterns from an external computer through the port when the external computer uses the correct communications protocol for downloading detection patterns.

The VDP shall send its detection patterns to an external computer through the port when requested when the external computer uses the correct communications protocol for uploading detection patterns.

B.4 Vehicle Detection

Up to 144 detection zones shall be supported and each detection zone can be sized to suit the site and the desired vehicle detection region.

Detection zones shall be capable of being Or'ed or ANDed together to indicate vehicle presence on a single detector output channel.

Placement of detection zones shall be done by using only a pointing device, and a graphical interface built into the VDP and displayed on a video monitor, to draw the detection zones on the video image from each video camera. No separate computer shall be required to program the detection zones.

Up to three detection zone patterns shall be saved for each camera within the VDP memory and this memory shall prevent loss during power outages or camera knock downs.

The selection of the detection zone pattern for current use shall be done through a menu. It shall be possible to activate a detection zone pattern from VDP memory and have that detection zone pattern available within 1 second of activation.

When a vehicle is detected crossing a detection zone, the corners of the detection zone will flash on the video overlay display to confirm the detection of the vehicle.

Detection shall be at least 98 percent accurate in good weather conditions, with slight degradation possible under adverse weather conditions (e.g. rain, snow, or fog) which reduce visibility. Detection accuracy is dependent upon camera placement, camera quality and detection zone location, and these accuracy levels do not include allowances for occlusion or poor video due to camera location or quality. See section 5.12 for recommended camera placement.

The VDP shall provide 32 channels of detection through either a NEMA TS1 port or a NEMA TS2 port.

The VDP shall provide dynamic zone reconfiguration (DZR). DZR enables normal operation of existing detection zones when one zone is being added or modified during the setup process. The VDP shall output a constant call on any detector channel corresponding to a zone being modified.

Detection zones shall be directional to reduce false detections from objects traveling in directions other than the desired direction of travel in the detection area.

Detection zone setup shall not require site specific information such as latitude and longitude to be entered into the system.

Detection zone setup shall not require temporal information such as date and time.

The VDP shall process the video input from each camera using a separate microprocessor at 30 frames per second.

The VDP shall output a constant call for each enabled detector output channel if a loss of video signal occurs. The VDP shall output a constant call during the background learning period.

B.5 VDP Hardware

The VDP shall be housed in a durable metal enclosure suitable for shelf mounting or 19-inch rack mounting in a roadside traffic equipment cabinet. The VDP enclosure shall not exceed 7-inch height, 17.75-inch width, and 10.5-inch depth. The VDP shall be modular in construction with plug in field replaceable units (FRU's) to minimize trouble shooting and repair time.

The VDP shall operate satisfactorily in a temperature range from -34°C to $+74^{\circ}\text{C}$ and a humidity range from 0 percent RH to 95 percent RH, non-condensing as set forth in NEMA specifications.

The VDP shall be powered by 120 VAC 60 Hz single-phase power. Surge ratings shall be as set forth in NEMA specifications. Power consumption shall not exceed 135 watts.

The VDP shall include an RS232 port for serial communications with a remote computer. The VDP RS232 port shall be multi-drop capable. This port shall be a 9 pin female "D" subminiature connector on the front of the VDP.

The VDP shall include ports for transmitting TS1 and TS2 detections to a traffic controller. The TS1 port shall be a 37 pin female "D" connector on the front of the VDP. The TS2 port shall be a 15 pin female "D" connector on the front of the VDP.

The front of the VDP shall include up to six BNC video input connections suitable for RS170 video inputs. Each video input shall include a switch selectable 75-ohm or high impedance termination to allow camera video to be routed to other devices, as well as input to the VDP for vehicle detection.

The front of the VDP shall include one BNC video output. Any one of the six video inputs shall be switch selectable for output on this BNC connection via the pointing device at the VDP, or through software and a personal computer connected through the RS-232 multi-drop port via a full duplex modem link.

The video inputs to the VDP shall include transient voltage suppression and isolation. Amplification that shall assure the 1-volt peak to peak video signal integrity is maintained despite video cabling losses and externally induced transients. The amplifier shall have a minimum common mode rejection at 60 Hz of 90 dB.

The VDP enclosure shall include provisions to be bonded to a good earth ground.

The front face of the VDP shall contain indications, such as LED displays, to enable the user to view real time detections for up to 8 detector output channels at a time.

B.6 Camera

The video cameras used for traffic detection shall be furnished by the VDP supplier and shall be qualified by the supplier to ensure proper system operation.

The camera shall produce a useable video image of the bodies of vehicles under all roadway lighting conditions, regardless of time of day. The minimum range of scene luminance over which the camera shall produce a useable video image shall be the minimum range from nighttime to daytime, but not less than the range 0.1 lux to 10,000 lux.

The camera shall use a CCD sensing element and shall output monochrome video with resolution of not less than 380 lines vertical and 380 lines horizontal.

The camera shall include an electronic shutter control lens. The camera shall include a variable focal length lens with variable focus that can be adjusted, without opening up the camera housing, to suit the site geometry. A single camera configuration shall be used for all approaches in order to minimize the setup time and spares required by the user.

The camera electronics shall include AGC to produce a satisfactory image at night.

The camera shall be housed in a weather-tight sealed enclosure. The housing shall be adjustable to allow proper alignment between the camera and the traveled road surface.

The camera enclosure shall be equipped with a sun shield. The sunshield shall include a provision for water diversion to prevent water from flowing in the camera's field of view. The camera enclosure with sunshield shall be less than 5-inch diameter, less than 14-inch long, and shall weigh less than 5 pounds when the camera and lens are mounted inside the enclosure.

The camera enclosure shall include a thermostatically controlled heater to assure proper operation of the lens shutter at low temperatures and prevent moisture condensation on the optical faceplate of the enclosure.

When mounted outdoors in the enclosure, the camera shall operate satisfactorily in a temperature range from -34°C to $+60^{\circ}\text{C}$ and a humidity range from 0 percent RH to 100 percent RH.

The camera shall be powered by 120 VAC 60 Hz. Power consumption shall be 15 watts or less under all conditions.

Recommended camera placement height shall be 33 feet (or 10 meters) above the roadway, and over the traveled way on which vehicles are to be detected. For optimum detection the camera should be centered above the traveled roadway. The camera shall view approaching vehicles at a distance not to exceed 350 feet for reliable detection (height to distance ratio of 10:100). Camera placement and field of view (FOV) shall be unobstructed and as noted in the installation documentation provided by the supplier.

The camera enclosure shall be equipped with separate, weather-tight connections for power and video cables at the rear of the enclosure. These connections may also allow diagnostic testing and viewing of video at the camera while the camera is installed on a mast arm or pole using a lens adjustment module (LAM) supplied by the VDP supplier. Video and power shall not be connected within the same connector.

The video signal output by the camera shall be color in RS170 or CCIR format. The video signal shall be fully isolated from the camera enclosure and power cabling.

B.7 Installation

The coaxial cable to be used between the camera and the VDP in the traffic cabinet shall be Belden 8281 or a 75 ohm, precision video cable with 20 gauge solid bare copper conductor (9.9 ohms/M), solid polyethylene insulating dielectric, 98 percent (min) tinned copper double-braided shield and black polyethylene outer covering. The signal attenuation shall not exceed 0.78 dB per 100 feet at 10 MHz. Nominal outside diameter is 0.304 inches. The coax cable shall be a continuous unbroken run from the camera to the VDP. This cable shall be suitable for installation in conduit or overhead with appropriate span wire. 75-ohm BNC plug connectors should be used at both the Camera and Cabinet ends.

The supplier of the video detection system shall approve the coaxial cable, BNC connector, and crimping tool, and the manufacturer's instructions must be followed to ensure proper connection.

The power cabling shall be 16 AWG three conductor cable. The cabling shall comply with the National Electric Code, as well as local electrical codes.

The video detection system shall be installed by supplier factory certified installers and as recommended by the supplier and documented in installation materials provided by the supplier.

B.8 Warranty

Warranties longer than the one-year contractor performance bond shall be provided by the manufacturer.

During the warranty period, technical support shall be available from the supplier via telephone within 4 hours of the time a call is made by a user, and this support shall be available from factory-certified personnel or factory-certified installers.

During the warranty period, updates to VDP software shall be available from the supplier without charge.

B.9 Maintenance and Support

The supplier shall maintain an adequate inventory of parts to support maintenance and repair of the video detection system. These parts shall be available for delivery within 30 days of placement of an acceptable order at the supplier's then current pricing and terms of sale.

The supplier shall maintain an ongoing program of technical support for the video detection system. This technical support shall be available via telephone, or via personnel sent to the installation site upon placement of an acceptable order at the supplier's then current pricing and terms of sale for on-site technical support services. Installation or training support shall be provided by a factory authorized representative.

C Construction

Install equipment as shown on the plans and as specified in this special provision.

D Measurement

The department will measure Video Detection System (location) as a single lump sum unit of work for each intersection, acceptably completed.

E Payment

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

ITEM NUMBER	DESCRIPTION	UNIT
SPV.0105.06	Video Detection System Perry Avenue	LS
SPV.0105.07	Video Detection System Ohio Street	LS
SPV.0105.08	Video Detection System Lathrop Avenue	LS
SPV.0105.09	Video Detection System Hayes Avenue	LS
SPV.0105.10	Video Detection System West Boulevard	LS

Payment is full compensation for furnishing and installing hardware, fasteners, cameras, cabling, mounting brackets, making all necessary connections, and testing and setting up the system.

63. Microwave Detection System Perry Avenue, Item SPV.0105.11; Microwave Detection System Ohio Street, Item SPV.0105.12; Microwave Detection System Lathrop Avenue, Item SPV.0105.13; Microwave Detection System Hayes Avenue, Item SPV.0105.14; Microwave Detection System West Boulevard, Item SPV.0105.15.

A Description

Work under this item shall consist of furnishing and installing a microwave detection system that shall detect trucks, vehicles, motor cycles and bicycles and send a signal representative of a loop type detector in a presence mode to a traffic controller device. The sensor shall be easily installed and shall set up as shown on the plans and as hereinafter provided.

The sensor shall operate in the field under the effects of weather (rain, snow, fog), sun rays, night problems and head light glare.

B Materials

B.1 Environmental/Power Requirements

1. The sensor shall function in the field without any degradation of operation with the following temperature ranges: -40°C to +85°C.
2. The sensor plus interface board shall operate with 24DVC supplied to the TCIB interface card and require no other power supplies. Total current shall be no more than 415mA at any time during operation with no output active.
3. Operation shall be within 20 seconds from a cold start up. Full operation shall be no greater than 2 minutes and provide for full automatic recovery from a power failure.
4. The sensor unit shall be FCC approved.

B.2 Physical Description

The sensor shall weigh no more than 5.5 pounds, and be no more than 11 inches long, 8.5 inches wide and 7 inches high.

B.3 Operation

1. The sensor shall be a microwave-based motion and presence sensor used for intersection control. The sensor shall interface with a traffic signal control cabinet and shall output signals when vehicles are represented in user defined zones. These zones shall be able to be created by using an X-Y coordinate system, and have the operation verified and optimized using a laptop with Internet Explorer TM 6.0 or greater as part of the installation process or resident on the PC.

2. The sensor shall allow the user to create up to eight (8) zones and assign vehicle presence in each of these zones and up to four (4) outputs to the control cabinet. Detection zones shall be able to be created to a maximum distance of 300 feet from the sensor location.
3. The sensor shall track the presence of a vehicle in a detection zone for a predetermined time, user selectable from 0 to 960 seconds.
4. The sensor shall be able to track multiple moving and stationary vehicles simultaneously.
5. Each vehicle shall be tracked using its X-Y coordinates to determine the vehicles location.
6. The sensor shall update the X-Y coordinates 20 times per second.
7. The range of operation shall be from 50 feet to 400 feet from the front of the sensor.
8. The sensor shall be able to program eight (8) independent zones and provide up to four independent optical isolated outputs to the controller cabinet inputs via one of three optional sensor interface boards.
9. The sensor shall be able to determine and display the speed of each vehicle in the detection zones.
10. The sensor shall be able to provide grid tracking for the live interactive zones.
11. The sensor shall be able to provide a histogram to verify setup of the zones.
12. The sensor interface shall use either English (standard) or metric units at the option of the user.
13. The sensor shall be able to provide user defined delay and/or extension times for each zone.
14. The sensor Explorer interface shall be able to provide a graphical representation of the vehicle track as they approach the intersection.
15. The sensor shall provide a diagnostic and demonstration mode for various operations.
16. The sensor shall operate via an Ethernet interface with power supplied over the Ethernet connector (POE).

B.4 MOUNTING

1. The sensor shall be mounted on the monotube arm or on the side of a pole at a minimum height from 14 feet for stop bar detection and a minimum height of 17 feet for advanced detection for optimal performance.
2. When mounted on the side of the pole a maximum 30 degree offset from the traffic direction shall be allowed to provide for optimal operation.
3. Mounting hardware shall be supplied with each sensor to allow the device to be attached to a pole with standard stainless steel strapping bands.

B.5 RADAR

1. The sensor shall support five (5) selectable channels of microwave operation and operate in the FSK-4 mode. 24.075 GHz, 24.100 GHz, 24.125 GHz, 24.150 GHz, 25.175 GHz.
2. The beam angle shall be an Azimuth of 25 degrees to 100 feet, and then 20 degrees out to 400 feet. The elevation shall be 12 degrees.

B.6 INTERFACE BOARDS

1. Interface boards shall be available for the sensor and shall be compatible with NEMA TS-1 and TS-2, 170, 179 and 2070 cabinets. For each sensor one interface board shall be required per specifications.
2. The Interface board shall communicate with the controller cabinet. The interface boards shall meet with the requirements of CALTRANS 170/2070 222 and 224 modules with respect to size and form.
3. There shall be three optional interface boards available with the following functions:
 - a. There shall be four (4) output Interface Boards that fits in a single input file slot.
4. The interface boards shall operate at 24DVC and provide the power supply for the sensor over the Ethernet cable.

5. The Interface boards shall have up to four (4) LED's to indicate the activity of each zone. (Only 2 LEDs are active on the 2 channel board).
6. Each output shall be optically isolated with a LED and status indicator.
7. There shall be an indication for a fault mode (no Ethernet connection) such that all LEDs and Opto-isolator are on. This action shall place calls on the traffic controller.
8. There shall be an RS-232 port for diagnostics on each Interface boards.
9. The Interface boards shall provide power and short circuit protection for the sensor.
10. The Interface board shall automatically recover from a power failure and start up within 20 seconds of a cold start.
11. The Interface board shall be hot swappable and shall be able to be plugged in and out of the input file slot without adversely effecting its operation. (Unplugging of the Interface board shall take power off the Interface board and off the sensor).

C Construction

Install equipment as shown on the plans and as specified in this special provision.

D Measurement

The department will measure Microwave Detection System (Location) as a single lump sum unit of work for each intersection, acceptably completed.

E Payment

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

ITEM NUMBER	DESCRIPTION	UNIT
SPV.0105.11	Microwave Detection System Perry Avenue	LS
SPV.0105.12	Microwave Detection System Ohio Street	LS
SPV.0105.13	Microwave Detection System Lathrop Avenue	LS
SPV.0105.14	Microwave Detection System Hayes Avenue	LS
SPV.0105.15	Microwave Detection System West Boulevard	LS

Payment is full compensation for furnishing and installing hardware, fasteners, cameras, cabling, mounting brackets, making all necessary connections, and testing and setting up the system.

**64. Emergency Vehicle Preemption System Perry Avenue, Item SPV.0105.16;
Emergency Vehicle Preemption System Ohio Street, Item SPV.0105.17;
Emergency Vehicle Preemption System Hayes Avenue, Item SPV.0105.19;
Emergency Vehicle Preemption System West Boulevard, Item SPV.0105.20.**

A Description

This work shall consist of furnishing and installing an Emergency Vehicle Preemption (EVP) System at a single intersection, as shown on the plans and as hereinafter provided.

B Materials

The Emergency Vehicle Preemption System shall include Opticom Model 762 phase selector, Model 711 detectors, Model 575 conformation light, and Model 138 detector cable. This equipment shall be furnished and installed by the contractor.

C Construction

Detectors and conformation lights shall be mounted on the mast arms, luminaire arms, or signal poles as shown on the Plans.

The traffic signal mast arms and poles shall be drilled and tapped to accommodate the mounting of the detector units as shown in the Plans. The installation method shall be approved by the city traffic engineer.

In the event, at installation, a noticeable obstruction is present in line with the detector, the contractor shall be obligated to advise the engineer before installation.

Unless otherwise directed by the city, the detector shield tube shall be installed with the drain hole at the bottom.

There shall be NO detector cable splices from the detector assembly to the controller terminations.

The EVP detector cables shall be routed to the controller. Each lead shall be appropriately marked as to which street or avenue it is associated. The contractor will perform all terminations inside the cabinet.

The EVP as specified and shown in the Plans shall be complete in place, tested, and in full operation.

D Measurement

Emergency Vehicle Preemption System will be measured as a lump sum, acceptably completed, for all equipment required to complete the traffic signal installation.

E Payment

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

ITEM NUMBER	DESCRIPTION	UNIT
SPV.0105.16	Emergency Vehicle Preemption System Perry Avenue	LS
SPV.0105.17	Emergency Vehicle Preemption System Ohio Street	LS
SPV.0105.19	Emergency Vehicle Preemption System Hayes Avenue	LS
SPV.0105.20	Emergency Vehicle Preemption System West Boulevard	LS

Payment is full compensation for furnishing and installing all materials, and testing and setting up the system.

65. Emergency Vehicle Preemption System Lathrop Avenue, Item SPV.0105.18.

A Description

This work shall consist of furnishing and installing an Emergency Vehicle Preemption (EVP) System at a single intersection, as shown on the plans and as hereinafter provided.

Final location of EVP buttons inside the fire station are to be approved by City of Racine fire chief. Contact Steve Hanson at (262) 635-7911 five day prior to installation.

B Materials

Furnish all materials necessary to complete a functioning system. The materials should meet the following requirements:

- Pedestrian push button conforming to standard spec 658.
- Mounting hardware necessary for buttons.
- Metallic conduit conforming to standard spec 652.
- Metallic conduit fittings and adapters required from the underground conduit transition point into the building.
- Multi-pair communication cable.

C Construction

There shall be NO cable splices from the EVP assembly to the controller terminations.

The EVP cables shall be routed to the controller. The contractor will perform all terminations inside the cabinet.

Follow all manufacturer's recommended installation procedures.

D Measurement

The department will measure Emergency Vehicle Preemption System Lathrop Avenue as a single lump sum unit of work, completed according to the contract 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
SPV.0105.18	Emergency Vehicle Preemption System Lathrop Avenue	LS

Payment is full compensation for furnishing and installing all conduit, fittings, communication cables, buttons, mounting hardware, controller units, setup and testing system, and any other items necessary to complete the entire system at the specified intersection; and for coordination with the city.

**66. Relocating Stone Monument – The World’s War, Item SPV.0105.21;
Relocating Stone Monument – Peder Back Plaza, Item SPV.0105.22.**

A Description

This special provision describes removing and relocating stone monuments from existing location to new location shown of the plan.

B (Vacant)

C Construction

Remove monuments from the existing location, clean and store, and reinstall them in the location shown on the plans or as directed by the engineer.

D Measurement

The department will measure Relocating Stone Monument as a single lump sum unit of work for each location, acceptably completed.

E Payment

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

ITEM NUMBER	DESCRIPTION	UNIT
SPV.0105.21	Relocating Stone Monument - The World’s War	LS
SPV.0105.22	Relocating Stone Monument - Peder Back Plaza	LS

Payment is full compensation for removing, cleaning, storing, transporting, backfilling, restoring the area occupied by the monument, and reinstalling the monuments at the location shown on the plans or as directed by the engineer.

67. Removing and Reinstalling Water Fountain, Item SPV.0105.23.

A Description

This special provision describes removing and reinstalling water fountain located in Peder Back Plaza.

B (Vacant)

C Construction

Remove fountain from the existing location, clean and store, and reinstall at the same location or as directed by the engineer.

D Measurement

The department will measure Removing and Reinstalling Water Fountain as a single lump sum unit of work, acceptably completed.

E Payment

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

ITEM NUMBER	DESCRIPTION	UNIT
SPV.0105.23	Removing and Reinstalling Water Fountain	LS

Payment is full compensation for removing, cleaning, storing, transporting, adjusting water connection as needed, and reinstalling the water fountain at the existing location or as directed by the engineer.

68. Relocating Overhead Speed Sign and Support, Item SPV.105.24.

A Description

This special provision describes relocating two overhead speed sign and signal head assembly and one signal control switch from existing light poles and reinstalling them onto new light poles where shown on the plans and as hereinafter provided.

B (Vacant)

C Construction

Remove, handle, store, and transport existing overhead speed sign and signal head assembly and signal control switch in a manner that prevents damage to them. If the contractor damages the sign and signal head assembly through their own operations, then the contractor shall replace them at no expense to the department.

The relocated items shall be mounted at the same height as the existing installation.

D Measurement

The department will measure Relocating Overhead Speed Sign and Support as a single lump sum unit of work, acceptably completed.

E Payment

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

ITEM NUMBER	DESCRIPTION	UNIT
SPV.0105.24	Relocating Overhead Sign and Support	EACH

Payment is full compensation for relocating two overhead sign and signal head assembly and one signal control switch; connecting electrical circuit to them; providing wiring between the signal control switch and each signal head to match existing installation and maintain existing operation; any hardware required to install sign and signal head assembly and signal control switch to new light pole; and for disposing of surplus material.

69. Concrete Sidewalk Thickened Edge, Item SPV.0165.01.

A Description

Perform work according to the applicable provisions of standard spec 602 and as detailed in the plans.

B (Vacant)

C (Vacant)

D Measurement

The department will measure Concrete Sidewalk Thickened Edge by the square foot, acceptably completed.

E Payment

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

ITEM NUMBER	DESCRIPTION	UNIT
SPV.0165.01	Concrete Sidewalk Thickened Edge	SF

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

70. Remove and Replace Brick Pavers, Item SPV.0165.02.

A Description

This special provision describes removing and installing existing brick pavers on a base aggregate dense base and sand setting bed. The base aggregate dense base shall be per the pertinent provision of standard spec 305.

B Materials

Salvaged brick pavers.

Granular material base course according to standard spec 350.

Leveling Course shall be natural sand or sand manufactured from crushed rock and conform to the grading requirements of ASTM C 33 as shown below.

Leveling Course Grading Requirements:

ASTM C33	
Sieve Size	Percent Passing
9.5 mm	100
4.75 mm	95 to 100
2.36 mm	85 to 100
1.18 mm	50 to 85
600 um	25 to 60
300 um	10 to 30
150 um	2 to 10

Joint Sand shall be clean, non-plastic, and free from deleterious or foreign matter. The sand shall be natural or manufactured from crushed rock and shall conform to the grading requirements of ASTM C 144 as shown below:

Joint Sand Grading Requirements

ASTM C 144		
	Natural Sand	Manufactured Sand
Sieve Size	Percent Passing	Percent Passing
4.75 mm	100	100
2.36 mm	95 to 100	95 to 100
1.18 mm	70 to 100	70 to 100
600 um	40 to 75	40 to 75
300 um	10 to 35	20 to 40
150 um	2 to 15	10 to 25
75 um	0	0 to 10

C Construction

Install geotextile over base aggregate dense base surface and wrap up edges one inch. Spread leveling course evenly and screed. Set pavers high enough to allow for settling that will occur during final compaction. The screeded leveling course shall not be disturbed. Place sufficient leveling course in order to stay ahead of the laid pavers. Do not use leveling course to fill depressions in the base surface. Pavers shall be free of foreign material before installation. Lay the pavers in the patterns that matches with the existing pattern and make adjustments allow for whole paver use as often as possible. Maintain straight pattern lines. Joints between the pavers shall be between 1/16 inch and 5/32 inch wide. Pavers shall be cut with a double blade paver splitter or masonry saw.

Sweep the paver surface clean of all debris before compacting, in order to avoid damage from point loads. Use low amplitude, high frequency plate compactor with compactive effort of 3000 lbs. to compact the pavers into the leveling course. Compact the pavers and sweep dry joint sand and joint sand stabilizer additive into the joints according to manufacturer's recommendations. All work to within 3 feet of the laying fact must be left fully compacted with sand-filled joints at the completion of each day.

D Measurement

The department will measure Remove and replace Brick Pavers by square foot, acceptably completed.

E Payment

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

ITEM NUMBER	DESCRIPTION	UNIT
SPV.0165.02	Remove and Replace Brick Pavers	SF

Payment is full compensation for removing pavers from the area shown on plans, furnishing all incidental materials, including granular (sand) leveling course material, geotextile, joint sand and additive, cleaning and storing removed pavers, installing, and finishing. The department will pay for base aggregate dense separately.

71. Management of Solid Waste, Item SPV.0195.01.

A General

A.1 Description

This work will conform with the requirements of Section 205 of the Standard Specifications; to pertinent parts of the Wisconsin Administrative Code, Chapters NR 700-736 Environmental Investigation and Remediation of Environmental Contamination; Wisconsin Administration Code, Chapters NR 500-538, Solid Waste; and as shown on the plans and as supplemented herein.

Foundry sand will be encountered within the construction limits. The solid waste may contain NR 500 non-exempt industrial wastes including soil mixed with foundry sand. Impacted waste material excavated during construction which cannot in the opinion of the environmental consultant be managed as common excavation or as petroleum-contaminated soil will be managed as solid waste.

This work consists of excavating, segregating, temporary stockpiling, loading, hauling, and disposing of solid waste material at a WDNR-approved disposal facility. The nearest WDNR-approved disposal facilities are:

Republic Services Kestrel Hawk Landfill
1989 Oakes Rd.
Racine, WI 53406
(262) 884-7081

Waste Management Pheasant Run RDF Landfill
10712 South 124th Street
Bristol, WI 53104
(800) 963-4776

Advanced Disposal Emerald Park Landfill
W124S10629 South 124th Street
Muskego, WI 53150
(414) 529-1360

Provide information to the environmental consultant and engineer that indicates the WDNR-approved disposal facility that the contractor will use.

A.2 Notice to the Contractor-Solid Waste Locations

The department and others completed hazardous materials assessment for locations within this project where excavation is required. Investigation for soil contamination was conducted at select locations. Results indicate that solid waste (foundry sand) is present at the following location as shown on the plans:

- Station 125+00 to 127+00, from reference line to project limits right, from approximately 1 to 2 feet bgs. Foundry sand is present at this location. Approximately 271 cubic yards (approximately 461 tons at an estimated 1.7 tons per cubic yard) of solid waste soil will be excavated from this area.

