

# HIGHWAY WORK PROPOSAL

Wisconsin Department of Transportation  
 DT1502 01/2020 s.66.0901(7) Wis. Stats

Proposal Number: **003**

<u>COUNTY</u>	<u>STATE PROJECT</u>	<u>FEDERAL</u>	<u>PROJECT DESCRIPTION</u>	<u>HIGHWAY</u>
La Crosse	1641-02-70	N/A	C La Crosse, South Avenue; Green Bay St To 0.16 Miles Easterly	USH 014
La Crosse	1641-02-80	N/A	C La Crosse, South Avenue; Green Bay St To 0.16 Miles Easterly	USH 014
La Crosse	3700-10-79	N/A	C Lacrosse, South Avenue; Green Bay St And South Ave	USH 014

## ADDENDUM REQUIRED ATTACHED AT BACK

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

Proposal Guaranty Required: \$75,000.00 Payable to: Wisconsin Department of Transportation	Attach Proposal Guaranty on back of this PAGE.
Bid Submittal Date: March 14, 2023 Time (Local Time): 11:00 am	Firm Name, Address, City, State, Zip Code  <h3 style="margin: 0;">SAMPLE</h3> <h3 style="margin: 0;">NOT FOR BIDDING PURPOSES</h3> <p style="margin: 0;">This contract is exempt from federal oversight.</p>
Contract Completion Time November 03, 2023	
Assigned Disadvantaged Business Enterprise Goal <span style="color: red;">0%</span> <del>2%</del>	

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

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

Subscribed and sworn to before me this date \_\_\_\_\_

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

\_\_\_\_\_  
 (Bidder Signature)

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

\_\_\_\_\_  
 (Print or Type Bidder Name)

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

\_\_\_\_\_  
 (Bidder Title)

Notary Seal

<b>Type of Work:</b> Excavation, Concrete Pavement, HMA Pavement, Concrete Curb and Gutter, Sidewalk, Storm Sewer, Signs, Pavement Marking, Traffic Signals, Street Lights.	<b>For Department Use Only</b>
Notice of Award Dated	Date Guaranty Returned

**PLEASE ATTACH  
PROPOSAL GUARANTY HERE**

## 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.

## 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://wisconsin.gov/Pages/doing-bus/contractors/hcci/bid-let.aspx>

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

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

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

- (5) The department will address equipment and process failures, if the bidder can demonstrate that those failures were beyond their control.
- (6) Contractors are responsible for checking on the issuance of addenda and for obtaining the addenda. Notice of issuance of addenda is posted on the department's web site at:

<https://wisconsin.gov/Pages/doing-bus/contractors/hcci/bid-let.aspx>

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

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

## B. Submitting Electronic Bids

### B.1 On the Internet

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

**B 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)



## **CERTIFICATION REGARDING DEBARMENT, SUSPENSION, AND OTHER RESPONSIBILITY MATTERS - PRIMARY COVERED TRANSACTIONS**

### Instructions for Certification

1. By signing and submitting this proposal, the prospective contractor is providing the certification set out below.
2. The inability of a person to provide the certification required below will not necessarily result in denial of participation in this covered transaction. The prospective contractor shall submit an explanation of why it cannot provide the certification set out below. The certification or explanation will be considered in connection with the department or agency's determination whether to enter into this transaction. However, failure of the prospective contractor to furnish a certification or an explanation shall disqualify such person from participation in this transaction.
3. The certification in this clause is a material representation of fact upon which reliance was placed when the department determined to enter into this transaction. If it is later determined that the contractor knowingly rendered an erroneous certification in addition to other remedies available to the Federal Government the department may terminate this transaction for cause or default.
4. The prospective contractor shall provide immediate written notice to the department to whom this proposal is submitted if at any time the prospective contractor learns that its certification was erroneous when submitted or has become erroneous by reason of changed circumstances.
5. The terms "covered transaction," "debarred," "suspended," "ineligible," "lower tier covered transaction," "participant," "person," "primary covered transaction," "principal," "proposal," and "voluntarily excluded," as used in this clause, have the meanings set out in the Definitions and Coverage sections of the rules implementing Executive Order 12549. You may contact the department to which this proposal is being submitted for assistance in obtaining a copy of those regulations.
6. The prospective contractor agrees by submitting this proposal that, should this contract be entered into, it shall not knowingly enter into any lower tier covered transaction with a person who is debarred, suspended, declared ineligible, or voluntarily excluded from participation in this covered transaction, unless authorized by the department entering into this transaction.
7. The prospective contractor further agrees by submitting this proposal that it will include the clause titled "Certification Regarding Debarment, Suspension, Ineligibility and Voluntary Exclusion-Lower Tier Covered Transaction," which is included as an addendum to PR- 1273 - "Required Contract Provisions Federal Aid Construction Contracts," without modification, in all lower tier covered transactions and in all solicitations for lower tier covered transactions.
8. The contractor may rely upon a certification of a prospective subcontractor/materials supplier that it is not debarred, suspended, ineligible, or voluntarily excluded from the covered transaction, unless it knows that the certification is erroneous. A contractor may decide the method and frequency by which it determines the eligibility of its principals. Each contractor may, but is not required to, check the Disapproval List (telephone # 608/266/1631).