Directly load solid waste soil excavated by the project at the above location into trucks that will transport the material to a WDNR-licensed landfill facility for landfill disposal.

If obviously contaminated soils or signs of NR 500 non-exempt solid waste and hazardous materials are unexpectedly encountered elsewhere on the project, terminate excavation activities in the area and notify the engineer. Examples of these unexpected conditions may include, but are not limited to, buried containers or tanks, noxious odors and fumes, stained soils, sheen on ground water, other industrial wastes, and significant volumes of municipal or domestic garbage.

No active groundwater monitoring wells were observed within the construction limits. If active groundwater monitoring wells are encountered during construction, notify engineer and protect them to maintain their integrity. The environmental consultant will determine if monitoring wells need to be maintained. For monitoring wells that do need to be maintained, adjust the wells that do not conflict with structures or curb and gutter to be flush with the final grade. For wells that conflict with the previously mentioned items or if monitoring wells are not required to be maintained, they will be abandoned by others.

If dewatering is required at the above location, conduct the dewatering according to Section C below.

A.3 Excavation Management Plan Approval

The excavation management plan for this project has been designed to minimize the off-site disposal of contaminated waste. The excavation management plan, including these special provisions, has been developed in cooperation with the WDNR. The WDNR concurrence letter is on file at the Wisconsin Department of Transportation. For further information regarding previous investigation and remediation activities in these areas contact:

Name: Andrew Malsom
Address: 141 NW Barstow Street, Waukesha, WI 53187-0798
Phone: (262) 548-6705
Fax: (262) 548-6891
E-mail: andrew.malsom@dot.state.wi.us

A.4 Coordination

Coordinate work under this contract with the environment consultant:

Consultant: TRC Environmental Corporation
Address: 150 N. Patrick Blvd. Ste. 180, Brookfield, WI 53045
Contact: Bryan Bergmann
Phone: (262) 901-2126
Fax: (262) 879-1220
E-mail: bbergmann@trcsolutions.com

The role of the environmental consultant will be limited to:

1. Determining the location and limits of solid waste to be excavated based on soil analytical results from previous investigations, visual observations, and field screening of soil that is excavated;
2. Identifying soils to be hauled to the landfill facility;
3. Documenting that activities associated with management of solid waste are in conformance with the solid waste management methods for this project as specified herein; and
4. Obtaining the necessary approvals for disposal of solid waste from the landfill facility.

Provide at least a 14-calendar day notice of the preconstruction conference date to the environmental consultant. At the preconstruction conference, provide a schedule for all excavation activities in the area of solid waste fill described in A.2 to the environmental consultant. Identify the WDNR licensed landfill facility that will be used for disposal of solid waste and provide this information to the environmental consultant no later than 30 calendar days prior to commencement of excavation in the impacted area or at the preconstruction conference, whichever comes first. The environmental consultant will be responsible for obtaining the necessary approvals from the landfill facility for disposal of the solid waste.

Coordinate with the environmental consultant to ensure that the environmental consultant is present during excavation in the impacted area. Notify the environmental consultant at least three calendar days prior to commencement of excavation in the impacted area. Perform excavation in the impacted area on a continuous basis until excavation work is completed. Do not transport soil containing solid waste offsite without prior approval from the environmental consultant.

A.5 Health and Safety Requirements

Supplement standard spec 107.1 with the following:

During excavation activities, expect to encounter historic fill contaminated with industrial waste (foundry sand) and associated regulated metals and organic compounds. Site workers taking part in activities that will result in the reasonable probability of exposure to safety and health hazards associated with hazardous materials shall have completed health and safety training that meets the Occupational Safety and Health Administration (OSHA) requirements for Hazardous Waste Operations and Emergency Response (HAZWOPER), as provided in 29 CFR 1910.120.

Prepare a site-specific Health and Safety Plan, and develop, delineate and enforce the health and safety exclusion zones for each impacted area as required by 29 CFR 1910.120. Submit the site-specific health and safety plan and written documentation of up-to-date OSHA training to the engineer prior to the start of work.

B (Vacant)

C Construction

Supplement standard spec 205.3 with the following:

Control operations in the impacted area to minimize the quantity of soil excavated.

The environmental consultant will periodically monitor soil excavated from the area identified in A.2 above. The environmental consultant will evaluate excavated soil based on field screening results, visual observations, and soil analytical results from previous environmental investigations. Assist the environmental consultant in collecting soil samples for evaluation using excavation equipment. The sampling frequency shall be a maximum of one sample for every 20 cubic yards excavated.

Directly load and haul solid waste soil designated by the environmental consultant for offsite disposal to the WDNR approved landfill facility. Use loading and hauling practices that are appropriate to prevent any spills or releases of the material. Prior to transport, sufficiently dewater soils designated for off-site disposal so as not to contain free liquids.

Verify that the vehicles used to transport material are licensed for such activity according to applicable state and federal regulations. Obtain the necessary disposal facility approvals and WDNR approvals for disposal. Do not transport regulated solid waste off-site without obtaining the approval of the environmental consultant and engineer and notifying the disposal facility.

During excavations in the areas of known contamination, larger chunks of clean concrete (approximately 2 cubic feet), asphalt and bricks shall be segregated from the fill, to the extent practical and managed as common excavation. Under NR 500.08 this material is exempt from licensing and requirements of Wisconsin Administrative Code NR 500-538 of the solid waste regulations and will be reused as designated by the engineer as fill on the project, or it will be disposed of off-site at the contractor's disposal site(s).

If dewatering is required in areas of known contamination, water generated from dewatering activities may contain petroleum compounds and/or metals. Such water may require analytical testing, and with approval of the City of Racine Wastewater Utility be discharged to the sanitary sewer as follows:

1. Meet all applicable requirements of the City of Racine Wastewater Utility including the control of suspended solids. Perform all necessary monitoring to document compliance with the City of Racine Wastewater Utility requirements. Furnish, install, operate, maintain, disassemble, and remove treatment equipment necessary to comply with the City of Racine Wastewater Utility requirements.
2. Ensure continuous dewatering and excavation safety at all times. Provide, operate, and maintain adequate pumping equipment and drainage and disposal facilities.

Notify the engineer of any dewatering activities and obtain any permits necessary to discharge water. Provide copies of such permits to the engineer. Meet any requirements and pay any costs for obtaining and complying with such permit use. Follow all applicable legislative statutes, judiciary decisions, and regulations of the State of Wisconsin.

Costs associated with excavation dewatering in contaminated areas are considered incidental to this pay item. The Wisconsin Department of Transportation will be the generator of regulated solid waste from this construction project.

D Measurement

The department will measure Management of Solid Waste by the ton of waste, accepted by the disposal facility and as documented by weight tickets.

E Payment

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

ITEM NUMBER	DESCRIPTION	UNIT
SPV.0195.01	Management of Solid Waste	TON

Payment is full compensation for excavating, segregating, loading, hauling, and landfill disposal of solid waste; obtaining solid waste collection and transportation service operating licenses; assisting in the collection of soil samples for field evaluation; dewatering of soils prior to transport, if necessary.

**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 15 (*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 6 (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:
 County:

Letting Date:

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

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

Goal met

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

A	V	NAME OF DBE SUBCONTRACTOR	TYPE OF WORK	SUBCONTRACT \$ VALUE	Government Use Only Adjusted Amounts
SUBTOTAL DBE \$ VALUE				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 <input checked="" type="checkbox"/>	(Authorized Agent) Date
A = Assigned (DBE Conscious) V = Voluntary (DBE Neutral)	Total \$ % Signature: _____ Date: _____	Preferred submission method: DBE_Alert@dot.wi.gov Or: Mail to: Wisconsin Department of Transportation DBE Programs Office, 5th Floor PO Box 7986 Madison, WI 53707-7986
DBE goal waiver granted: <input type="checkbox"/> Yes <input type="checkbox"/> No		
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://wisconsin.gov/Documents/doing-bus/civil-rights/labornwage/crcs-payments-sublets-manual.pdf>

ADDITIONAL SPECIAL PROVISION 9

Electronic Certified Payroll or Labor Data Submittal

(1) Use the department's Civil Rights Compliance System (CRCS) to electronically submit certified payroll reports for contracts with federal funds and labor data for contracts with state funds only. Details are available online through the department's highway construction contractor information (HCCI) site on the Labor, Wages, and EEO Information page at:

<https://wisconsindot.gov/Pages/doing-bus/civil-rights/labornwage/default.aspx>

(2) Ensure that all tiers of subcontractors, including all trucking firms, either submit their weekly certified payroll reports (contracts with federal funds) or labor data (contracts with state funds only) electronically through CRCS. These payrolls or labor data are due within seven calendar days following the close of the payroll period. Every firm providing physical labor towards completing the project is a subcontractor under this special provision.

(3) Upon receipt of contract execution, promptly make all affected firms aware of the requirements under this special provision and arrange for them to receive CRCS training as they are about to begin their submittals. The department will provide training either in a classroom setting at one of our regional offices or by telephone. Contact Paul Ndon at (414) 438-4584 to schedule the training.

(4) The department will reject all paper submittals for information required under this special provision. All costs for conforming to this special provision are incidental to the contract.

(5) Firms wishing to export payroll/labor data from their computer system into CRCS should have their payroll coordinator contact Paul Ndon at paul.ndon@dot.wi.gov. 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://wisconsindot.gov/Pages/doing-bus/civil-rights/labornwage/trckng.aspx>

III. POSTINGS AT THE SITE OF THE WORK

In addition to the required postings furnished by the department, the contractor shall post the following in at least one conspicuous and accessible place at the site of work:

- a. A copy of the contractor's Equal Employment Opportunity Policy.

All required documents shall be posted by the first day of work and be accurate and complete. Postings must be readable, in an area where they will be noticed, and maintained until the last day of work.

IV. RESOURCES

Required information regarding compliance with federal provisions is found in the following resources:

- FHWA-1273 included in this contract
- U.S. Department of Labor Prevailing Wage Resource Book
- U.S. Department of Labor Field Operations Handbook
- U.S. Code of Federal Regulations
- Any applicable law, Act, or Executive Order enacted by the federal government at the time of the letting of this contract

"General Decision Number: WI20200010 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, 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
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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
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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"

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: 20201110018 Project(s): 2440-09-70

Federal ID(s): WISC 2020539

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	211.000 ID	_____	_____
0004	201.0220 Grubbing	211.000 ID	_____	_____
0006	204.0100 Removing Concrete Pavement	64,588.000 SY	_____	_____
0008	204.0150 Removing Curb & Gutter	1,108.000 LF	_____	_____
0010	204.0155 Removing Concrete Sidewalk	11,350.000 SY	_____	_____
0012	204.0195 Removing Concrete Bases	143.000 EACH	_____	_____
0014	204.0210 Removing Manholes	1.000 EACH	_____	_____
0016	204.0220 Removing Inlets	89.000 EACH	_____	_____
0018	204.0245 Removing Storm Sewer (size) 01. 6 Inch	234.000 LF	_____	_____
0020	204.0245 Removing Storm Sewer (size) 02. 8 Inch	2,147.000 LF	_____	_____
0022	204.0245 Removing Storm Sewer (size) 03. 10 Inch	471.000 LF	_____	_____
0024	204.0245 Removing Storm Sewer (size) 04. 12 Inch	1,224.000 LF	_____	_____
0026	204.0245 Removing Storm Sewer (size) 05. 15 Inch	146.000 LF	_____	_____
0028	204.0245 Removing Storm Sewer (size) 06. 18 Inch	65.000 LF	_____	_____
0030	204.9060.S Removing (item description) 01. Standard Light Poles	88.000 EACH	_____	_____



Proposal Schedule of Items

Proposal ID: 20201110018 Project(s): 2440-09-70

Federal ID(s): WISC 2020539

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	204.9060.S Removing (item description) 02. Decorative Light Poles	11.000 EACH	_____.	_____.
0034	205.0100 Excavation Common	69,668.000 CY	_____.	_____.
0036	205.0501.S Excavation, Hauling, and Disposal of Petroleum Contaminated Soil	5,081.000 TON	_____.	_____.
0038	213.0100 Finishing Roadway (project) 01. 2440- 09-70	1.000 EACH	_____.	_____.
0040	305.0120 Base Aggregate Dense 1 1/4-Inch	26,555.000 TON	_____.	_____.
0042	310.0110 Base Aggregate Open-Graded	42.000 TON	_____.	_____.
0044	311.0110 Breaker Run	59,563.000 TON	_____.	_____.
0046	405.1000 Stamping Colored Concrete	84.000 CY	_____.	_____.
0048	415.0085 Concrete Pavement 8 1/2-Inch	49,883.000 SY	_____.	_____.
0050	415.0210 Concrete Pavement Gaps	23.000 EACH	_____.	_____.
0052	415.1085 Concrete Pavement HES 8 1/2-Inch	4,639.000 SY	_____.	_____.
0054	415.4100 Concrete Pavement Joint Filling	59,419.000 SY	_____.	_____.
0056	415.5110.S Concrete Pavement Joint Layout	1.000 LS	_____.	_____.
0058	416.0160 Concrete Driveway 6-Inch	1,964.000 SY	_____.	_____.
0060	416.0260 Concrete Driveway HES 6-Inch	507.000 SY	_____.	_____.
0062	416.0610 Drilled Tie Bars	110.000 EACH	_____.	_____.



Proposal Schedule of Items

Proposal ID: 20201110018 Project(s): 2440-09-70

Federal ID(s): WISC 2020539

SECTION: 0001 Contract Items

Alt Set ID: Alt Mbr ID:

Proposal Line Number	Item ID Description	Approximate Quantity and Units	Unit Price	Bid Amount
0064	416.0620 Drilled Dowel Bars	1,379.000 EACH	_____.	_____.
0066	460.6223 HMA Pavement 3 MT 58-28 S	213.000 TON	_____.	_____.
0068	460.6424 HMA Pavement 4 MT 58-28 H	77.000 TON	_____.	_____.
0070	465.0120 Asphaltic Surface Driveways and Field Entrances	218.000 TON	_____.	_____.
0072	465.0125 Asphaltic Surface Temporary	289.000 TON	_____.	_____.
0074	513.2001 Railing Pipe	90.000 LF	_____.	_____.
0076	601.0405 Concrete Curb & Gutter 18-Inch Type A	2,221.000 LF	_____.	_____.
0078	601.0407 Concrete Curb & Gutter 18-Inch Type D	97.000 LF	_____.	_____.
0080	601.0409 Concrete Curb & Gutter 30-Inch Type A	16,511.000 LF	_____.	_____.
0082	601.0411 Concrete Curb & Gutter 30-Inch Type D	221.000 LF	_____.	_____.
0084	601.0452 Concrete Curb & Gutter Integral 30-Inch Type D	3,730.000 LF	_____.	_____.
0086	601.0454 Concrete Curb & Gutter Integral 30-Inch Type J	1,397.000 LF	_____.	_____.
0088	601.0600 Concrete Curb Pedestrian	1,620.000 LF	_____.	_____.
0090	602.0410 Concrete Sidewalk 5-Inch	100,253.000 SF	_____.	_____.
0092	602.0505 Curb Ramp Detectable Warning Field Yellow	1,430.000 SF	_____.	_____.



Proposal Schedule of Items

Proposal ID: 20201110018 Project(s): 2440-09-70

Federal ID(s): WISC 2020539

SECTION: 0001 Contract Items

Alt Set ID: Alt Mbr ID:

Proposal Line Number	Item ID Description	Approximate Quantity and Units	Unit Price	Bid Amount
0094	602.0605 Curb Ramp Detectable Warning Field Radial Yellow	257.000 SF	_____.	_____.
0096	602.1500 Concrete Steps	298.000 SF	_____.	_____.
0098	608.0312 Storm Sewer Pipe Reinforced Concrete Class III 12-Inch	4,465.000 LF	_____.	_____.
0100	608.0315 Storm Sewer Pipe Reinforced Concrete Class III 15-Inch	1,270.000 LF	_____.	_____.
0102	608.0318 Storm Sewer Pipe Reinforced Concrete Class III 18-Inch	102.000 LF	_____.	_____.
0104	608.0324 Storm Sewer Pipe Reinforced Concrete Class III 24-Inch	294.000 LF	_____.	_____.
0106	608.0412 Storm Sewer Pipe Reinforced Concrete Class IV 12-Inch	101.000 LF	_____.	_____.
0108	611.0420 Reconstructing Manholes	13.000 EACH	_____.	_____.
0110	611.0530 Manhole Covers Type J	4.000 EACH	_____.	_____.
0112	611.0610 Inlet Covers Type BW	2.000 EACH	_____.	_____.
0114	611.0612 Inlet Covers Type C	1.000 EACH	_____.	_____.
0116	611.0624 Inlet Covers Type H	124.000 EACH	_____.	_____.
0118	611.0666 Inlet Covers Type Z	13.000 EACH	_____.	_____.
0120	611.2004 Manholes 4-FT Diameter	4.000 EACH	_____.	_____.
0122	611.2005 Manholes 5-FT Diameter	3.000 EACH	_____.	_____.



Proposal Schedule of Items

Proposal ID: 20201110018 Project(s): 2440-09-70

Federal ID(s): WISC 2020539

SECTION: 0001 Contract Items

Alt Set ID: Alt Mbr ID:

Proposal Line Number	Item ID Description	Approximate Quantity and Units	Unit Price	Bid Amount
0124	611.2006 Manholes 6-FT Diameter	2.000 EACH	_____.	_____.
0126	611.3003 Inlets 3-FT Diameter	10.000 EACH	_____.	_____.
0128	611.3004 Inlets 4-FT Diameter	70.000 EACH	_____.	_____.
0130	611.3230 Inlets 2x3-FT	55.000 EACH	_____.	_____.
0132	611.8110 Adjusting Manhole Covers	19.000 EACH	_____.	_____.
0134	612.0106 Pipe Underdrain 6-Inch	600.000 LF	_____.	_____.
0136	619.1000 Mobilization	1.000 EACH	_____.	_____.
0138	620.0300 Concrete Median Sloped Nose	915.000 SF	_____.	_____.
0140	624.0100 Water	192.000 MGAL	_____.	_____.
0142	625.0100 Topsoil	16,750.000 SY	_____.	_____.
0144	627.0200 Mulching	4,500.000 SY	_____.	_____.
0146	628.1104 Erosion Bales	10.000 EACH	_____.	_____.
0148	628.1504 Silt Fence	1,500.000 LF	_____.	_____.
0150	628.1520 Silt Fence Maintenance	1,500.000 LF	_____.	_____.
0152	628.1905 Mobilizations Erosion Control	14.000 EACH	_____.	_____.
0154	628.1910 Mobilizations Emergency Erosion Control	10.000 EACH	_____.	_____.
0156	628.2006 Erosion Mat Urban Class I Type A	7,050.000 SY	_____.	_____.



Proposal Schedule of Items

Proposal ID: 20201110018 Project(s): 2440-09-70

Federal ID(s): WISC 2020539

SECTION: 0001 Contract Items

Alt Set ID: Alt Mbr ID:

Proposal Line Number	Item ID Description	Approximate Quantity and Units	Unit Price	Bid Amount
0158	628.7005 Inlet Protection Type A	169.000 EACH	_____.	_____.
0160	628.7015 Inlet Protection Type C	197.000 EACH	_____.	_____.
0162	628.7020 Inlet Protection Type D	10.000 EACH	_____.	_____.
0164	628.7560 Tracking Pads	1.000 EACH	_____.	_____.
0166	629.0210 Fertilizer Type B	6.700 CWT	_____.	_____.
0168	630.0130 Seeding Mixture No. 30	109.000 LB	_____.	_____.
0170	630.0140 Seeding Mixture No. 40	63.000 LB	_____.	_____.
0172	630.0200 Seeding Temporary	50.000 LB	_____.	_____.
0174	630.0500 Seed Water	248.000 MGAL	_____.	_____.
0176	631.0300 Sod Water	160.000 MGAL	_____.	_____.
0178	631.1000 Sod Lawn	7,400.000 SY	_____.	_____.
0180	632.0101 Trees (species) (size) (root) 01. American Sentry Linden 2-Inch Cal B&B	5.000 EACH	_____.	_____.
0182	632.0101 Trees (species) (size) (root) 02. Common Hackberry 2-Inch Cal B&B	8.000 EACH	_____.	_____.
0184	632.0101 Trees (species) (size) (root) 03. Kentucky Coffeetree, Espresso 2-Inch Cal B&B	4.000 EACH	_____.	_____.
0186	632.0101 Trees (species) (size) (root) 04. Tree Lilac, Ivory Silk 1 1/2-Inch Cal B&B	5.000 EACH	_____.	_____.



Proposal Schedule of Items

Proposal ID: 20201110018 Project(s): 2440-09-70

Federal ID(s): WISC 2020539

SECTION: 0001 Contract Items

Alt Set ID: Alt Mbr ID:

Proposal Line Number	Item ID Description	Approximate Quantity and Units	Unit Price	Bid Amount
0188	632.0101 Trees (species) (size) (root) 05. Regal Elm 2-Inch Cal B&B	5.000 EACH	_____.	_____.
0190	632.0101 Trees (species) (size) (root) 06. Skyline Honeylocust 2-Inch Cal B&B	9.000 EACH	_____.	_____.
0192	632.0101 Trees (species) (size) (root) 07. Swamp White Oak 2-Inch Cal B&B	4.000 EACH	_____.	_____.
0194	632.9101 Landscape Planting Surveillance and Care Cycles	10.000 EACH	_____.	_____.
0196	634.0618 Posts Wood 4x6-Inch X 18-FT	14.000 EACH	_____.	_____.
0198	634.0816 Posts Tubular Steel 2x2-Inch X 16-FT	178.000 EACH	_____.	_____.
0200	637.2210 Signs Type II Reflective H	1,368.910 SF	_____.	_____.
0202	637.2215 Signs Type II Reflective H Folding	184.840 SF	_____.	_____.
0204	637.2230 Signs Type II Reflective F	203.000 SF	_____.	_____.
0206	638.2102 Moving Signs Type II	10.000 EACH	_____.	_____.
0208	638.2602 Removing Signs Type II	151.000 EACH	_____.	_____.
0210	638.3000 Removing Small Sign Supports	76.000 EACH	_____.	_____.
0212	642.5201 Field Office Type C	1.000 EACH	_____.	_____.
0214	643.0300 Traffic Control Drums	74,252.000 DAY	_____.	_____.
0216	643.0420 Traffic Control Barricades Type III	56,366.000 DAY	_____.	_____.



Proposal Schedule of Items

Proposal ID: 20201110018 Project(s): 2440-09-70

Federal ID(s): WISC 2020539

SECTION: 0001 Contract Items

Alt Set ID: Alt Mbr ID:

Proposal Line Number	Item ID Description	Approximate Quantity and Units	Unit Price	Bid Amount
0218	643.0500 Traffic Control Flexible Tubular Marker Posts	133.000 EACH	_____.	_____.
0220	643.0600 Traffic Control Flexible Tubular Marker Bases	133.000 EACH	_____.	_____.
0222	643.0705 Traffic Control Warning Lights Type A	51,468.000 DAY	_____.	_____.
0224	643.0715 Traffic Control Warning Lights Type C	13,007.000 DAY	_____.	_____.
0226	643.0800 Traffic Control Arrow Boards	710.000 DAY	_____.	_____.
0228	643.0900 Traffic Control Signs	81,572.000 DAY	_____.	_____.
0230	643.0920 Traffic Control Covering Signs Type II	30.000 EACH	_____.	_____.
0232	643.1000 Traffic Control Signs Fixed Message	119.000 SF	_____.	_____.
0234	643.1050 Traffic Control Signs PCMS	54.000 DAY	_____.	_____.
0236	643.5000 Traffic Control	1.000 EACH	_____.	_____.
0238	644.1410 Temporary Pedestrian Surface Asphalt	3,150.000 SF	_____.	_____.
0240	644.1601 Temporary Pedestrian Curb Ramp	288.000 DAY	_____.	_____.
0242	644.1810 Temporary Pedestrian Barricade	757.000 LF	_____.	_____.
0244	645.0111 Geotextile Type DF Schedule A	267.000 SY	_____.	_____.
0246	645.0120 Geotextile Type HR	212.000 SY	_____.	_____.
0248	645.0135 Geotextile Type SR	13,500.000 SY	_____.	_____.



Proposal Schedule of Items

Proposal ID: 20201110018 Project(s): 2440-09-70

Federal ID(s): WISC 2020539

SECTION: 0001 Contract Items

Alt Set ID: Alt Mbr ID:

Proposal Line Number	Item ID Description	Approximate Quantity and Units	Unit Price	Bid Amount
0250	646.1020 Marking Line Epoxy 4-Inch	28,885.000 LF	_____.	_____.
0252	646.3020 Marking Line Epoxy 8-Inch	1,422.000 LF	_____.	_____.
0254	646.5020 Marking Arrow Epoxy	59.000 EACH	_____.	_____.
0256	646.5120 Marking Word Epoxy	60.000 EACH	_____.	_____.
0258	646.5220 Marking Symbol Epoxy	3.000 EACH	_____.	_____.
0260	646.6120 Marking Stop Line Epoxy 18-Inch	632.000 LF	_____.	_____.
0262	646.7120 Marking Diagonal Epoxy 12-Inch	549.000 LF	_____.	_____.
0264	646.7420 Marking Crosswalk Epoxy Transverse Line 6-Inch	3,162.000 LF	_____.	_____.
0266	646.7520 Marking Crosswalk Epoxy Block Style 24-Inch	863.000 LF	_____.	_____.
0268	646.8120 Marking Curb Epoxy	431.000 LF	_____.	_____.
0270	646.8220 Marking Island Nose Epoxy	19.000 EACH	_____.	_____.
0272	646.8320 Marking Parking Stall Epoxy	262.000 LF	_____.	_____.
0274	646.9000 Marking Removal Line 4-Inch	4,442.000 LF	_____.	_____.
0276	646.9100 Marking Removal Line 8-Inch	2,010.000 LF	_____.	_____.
0278	646.9200 Marking Removal Line Wide	249.000 LF	_____.	_____.
0280	646.9300 Marking Removal Special Marking	29.000 EACH	_____.	_____.