9. Nothing contained in the foregoing shall be construed to require establishment of a system of records in order to render in good faith the certification required by this clause. The knowledge and information of a contractor is not required to exceed that which is normally possessed by a prudent person in the ordinary course of business dealings.
10. Except for transactions authorized under paragraph 6 of these instructions, if a contractor in a covered transaction knowingly enters into a lower tier covered transaction with a person who is suspended, debarred, ineligible or voluntarily excluded from participation in this transaction, in addition to other remedies available to the Federal Government, the department may terminate this transaction for cause or default.

Certification Regarding Debarment, Suspension, and Other Responsibility Matters - Primary Covered Transactions

1. The prospective contractor certifies to the best of its knowledge and belief, that it and its principals:
  - (a) Are not presently debarred, suspended, proposed for debarment, declared ineligible, or voluntarily excluded from covered transactions by any Federal department or agency;
  - (b) Have not within a three-year period preceding this proposal been convicted of or had a civil judgment rendered against them for commission of fraud or a criminal offense in connection with obtaining, attempting to obtain, or performing a public (Federal, State or local) transaction or contract under a public transaction; violation of Federal or State antitrust statutes or commission of embezzlement, theft, forgery, bribery, falsification or destruction of records, making false statements or receiving stolen property;
  - (c) Are not presently indicted for or otherwise criminally or civilly charged by a governmental entity (Federal, State or local) with commission of any of the offense enumerated in paragraph (1)(b) of this certification; and
  - (d) Have not within a three-year period preceding this proposal had one or more public transactions (Federal, State or local) terminated for cause or default.
2. Where the prospective contractor is unable to certify to any of the statements in this certification, such prospective contractor shall attach an explanation to this proposal.

## Special Provisions

### Table of Contents

Article	Description	Page #
1.	General.....	3
2.	Scope of Work.....	3
3.	Prosecution and Progress.....	3
4.	Traffic.....	5
5.	Holiday and Special Event Work Restrictions.....	7
6.	Utilities.....	7
7.	Other Contracts.....	8
8.	Railroad Insurance and Coordination - BNSF Railway Company.....	9
9.	Municipality Acceptance of Water Main Construction.....	12
10.	General Requirements for Water Main.....	12
11.	Referenced Construction Specifications.....	12
12.	Information to Bidders, WPDES General Construction Storm Water Discharge Permit.....	13
13.	Notice to Contractor – Traffic Signal Equipment Lead Time.....	13
14.	Erosion Control.....	13
15.	Coordination with Businesses and Residents.....	13
16.	Insulation Board Polystyrene 2-Inch, Item 612.0902.S.....	13
17.	Install Conduit Into Existing Item, Item 652.0700.S.....	14
18.	Lighting, General.....	15
19.	Electrical Service Meter Breaker Pedestal, Item 656.0201.....	15
20.	Traffic Signals, General.....	15
21.	Pedestal Bases, Item 657.0100; Traffic Signal Standards Aluminum 15-FT, Item 657.0425; Traffic Signal Standards Aluminum 10-FT, Item 657.0430.....	16
22.	Black Traffic Signal Faces.....	16
23.	Lamp, Ballast, LED, Switch Disposal by Contractor, Item 659.5000.S.....	16
24.	Temporary Traffic Signals.....	17
25.	Inlet Covers Type B, Item SPV.0060.01.....	18
26.	Inlet Covers Type Z SP, Item SPV.0060.02.....	18
27.	Black Paint Posts Wood 4x6-Inch x 14-FT, Item SPV.0060.03; Black Paint Posts Wood 4x6-Inch x 16-FT, Item SPV.0060.04; Black Paint Posts Wood 4x6-Inch x 18-FT, Item SPV.0060.05; Black Paint Transformer Bases Breakaway 11 1/2-Inch Bolt Circle, Item SPV.0060.06; Black Paint Poles Type 5-Aluminum, Item SPV.0060.07; Black Paint Luminaire Arms Truss Member 4 1/2-Inch Clamp 12-FT, Item SPV.0060.08; Black Paint Luminaire Utility LED Category A, Item SPV.0060.09.....	19
28.	Marking Arrow Grooved Epoxy, Item SPV.0060.10; Marking Word Grooved Epoxy, Item SPV.0060.11; Marking Railroad Crossing Grooved Epoxy, Item SPV.0060.12; Cold Weather Marking Arrow Epoxy, Item SPV.0060.60; Cold Weather Marking Word Epoxy, Item SPV.0060.61.....	20
29.	Removing Lighting Units, Item SPV.0060.13.....	20
30.	Temporary Connection to Storm Sewer, Item SPV.0060.14.....	21
31.	Corporation Stop 1-Inch, Item SPV.0060.20; Curb Stop 1-Inch, Item SPV0060.21.....	22
32.	Hydrant, Item SPV.0060.22.....	22

33.	Hydrant Control Valve 6-Inch, Item SPV.0060.23 .....	23
34.	Salvage & Re-install Hydrant, Item SPV.0060.24 .....	24
35.	Connect to Existing 8-Inch Water Main, Item SPV.0060.25 .....	24
36.	Reducers 12-Inch to 8-Inch, Item SPV.0060.26; Tees 12-Inch x 8-Inch, Item SPV.0060.27; Tees 12-Inch x 6-Inch, Item SPV.0060.28; 22.5 Degree Bends 8-Inch, Item SPV.0060.29; 45 Degree Bends 8-Inch, Item SPV.0060.30 .....	25
37.	R.S. Wedge Valve 12-Inch, Item SPV.0060.31; R.S. Wedge Valve 8-Inch, Item SPV.0060.32 .....	26
38.	Nitrile Gasket 12-Inch, Item SPV.0060.33; Nitrile Gasket 6-Inch, Item SPV.0060.34 .....	27
39.	Nitrile Gaskets – Hydrant Lead 6-Inch, Item SPV.0060.35 .....	27
40.	24-Inch Water Main Casing, Item SPV.0060.36 .....	28
41.	Construction Staking Water Main System, Item SPV.0060.37 .....	29
42.	Posts Steel U-Channel 14-FT, Item SPV.0060.40 .....	30
43.	Install V-Loc Post Anchors, Item SPV.0060.41 .....	30
44.	Remove, Salvage and Reinstall Sign, Item SPV.0060.42 .....	31
45.	Transport and Install Poles Type 10 Black, Item SPV.0060.43; Transport and Install Poles Type 10 Special Black, Item SPV.0060.44; Transport and Install Monotube Arms 30-FT Black, Item SPV.0060.45; Transport and Install Monotube Arms 35-FT Special Black, Item SPV.0060.46; Transport and Install Monotube Arms 40-FT Special Black, Item SPV.0060.47; Transport and Install Luminaire Arms Steel 15-FT Black, Item SPV.0060.48 .....	31
46.	Remove and Salvage Traffic Signals, Item SPV.0060.49 .....	33
47.	Transport and Install Traffic Signal Cabinet and Battery Backup Unit Black, Item SPV.0060.50 .....	33
48.	Transport and Install Video Detection System, Item SPV.0060.51 .....	34
49.	Remove, Salvage and Reinstall EVP Equipment, Item SPV.0060.52 .....	35
50.	Relocate System Lighting Wiring, Item SPV.0060.53 .....	35
51.	Disconnect, Salvage & Reinstall Traffic Signal Interconnect, Item SPV.0060.54 .....	36
52.	Marking Stop Line Grooved Epoxy 18-Inch, Item SPV.0090.01; Marking Crosswalk Grooved Epoxy Transverse Line 12-Inch, Item SPV.0090.02; Cold Weather Marking Epoxy 12-Inch, Item SPV.0090.20; Cold Weather Marking Epoxy 18-Inch, Item SPV.0090.21 .....	36
53.	Reinforced Concrete Curb and Gutter, Item SPV.0090.03 .....	37
54.	Copper Water Service 1-Inch, Item SPV.0090.10 .....	38
55.	Ductile Iron Hydrant Lead 6-Inch, Item SPV.0090.11 .....	38
56.	Abandon Water Main, Item SPV.0090.12 .....	39
57.	Ductile Iron Water Main 12-Inch, Item SPV.0090.13; Ductile Iron Water Main 8-Inch, Item SPV.0090.14 .....	40