Proposal Schedule of Items

Proposal ID: 20201110018 Project(s): 2440-09-70

Federal ID(s): WISC 2020539

SECTION: 0001 Contract Items

Alt Set ID: Alt Mbr ID:

Proposal Line Number	Item ID Description	Approximate Quantity and Units	Unit Price	Bid Amount
0282	649.0105 Temporary Marking Line Paint 4-Inch	15,721.000 LF	_____.	_____.
0284	649.0150 Temporary Marking Line Removable Tape 4-Inch	32,196.000 LF	_____.	_____.
0286	649.0205 Temporary Marking Line Paint 8-Inch	887.000 LF	_____.	_____.
0288	649.0250 Temporary Marking Line Removable Tape 8-Inch	2,819.000 LF	_____.	_____.
0290	649.0505 Temporary Marking Arrow Paint	18.000 EACH	_____.	_____.
0292	649.0550 Temporary Marking Arrow Removable Tape	24.000 EACH	_____.	_____.
0294	649.0850 Temporary Marking Stop Line Removable Tape 18-Inch	295.000 LF	_____.	_____.
0296	650.4000 Construction Staking Storm Sewer	155.000 EACH	_____.	_____.
0298	650.4500 Construction Staking Subgrade	10,588.000 LF	_____.	_____.
0300	650.7000 Construction Staking Concrete Pavement	12,545.000 LF	_____.	_____.
0302	650.8500 Construction Staking Electrical Installations (project) 01. 2440-09-70	LS	LUMP SUM	_____.
0304	650.9000 Construction Staking Curb Ramps	164.000 EACH	_____.	_____.
0306	650.9910 Construction Staking Supplemental Control (project) 01. 2440-09-70	LS	LUMP SUM	_____.
0308	650.9920 Construction Staking Slope Stakes	12,545.000 LF	_____.	_____.
0310	652.0225 Conduit Rigid Nonmetallic Schedule 40 2-Inch	12,869.000 LF	_____.	_____.



Proposal Schedule of Items

Proposal ID: 20201110018 Project(s): 2440-09-70

Federal ID(s): WISC 2020539

SECTION: 0001 Contract Items

Alt Set ID: Alt Mbr ID:

Proposal Line Number	Item ID Description	Approximate Quantity and Units	Unit Price	Bid Amount
0312	652.0235 Conduit Rigid Nonmetallic Schedule 40 3-Inch	11,403.000 LF	_____.	_____.
0314	652.0615 Conduit Special 3-Inch	86.000 LF	_____.	_____.
0316	653.0140 Pull Boxes Steel 24x42-Inch	143.000 EACH	_____.	_____.
0318	653.0164 Pull Boxes Non-Conductive 24x42-Inch	11.000 EACH	_____.	_____.
0320	653.0905 Removing Pull Boxes	67.000 EACH	_____.	_____.
0322	654.0101 Concrete Bases Type 1	17.000 EACH	_____.	_____.
0324	654.0102 Concrete Bases Type 2	23.000 EACH	_____.	_____.
0326	654.0105 Concrete Bases Type 5	65.000 EACH	_____.	_____.
0328	654.0110 Concrete Bases Type 10	6.000 EACH	_____.	_____.
0330	654.0113 Concrete Bases Type 13	3.000 EACH	_____.	_____.
0332	654.0200 Concrete Control Cabinet Bases Type 6	2.000 EACH	_____.	_____.
0334	654.0217 Concrete Control Cabinet Bases Type 9 Special	5.000 EACH	_____.	_____.
0336	655.0230 Cable Traffic Signal 5-14 AWG	3,196.000 LF	_____.	_____.
0338	655.0240 Cable Traffic Signal 7-14 AWG	1,124.000 LF	_____.	_____.
0340	655.0260 Cable Traffic Signal 12-14 AWG	6,910.000 LF	_____.	_____.
0342	655.0263 Cable Traffic Signal 15-10 AWG	517.000 LF	_____.	_____.



Proposal Schedule of Items

Proposal ID: 20201110018 Project(s): 2440-09-70

Federal ID(s): WISC 2020539

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	655.0320 Cable Type UF 2-10 AWG Grounded	3,051.000 LF	_____.	_____.
0346	655.0515 Electrical Wire Traffic Signals 10 AWG	6,611.000 LF	_____.	_____.
0348	655.0610 Electrical Wire Lighting 12 AWG	12,155.000 LF	_____.	_____.
0350	655.0615 Electrical Wire Lighting 10 AWG	3,589.000 LF	_____.	_____.
0352	655.0620 Electrical Wire Lighting 8 AWG	19,464.000 LF	_____.	_____.
0354	655.0625 Electrical Wire Lighting 6 AWG	8,877.000 LF	_____.	_____.
0356	655.0630 Electrical Wire Lighting 4 AWG	29,614.000 LF	_____.	_____.
0358	655.0635 Electrical Wire Lighting 2 AWG	60.000 LF	_____.	_____.
0360	656.0200 Electrical Service Meter Breaker Pedestal (location) 01. Perry Avenue	LS	LUMP SUM	_____.
0362	656.0200 Electrical Service Meter Breaker Pedestal (location) 02. Ohio Street	LS	LUMP SUM	_____.
0364	656.0200 Electrical Service Meter Breaker Pedestal (location) 03. Lathrop Avenue	LS	LUMP SUM	_____.
0366	656.0200 Electrical Service Meter Breaker Pedestal (location) 04. Hayes Avenue	LS	LUMP SUM	_____.
0368	656.0200 Electrical Service Meter Breaker Pedestal (location) 05. West Boulevard	LS	LUMP SUM	_____.
0370	656.0200 Electrical Service Meter Breaker Pedestal (location) 06. SW Quadrant Ohio Street	LS	LUMP SUM	_____.



Proposal Schedule of Items

Proposal ID: 20201110018 Project(s): 2440-09-70

Federal ID(s): WISC 2020539

SECTION: 0001 Contract Items

Alt Set ID: Alt Mbr ID:

Proposal Line Number	Item ID Description	Approximate Quantity and Units	Unit Price	Bid Amount
0372	656.0200 Electrical Service Meter Breaker Pedestal (location) 07. NW Quadrant Hayes Avenue	LS	LUMP SUM	_____.
0374	657.0100 Pedestal Bases	15.000 EACH	_____.	_____.
0376	657.0255 Transformer Bases Breakaway 11 1/2-Inch Bolt Circle	59.000 EACH	_____.	_____.
0378	657.0310 Poles Type 3	15.000 EACH	_____.	_____.
0380	657.0322 Poles Type 5-Aluminum	44.000 EACH	_____.	_____.
0382	657.0345 Poles Type 9	2.000 EACH	_____.	_____.
0384	657.0347 Poles Type 9-Special	2.000 EACH	_____.	_____.
0386	657.0350 Poles Type 10	5.000 EACH	_____.	_____.
0388	657.0352 Poles Type 10-Special	1.000 EACH	_____.	_____.
0390	657.0355 Poles Type 12	1.000 EACH	_____.	_____.
0392	657.0360 Poles Type 13	2.000 EACH	_____.	_____.
0394	657.0410 Traffic Signal Standards Aluminum 9-FT	2.000 EACH	_____.	_____.
0396	657.0420 Traffic Signal Standards Aluminum 13-FT	11.000 EACH	_____.	_____.
0398	657.0425 Traffic Signal Standards Aluminum 15-FT	6.000 EACH	_____.	_____.
0400	657.0525 Monotube Arms 25-FT	2.000 EACH	_____.	_____.
0402	657.0530 Monotube Arms 30-FT	5.000 EACH	_____.	_____.



Proposal Schedule of Items

Proposal ID: 20201110018 Project(s): 2440-09-70

Federal ID(s): WISC 2020539

SECTION: 0001 Contract Items

Alt Set ID: Alt Mbr ID:

Proposal Line Number	Item ID Description	Approximate Quantity and Units	Unit Price	Bid Amount
0404	657.0536 Monotube Arms 35-FT-Special	2.000 EACH	_____.	_____.
0406	657.0541 Monotube Arms 40-FT-Special	1.000 EACH	_____.	_____.
0408	657.0550 Monotube Arms 50-FT	2.000 EACH	_____.	_____.
0410	657.0555 Monotube Arms 55-FT	1.000 EACH	_____.	_____.
0412	657.0585 Trombone Arms 15-FT	1.000 EACH	_____.	_____.
0414	657.0590 Trombone Arms 20-FT	1.000 EACH	_____.	_____.
0416	657.0595 Trombone Arms 25-FT	1.000 EACH	_____.	_____.
0418	657.0609 Luminaire Arms Single Member 4-Inch Clamp 6-FT	6.000 EACH	_____.	_____.
0420	657.0610 Luminaire Arms Single Member 4 1/2- Inch Clamp 6-FT	44.000 EACH	_____.	_____.
0422	657.0806 Luminaire Arms Steel 6-FT	8.000 EACH	_____.	_____.
0424	658.0171 Traffic Signal Face 1S 12-Inch	2.000 EACH	_____.	_____.
0426	658.0173 Traffic Signal Face 3S 12-Inch	70.000 EACH	_____.	_____.
0428	658.0174 Traffic Signal Face 4S 12-Inch	15.000 EACH	_____.	_____.
0430	658.0175 Traffic Signal Face 5S 12-Inch	4.000 EACH	_____.	_____.
0432	658.0416 Pedestrian Signal Face 16-Inch	40.000 EACH	_____.	_____.
0434	658.0500 Pedestrian Push Buttons	42.000 EACH	_____.	_____.



Proposal Schedule of Items

Proposal ID: 20201110018 Project(s): 2440-09-70

Federal ID(s): WISC 2020539

SECTION: 0001 Contract Items

Alt Set ID: Alt Mbr ID:

Proposal Line Number	Item ID Description	Approximate Quantity and Units	Unit Price	Bid Amount
0436	658.5069 Signal Mounting Hardware (location) 01. Perry Avenue	LS	LUMP SUM	_____.
0438	658.5069 Signal Mounting Hardware (location) 02. Ohio Street	LS	LUMP SUM	_____.
0440	658.5069 Signal Mounting Hardware (location) 03. Lathrop Avenue	LS	LUMP SUM	_____.
0442	658.5069 Signal Mounting Hardware (location) 04. Hayes Avenue	LS	LUMP SUM	_____.
0444	658.5069 Signal Mounting Hardware (location) 05. West Boulevard	LS	LUMP SUM	_____.
0446	659.2130 Lighting Control Cabinets 120/240 30- Inch	2.000 EACH	_____.	_____.
0448	661.0200 Temporary Traffic Signals for Intersections (location) 01. Ohio Street	LS	LUMP SUM	_____.
0450	661.0200 Temporary Traffic Signals for Intersections (location) 02. West Boulevard	LS	LUMP SUM	_____.
0452	670.0100 Field System Integrator	LS	LUMP SUM	_____.
0454	670.0200 ITS Documentation	LS	LUMP SUM	_____.
0456	673.0105 Communication Vault Type 1	1.000 EACH	_____.	_____.
0458	674.0300 Remove Cable	11,029.000 LF	_____.	_____.
0460	674.0400 Reinstall Cable	6,245.000 LF	_____.	_____.
0462	678.0006 Install Fiber Optic Cable Outdoor Plant 6- CT	7,347.000 LF	_____.	_____.



Proposal Schedule of Items

Proposal ID: 20201110018 Project(s): 2440-09-70

Federal ID(s): WISC 2020539

SECTION: 0001 Contract Items

Alt Set ID: Alt Mbr ID:

Proposal Line Number	Item ID Description	Approximate Quantity and Units	Unit Price	Bid Amount
0464	678.0200 Fiber Optic Splice Enclosure	3.000 EACH	_____.	_____.
0466	678.0300 Fiber Optic Splice	304.000 EACH	_____.	_____.
0468	678.0400 Fiber Optic Termination	28.000 EACH	_____.	_____.
0470	678.0500 Communication System Testing	LS	LUMP SUM	_____.
0472	678.0600 Install Ethernet Switches	7.000 EACH	_____.	_____.
0474	690.0150 Sawing Asphalt	2,165.000 LF	_____.	_____.
0476	690.0250 Sawing Concrete	14,414.000 LF	_____.	_____.
0478	715.0415 Incentive Strength Concrete Pavement	16,357.000 DOL	1.00000	16,357.00
0480	715.0710 Optimized Aggregate Gradation Incentive	45,716.000 DOL	1.00000	45,716.00
0482	740.0440 Incentive IRI Ride	11,030.000 DOL	1.00000	11,030.00
0484	ASP.1T0A On-the-Job Training Apprentice at \$5.00/HR	2,400.000 HRS	5.00000	12,000.00
0486	ASP.1T0G On-the-Job Training Graduate at \$5.00/HR	11,400.000 HRS	5.00000	57,000.00
0488	SPV.0035 Special 01. Planting Soil Mix	130.000 CY	_____.	_____.
0490	SPV.0060 Special 01. Section Corner Monuments Special	3.000 EACH	_____.	_____.
0492	SPV.0060 Special 02. Parking Meter Posts	18.000 EACH	_____.	_____.
0494	SPV.0060 Special 03. Utility Line Opening (ULO)	12.000 EACH	_____.	_____.



Proposal Schedule of Items

Proposal ID: 20201110018 Project(s): 2440-09-70

Federal ID(s): WISC 2020539

SECTION: 0001 Contract Items

Alt Set ID: Alt Mbr ID:

Proposal Line Number	Item ID Description	Approximate Quantity and Units	Unit Price	Bid Amount
0496	SPV.0060 Special 04. Relocating Existing Lighting Unit	5.000 EACH	_____.	_____.
0498	SPV.0060 Special 05. Removing Lighting Control Cabinets	3.000 EACH	_____.	_____.
0500	SPV.0060 Special 06. Storm Sewer Tap	18.000 EACH	_____.	_____.
0502	SPV.0060 Special 07. Adjusting Sanitary Sewer Manhole Covers	62.000 EACH	_____.	_____.
0504	SPV.0060 Special 08. Moving Existing Bus Stop Shelter	1.000 EACH	_____.	_____.
0506	SPV.0060 Special 09. Traffic Signal Controller and Cabinet	5.000 EACH	_____.	_____.
0508	SPV.0060 Special 10. Luminaires Utility LED 100 Watts	44.000 EACH	_____.	_____.
0510	SPV.0060 Special 11. Decorative Lighting Arm and Fixture Unit	8.000 EACH	_____.	_____.
0512	SPV.0060 Special 12. Arm-Mounted Decorative Lighting Unit	16.000 EACH	_____.	_____.
0514	SPV.0060 Special 13. Install Existing Circuit Into New Pull Box	8.000 EACH	_____.	_____.
0516	SPV.0060 Special 14. Concrete Bases Type 10 Special	3.000 EACH	_____.	_____.
0518	SPV.0060 Special 15. Salvaging and Resetting Planter Pole Assembly	10.000 EACH	_____.	_____.
0520	SPV.0060 Special 16. Luminaires Utility LED 139 Watts	11.000 EACH	_____.	_____.



Proposal Schedule of Items

Proposal ID: 20201110018 Project(s): 2440-09-70

Federal ID(s): WISC 2020539

SECTION: 0001 Contract Items

Alt Set ID: Alt Mbr ID:

Proposal Line Number	Item ID Description	Approximate Quantity and Units	Unit Price	Bid Amount
0522	SPV.0060 Special 17. Luminaires Utility LED 66 Watts	3.000 EACH	_____.	_____.
0524	SPV.0060 Special 18. Sealing Manhole Openings	12.000 EACH	_____.	_____.
0526	SPV.0060 Special 19. Perennial Plant, Purple Coneflower 1 Gal CG	266.000 EACH	_____.	_____.
0528	SPV.0060 Special 20. Perennial Plant, Prairie Dropseed 1 Gal CG	513.000 EACH	_____.	_____.
0530	SPV.0060 Special 21. Panel Type A	4.000 EACH	_____.	_____.
0532	SPV.0060 Special 22. Panel Type B	3.000 EACH	_____.	_____.
0534	SPV.0060 Special 23. Panel Type C	3.000 EACH	_____.	_____.
0536	SPV.0060 Special 24. Tree Grate	4.000 EACH	_____.	_____.
0538	SPV.0090 Special 01. Marking Contrast Epoxy 4-Inch	1,335.000 LF	_____.	_____.
0540	SPV.0090 Special 02. Marking Contrast Epoxy 8-Inch	2,680.000 LF	_____.	_____.
0542	SPV.0105 Special 01. Remove Traffic Signals Walgreens Driveway	LS	LUMP SUM	_____.
0544	SPV.0105 Special 02. Remove Traffic Signals Ohio Street	LS	LUMP SUM	_____.
0546	SPV.0105 Special 03. Remove Traffic Signals Lathrop Avenue	LS	LUMP SUM	_____.
0548	SPV.0105 Special 04. Remove Traffic Signals Hayes Avenue	LS	LUMP SUM	_____.



Proposal Schedule of Items

Proposal ID: 20201110018 Project(s): 2440-09-70

Federal ID(s): WISC 2020539

SECTION: 0001 Contract Items

Alt Set ID: Alt Mbr ID:

Proposal Line Number	Item ID Description	Approximate Quantity and Units	Unit Price	Bid Amount
0550	SPV.0105 Special 05. Remove Traffic Signals West Boulevard	LS	LUMP SUM	_____.
0552	SPV.0105 Special 06. Video Detection System Perry Avenue	LS	LUMP SUM	_____.
0554	SPV.0105 Special 07. Video Detection System Ohio Street	LS	LUMP SUM	_____.
0556	SPV.0105 Special 08. Video Detection System Lathrop Avenue	LS	LUMP SUM	_____.
0558	SPV.0105 Special 09. Video Detection System Hayes Avenue	LS	LUMP SUM	_____.
0560	SPV.0105 Special 10. Video Detection System West Boulevard	LS	LUMP SUM	_____.
0562	SPV.0105 Special 11. Microwave Detection System Perry Avenue	LS	LUMP SUM	_____.
0564	SPV.0105 Special 12. Microwave Detection System Ohio Street	LS	LUMP SUM	_____.
0566	SPV.0105 Special 13. Microwave Detection System Lathrop Avenue	LS	LUMP SUM	_____.
0568	SPV.0105 Special 14. Microwave Detection System Hayes Avenue	LS	LUMP SUM	_____.
0570	SPV.0105 Special 15. Microwave Detection System West Boulevard	LS	LUMP SUM	_____.
0572	SPV.0105 Special 16. Emergency Vehicle Preemption System Perry Avenue	LS	LUMP SUM	_____.
0574	SPV.0105 Special 17. Emergency Vehicle Preemption System Ohio street	LS	LUMP SUM	_____.



Proposal Schedule of Items

Proposal ID: 20201110018 Project(s): 2440-09-70

Federal ID(s): WISC 2020539

SECTION: 0001 Contract Items

Alt Set ID: Alt Mbr ID:

Proposal Line Number	Item ID Description	Approximate Quantity and Units	Unit Price	Bid Amount
0576	SPV.0105 Special 18. Emergency Vehicle Preemption System Lathrop Avenue	LS	LUMP SUM	_____.
0578	SPV.0105 Special 19. Emergency Vehicle Preemption System Hayes Avenue	LS	LUMP SUM	_____.
0580	SPV.0105 Special 20. Emergency Vehicle Preemption System West Boulevard	LS	LUMP SUM	_____.
0582	SPV.0105 Special 21. Relocating Stone Monument - The World's War	LS	LUMP SUM	_____.
0584	SPV.0105 Special 22. Relocating Stone Monument - Peder Back Plaza	LS	LUMP SUM	_____.
0586	SPV.0105 Special 23. Removing and Reinstalling Water Fountain	LS	LUMP SUM	_____.
0588	SPV.0105 Special 24. Relocating Overhead Speed Sign and Support	LS	LUMP SUM	_____.
0590	SPV.0165 Special 01. Concrete Sidewalk Thickened Edge	1,032.000 SF	_____.	_____.
0592	SPV.0165 Special 02. Remove and Replace Brick Pavers	37.000 SF	_____.	_____.
0594	SPV.0195 Special 01. Management of Solid Waste	461.000 TON	_____.	_____.
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
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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 06/01/2020

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

	Rates	Fringes
ELECTRICIAN.....	\$ 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 (14S or over); Screw Type Pumps and

Gypsum Pumps; Tractor, Bulldozer, End Loader (under 40 hp); Trencher (chain type, bucket under 8 inch); Industrial Locomotives; Rollers under 5 tons; Stump Grinder/Chipper (Large); Timber Equipment; Firemen (pile drivers and derricks); Personnel Hoist, Telehandler over 8000 lbs; Robotic Tool Carrier with or without attachments

GROUP 6: Tampers - Compactors (riding type); Assistant Engineer; A-Frames and Winch Trucks; Concrete Auto Breaker; Hydrohammers (small); Brooms and Sweepers; Hoist (tuggers under 5 tons); Boats (Tug, Safety, Work Barges, Launch); Shouldering Machine Operator; Prestress Machines; Screed Operator; Stone Crushers and Screening Plants; Screed Operators (milling machine), Farm or Industrial Tractor Mounted Equipment; Post Hole Digger; Fireman (asphalt plants); Air Compressors over 400 CFM; Generators, over 150 KW; Augers (vertical and horizontal); Air, Electric, Hydraulic Jacks (slipform); Skid Steer Loaders (with or without attachments); Boiler Operators (temporary heat); Refrigeration Plant/Freeze Machines; Power Pack Vibratory/Ultra Sound Drivers and Extractors; Welding Machines; Heaters (mechanical); Pumps; Winches (small electric); Oiler and Greaser; Rotary Drill Tender; Conveyor; Forklifts/Telehandler 8000 lbs & under; Elevators: Automatic Hoists; Pumps (well points); Combination Small Equipment Operators

 ENGI0139-003 06/01/2020

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
--	-------	---------

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

 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.

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END OF GENERAL DECISION"



Wisconsin Department of Transportation

Division of Transportation Systems Development

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

October 22, 2020

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

NOTICE TO ALL CONTRACTORS:

Proposal #18: 2440-09-70, WISC 2020 539
Washington Ave, City of Racine
Roosevelt Ave to West Blvd
STH 20
Racine County

Letting of November 10, 2020

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

Schedule of Items:

Added Bid Item Quantities					
Bid Item	Item Description	Unit	Old Quantity	Revised Quantity	Proposal Total
608.3012	Storm Sewer Pipe Class III-A 12-Inch	LF	0	4,465	4,465
608.3015	Storm Sewer Pipe Class III-A 15-Inch	LF	0	1,270	1,270
608.3018	Storm Sewer Pipe Class III-A 18-Inch	LF	0	102	102
608.3018	Storm Sewer Pipe Class III-A 24-Inch	LF	0	294	294

Deleted Bid Item Quantities					
Bid Item	Item Description	Unit	Old Quantity	Revised Quantity	Proposal Total
608.0312	Storm Sewer Pipe Reinforced Concrete Class III 12-Inch	LF	4,465	-4,465	0
608.0315	Storm Sewer Pipe Reinforced Concrete Class III 15-Inch	LF	1,270	-1,270	0
608.0318	Storm Sewer Pipe Reinforced Concrete Class III 18-Inch	LF	102	-102	0
608.0324	Storm Sewer Pipe Reinforced Concrete Class III 24-Inch	LF	294	-294	0

Plan Sheets:

Revised Plan Sheets	
Plan Sheet	Plan Sheet Title (brief description of changes to sheet)
138 - 157	Storm Sewer Sheets: Note is added to replace "Storm Sewer Pipe Reinforced Concrete Class III" with "Storm Sewer Pipe Class III-A" on all sheets.
377 - 378	Miscellaneous Quantity Table for bid Items "Storm Sewer Pipe Reinforced Concrete Class III" are Replaced with "Storm Sewer Pipe Class III-A" on both sheets.

Schedule of Items

Attached, dated October 21, 2022 are the revised Schedule of Items Pages 1 – 20.

Plan Sheets

The following 8½ x 11-inch sheets are attached and made part of the plans for this proposal:
Revised: Sheets 138 - 157, 377, and 378.

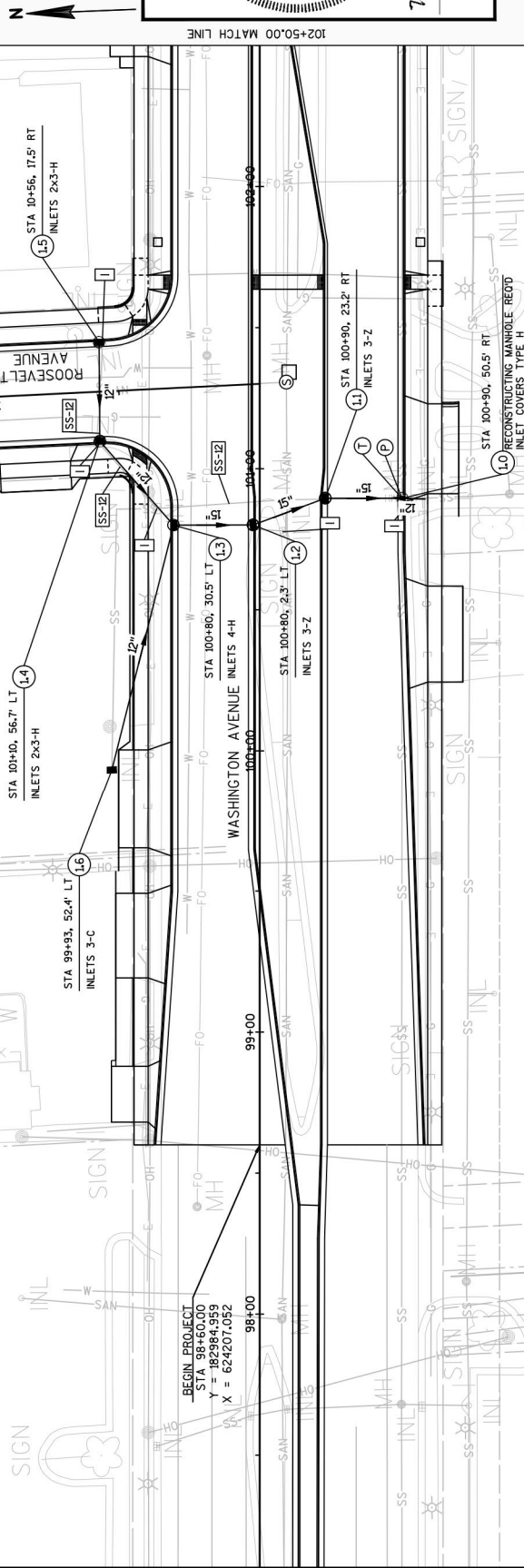
The responsibility for notifying potential subcontractors and suppliers of these changes remains with the prime contractor.