## STSP'S Revised June 28, 2022

### SPECIAL PROVISIONS

#### 1. General.

Perform the work under this construction contract for Projects:

1641-02-70, C La Crosse, South Avenue, Green Bay St to 0.16 Miles Easterly, USH 14  
1641-02-80, C La Crosse, South Avenue, Green Bay St to 0.16 Miles Easterly, USH 14  
3700-10-79, C La Crosse, South Avenue, Green Bay St and South Ave, USH 14

all located in La Crosse 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, 2023 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 (20220628)

#### 2. Scope of Work.

The work under this contract shall consist of s grading, base aggregate, concrete pavement, HMA pavement, storm sewer, lighting, concrete sidewalk, concrete curb and gutter, erosion control, permanent signing, pavement marking, water main, traffic signals and all incidental items necessary to complete the work as shown on the plans and included in the proposal and contract.

104-005 (20090901)

#### 3. Prosecution and Progress.

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

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

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

The contract time for completion, including interim completions dates, is based on an expedited work schedule and may require extraordinary forces and equipment.

Do not store equipment or materials on adjacent streets beyond the project limits without the specific approval of the engineer.

Do not store equipment, vehicles, or materials within the temporary limited easements or private parking lots of any business parking or driving areas without the written approval of the engineer.

Notify residents and businesses 48 hours in advance if their direct access will be closed.

Conform the schedule of operations to the construction staging as shown in the traffic control plans and as described herein unless modifications to the schedule are approved in writing by the engineer.

#### City of La Crosse Utilities

The existing City of La Crosse sanitary sewer and watermain systems serve users along US 14 corridor and portions of the city to the north and south of the project. The sanitary sewer and watermain system shall remain in service or the area served shall be provided temporary service until the new watermain and sanitary sewer main is installed, tested, and accepted.

Notification of water service interruption is required. Water service interruptions to individual users shall be limited to the time required to make temporary and final water service connections and shall be coordinated with the users. Water service interruptions not to exceed 8-hours. Notify the City of La Crosse Water Department and all affected water users 48 hours in advance of service interruptions. Contact Mark Graff, Water Distribution Supervisor, (608) 789-7384, for service outage coordination. Existing valves will be operated by City of La Crosse staff only, unless prior arrangements have been made with city staff.

## **A Schedule of Operations**

Complete work as detailed in the staging descriptions below. Modifications pertaining to what work is completed in each stage require prior written approval by the engineer.

### **Stage 1**

Complete the following work along USH 14 during **Stage 1** as detailed in the plans:

- Remove existing medians, median traffic signals, and median signs.
- Place temporary asphaltic surface.

### **Stage 2**

Complete the following work along USH 14 and the side roads on the west side of USH 14 during **Stage 2** as detailed in the plans:

- Construct the westbound lanes, curb and gutter, and sidewalk.
- Construct storm sewer and water main.
- Construct continuous lighting system.

### **Stage 3**

Complete the following work along USH 14 and the side roads on the east side of USH 14 during **Stage 3** as detailed in the plans:

- Construct the eastbound lanes, curb and gutter, and sidewalk.
- Construct storm sewer and water main.
- Construct continuous lighting system.