Sincerely,

Mike Coleman

Proposal Development Specialist
Proposal Management Section

END OF ADDENDUM



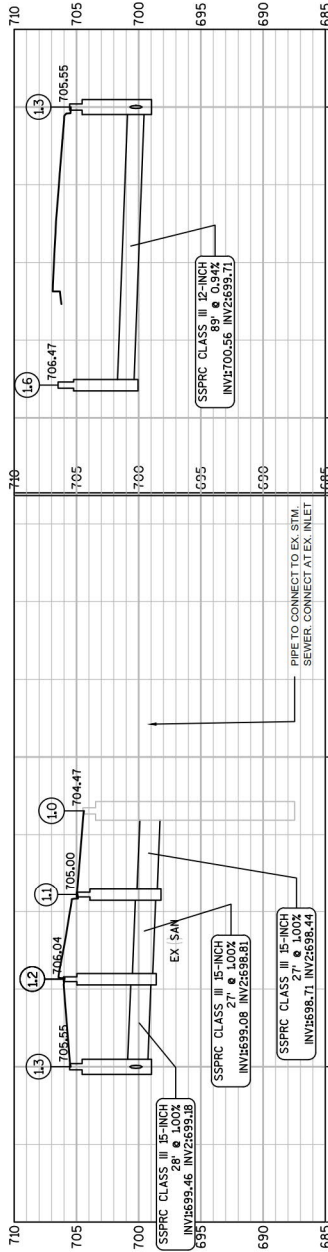
ORIGINAL PLANS PREPARED BY:

DATE: 7-16-2020

THIS DRAWING APPLIES TO: ALL

Addendum No. 01
 ID 2440-09-70
 Revised Sheet 138
 October 22, 2020

REPLACE SSRPC CLASS III
 PIPES WITH SSP CLASS III-A

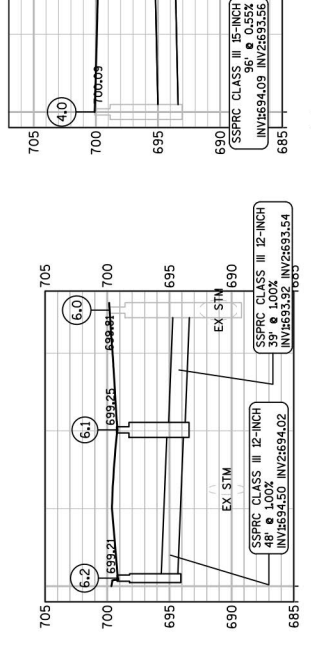
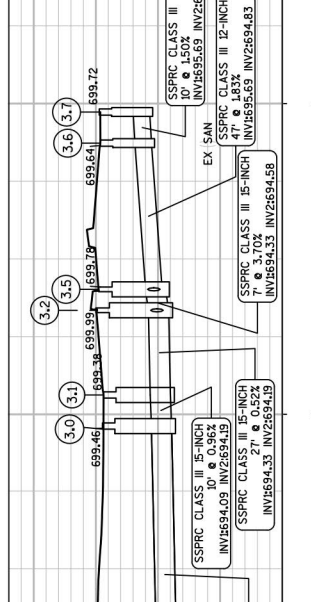
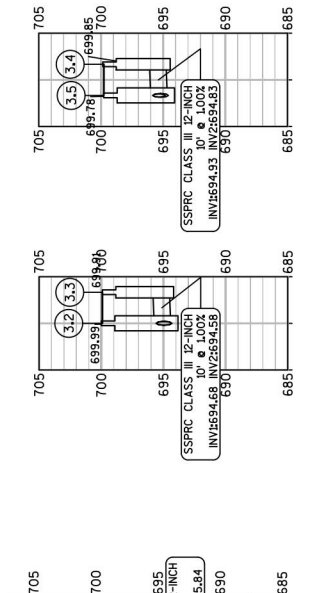
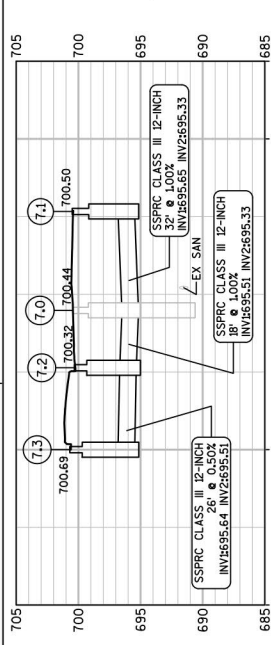
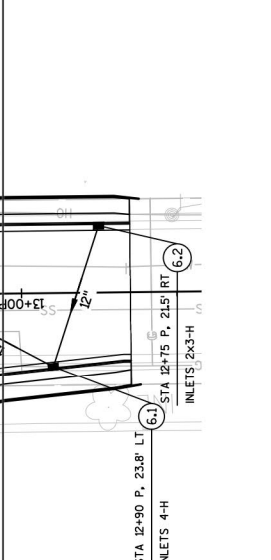
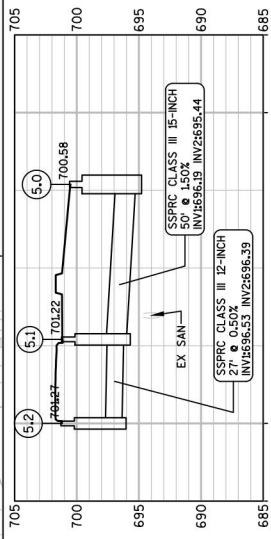
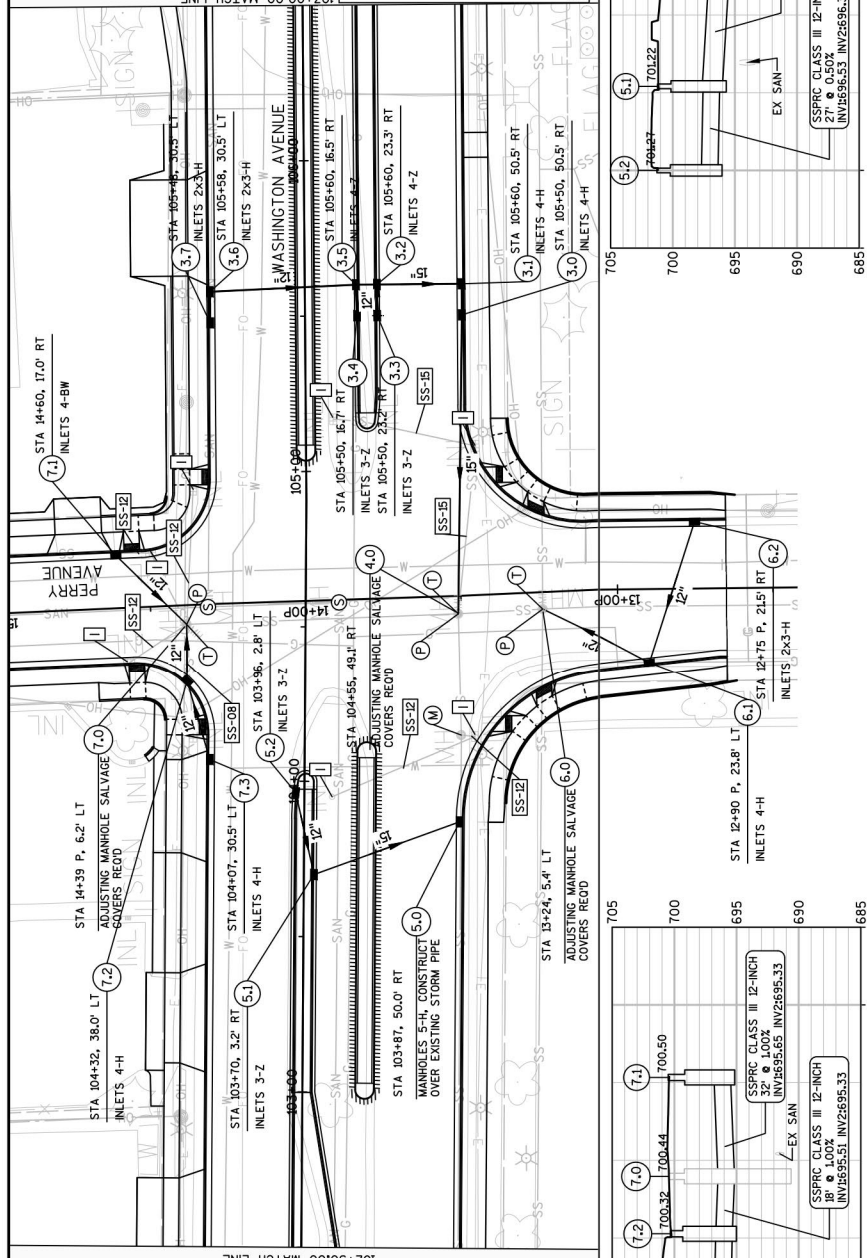


- LEGEND:
- [M] REMOVING STORM SEWER MANHOLES REOD
 - [L] REMOVING INLETS REOD
 - [A] ADJUSTING STORM SEWER MANHOLE COVERS REOD
 - [S] ADJUSTING SANITARY SEWER MANHOLE COVERS REOD
 - [I] ADJUSTING INLET COVERS REOD
 - [A] RECONSTRUCTING STORM SEWER MANHOLES REOD
 - [A] RECONSTRUCTING SANITARY SEWER MANHOLES REOD
 - [T] STORM SEWER TAP REOD
 - [P] SEALING PIPES REOD
 - [SS-32] REMOVING STORM SEWER (XX-INCH)

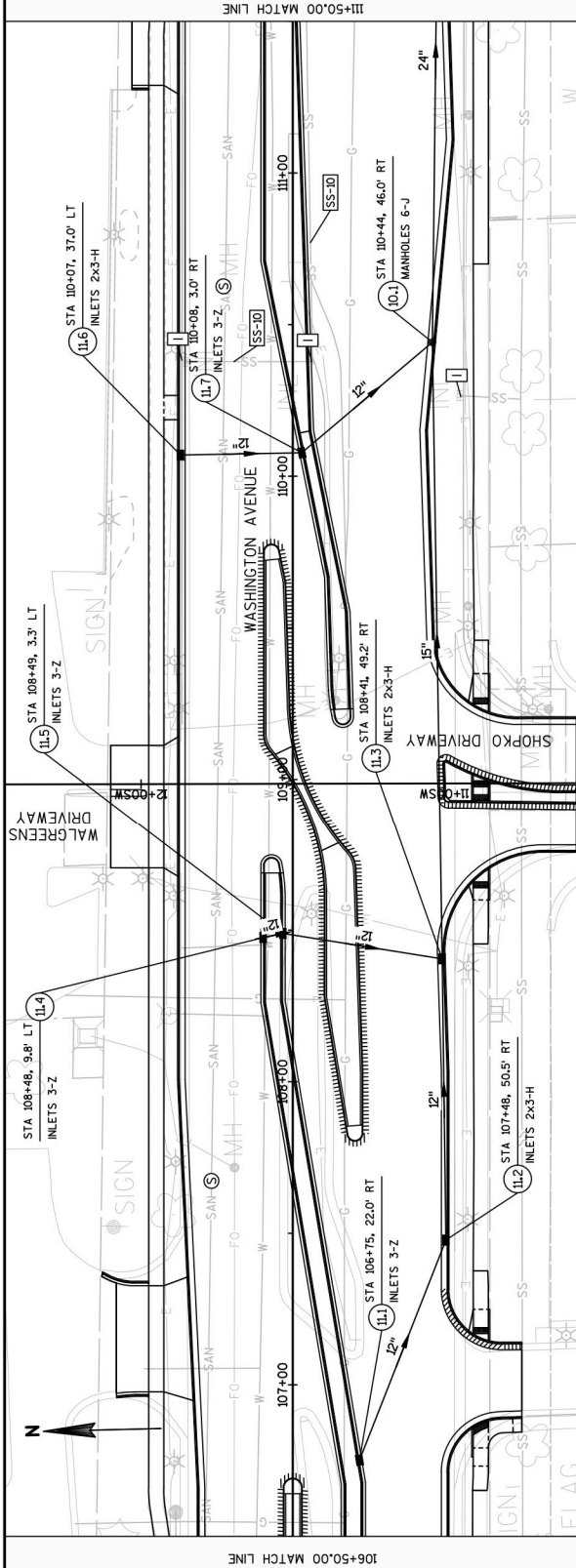
REPLACE SSPPRC CLASS III
PIPES WITH SSP CLASS III-A

- LEGEND**
- M** REMOVING STORM SEWER MANHOLES REOD
 - L** REMOVING INLETS REOD
 - S** ADJUSTING STORM SEWER MANHOLE COVERS REOD
 - U** ADJUSTING SANITARY SEWER MANHOLE COVERS REOD
 - O** ADJUSTING INLET COVERS REOD
 - A** RECONSTRUCTING STORM SEWER MANHOLES REOD
 - T** RECONSTRUCTING SANITARY SEWER MANHOLES REOD
 - P** STORM SEWER TAP REOD
 - SS-XX** SEALING PIPES REOD
 - SS-XX** REMOVING STORM SEWER XX-INCH

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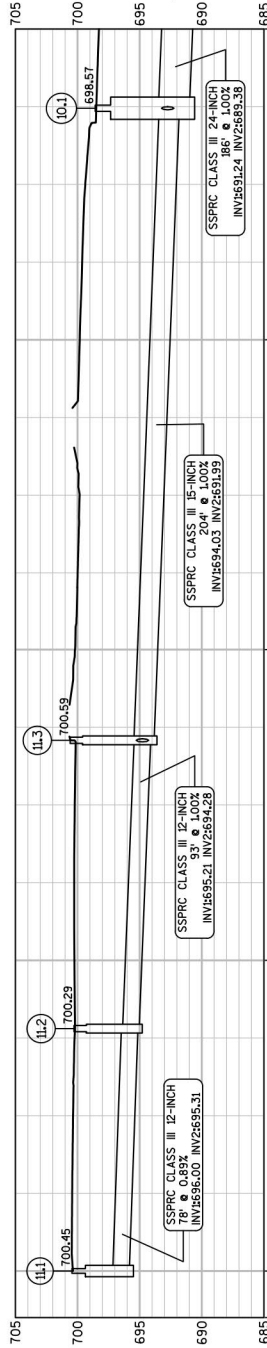


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ID 2440-09-70
Revised Sheet 140
October 22, 2020



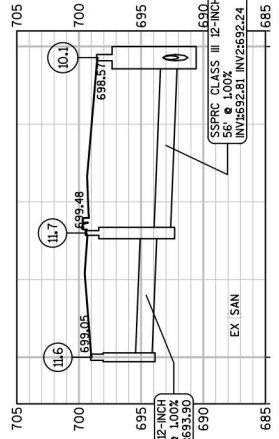
106+50.00 MATCH LINE

113+50.00 MATCH LINE

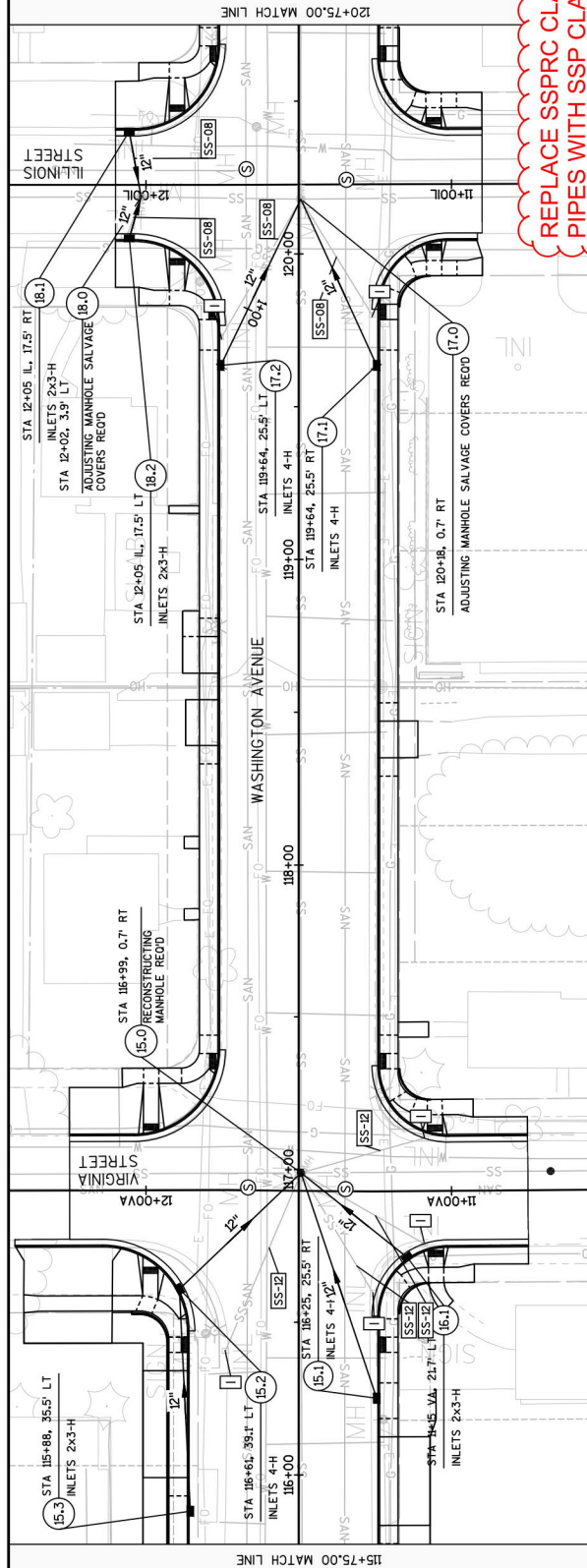


PIPE TO CONTINUE TO INLET 12.3

REPLACE SSRPC CLASS III
PIPES WITH SSP CLASS III-A

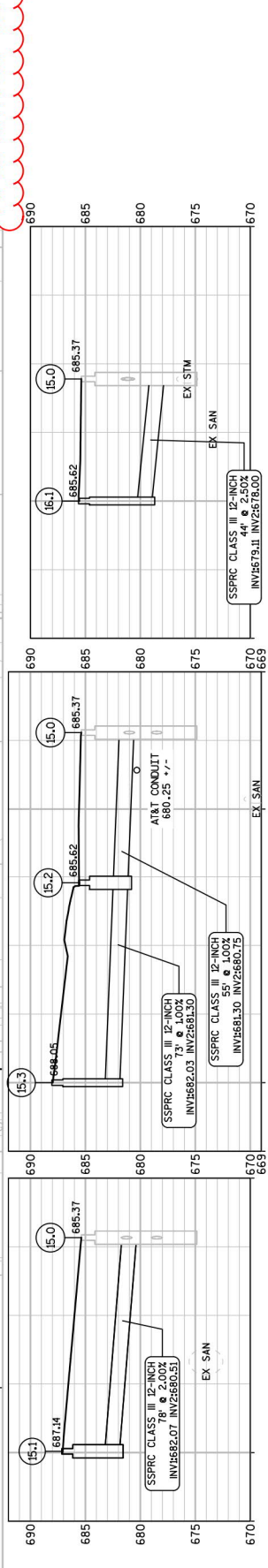


- LEGEND:**
- REMOVING STORM SEWER MANHOLES RECD
 - REMOVING INLETS RECD
 - ADJUSTING STORM SEWER MANHOLE COVERS RECD
 - ADJUSTING SANITARY SEWER MANHOLE COVERS RECD
 - ADJUSTING INLET COVERS RECD
 - RECONSTRUCTING STORM SEWER MANHOLES RECD
 - RECONSTRUCTING SANITARY SEWER MANHOLES RECD
 - STORM SEWER TAP REOD
 - SEALING PIPES REOD
 - REMOVING STORM SEWER (XX-INCH)

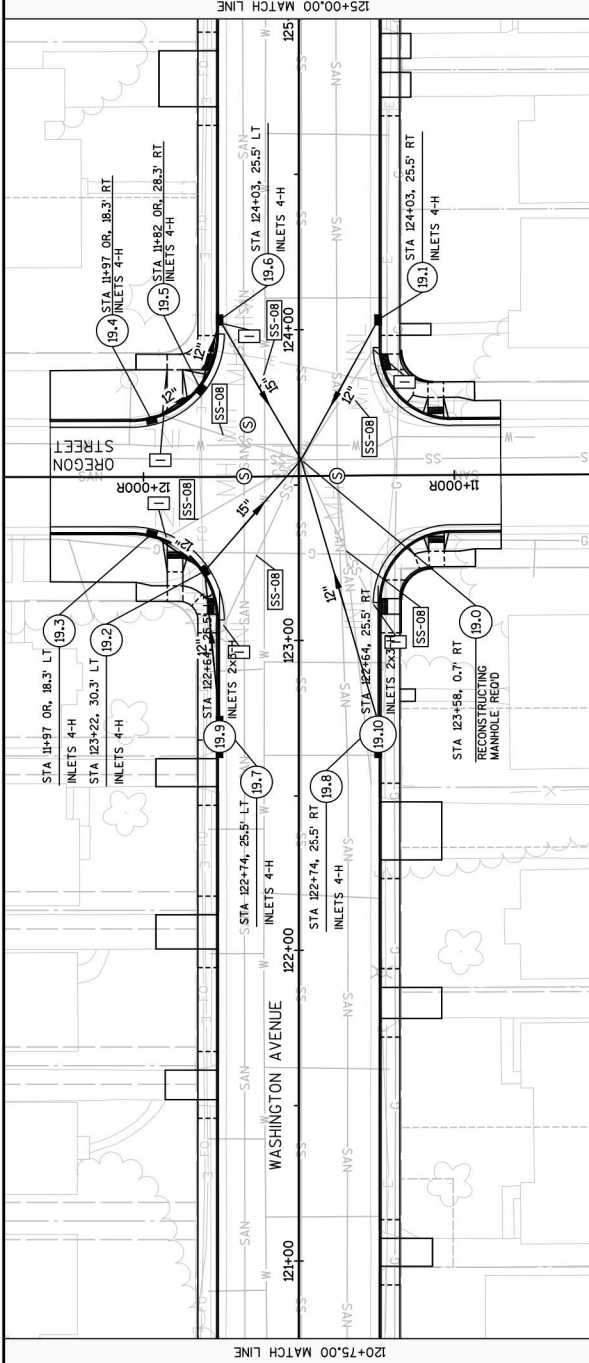


REPLACE SSPRC CLASS III
PIPES WITH SSP CLASS III-A

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ID 2440-09-70
Revised Sheet 142
October 22, 2020



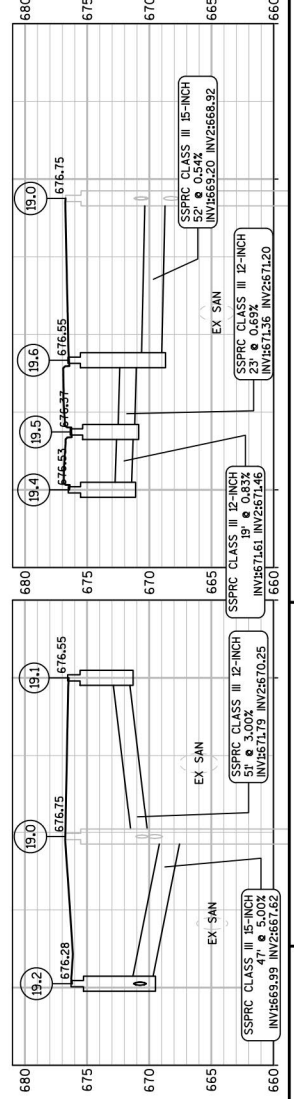
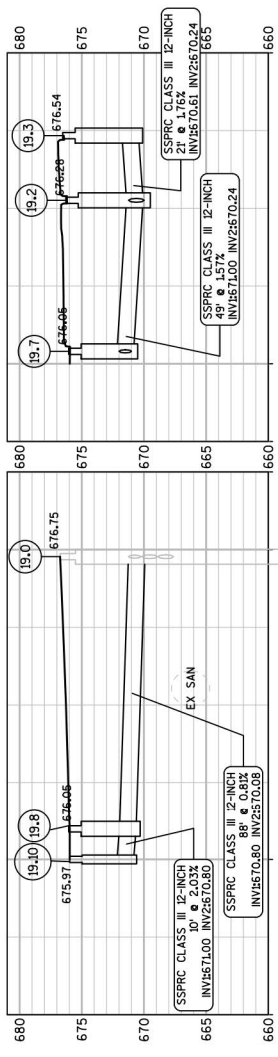
- LEGEND:
- [M] REMOVING STORM SEWER MANHOLES RECD
 - [I] REMOVING INLETS RECD
 - [M] ADJUSTING STORM SEWER MANHOLE COVERS RECD
 - [S] ADJUSTING SANITARY SEWER MANHOLE COVERS RECD
 - [L] ADJUSTING INLET COVERS RECD
 - [A] RECONSTRUCTING STORM SEWER MANHOLES RECD
 - [A] RECONSTRUCTING SANITARY SEWER MANHOLES RECD
 - [T] STORM SEWER TAP RECD
 - [P] SEALING PIPES RECD
 - [SS-XX] REMOVING STORM SEWER (XX-INCH)

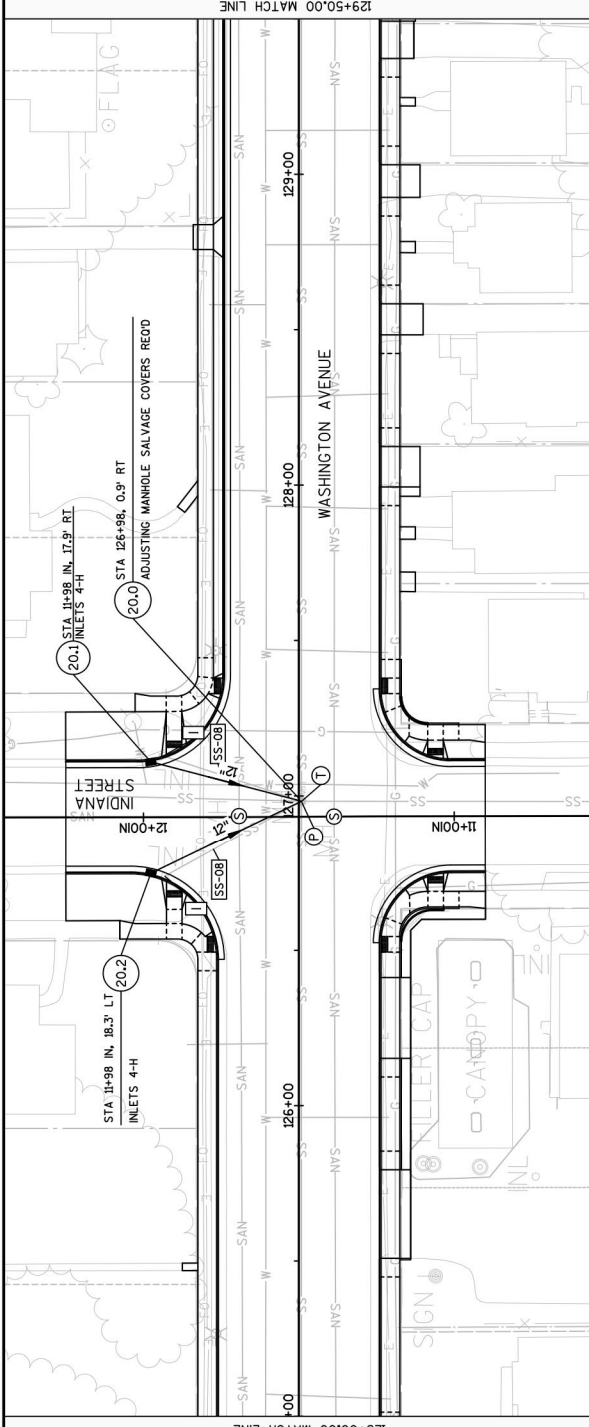


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 ID 2440-09-70
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 October 22, 2020

REPLACE SSPRC CLASS III
 PIPES WITH SSP CLASS III-A

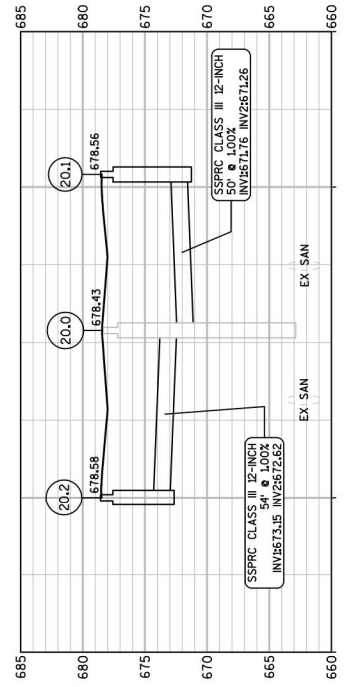
- LEGEND:**
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 - REMOVING INLETS REOD
 - ADJUSTING STORM SEWER MANHOLE COVERS REOD
 - ADJUSTING SANITARY SEWER MANHOLE COVERS REOD
 - ADJUSTING INLET COVERS REOD
 - RECONSTRUCTING STORM SEWER MANHOLES REOD
 - RECONSTRUCTING SANITARY SEWER MANHOLES REOD
 - STORM SEWER TAP REOD
 - SEALING PIPES REOD
 - REMOVING STORM SEWER (XX-INCH)





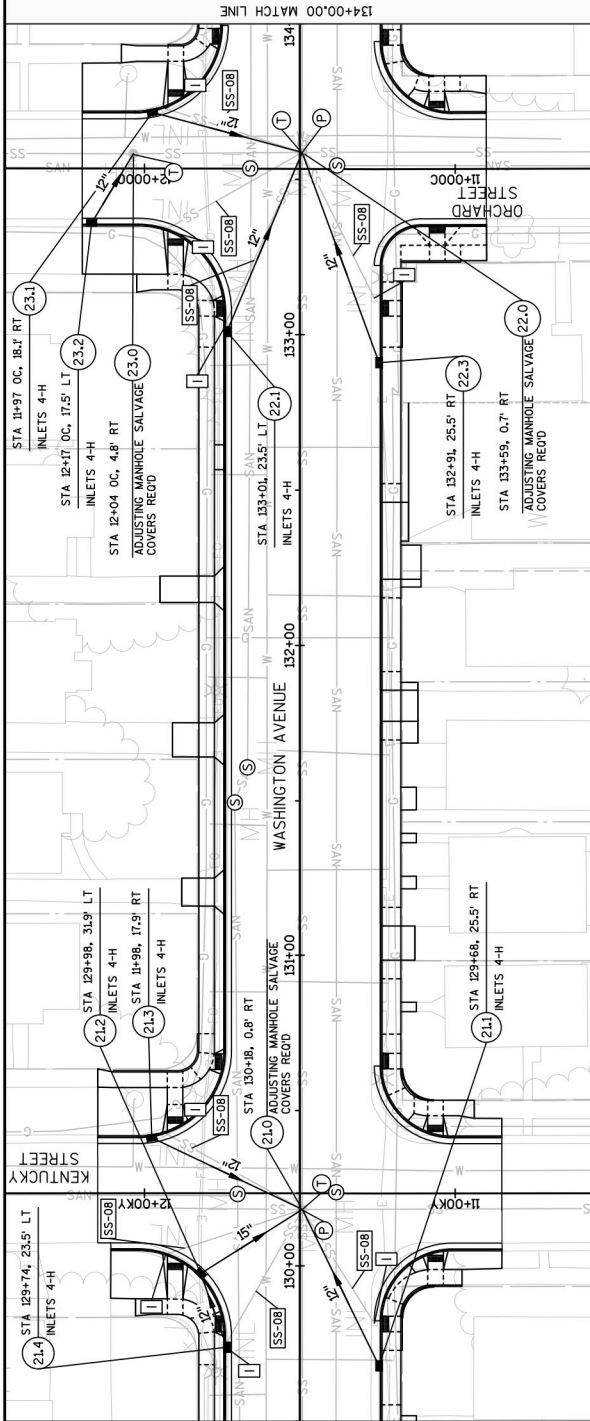
REPLACE SSPRC CLASS III PIPES WITH SSP CLASS III-A

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Revised Sheet 144
October 22, 2020

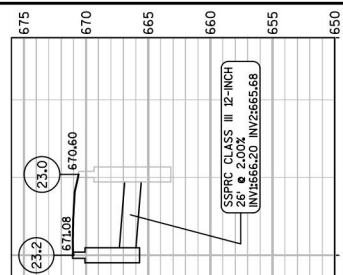
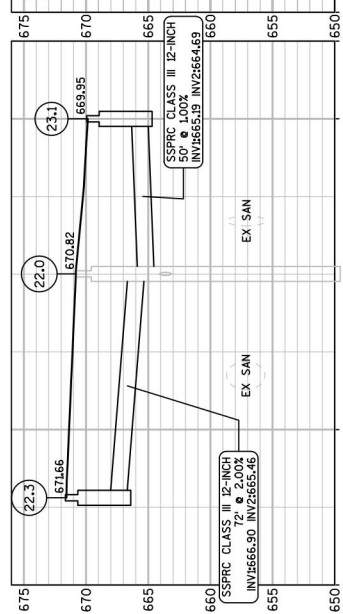
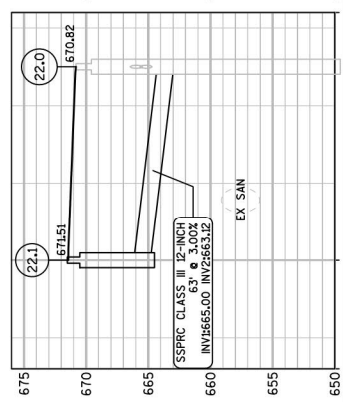
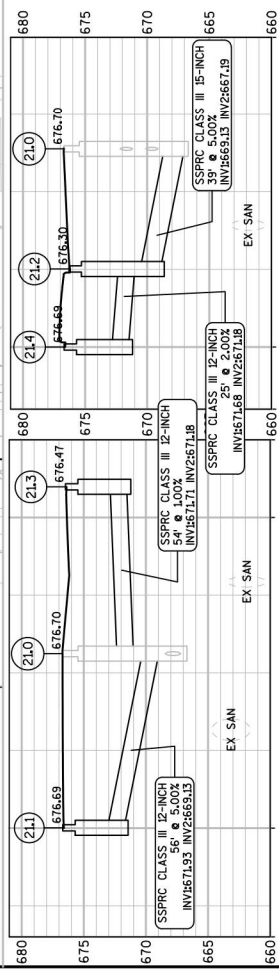


- LEGEND:**
- W REMOVING STORM SEWER MANHOLES REOD
 - I REMOVING INLETS REOD
 - M ADJUSTING STORM SEWER MANHOLE COVERS REOD
 - S ADJUSTING SANITARY SEWER MANHOLE COVERS REOD
 - L ADJUSTING INLET COVERS REOD
 - A RECONSTRUCTING STORM SEWER MANHOLES REOD
 - T RECONSTRUCTING SANITARY SEWER MANHOLES REOD
 - P STORM SEWER TAP REOD
 - SS-XX REMOVING STORM SEWER (XX-INCH)

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October 22, 2020

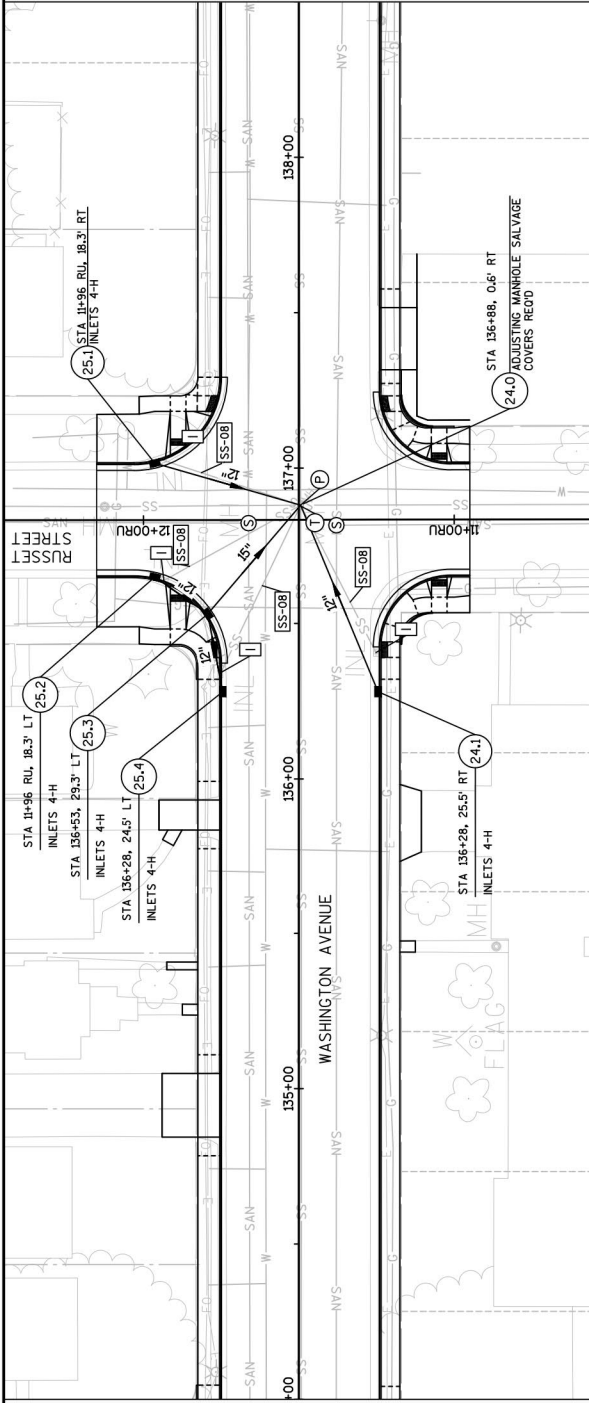


REPLACE SSPRC CLASS III
PIPES WITH SSP CLASS III-A

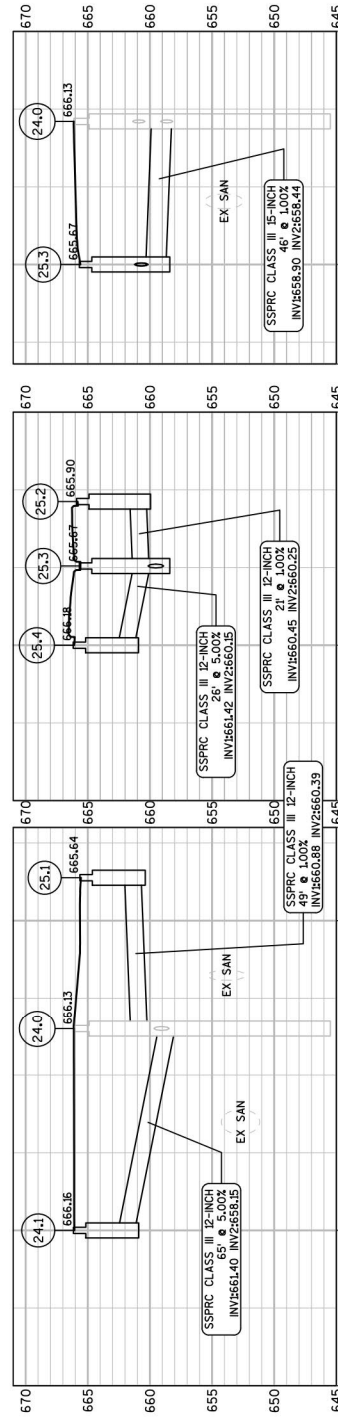


- LEGEND:**
- REMOVING STORM SEWER MANHOLES REOD
 - REMOVING INLETS REOD
 - ADJUSTING STORM SEWER MANHOLE COVERS REOD
 - ADJUSTING SANITARY SEWER MANHOLE COVERS REOD
 - ADJUSTING INLET COVERS REOD
 - RECONSTRUCTING STORM SEWER MANHOLES REOD
 - RECONSTRUCTING SANITARY SEWER MANHOLES REOD
 - STORM SEWER TAP REOD
 - SEALING PIPES REOD
 - REMOVING STORM SEWER (XX-INCH)

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October 22, 2020



REPLACE SSPRC CLASS III
PIPES WITH SSP CLASS III-A



- LEGEND:**
- REMOVING STORM SEWER MANHOLES REOD
 - REMOVING INLETS REOD
 - ADJUSTING STORM SEWER MANHOLE COVERS REOD
 - ADJUSTING SANITARY SEWER MANHOLE COVERS REOD
 - ADJUSTING INLET COVERS REOD
 - RECONSTRUCTING STORM SEWER MANHOLES REOD
 - RECONSTRUCTING SANITARY SEWER MANHOLES REOD
 - STORM SEWER TAP REOD
 - SEALING PIPES REOD
 - REMOVING STORM SEWER (XX-INCH)

PROJECT NO: 2440-09-70

HWY: STH 20

COUNTY: RACINE

STORM SEWER

SHEET

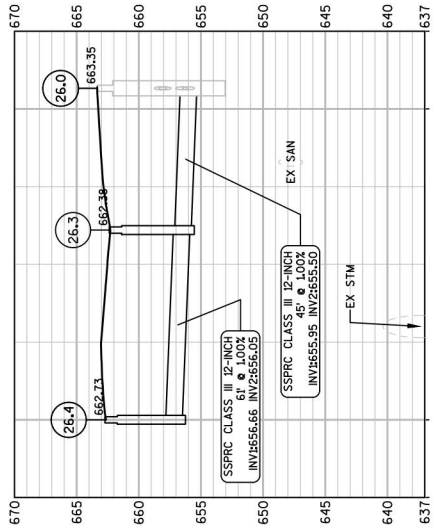
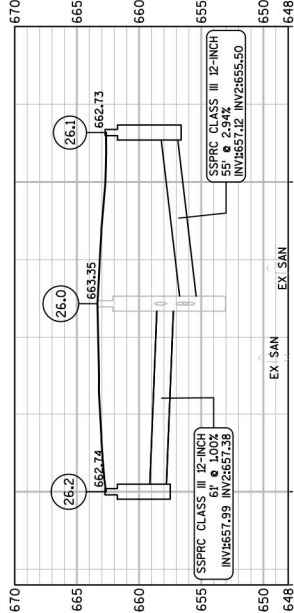
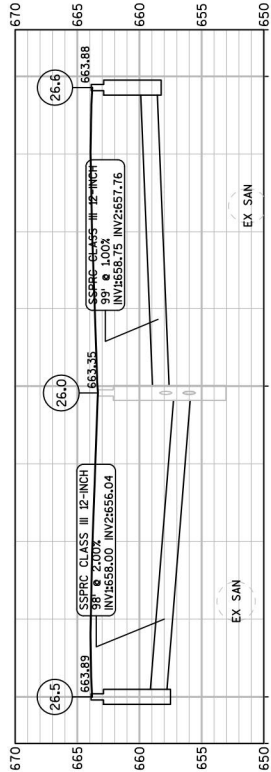
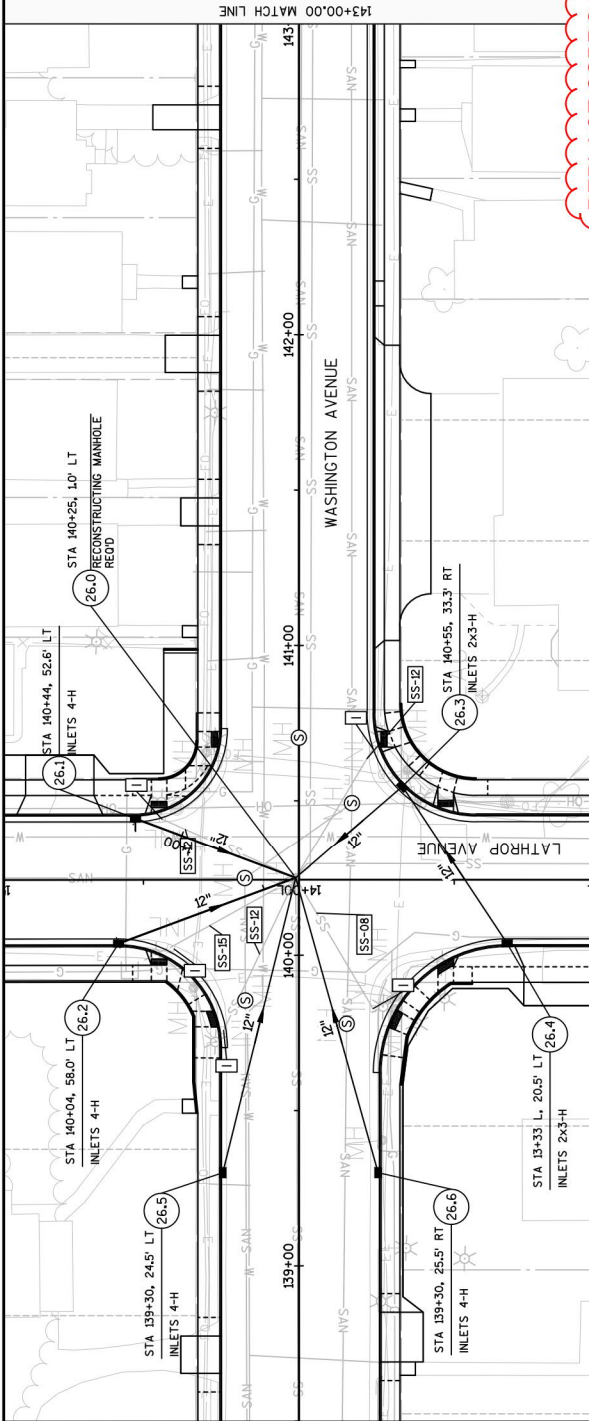
146

WISDOT/CADD SHEET 41

FILE NAME : F:\B494 WASHINGTON AVE (5TH 20) , RACINE COUNTY\TRANSPORTATION\CADD\B494_STH 20_SHEET\PLAN\022501_SS.DWG
PLOT DATE : 7/13/2020 5:22 PM
PLOT BY : RYAN TOY
PLOT NAME :
PLOT SCALE : 1 IN=40 FT

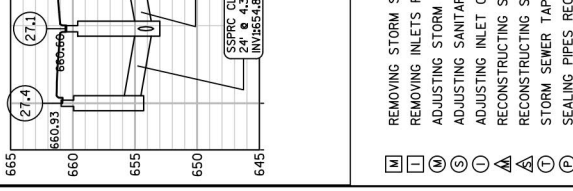
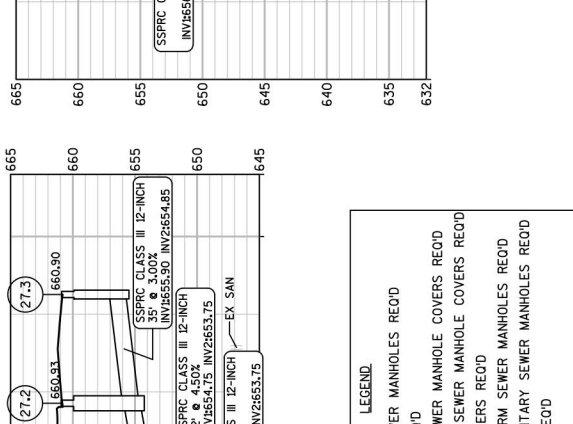
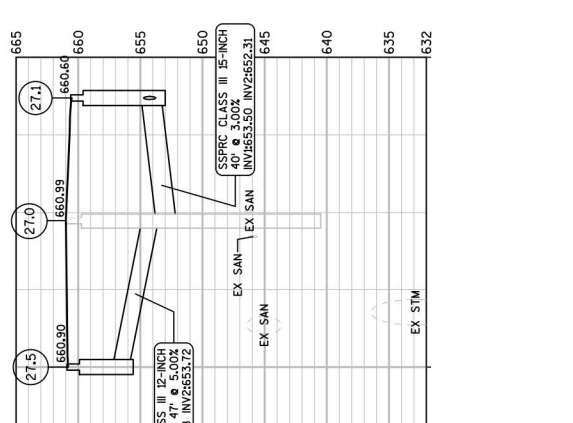
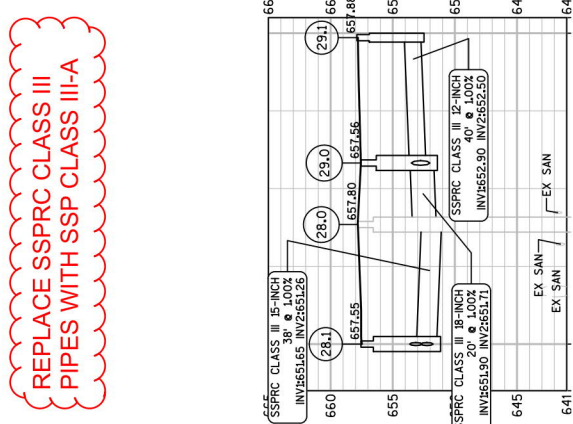
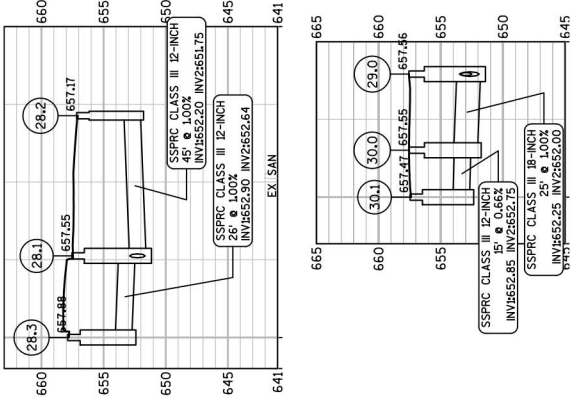
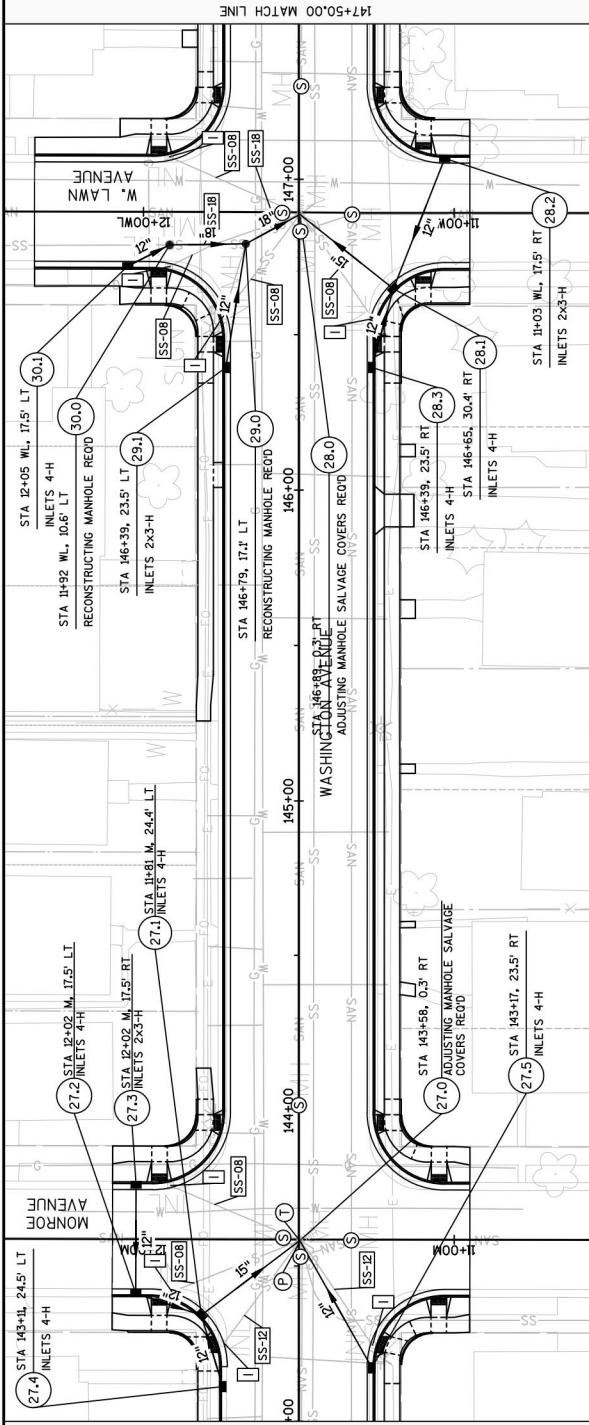
Addendum No. 01
ID 2440-09-70
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October 22, 2020