### **Stage 4**

Complete the following work along USH 14 during **Stage 4** as detailed in the plans:

- Construct the two way left turn lanes.
- Replace curb and gutter and pavement at median cross over.

## **B Staging**

Complete work as detailed above in section 'A Schedule of Operations'. Modifications pertaining to what work is completed in each stage require prior written approval by the engineer.

Do not switch traffic over to the next construction stage unless all signing, pavement marking and traffic control for the stage are in place, and conflicting pavement markings and signs are removed as shown in the traffic control plans and as directed by the engineer.

## **C Work Restrictions**

Do not close traffic lanes on USH 14 outside of Permitted Lane Closure Times specified in the 'Traffic' article of these special provisions.

Backfill excavation drop offs within 3-feet of the outside lanes prior to opening the outside lanes to traffic for daytime hours.



## **Interim Completion and Liquidated Damages – Stage 2 Completion: July 24, 2023**

Complete all construction operations in Stage 2 and reopen the roadway by July 24, 2023. If the contractor fails to complete the Stage 2 work by July 24, 2023, the department will assess the contractor \$1,570 in interim liquidated damages for each calendar day the Stage 2 contract work remains incomplete beyond 12:01 AM on July 25, 2023. An entire calendar day will be charged for any period of time within a calendar day that the road remains closed beyond 12:01 AM.

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

### **Storing Material Restrictions**

Do not stockpile or store materials or equipment on the Gund Brewery Bottling Works property, Parcel 27 (2130 South Avenue).

## **4. Traffic.**

### **A General**

Perform this work according to standard spec 643, the Manual of Uniform Traffic Control Devices (MUTCD) and as hereinafter provided.

Coordinate all staging and traffic control with staging and traffic control from adjacent WisDOT Project 1641-02-72 prior to setting up traffic control. Adjust traffic control devices as needed. See WisDOT Project 1641-02-72 for portable changeable message signs and advanced width restriction signing.

Maintain access to all businesses and private properties at all times. Do not completely close access to a property without prior written approval from the engineer. Additional intermediate construction staging or staging gaps, not shown on the plans, may be necessary to maintain continuous access to all properties.

Residential property drive approaches may be closed for the minimum time required to construct new access approaches, unless otherwise directed by the engineer. Do not close any residential drive approach or remove it from service without giving a 24-hour notice to the occupants of the premises to remove their vehicles prior to removal or closing of the drive access.

If the contractor coordinates the closure of any vehicular and/or pedestrian access to a business or private property with the owner(s), provide written documentation of coordination with the owner(s) to the engineer.

Maintain pedestrian access within areas of existing sidewalk and crosswalks, as shown on the pedestrian access plan, and according to the Americans with Disabilities Act (ADA) Accessibility Guidelines (ADAAG) along USH 14 by means of existing or new sidewalk or temporary pedestrian surface as shown in the plan details.

Provide temporary crosswalk access as shown in the pedestrian access plan and under bid items Temporary Pedestrian Curb Ramp, Temporary Pedestrian Surface Asphalt and Temporary Pedestrian Barricade, according to the ADAAG, which are free from mud, sand, and other construction debris.

The pedestrian access plan details allow for continuous access to property pedestrian entrance locations (front doors). The contractor may develop an alternate pedestrian plan that includes soliciting input from property owners the city and the engineer to determine other access arrangements; or a short duration closure that is acceptable to the property owners, the city, and the engineer. The alternate pedestrian access plan shall have the signatures of all property owners that are affected by the alternate plan and the approval of the city prior to submitting to the department for approval. The contractor shall submit, in writing, the alternate pedestrian access plan, along with the property owner signatures agreeing to the alternate plan, to the department for approval not less than 14 days prior to implementing the alternate pedestrian plan.

No operations shall take place until all vehicular and pedestrian traffic control devices for such work are in the proper location.

Submit any traffic control change request to the engineer at least 72 hours prior to an actual traffic control change. A request does not constitute approval.

Keep appropriate emergency officials informed of routes within the construction area to provide emergency services. Allow emergency vehicles access at all times to these areas during construction. Allow through access to emergency vehicles on USH 14 at all times.