REPLACE SSPRC CLASS III
PIPES WITH SSP CLASS III-A



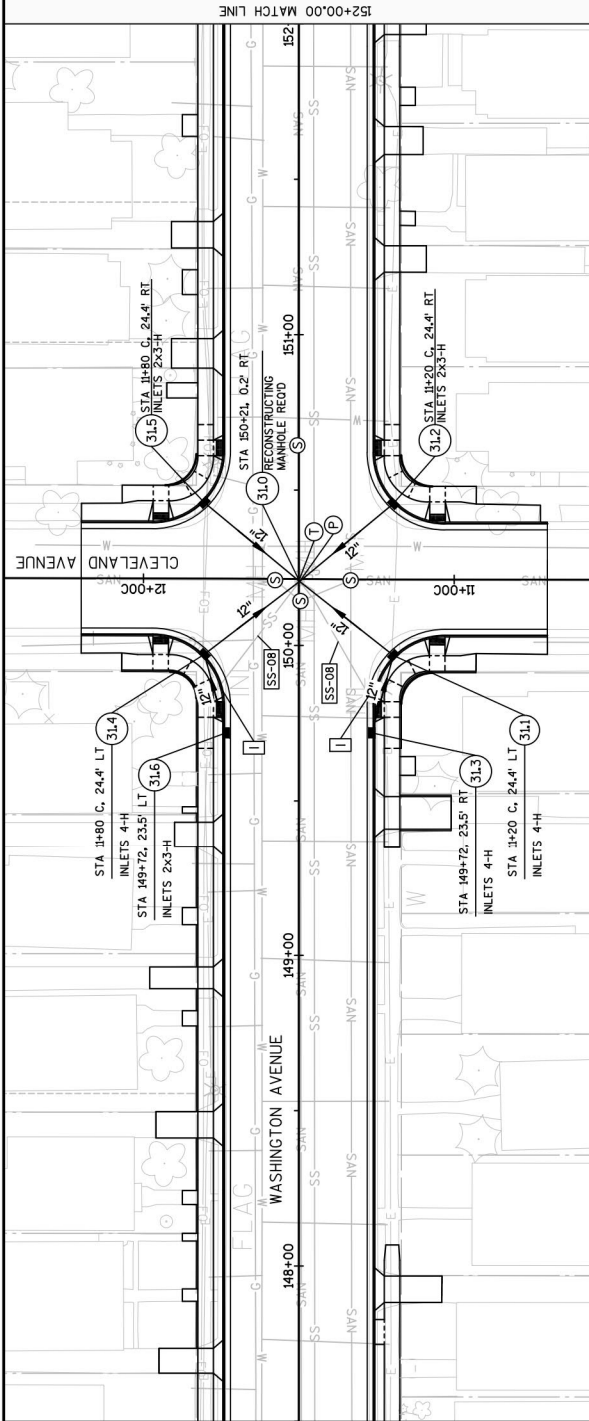
- LEGEND:**
- [M] REMOVING STORM SEWER MANHOLES REOD
 - [L] REMOVING INLETS REOD
 - [M] ADJUSTING STORM SEWER MANHOLE COVERS REOD
 - [S] ADJUSTING SANITARY SEWER MANHOLE COVERS REOD
 - [L] ADJUSTING INLET COVERS REOD
 - [A] RECONSTRUCTING STORM SEWER MANHOLES REOD
 - [A] RECONSTRUCTING SANITARY SEWER MANHOLES REOD
 - [T] STORM SEWER TAP REOD
 - [P] SEALING PIPES REOD
 - [SS-XX] REMOVING STORM SEWER (XX-INCH)

Addendum No. 01
ID 2440-09-70
Revised Sheet 148
October 22, 2020

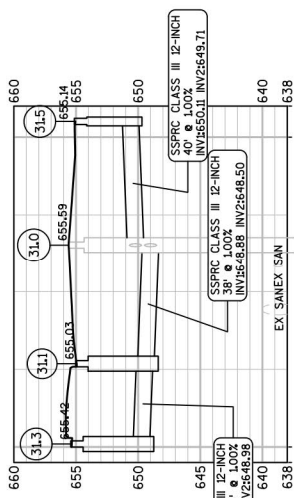
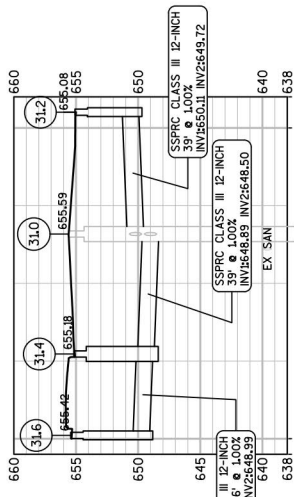


REPLACE SSPRC CLASS III
PIPES WITH SSP CLASS III-A

- LEGEND:**
- REMOVING STORM SEWER MANHOLES RECD
 - REMOVING INLETS RECD
 - ADJUSTING STORM SEWER MANHOLE COVERS RECD
 - ADJUSTING SANITARY SEWER MANHOLE COVERS RECD
 - ADJUSTING INLET COVERS RECD
 - RECONSTRUCTING STORM SEWER MANHOLES RECD
 - RECONSTRUCTING SANITARY SEWER MANHOLES RECD
 - STORM SEWER TAP RECD
 - SEALING PIPES RECD
 - REMOVING STORM SEWER (XX-INCH)



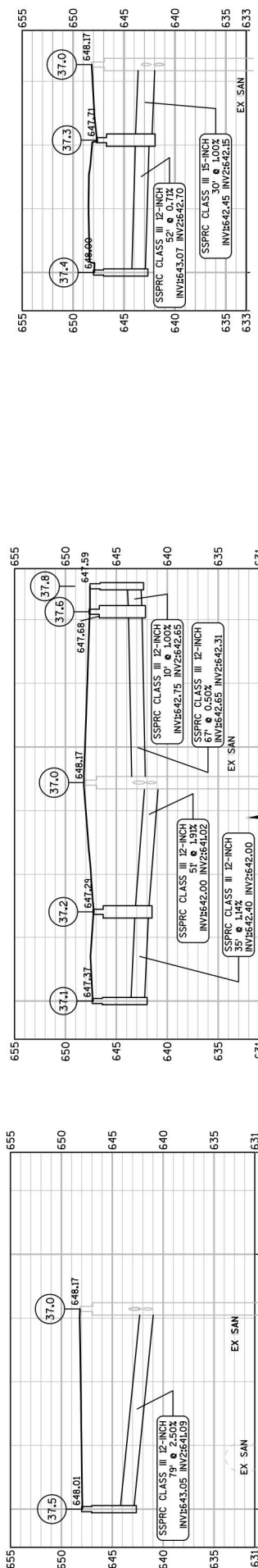
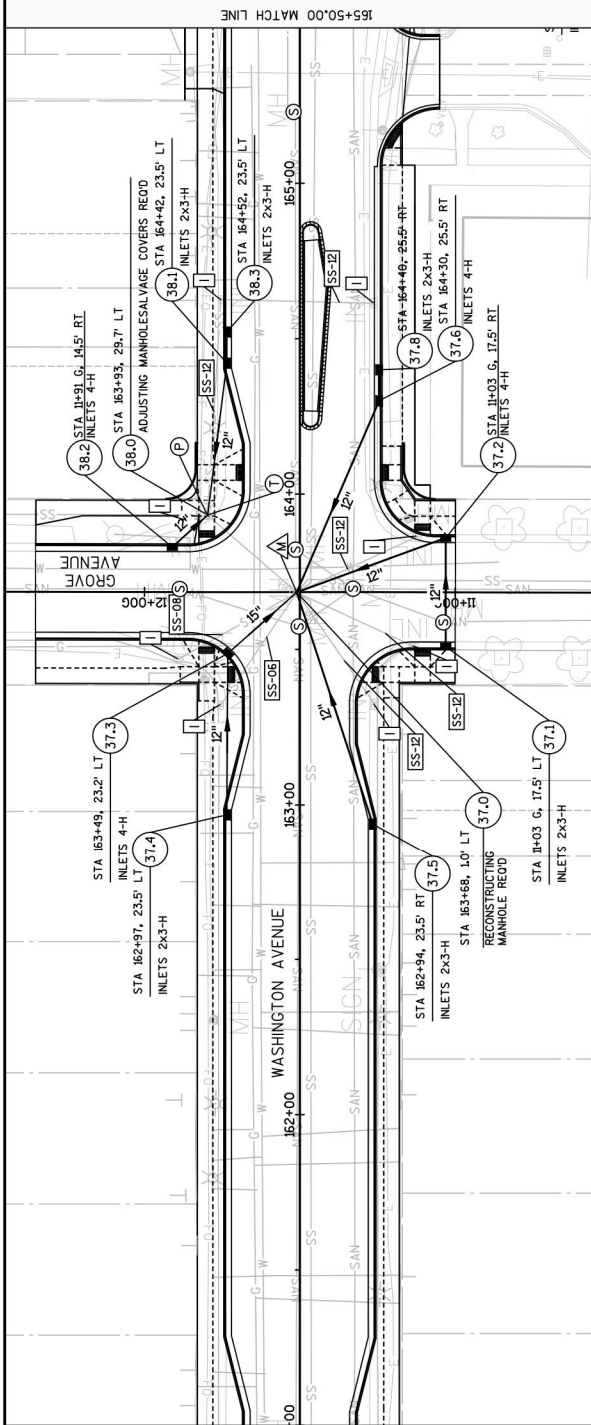
Addendum No. 01
 ID 2440-09-70
 Revised Sheet 149
 October 22, 2020



REPLACE SS-08 CLASS III
 PIPES WITH SSP CLASS III-A

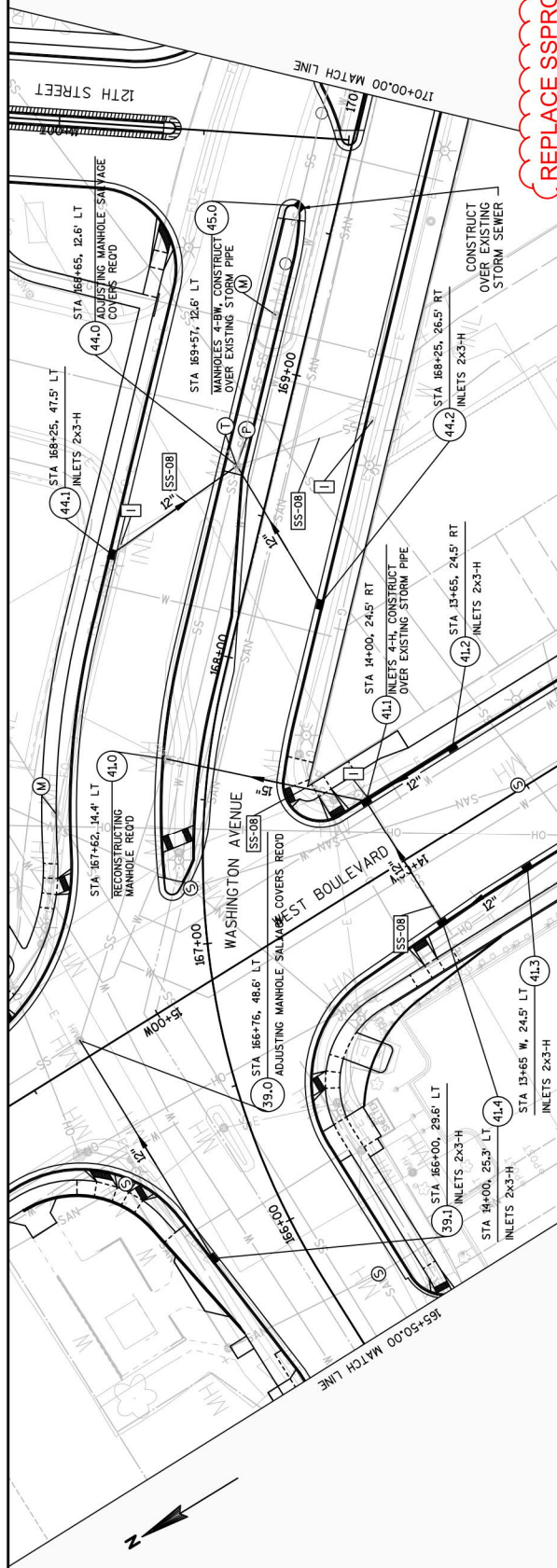
- LEGEND:
- [M] REMOVING STORM SEWER MANHOLES REOD
 - [L] REMOVING INLETS REOD
 - [M] ADJUSTING STORM SEWER MANHOLE COVERS REOD
 - [S] ADJUSTING SANITARY SEWER MANHOLE COVERS REOD
 - [L] ADJUSTING INLET COVERS REOD
 - [A] RECONSTRUCTING STORM SEWER MANHOLES REOD
 - [A] RECONSTRUCTING SANITARY SEWER MANHOLES REOD
 - [T] STORM SEWER TAP REOD
 - [P] SEALING PIPES REOD
 - [SS-XX] REMOVING STORM SEWER (XX-INCH)

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ID 2440-09-70
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October 22, 2020



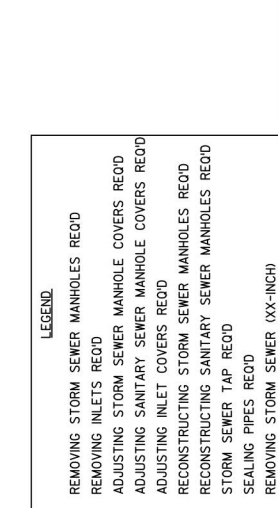
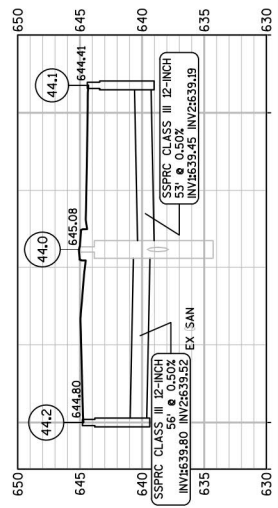
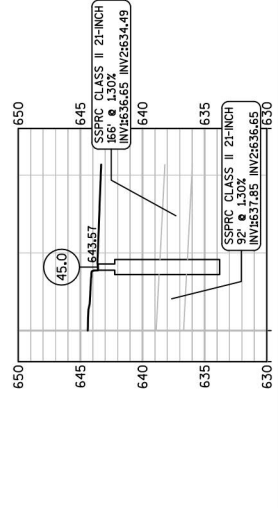
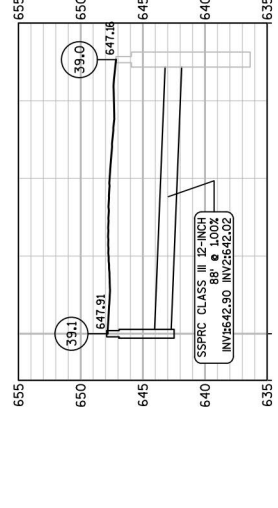
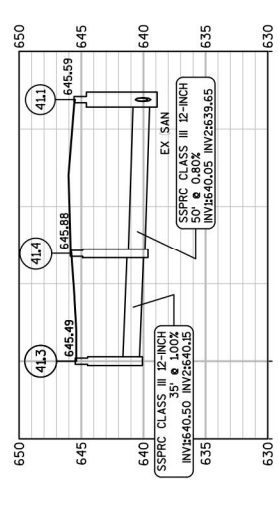
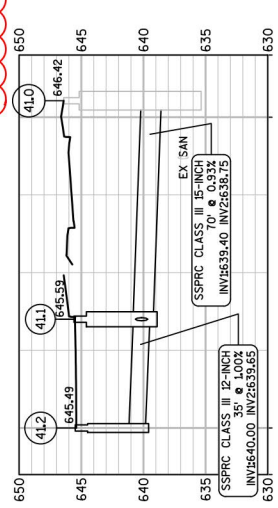
- LEGEND:**
- REMOVING STORM SEWER MANHOLES REOD
 - REMOVING INLETS REOD
 - ADJUSTING STORM SEWER MANHOLE COVERS REOD
 - ADJUSTING SANITARY SEWER MANHOLE COVERS REOD
 - ADJUSTING INLET COVERS REOD
 - RECONSTRUCTING STORM SEWER MANHOLES REOD
 - RECONSTRUCTING SANITARY SEWER MANHOLES REOD
 - STORM SEWER TAP REOD
 - SEALING PIPES REOD
 - REMOVING STORM SEWER (XX-INCH)

REPLACE SSPRC CLASS III
PIPES WITH SSP CLASS III-A

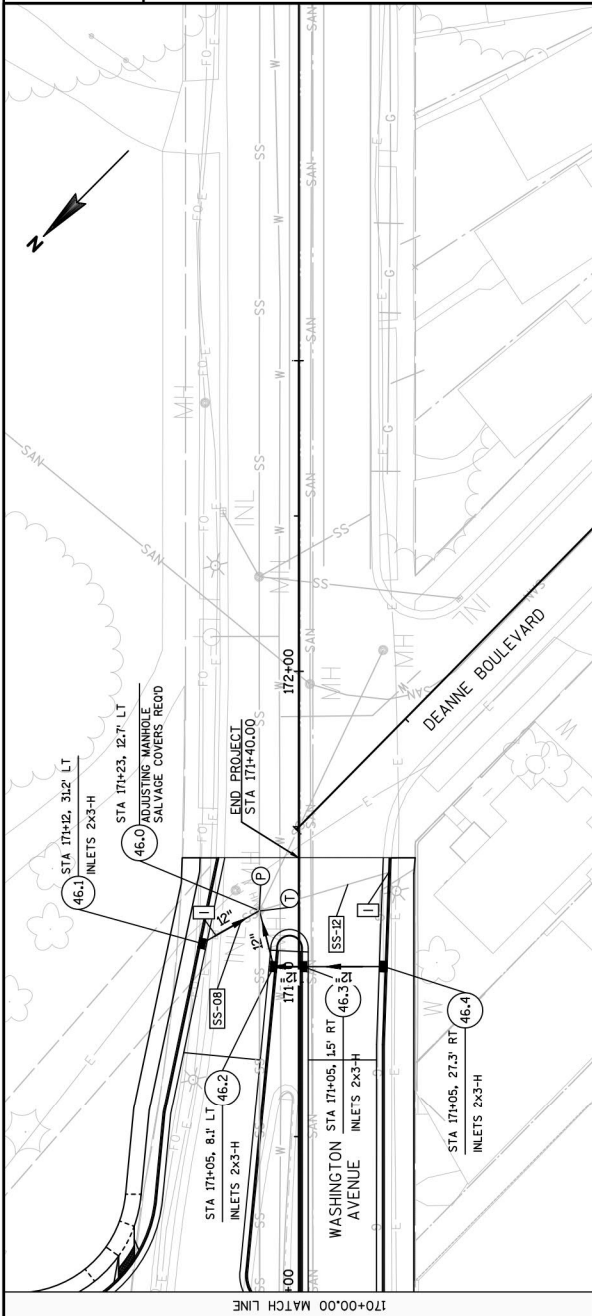


REPLACE SSPRC CLASS III PIPES WITH SSP CLASS III-A

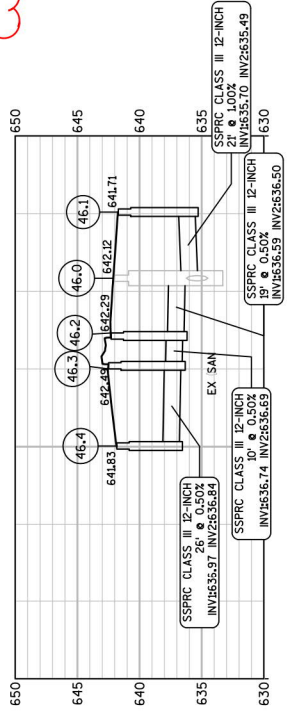
Addendum No. 01
ID 2440-09-70
Revised Sheet 153
October 22, 2020



- LEGEND:**
- REMOVING STORM SEWER MANHOLES REOD
 - REMOVING INLETS REOD
 - ADJUSTING STORM SEWER MANHOLE COVERS REOD
 - ADJUSTING SANITARY SEWER MANHOLE COVERS REOD
 - ADJUSTING INLET COVERS REOD
 - RECONSTRUCTING STORM SEWER MANHOLES REOD
 - RECONSTRUCTING SANITARY SEWER MANHOLES REOD
 - STORM SEWER TAP REOD
 - SEALING PIPES REOD
 - REMOVING STORM SEWER (XX-INCH)

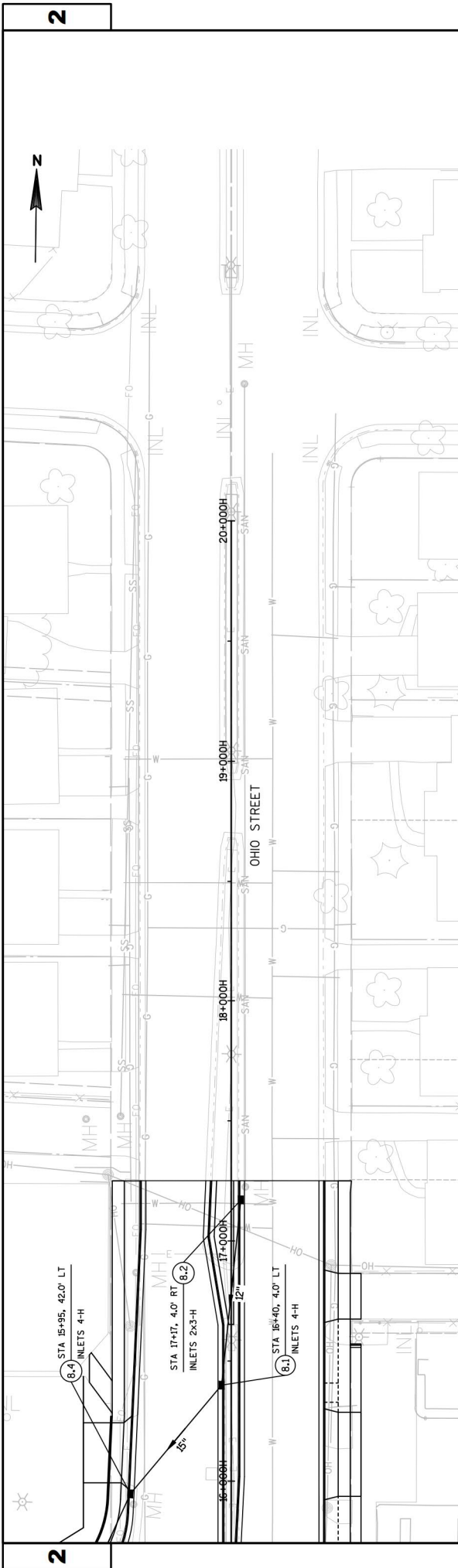


REPLACE SSRPC CLASS III
PIPES WITH SSP CLASS III-A



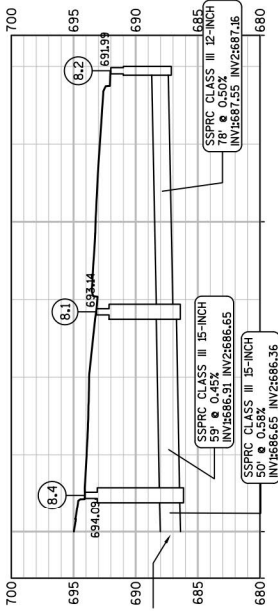
Addendum No. 01
ID 2440-09-70
Revised Sheet 154
October 22, 2020

- LEGEND:**
- [M] REMOVING STORM SEWER MANHOLES REOD
 - [I] REMOVING INLETS REOD
 - [M] ADJUSTING STORM SEWER MANHOLE COVERS REOD
 - [S] ADJUSTING SANITARY SEWER MANHOLE COVERS REOD
 - [L] ADJUSTING INLET COVERS REOD
 - [A] RECONSTRUCTING STORM SEWER MANHOLES REOD
 - [A] RECONSTRUCTING SANITARY SEWER MANHOLES REOD
 - [T] STORM SEWER TAP REOD
 - [P] SEALING PIPES REOD
 - [SS-XX] REMOVING STORM SEWER (XX-INCH)

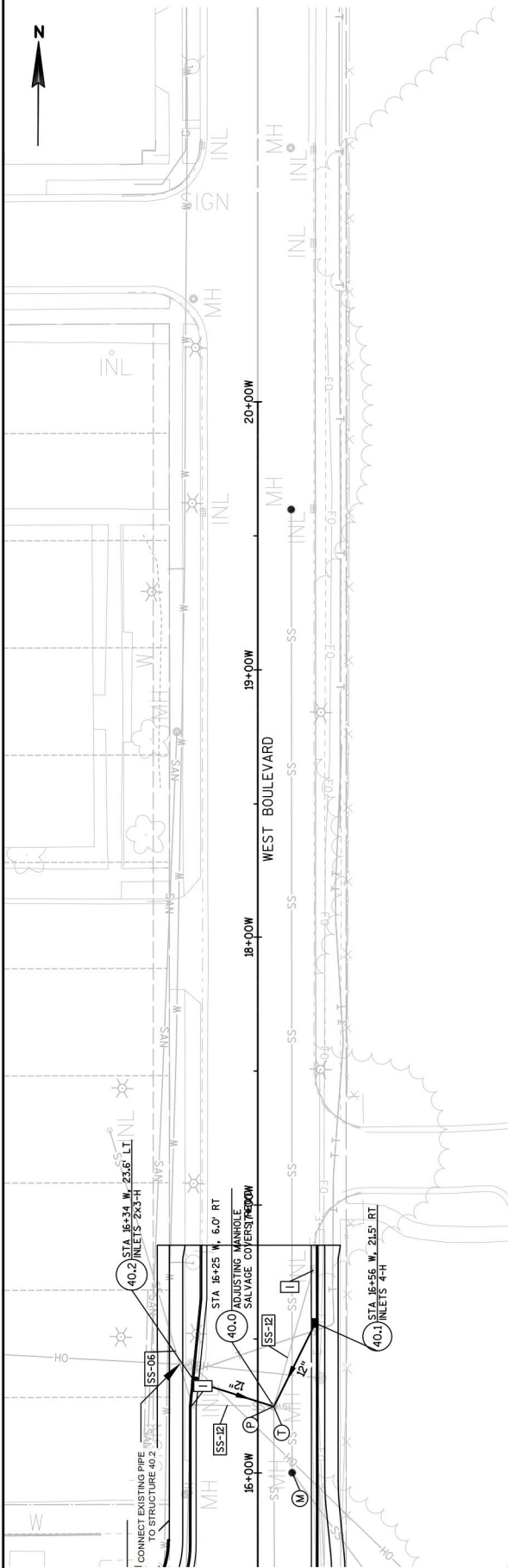


REPLACE SSRPC CLASS III
PIPES WITH SSP CLASS III-A

Addendum No. 01
ID 2440-09-70
Revised Sheet 155
October 22, 2020

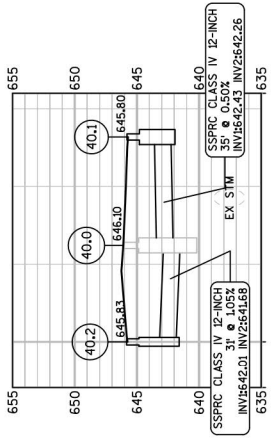


- LEGEND:**
- REMOVING STORM SEWER MANHOLES REOD
 - REMOVING INLETS REOD
 - ADJUSTING STORM SEWER MANHOLE COVERS REOD
 - ADJUSTING SANITARY SEWER MANHOLE COVERS REOD
 - ADJUSTING INLET COVERS REOD
 - RECONSTRUCTING STORM SEWER MANHOLES REOD
 - RECONSTRUCTING SANITARY SEWER MANHOLES REOD
 - STORM SEWER TAP REOD
 - SEALING PIPES REOD
 - REMOVING STORM SEWER (XX-INCH)



REPLACE SSPRC CLASS III
PIPES WITH SSP CLASS III-A

Addendum No. 01
ID 2440-09-70
Revised Sheet 156
October 22, 2020



- LEGEND:**
- [M] REMOVING STORM SEWER MANHOLES REOD
 - [I] REMOVING INLETS REOD
 - [L] ADJUSTING STORM SEWER MANHOLE COVERS REOD
 - [S] ADJUSTING SANITARY SEWER MANHOLE COVERS REOD
 - [L] ADJUSTING INLET COVERS REOD
 - [A] RECONSTRUCTING STORM SEWER MANHOLES REOD
 - [A] RECONSTRUCTING SANITARY SEWER MANHOLES REOD
 - [T] STORM SEWER TAP REOD
 - [P] SEALING PIPES REOD
 - [SS-XX] REMOVING STORM SEWER (XX-INCH)

PROJECT NO: 2440-09-70

HWY: STH 20

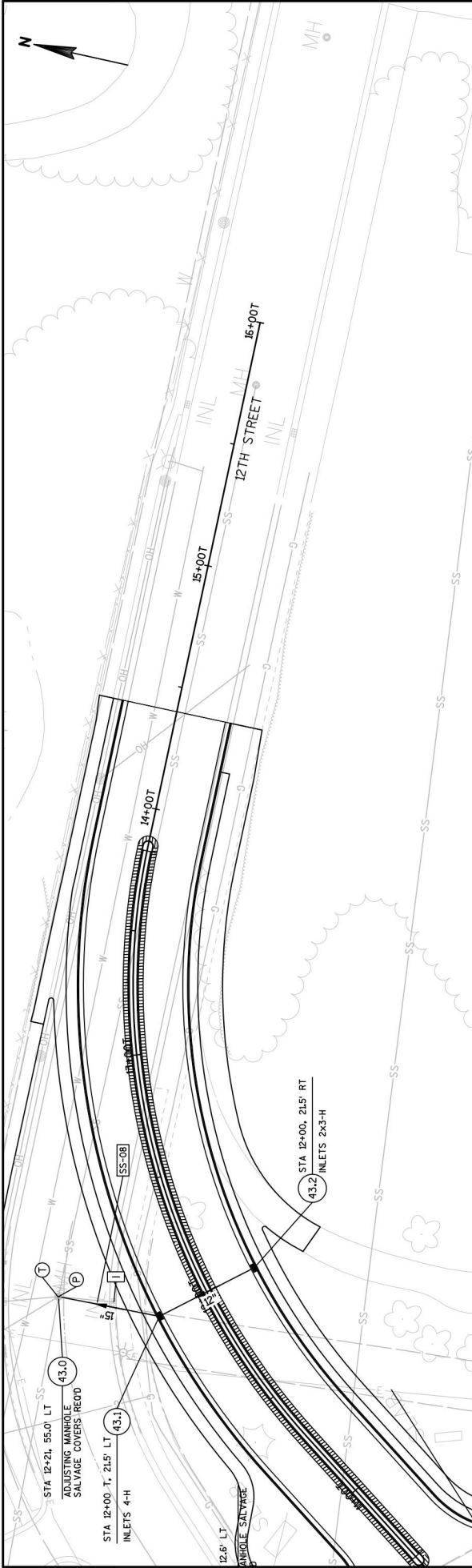
COUNTY: RACINE

STORM SEWER

SHEET

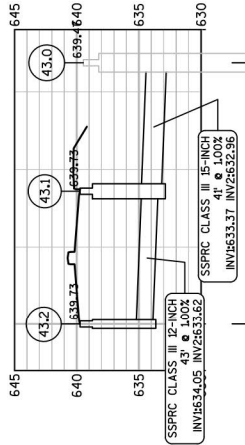
156

E



REPLACE SSPRC CLASS III
PIPES WITH SSP CLASS III-A

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Revised Sheet 157
October 22, 2020



- LEGEND:**
- REMOVING STORM SEWER MANHOLES REOD
 - REMOVING INLETS REOD
 - ADJUSTING STORM SEWER MANHOLE COVERS REOD
 - ADJUSTING SANITARY SEWER MANHOLE COVERS REOD
 - ADJUSTING INLET COVERS REOD
 - RECONSTRUCTING STORM SEWER MANHOLES REOD
 - RECONSTRUCTING SANITARY SEWER MANHOLES REOD
 - STORM SEWER TAP REOD
 - SEALING PIPES REOD
 - REMOVING STORM SEWER (XX-INCH)

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 ID 2440-09-70
 Revised Sheet 377
 October 22, 2020

3

STORM SEWER PIPE REINFORCED CONCRETE

CATEGORY	FROM	TO	LOCATION	12-INCH		15-INCH		18-INCH		24-INCH		CLASS IV 12-INCH LF	INLET ELEVATION	DISCHARGE ELEVATION	SLOPE (%)
				LF	WF	LF	WF	LF	WF	LF	WF				
0010	26.3	-	26	WS 20	45	--	--	--	--	--	--	655.95	655.04	1.00%	
	26.5	-	26	WS 20	98	--	--	--	--	--	--	658.00	656.04	2.00%	
	26.6	-	26	WS 20	99	--	--	--	--	--	--	638.75	637.76	1.00%	
	26.4	-	26.3	WS 20	61	--	--	--	--	--	--	656.06	656.05	1.00%	
	27.1	-	27	WS 20	40	--	--	--	--	--	--	653.50	652.31	2.98%	
	27.5	-	27	WS 20	47	--	--	--	--	--	--	656.08	653.72	5.02%	
	27.2	-	27.1	WS 20	22	--	--	--	--	--	--	654.75	653.75	4.55%	
	27.4	-	27.1	WS 20	24	--	--	--	--	--	--	654.80	653.75	4.37%	
	27.3	-	27.2	MONROE	35	--	--	--	--	--	--	655.90	654.85	3.00%	
	28.1	-	28	WS 20	38	--	--	--	--	--	--	651.05	651.26	1.03%	
	29	-	28	WS 20	--	20	--	--	--	--	--	651.90	651.71	0.95%	
	28.2	-	28.1	WS 20	45	--	--	--	--	--	--	652.20	651.75	1.00%	
	28.3	-	28.1	WS 20	26	--	--	--	--	--	--	652.90	652.64	1.00%	
	29.1	-	29	WS 20	40	--	--	--	--	--	--	652.90	652.50	1.00%	
	30	-	29	WILMANT	25	--	--	--	--	--	--	652.25	652.00	1.00%	
	3	-	3.1	WS 20	10	--	10	--	--	--	--	694.19	694.09	1.00%	
	3	-	4	WS 20	--	96	--	--	--	--	--	694.09	693.56	0.55%	
	3.2	-	3.1	WS 20	27	--	--	--	--	--	--	694.33	694.19	0.52%	
	3.3	-	3.2	WS 20	10	--	--	--	--	--	--	694.68	694.58	1.00%	
	3.2	-	3.5	WS 20	7	--	--	--	--	--	--	694.58	694.33	3.57%	
	3.4	-	3.5	WS 20	10	--	--	--	--	--	--	694.93	694.83	1.00%	
	3.6	-	3.5	WS 20	47	--	--	--	--	--	--	695.09	694.83	1.83%	
	3.6	-	3.7	WS 20	10	--	--	--	--	--	--	695.84	695.69	1.50%	
	30.1	-	30	WILMANT	15	--	--	--	--	--	--	652.75	652.75	0.67%	
	31.1	-	31	CLEVELAND	38	--	--	--	--	--	--	648.88	648.50	1.00%	
	31.2	-	31	WS 20	39	--	--	--	--	--	--	650.11	649.72	1.00%	
	31.4	-	31	WS 20	39	--	--	--	--	--	--	648.89	648.50	1.00%	
	31.3	-	31.1	WS 20	26	--	--	--	--	--	--	649.24	648.98	1.00%	
	31.6	-	31.4	WS 20	26	--	--	--	--	--	--	649.25	648.99	1.00%	
	31.5	-	31	WS 20	40	--	--	--	--	--	--	650.11	649.71	1.00%	
	32.1	-	32	ARTHUR	--	42	--	--	--	--	--	646.85	646.50	0.83%	
	32.2	-	32	ARTHUR	39	--	--	--	--	--	--	648.25	647.86	1.00%	
	32.4	-	32	WS 20	--	39	--	--	--	--	--	646.82	646.50	0.82%	
	32.5	-	32	WS 20	39	--	--	--	--	--	--	648.19	647.80	1.00%	
	32.3	-	32.1	ARTHUR	32	--	--	--	--	--	--	647.34	647.10	0.25%	
	32.6	-	32.4	WS 20	26	--	--	--	--	--	--	647.25	647.07	0.69%	
	33.1	-	33	WS 20	37	--	--	--	--	--	--	646.00	645.63	1.00%	
	33.2	-	33	WS 20	43	--	--	--	--	--	--	644.68	644.25	1.00%	
	33.5	-	33	WS 20	38	--	--	--	--	--	--	644.55	644.25	0.79%	
	33.3	-	33.2	WS 20	37	--	--	--	--	--	--	646.00	644.78	3.30%	
	33.4	-	33.2	WS 20	34	--	--	--	--	--	--	645.11	644.78	0.97%	
	33.6	-	33.5	WS 20	21	--	--	--	--	--	--	644.94	644.80	0.67%	
	33.7	-	33.5	WS 20	23	--	--	--	--	--	--	644.96	644.80	0.70%	
	34.1	-	34	WS 20	58	--	--	--	--	--	--	642.18	641.60	1.00%	
	35.1	-	34	WS 20	59	--	--	--	--	--	--	643.39	642.80	1.00%	
	34.2	-	34.1	WS 20	35	--	--	--	--	--	--	643.28	642.18	3.14%	
	34.3	-	35.1	WS 20	36	--	--	--	--	--	--	644.39	643.39	2.81%	
	36.1	-	36	HAWES	--	35	--	--	--	--	--	646.09	645.74	1.00%	
	37.2	-	37	WS 20	51	--	--	--	--	--	--	642.00	641.02	1.92%	
	37.3	-	37	WS 20	30	--	--	--	--	--	--	642.45	642.15	1.00%	
	37.5	-	37	WS 20	79	--	--	--	--	--	--	643.05	641.09	2.48%	
	37.6	-	37	WS 20	67	--	--	--	--	--	--	642.65	642.31	0.51%	
	37.1	-	37.2	WS 20	35	--	--	--	--	--	--	642.40	642.00	1.14%	
	37.4	-	37.3	WS 20	52	--	--	--	--	--	--	643.07	642.70	0.71%	
	37.8	-	37.6	WS 20	10	--	--	--	--	--	--	642.75	642.65	1.00%	

STORM SEWER PIPE REINFORCED CONCRETE

CATEGORY	FROM	TO	LOCATION	12-INCH		15-INCH		18-INCH		24-INCH		CLASS IV 12-INCH LF	INLET ELEVATION	DISCHARGE ELEVATION	SLOPE (%)
				LF	WF	LF	WF	LF	WF	LF	WF				
0010	4	-	1	WS 20	4	--	--	--	--	--	--	698.48	698.44	1.00%	
	1.1	-	1	WS 20	--	27	--	--	--	--	--	698.44	698.44	1.00%	
	1.2	-	1.1	WS 20	27	--	--	--	--	--	--	699.08	698.81	1.00%	
	1.3	-	1.2	WS 20	28	--	--	--	--	--	--	699.46	699.18	1.00%	
	1.6	-	1.3	WS 20	89	--	--	--	--	--	--	700.56	699.71	0.96%	
	1.5	-	1.4	WS 20	35	--	--	--	--	--	--	700.15	700.15	0.70%	
	1.4	-	1.3	WS 20	40	--	--	--	--	--	--	700.06	699.71	0.85%	
	11.7	-	10.1	WS 20	56	--	--	--	--	--	--	692.81	692.24	1.02%	
	10.1	-	12.3	WS 20	--	186	--	--	--	--	--	691.24	689.38	1.00%	
	11.1	-	11.2	WS 20	78	--	--	--	--	--	--	696.00	695.31	0.88%	
	11.2	-	11.3	WS 20	93	--	--	--	--	--	--	695.21	694.28	1.00%	
	11.3	-	10.1	WS 20	--	204	--	--	--	--	--	694.03	691.99	1.00%	
	11.4	-	11.5	WS 20	7	--	--	--	--	--	--	696.19	696.12	1.00%	
	11.5	-	11.3	WS 20	53	--	--	--	--	--	--	694.81	694.38	1.00%	
	11.6	-	11.7	WS 20	40	--	--	--	--	--	--	694.30	693.90	1.00%	
	12.1	-	12.2	WS 20	53	--	--	--	--	--	--	690.63	690.10	1.00%	
	12.3	-	12.2	WS 20	--	28	--	--	--	--	--	689.38	689.10	1.00%	
	13.1	-	13	WS 20	55	--	--	--	--	--	--	689.80	689.25	1.00%	
	14	-	13	OHIO SOUTH	57	--	--	--	--	--	--	690.50	689.35	2.02%	
	14.1	-	14	OHIO SOUTH	40	--	--	--	--	--	--	691.24	691.00	0.60%	
	15.1	-	15	WS 20	78	--	--	--	--	--	--	682.07	680.51	2.00%	
	15.2	-	15	WS 20	55	--	--	--	--	--	--	681.30	680.75	1.00%	
	16.1	-	15	WS 20	44	--	--	--	--	--	--	679.11	678.00	2.52%	
	15.3	-	15.2	WS 20	73	--	--	--	--	--	--	682.03	681.30	1.00%	
	17.1	-	17	WS 20	60	--	--	--	--	--	--	673.93	671.54	3.98%	
	17.2	-	17	WS 20	40	--	--	--	--	--	--	674.40	673.80	1.00%	
	18.1	-	18	WS 20	22	--	--	--	--	--	--	672.00	671.78	1.00%	
	18.2	-	18	ILLINOIS	14	--	--	--	--	--	--	672.30	672.01	2.00%	
	19.1	-	19	WS 20	51	--	--	--	--	--	--	671.79	670.25	3.02%	
	19.2	-	19	WS 20	47	--	--	--	--	--	--	669.99	667.62	5.04%	
	19.8	-	19	WS 20	88	--	--	--	--	--	--	670.80	670.08	1.00%	
	19.3	-	19.2	WS 20	21	--	--	--	--	--	--	670.61	670.24	1.76%	
	19.7	-	19.2	WS 20	49	--	--	--	--	--	--	671.00	670.24	1.55%	
	19.4	-	19.5	WS 20	19	--	--	--	--	--	--	671.61	671.46	0.79%	
	19.5	-	19.6	WS 20	23	--	--	--	--	--	--	671.36	671.20	0.70%	
	19.6	-	19	WS 20	--	52	--	--	--	--	--	669.20	668.91	0.54%	
	19.9	-	19.7	WS 20	10	--	--	--	--	--	--	671.14	671.00	1.40%	
	19.1	-	19.8	WS 20	10	--	--	--	--	--	--	671.00	670.80	2.00%	
	20.1	-	20	WS 20	--	50	--	--							

Addendum No. 01
ID 2440-09-70
Revised Sheet 378
October 22, 2020

STORM SEWER PIPE REINFORCED CONCRETE

CATEGORY	FROM		TO	LOCATION	12-INCH		15-INCH		18-INCH		24-INCH		CLASS IV Per Inch	INLET ELEVATION	DISCHARGE ELEVATION	SLOPE (%)
	LF	LF			LF	LF	LF	LF	LF	LF						
0010	38.1	-	38	WS 20	49	--	--	--	--	--	--	--	642.31	641.82	1.00%	
	38.2	-	38	GROVE	15	--	--	--	--	--	--	--	642.50	642.35	1.00%	
	38.3	-	38.1	WS 20	10	--	--	--	--	--	--	--	643.41	643.31	1.00%	
	39.1	-	39	WS 20	88	--	--	--	--	--	--	--	642.90	642.02	1.00%	
	40.1	-	40	WEST	--	--	--	--	--	--	--	35	642.43	642.26	0.49%	
	40.2	-	40	WEST	--	--	--	--	--	--	--	31	642.01	641.68	1.06%	
	41.1	-	41	WS 20	--	--	70	--	--	--	--	--	639.40	638.75	0.93%	
	41.2	-	41.1	WS 20	35	--	--	--	--	--	--	--	640.00	639.65	1.00%	
	41.3	-	41.4	WS 20	35	--	--	--	--	--	--	--	640.50	640.15	1.00%	
	41.4	-	41.1	WEST	50	--	--	--	--	--	--	--	640.05	639.65	0.80%	
	43.1	-	43	WS 20	--	--	41	--	--	--	--	--	633.37	632.96	1.00%	
	43.2	-	43.1	12TH	43	--	--	--	--	--	--	--	634.05	633.62	1.00%	
	44.1	-	44	WS 20	53	--	--	--	--	--	--	--	639.45	639.19	0.49%	
	44.2	-	44	WS 20	56	--	--	--	--	--	--	--	639.80	639.52	0.50%	
	46.1	-	46	WS 20	21	--	--	--	--	--	--	--	635.70	635.49	1.00%	
	46.2	-	46	WS 20	19	--	--	--	--	--	--	--	636.59	636.50	0.47%	
	46.3	-	46.2	WS 20	10	--	--	--	--	--	--	--	636.74	636.69	0.50%	
	46.4	-	46.3	WS 20	26	--	--	--	--	--	--	--	636.97	636.84	0.50%	
	5.1	-	5	WS 20	--	--	50	--	--	--	--	--	696.19	695.44	1.50%	
	5.2	-	5.1	WS 20	27	--	--	--	--	--	--	--	696.53	696.39	0.52%	
	6.1	-	6	WS 20	39	--	--	--	--	--	--	--	693.92	693.54	0.97%	
	6.2	-	6.1	PERRY	48	--	--	--	--	--	--	--	694.50	694.02	1.00%	
	7.1	-	7	WS 20	32	--	--	--	--	--	--	--	695.65	695.33	1.00%	
	7.2	-	7	WS 20	18	--	--	--	--	--	--	--	695.51	695.33	1.00%	
	7.3	-	7.2	WS 20	26	--	--	--	--	--	--	--	695.64	695.51	0.50%	
	12.2	-	8	WS 20	--	--	--	--	--	80	--	--	689.00	685.81	3.99%	
	8.3	-	8	WS 20	--	--	54	--	--	--	--	--	686.26	685.72	1.00%	
	9	-	8	WS 20	--	--	59	--	--	--	--	--	688.59	688.00	1.00%	
	8.2	-	8.1	OHIO NORTH	78	--	--	--	--	--	--	--	687.55	687.16	0.50%	
	8.1	-	8.4	OHIO NORTH	--	--	59	--	--	--	--	--	686.91	686.65	0.44%	
	8.4	-	8.3	WS 20	--	--	50	--	--	--	--	--	686.65	686.36	0.58%	
	9.1	-	9	WS 20	35	--	--	--	--	--	--	--	691.82	691.00	2.34%	
TOTALS					4,465	1,270	102	294	101							
** REINFORCED CONCRETE																



Proposal Schedule of Items

Proposal ID: 20201110018 Project(s): 2440-09-70

Federal ID(s): WISC 2020539

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	211.000 ID	_____.	_____.
0004	201.0220 Grubbing	211.000 ID	_____.	_____.
0006	204.0100 Removing Concrete Pavement	64,588.000 SY	_____.	_____.
0008	204.0150 Removing Curb & Gutter	1,108.000 LF	_____.	_____.
0010	204.0155 Removing Concrete Sidewalk	11,350.000 SY	_____.	_____.
0012	204.0195 Removing Concrete Bases	143.000 EACH	_____.	_____.
0014	204.0210 Removing Manholes	1.000 EACH	_____.	_____.
0016	204.0220 Removing Inlets	89.000 EACH	_____.	_____.
0018	204.0245 Removing Storm Sewer (size) 01. 6 Inch	234.000 LF	_____.	_____.
0020	204.0245 Removing Storm Sewer (size) 02. 8 Inch	2,147.000 LF	_____.	_____.
0022	204.0245 Removing Storm Sewer (size) 03. 10 Inch	471.000 LF	_____.	_____.
0024	204.0245 Removing Storm Sewer (size) 04. 12 Inch	1,224.000 LF	_____.	_____.
0026	204.0245 Removing Storm Sewer (size) 05. 15 Inch	146.000 LF	_____.	_____.
0028	204.0245 Removing Storm Sewer (size) 06. 18 Inch	65.000 LF	_____.	_____.
0030	204.9060.S Removing (item description) 01. Standard Light Poles	88.000 EACH	_____.	_____.



Proposal Schedule of Items

Proposal ID: 20201110018 Project(s): 2440-09-70

Federal ID(s): WISC 2020539

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	204.9060.S Removing (item description) 02. Decorative Light Poles	11.000 EACH	_____.	_____.
0034	205.0100 Excavation Common	69,668.000 CY	_____.	_____.
0036	205.0501.S Excavation, Hauling, and Disposal of Petroleum Contaminated Soil	5,081.000 TON	_____.	_____.
0038	213.0100 Finishing Roadway (project) 01. 2440- 09-70	1.000 EACH	_____.	_____.
0040	305.0120 Base Aggregate Dense 1 1/4-Inch	26,555.000 TON	_____.	_____.
0042	310.0110 Base Aggregate Open-Graded	42.000 TON	_____.	_____.
0044	311.0110 Breaker Run	59,563.000 TON	_____.	_____.
0046	405.1000 Stamping Colored Concrete	84.000 CY	_____.	_____.
0048	415.0085 Concrete Pavement 8 1/2-Inch	49,883.000 SY	_____.	_____.
0050	415.0210 Concrete Pavement Gaps	23.000 EACH	_____.	_____.
0052	415.1085 Concrete Pavement HES 8 1/2-Inch	4,639.000 SY	_____.	_____.
0054	415.4100 Concrete Pavement Joint Filling	59,419.000 SY	_____.	_____.
0056	415.5110.S Concrete Pavement Joint Layout	1.000 LS	_____.	_____.
0058	416.0160 Concrete Driveway 6-Inch	1,964.000 SY	_____.	_____.
0060	416.0260 Concrete Driveway HES 6-Inch	507.000 SY	_____.	_____.
0062	416.0610 Drilled Tie Bars	110.000 EACH	_____.	_____.



Proposal Schedule of Items

Proposal ID: 20201110018 Project(s): 2440-09-70

Federal ID(s): WISC 2020539

SECTION: 0001

Contract Items

Alt Set ID:

Alt Mbr ID:

Proposal Line Number	Item ID Description	Approximate Quantity and Units	Unit Price	Bid Amount
0064	416.0620 Drilled Dowel Bars	1,379.000 EACH	_____.	_____.
0066	460.6223 HMA Pavement 3 MT 58-28 S	213.000 TON	_____.	_____.
0068	460.6424 HMA Pavement 4 MT 58-28 H	77.000 TON	_____.	_____.
0070	465.0120 Asphaltic Surface Driveways and Field Entrances	218.000 TON	_____.	_____.
0072	465.0125 Asphaltic Surface Temporary	289.000 TON	_____.	_____.
0074	513.2001 Railing Pipe	90.000 LF	_____.	_____.
0076	601.0405 Concrete Curb & Gutter 18-Inch Type A	2,221.000 LF	_____.	_____.
0078	601.0407 Concrete Curb & Gutter 18-Inch Type D	97.000 LF	_____.	_____.
0080	601.0409 Concrete Curb & Gutter 30-Inch Type A	16,511.000 LF	_____.	_____.
0082	601.0411 Concrete Curb & Gutter 30-Inch Type D	221.000 LF	_____.	_____.
0084	601.0452 Concrete Curb & Gutter Integral 30-Inch Type D	3,730.000 LF	_____.	_____.
0086	601.0454 Concrete Curb & Gutter Integral 30-Inch Type J	1,397.000 LF	_____.	_____.
0088	601.0600 Concrete Curb Pedestrian	1,620.000 LF	_____.	_____.
0090	602.0410 Concrete Sidewalk 5-Inch	100,253.000 SF	_____.	_____.
0092	602.0505 Curb Ramp Detectable Warning Field Yellow	1,430.000 SF	_____.	_____.



Proposal Schedule of Items

Proposal ID: 20201110018 Project(s): 2440-09-70

Federal ID(s): WISC 2020539

SECTION: 0001

Contract Items

Alt Set ID:

Alt Mbr ID:

Proposal Line Number	Item ID Description	Approximate Quantity and Units	Unit Price	Bid Amount
0094	602.0605 Curb Ramp Detectable Warning Field Radial Yellow	257.000 SF	_____.	_____.
0096	602.1500 Concrete Steps	298.000 SF	_____.	_____.
0106	608.0412 Storm Sewer Pipe Reinforced Concrete Class IV 12-Inch	101.000 LF	_____.	_____.
0108	611.0420 Reconstructing Manholes	13.000 EACH	_____.	_____.
0110	611.0530 Manhole Covers Type J	4.000 EACH	_____.	_____.
0112	611.0610 Inlet Covers Type BW	2.000 EACH	_____.	_____.
0114	611.0612 Inlet Covers Type C	1.000 EACH	_____.	_____.
0116	611.0624 Inlet Covers Type H	124.000 EACH	_____.	_____.
0118	611.0666 Inlet Covers Type Z	13.000 EACH	_____.	_____.
0120	611.2004 Manholes 4-FT Diameter	4.000 EACH	_____.	_____.
0122	611.2005 Manholes 5-FT Diameter	3.000 EACH	_____.	_____.
0124	611.2006 Manholes 6-FT Diameter	2.000 EACH	_____.	_____.
0126	611.3003 Inlets 3-FT Diameter	10.000 EACH	_____.	_____.
0128	611.3004 Inlets 4-FT Diameter	70.000 EACH	_____.	_____.
0130	611.3230 Inlets 2x3-FT	55.000 EACH	_____.	_____.
0132	611.8110 Adjusting Manhole Covers	19.000 EACH	_____.	_____.



Proposal Schedule of Items

Proposal ID: 20201110018 Project(s): 2440-09-70

Federal ID(s): WISC 2020539

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	612.0106 Pipe Underdrain 6-Inch	600.000 LF	_____.	_____.
0136	619.1000 Mobilization	1.000 EACH	_____.	_____.
0138	620.0300 Concrete Median Sloped Nose	915.000 SF	_____.	_____.
0140	624.0100 Water	192.000 MGAL	_____.	_____.
0142	625.0100 Topsoil	16,750.000 SY	_____.	_____.
0144	627.0200 Mulching	4,500.000 SY	_____.	_____.
0146	628.1104 Erosion Bales	10.000 EACH	_____.	_____.
0148	628.1504 Silt Fence	1,500.000 LF	_____.	_____.
0150	628.1520 Silt Fence Maintenance	1,500.000 LF	_____.	_____.
0152	628.1905 Mobilizations Erosion Control	14.000 EACH	_____.	_____.
0154	628.1910 Mobilizations Emergency Erosion Control	10.000 EACH	_____.	_____.
0156	628.2006 Erosion Mat Urban Class I Type A	7,050.000 SY	_____.	_____.
0158	628.7005 Inlet Protection Type A	169.000 EACH	_____.	_____.
0160	628.7015 Inlet Protection Type C	197.000 EACH	_____.	_____.
0162	628.7020 Inlet Protection Type D	10.000 EACH	_____.	_____.
0164	628.7560 Tracking Pads	1.000 EACH	_____.	_____.
0166	629.0210 Fertilizer Type B	6.700 CWT	_____.	_____.



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Alt Set ID:

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Proposal Line Number	Item ID Description	Approximate Quantity and Units	Unit Price	Bid Amount
0168	630.0130 Seeding Mixture No. 30	109.000 LB	_____.	_____.
0170	630.0140 Seeding Mixture No. 40	63.000 LB	_____.	_____.
0172	630.0200 Seeding Temporary	50.000 LB	_____.	_____.
0174	630.0500 Seed Water	248.000 MGAL	_____.	_____.
0176	631.0300 Sod Water	160.000 MGAL	_____.	_____.
0178	631.1000 Sod Lawn	7,400.000 SY	_____.	_____.
0180	632.0101 Trees (species) (size) (root) 01. American Sentry Linden 2-Inch Cal B&B	5.000 EACH	_____.	_____.
0182	632.0101 Trees (species) (size) (root) 02. Common Hackberry 2-Inch Cal B&B	8.000 EACH	_____.	_____.
0184	632.0101 Trees (species) (size) (root) 03. Kentucky Coffeetree, Espresso 2-Inch Cal B&B	4.000 EACH	_____.	_____.
0186	632.0101 Trees (species) (size) (root) 04. Tree Lilac, Ivory Silk 1 1/2-Inch Cal B&B	5.000 EACH	_____.	_____.
0188	632.0101 Trees (species) (size) (root) 05. Regal Elm 2-Inch Cal B&B	5.000 EACH	_____.	_____.
0190	632.0101 Trees (species) (size) (root) 06. Skyline Honeylocust 2-Inch Cal B&B	9.000 EACH	_____.	_____.
0192	632.0101 Trees (species) (size) (root) 07. Swamp White Oak 2-Inch Cal B&B	4.000 EACH	_____.	_____.
0194	632.9101 Landscape Planting Surveillance and Care Cycles	10.000 EACH	_____.	_____.



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Proposal Line Number	Item ID Description	Approximate Quantity and Units	Unit Price	Bid Amount
0196	634.0618 Posts Wood 4x6-Inch X 18-FT	14.000 EACH	_____.	_____.
0198	634.0816 Posts Tubular Steel 2x2-Inch X 16-FT	178.000 EACH	_____.	_____.
0200	637.2210 Signs Type II Reflective H	1,368.910 SF	_____.	_____.
0202	637.2215 Signs Type II Reflective H Folding	184.840 SF	_____.	_____.
0204	637.2230 Signs Type II Reflective F	203.000 SF	_____.	_____.
0206	638.2102 Moving Signs Type II	10.000 EACH	_____.	_____.
0208	638.2602 Removing Signs Type II	151.000 EACH	_____.	_____.
0210	638.3000 Removing Small Sign Supports	76.000 EACH	_____.	_____.
0212	642.5201 Field Office Type C	1.000 EACH	_____.	_____.
0214	643.0300 Traffic Control Drums	74,252.000 DAY	_____.	_____.
0216	643.0420 Traffic Control Barricades Type III	56,366.000 DAY	_____.	_____.
0218	643.0500 Traffic Control Flexible Tubular Marker Posts	133.000 EACH	_____.	_____.
0220	643.0600 Traffic Control Flexible Tubular Marker Bases	133.000 EACH	_____.	_____.
0222	643.0705 Traffic Control Warning Lights Type A	51,468.000 DAY	_____.	_____.
0224	643.0715 Traffic Control Warning Lights Type C	13,007.000 DAY	_____.	_____.
0226	643.0800 Traffic Control Arrow Boards	710.000 DAY	_____.	_____.



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Proposal Line Number	Item ID Description	Approximate Quantity and Units	Unit Price	Bid Amount
0228	643.0900 Traffic Control Signs	81,572.000 DAY	_____.	_____.
0230	643.0920 Traffic Control Covering Signs Type II	30.000 EACH	_____.	_____.
0232	643.1000 Traffic Control Signs Fixed Message	119.000 SF	_____.	_____.
0234	643.1050 Traffic Control Signs PCMS	54.000 DAY	_____.	_____.
0236	643.5000 Traffic Control	1.000 EACH	_____.	_____.
0238	644.1410 Temporary Pedestrian Surface Asphalt	3,150.000 SF	_____.	_____.
0240	644.1601 Temporary Pedestrian Curb Ramp	288.000 DAY	_____.	_____.
0242	644.1810 Temporary Pedestrian Barricade	757.000 LF	_____.	_____.
0244	645.0111 Geotextile Type DF Schedule A	267.000 SY	_____.	_____.
0246	645.0120 Geotextile Type HR	212.000 SY	_____.	_____.
0248	645.0135 Geotextile Type SR	13,500.000 SY	_____.	_____.
0250	646.1020 Marking Line Epoxy 4-Inch	28,885.000 LF	_____.	_____.
0252	646.3020 Marking Line Epoxy 8-Inch	1,422.000 LF	_____.	_____.
0254	646.5020 Marking Arrow Epoxy	59.000 EACH	_____.	_____.
0256	646.5120 Marking Word Epoxy	60.000 EACH	_____.	_____.
0258	646.5220 Marking Symbol Epoxy	3.000 EACH	_____.	_____.
0260	646.6120 Marking Stop Line Epoxy 18-Inch	632.000 LF	_____.	_____.



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Proposal Line Number	Item ID Description	Approximate Quantity and Units	Unit Price	Bid Amount
0262	646.7120 Marking Diagonal Epoxy 12-Inch	549.000 LF	_____.	_____.
0264	646.7420 Marking Crosswalk Epoxy Transverse Line 6-Inch	3,162.000 LF	_____.	_____.
0266	646.7520 Marking Crosswalk Epoxy Block Style 24-Inch	863.000 LF	_____.	_____.
0268	646.8120 Marking Curb Epoxy	431.000 LF	_____.	_____.
0270	646.8220 Marking Island Nose Epoxy	19.000 EACH	_____.	_____.
0272	646.8320 Marking Parking Stall Epoxy	262.000 LF	_____.	_____.
0274	646.9000 Marking Removal Line 4-Inch	4,442.000 LF	_____.	_____.
0276	646.9100 Marking Removal Line 8-Inch	2,010.000 LF	_____.	_____.
0278	646.9200 Marking Removal Line Wide	249.000 LF	_____.	_____.
0280	646.9300 Marking Removal Special Marking	29.000 EACH	_____.	_____.
0282	649.0105 Temporary Marking Line Paint 4-Inch	15,721.000 LF	_____.	_____.
0284	649.0150 Temporary Marking Line Removable Tape 4-Inch	32,196.000 LF	_____.	_____.
0286	649.0205 Temporary Marking Line Paint 8-Inch	887.000 LF	_____.	_____.
0288	649.0250 Temporary Marking Line Removable Tape 8-Inch	2,819.000 LF	_____.	_____.
0290	649.0505 Temporary Marking Arrow Paint	18.000 EACH	_____.	_____.



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Proposal Line Number	Item ID Description	Approximate Quantity and Units	Unit Price	Bid Amount
0292	649.0550 Temporary Marking Arrow Removable Tape	24.000 EACH	_____.	_____.
0294	649.0850 Temporary Marking Stop Line Removable Tape 18-Inch	295.000 LF	_____.	_____.
0296	650.4000 Construction Staking Storm Sewer	155.000 EACH	_____.	_____.
0298	650.4500 Construction Staking Subgrade	10,588.000 LF	_____.	_____.
0300	650.7000 Construction Staking Concrete Pavement	12,545.000 LF	_____.	_____.
0302	650.8500 Construction Staking Electrical Installations (project) 01. 2440-09-70	LS	LUMP SUM	_____.
0304	650.9000 Construction Staking Curb Ramps	164.000 EACH	_____.	_____.
0306	650.9910 Construction Staking Supplemental Control (project) 01. 2440-09-70	LS	LUMP SUM	_____.
0308	650.9920 Construction Staking Slope Stakes	12,545.000 LF	_____.	_____.
0310	652.0225 Conduit Rigid Nonmetallic Schedule 40 2-Inch	12,869.000 LF	_____.	_____.
0312	652.0235 Conduit Rigid Nonmetallic Schedule 40 3-Inch	11,403.000 LF	_____.	_____.
0314	652.0615 Conduit Special 3-Inch	86.000 LF	_____.	_____.
0316	653.0140 Pull Boxes Steel 24x42-Inch	143.000 EACH	_____.	_____.
0318	653.0164 Pull Boxes Non-Conductive 24x42-Inch	11.000 EACH	_____.	_____.
0320	653.0905 Removing Pull Boxes	67.000 EACH	_____.	_____.



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Proposal Line Number	Item ID Description	Approximate Quantity and Units	Unit Price	Bid Amount
0322	654.0101 Concrete Bases Type 1	17.000 EACH	_____.	_____.
0324	654.0102 Concrete Bases Type 2	23.000 EACH	_____.	_____.
0326	654.0105 Concrete Bases Type 5	65.000 EACH	_____.	_____.
0328	654.0110 Concrete Bases Type 10	6.000 EACH	_____.	_____.
0330	654.0113 Concrete Bases Type 13	3.000 EACH	_____.	_____.
0332	654.0200 Concrete Control Cabinet Bases Type 6	2.000 EACH	_____.	_____.
0334	654.0217 Concrete Control Cabinet Bases Type 9 Special	5.000 EACH	_____.	_____.
0336	655.0230 Cable Traffic Signal 5-14 AWG	3,196.000 LF	_____.	_____.
0338	655.0240 Cable Traffic Signal 7-14 AWG	1,124.000 LF	_____.	_____.
0340	655.0260 Cable Traffic Signal 12-14 AWG	6,910.000 LF	_____.	_____.
0342	655.0263 Cable Traffic Signal 15-10 AWG	517.000 LF	_____.	_____.
0344	655.0320 Cable Type UF 2-10 AWG Grounded	3,051.000 LF	_____.	_____.
0346	655.0515 Electrical Wire Traffic Signals 10 AWG	6,611.000 LF	_____.	_____.
0348	655.0610 Electrical Wire Lighting 12 AWG	12,155.000 LF	_____.	_____.
0350	655.0615 Electrical Wire Lighting 10 AWG	3,589.000 LF	_____.	_____.
0352	655.0620 Electrical Wire Lighting 8 AWG	19,464.000 LF	_____.	_____.



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Proposal Line Number	Item ID Description	Approximate Quantity and Units	Unit Price	Bid Amount
0354	655.0625 Electrical Wire Lighting 6 AWG	8,877.000 LF	_____.	_____.
0356	655.0630 Electrical Wire Lighting 4 AWG	29,614.000 LF	_____.	_____.
0358	655.0635 Electrical Wire Lighting 2 AWG	60.000 LF	_____.	_____.
0360	656.0200 Electrical Service Meter Breaker Pedestal (location) 01. Perry Avenue	LS	LUMP SUM	_____.
0362	656.0200 Electrical Service Meter Breaker Pedestal (location) 02. Ohio Street	LS	LUMP SUM	_____.
0364	656.0200 Electrical Service Meter Breaker Pedestal (location) 03. Lathrop Avenue	LS	LUMP SUM	_____.
0366	656.0200 Electrical Service Meter Breaker Pedestal (location) 04. Hayes Avenue	LS	LUMP SUM	_____.
0368	656.0200 Electrical Service Meter Breaker Pedestal (location) 05. West Boulevard	LS	LUMP SUM	_____.
0370	656.0200 Electrical Service Meter Breaker Pedestal (location) 06. SW Quadrant Ohio Street	LS	LUMP SUM	_____.
0372	656.0200 Electrical Service Meter Breaker Pedestal (location) 07. NW Quadrant Hayes Avenue	LS	LUMP SUM	_____.
0374	657.0100 Pedestal Bases	15.000 EACH	_____.	_____.
0376	657.0255 Transformer Bases Breakaway 11 1/2-Inch Bolt Circle	59.000 EACH	_____.	_____.
0378	657.0310 Poles Type 3	15.000 EACH	_____.	_____.
0380	657.0322 Poles Type 5-Aluminum	44.000 EACH	_____.	_____.



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Proposal Line Number	Item ID Description	Approximate Quantity and Units	Unit Price	Bid Amount
0382	657.0345 Poles Type 9	2.000 EACH	_____.	_____.
0384	657.0347 Poles Type 9-Special	2.000 EACH	_____.	_____.
0386	657.0350 Poles Type 10	5.000 EACH	_____.	_____.
0388	657.0352 Poles Type 10-Special	1.000 EACH	_____.	_____.
0390	657.0355 Poles Type 12	1.000 EACH	_____.	_____.
0392	657.0360 Poles Type 13	2.000 EACH	_____.	_____.
0394	657.0410 Traffic Signal Standards Aluminum 9-FT	2.000 EACH	_____.	_____.
0396	657.0420 Traffic Signal Standards Aluminum 13-FT	11.000 EACH	_____.	_____.
0398	657.0425 Traffic Signal Standards Aluminum 15-FT	6.000 EACH	_____.	_____.
0400	657.0525 Monotube Arms 25-FT	2.000 EACH	_____.	_____.
0402	657.0530 Monotube Arms 30-FT	5.000 EACH	_____.	_____.
0404	657.0536 Monotube Arms 35-FT-Special	2.000 EACH	_____.	_____.
0406	657.0541 Monotube Arms 40-FT-Special	1.000 EACH	_____.	_____.
0408	657.0550 Monotube Arms 50-FT	2.000 EACH	_____.	_____.
0410	657.0555 Monotube Arms 55-FT	1.000 EACH	_____.	_____.
0412	657.0585 Trombone Arms 15-FT	1.000 EACH	_____.	_____.
0414	657.0590 Trombone Arms 20-FT	1.000 EACH	_____.	_____.



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Proposal Line Number	Item ID Description	Approximate Quantity and Units	Unit Price	Bid Amount
0416	657.0595 Trombone Arms 25-FT	1.000 EACH	_____.	_____.
0418	657.0609 Luminaire Arms Single Member 4-Inch Clamp 6-FT	6.000 EACH	_____.	_____.
0420	657.0610 Luminaire Arms Single Member 4 1/2- Inch Clamp 6-FT	44.000 EACH	_____.	_____.
0422	657.0806 Luminaire Arms Steel 6-FT	8.000 EACH	_____.	_____.
0424	658.0171 Traffic Signal Face 1S 12-Inch	2.000 EACH	_____.	_____.
0426	658.0173 Traffic Signal Face 3S 12-Inch	70.000 EACH	_____.	_____.
0428	658.0174 Traffic Signal Face 4S 12-Inch	15.000 EACH	_____.	_____.
0430	658.0175 Traffic Signal Face 5S 12-Inch	4.000 EACH	_____.	_____.
0432	658.0416 Pedestrian Signal Face 16-Inch	40.000 EACH	_____.	_____.
0434	658.0500 Pedestrian Push Buttons	42.000 EACH	_____.	_____.
0436	658.5069 Signal Mounting Hardware (location) 01. Perry Avenue	LS	LUMP SUM	_____.
0438	658.5069 Signal Mounting Hardware (location) 02. Ohio Street	LS	LUMP SUM	_____.
0440	658.5069 Signal Mounting Hardware (location) 03. Lathrop Avenue	LS	LUMP SUM	_____.
0442	658.5069 Signal Mounting Hardware (location) 04. Hayes Avenue	LS	LUMP SUM	_____.
0444	658.5069 Signal Mounting Hardware (location) 05. West Boulevard	LS	LUMP SUM	_____.



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Proposal Line Number	Item ID Description	Approximate Quantity and Units	Unit Price	Bid Amount
0446	659.2130 Lighting Control Cabinets 120/240 30-Inch	2.000 EACH	_____.	_____.
0448	661.0200 Temporary Traffic Signals for Intersections (location) 01. Ohio Street	LS	LUMP SUM	_____.
0450	661.0200 Temporary Traffic Signals for Intersections (location) 02. West Boulevard	LS	LUMP SUM	_____.
0452	670.0100 Field System Integrator	LS	LUMP SUM	_____.
0454	670.0200 ITS Documentation	LS	LUMP SUM	_____.
0456	673.0105 Communication Vault Type 1	1.000 EACH	_____.	_____.
0458	674.0300 Remove Cable	11,029.000 LF	_____.	_____.
0460	674.0400 Reinstall Cable	6,245.000 LF	_____.	_____.
0462	678.0006 Install Fiber Optic Cable Outdoor Plant 6-CT	7,347.000 LF	_____.	_____.
0464	678.0200 Fiber Optic Splice Enclosure	3.000 EACH	_____.	_____.
0466	678.0300 Fiber Optic Splice	304.000 EACH	_____.	_____.
0468	678.0400 Fiber Optic Termination	28.000 EACH	_____.	_____.
0470	678.0500 Communication System Testing	LS	LUMP SUM	_____.
0472	678.0600 Install Ethernet Switches	7.000 EACH	_____.	_____.
0474	690.0150 Sawing Asphalt	2,165.000 LF	_____.	_____.



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Proposal Line Number	Item ID Description	Approximate Quantity and Units	Unit Price	Bid Amount
0476	690.0250 Sawing Concrete	14,414.000 LF		
0478	715.0415 Incentive Strength Concrete Pavement	16,357.000 DOL	1.00000	16,357.00
0480	715.0710 Optimized Aggregate Gradation Incentive	45,716.000 DOL	1.00000	45,716.00
0482	740.0440 Incentive IRI Ride	11,030.000 DOL	1.00000	11,030.00
0484	ASP.1T0A On-the-Job Training Apprentice at \$5.00/HR	2,400.000 HRS	5.00000	12,000.00
0486	ASP.1T0G On-the-Job Training Graduate at \$5.00/HR	11,400.000 HRS	5.00000	57,000.00
0488	SPV.0035 Special 01. Planting Soil Mix	130.000 CY		
0490	SPV.0060 Special 01. Section Corner Monuments Special	3.000 EACH		
0492	SPV.0060 Special 02. Parking Meter Posts	18.000 EACH		
0494	SPV.0060 Special 03. Utility Line Opening (ULO)	12.000 EACH		
0496	SPV.0060 Special 04. Relocating Existing Lighting Unit	5.000 EACH		
0498	SPV.0060 Special 05. Removing Lighting Control Cabinets	3.000 EACH		
0500	SPV.0060 Special 06. Storm Sewer Tap	18.000 EACH		
0502	SPV.0060 Special 07. Adjusting Sanitary Sewer Manhole Covers	62.000 EACH		
0504	SPV.0060 Special 08. Moving Existing Bus Stop Shelter	1.000 EACH		



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0506	SPV.0060 Special 09. Traffic Signal Controller and Cabinet	5.000 EACH	_____.	_____.
0508	SPV.0060 Special 10. Luminaires Utility LED 100 Watts	44.000 EACH	_____.	_____.
0510	SPV.0060 Special 11. Decorative Lighting Arm and Fixture Unit	8.000 EACH	_____.	_____.
0512	SPV.0060 Special 12. Arm-Mounted Decorative Lighting Unit	16.000 EACH	_____.	_____.
0514	SPV.0060 Special 13. Install Existing Circuit Into New Pull Box	8.000 EACH	_____.	_____.
0516	SPV.0060 Special 14. Concrete Bases Type 10 Special	3.000 EACH	_____.	_____.
0518	SPV.0060 Special 15. Salvaging and Resetting Planter Pole Assembly	10.000 EACH	_____.	_____.
0520	SPV.0060 Special 16. Luminaires Utility LED 139 Watts	11.000 EACH	_____.	_____.
0522	SPV.0060 Special 17. Luminaires Utility LED 66 Watts	3.000 EACH	_____.	_____.
0524	SPV.0060 Special 18. Sealing Manhole Openings	12.000 EACH	_____.	_____.
0526	SPV.0060 Special 19. Perennial Plant, Purple Coneflower 1 Gal CG	266.000 EACH	_____.	_____.
0528	SPV.0060 Special 20. Perennial Plant, Prairie Dropseed 1 Gal CG	513.000 EACH	_____.	_____.
0530	SPV.0060 Special 21. Panel Type A	4.000 EACH	_____.	_____.
0532	SPV.0060 Special 22. Panel Type B	3.000 EACH	_____.	_____.



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0534	SPV.0060 Special 23. Panel Type C	3.000 EACH	_____.	_____.
0536	SPV.0060 Special 24. Tree Grate	4.000 EACH	_____.	_____.
0538	SPV.0090 Special 01. Marking Contrast Epoxy 4-Inch	1,335.000 LF	_____.	_____.
0540	SPV.0090 Special 02. Marking Contrast Epoxy 8-Inch	2,680.000 LF	_____.	_____.
0542	SPV.0105 Special 01. Remove Traffic Signals Walgreens Driveway	LS	LUMP SUM	_____.
0544	SPV.0105 Special 02. Remove Traffic Signals Ohio Street	LS	LUMP SUM	_____.
0546	SPV.0105 Special 03. Remove Traffic Signals Lathrop Avenue	LS	LUMP SUM	_____.
0548	SPV.0105 Special 04. Remove Traffic Signals Hayes Avenue	LS	LUMP SUM	_____.
0550	SPV.0105 Special 05. Remove Traffic Signals West Boulevard	LS	LUMP SUM	_____.
0552	SPV.0105 Special 06. Video Detection System Perry Avenue	LS	LUMP SUM	_____.
0554	SPV.0105 Special 07. Video Detection System Ohio Street	LS	LUMP SUM	_____.
0556	SPV.0105 Special 08. Video Detection System Lathrop Avenue	LS	LUMP SUM	_____.
0558	SPV.0105 Special 09. Video Detection System Hayes Avenue	LS	LUMP SUM	_____.



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Proposal Line Number	Item ID Description	Approximate Quantity and Units	Unit Price	Bid Amount
0560	SPV.0105 Special 10. Video Detection System West Boulevard	LS	LUMP SUM	_____.
0562	SPV.0105 Special 11. Microwave Detection System Perry Avenue	LS	LUMP SUM	_____.
0564	SPV.0105 Special 12. Microwave Detection System Ohio Street	LS	LUMP SUM	_____.
0566	SPV.0105 Special 13. Microwave Detection System Lathrop Avenue	LS	LUMP SUM	_____.
0568	SPV.0105 Special 14. Microwave Detection System Hayes Avenue	LS	LUMP SUM	_____.
0570	SPV.0105 Special 15. Microwave Detection System West Boulevard	LS	LUMP SUM	_____.
0572	SPV.0105 Special 16. Emergency Vehicle Preemption System Perry Avenue	LS	LUMP SUM	_____.
0574	SPV.0105 Special 17. Emergency Vehicle Preemption System Ohio street	LS	LUMP SUM	_____.
0576	SPV.0105 Special 18. Emergency Vehicle Preemption System Lathrop Avenue	LS	LUMP SUM	_____.
0578	SPV.0105 Special 19. Emergency Vehicle Preemption System Hayes Avenue	LS	LUMP SUM	_____.
0580	SPV.0105 Special 20. Emergency Vehicle Preemption System West Boulevard	LS	LUMP SUM	_____.
0582	SPV.0105 Special 21. Relocating Stone Monument - The World's War	LS	LUMP SUM	_____.
0584	SPV.0105 Special 22. Relocating Stone Monument - Peder Back Plaza	LS	LUMP SUM	_____.



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0586	SPV.0105 Special 23. Removing and Reinstalling Water Fountain	LS	LUMP SUM	_____.
0588	SPV.0105 Special 24. Relocating Overhead Speed Sign and Support	LS	LUMP SUM	_____.
0590	SPV.0165 Special 01. Concrete Sidewalk Thickened Edge	1,032.000 SF	_____.	_____.
0592	SPV.0165 Special 02. Remove and Replace Brick Pavers	37.000 SF	_____.	_____.
0594	SPV.0195 Special 01. Management of Solid Waste	461.000 TON	_____.	_____.
0596	608.3012 Storm Sewer Pipe Class III-A 12-Inch	4,465.000 LF	_____.	_____.
0598	608.3015 Storm Sewer Pipe Class III-A 15-Inch	1,270.000 LF	_____.	_____.
0600	608.3018 Storm Sewer Pipe Class III-A 18-Inch	102.000 LF	_____.	_____.
0602	608.3024 Storm Sewer Pipe Class III-A 24-Inch	294.000 LF	_____.	_____.
Section: 0001			Total:	_____.
				Total Bid: _____.