## **B Traffic Operations**

### **Staging**

Perform construction operations on USH 14 in stages as shown in the traffic control plans. Coordinate all staging and traffic control with staging and traffic control from adjacent WisDOT Project 1641-02-72 prior to setting up traffic control. Adjust traffic control devices as needed. See WisDOT Project 1641-02-72 for portable changeable message signs and advanced width restriction signing. The construction stages are:

#### **Stage 1**

Do not begin Stage 1 work of WisDOT Project 1641-02-70 until Stage 1 work of WisDOT Project 1641-02-72 is completed.

Coordinate Stage 1 work and traffic control of WisDOT Project 1641-02-70 with Stage 2A and Stage 2B work and traffic control of WisDOT Project 1641-02-72 as overlap between the two projects is anticipated.

Maintain one lane of USH 14 traffic in each direction on the existing outside lanes at all times. All side streets are to remain open at all times unless specified in the plans.

Maintain access to properties at all times.

Maintain all existing pedestrian access on both sides of USH 14 and all side roads at all times.

#### **Stage 2**

Do not begin Stage 2 work of WisDOT Project 1641-02-70 until Stage 2B work of WisDOT Project 1641-02-72 is completed.

Coordinate Stage 2 work and traffic control of WisDOT Project 1641-02-70 with Stage 3 work and traffic control of WisDOT Project 1641-02-72 as overlap between the two projects is anticipated.

Shift traffic to the eastbound existing lanes. Maintain one lane of USH 14 traffic in each direction at all times. All side streets on the eastbound side of USH 14 are to remain open at all times unless specified in the plans.

Maintain access to properties at all times.

Maintain all existing pedestrian access on the south side of USH 14 and at least one side of all side roads at all times.

#### **Stage 3**

Do not begin Stage 3 work of WisDOT Project 1641-02-70 until Stage 3 work of WisDOT Project 1641-02-72 is completed.

Coordinate Stage 3 work and traffic control of WisDOT Project 1641-02-70 with Stage 4 work and traffic control of WisDOT Project 1641-02-72 as overlap between the two projects is anticipated.

Shift traffic to the westbound new lanes. Maintain one lane of USH 14 traffic in each direction at all times. All side streets on the westbound side of USH 14 are to remain open at all times unless specified in the plans. Side streets on eastbound side of USH 14 to remain closed temporarily until Stage 3 side street construction is completed.

Maintain access to properties at all times.

Maintain all new pedestrian access on the north side of USH 14 and at least one side of all side roads at all times.

#### **Stage 4**

Do not begin Stage 4 work of WisDOT Project 1641-02-70 until Stage 4 work of WisDOT Project 1641-02-72 is completed.

Coordinate Stage 4 work and traffic control of WisDOT Project 1641-02-70 with Stage 5 work and traffic control of WisDOT Project 1641-02-72 as overlap between the two projects is anticipated.

Maintain one lane of USH 14 traffic in each direction on the new outside lanes at all times. All side streets are to remain open at all times unless specified in the plans.

Maintain access to properties at all times.

Maintain all new pedestrian access on both sides of USH 14 and both sides of all side roads at all times.

### C Wisconsin Lane Closure System Advance Notification

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

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

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

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

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

Do not perform work on, nor haul materials of any kind along or across any portion of the highway carrying USH 14 traffic, and entirely clear the traveled way and shoulders of such portions of the highway of equipment, barricades, signs, lights, and any other material that might impede the free flow of traffic during the following holiday and special event periods:

- From noon Friday, April 7, 2023 to 6:00 AM Monday, April 10, 2023 for Good Friday and Easter;
- From noon Friday, May 26, 2023 to 6:00 AM Tuesday, May 30, 2023 for Memorial Day;
- From noon Friday, June 30, 2023 to 6:00 AM Wednesday, July 5, 2023 for Independence Day;
- From noon Friday, September 1, 2023 to 6:00 AM Tuesday, September 5, 2023 for Labor Day.

stp-107-005 (20210113)

### 6. Utilities.

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

stp-107-065 (20080501)

All utilities within the construction limits of Project 1641-02-70, 1641-02-80, and 3700-10-79 were coordinated under the project 1641-02-72.

There are underground and overhead utility facilities located within the project limits. The contractor shall coordinate their 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. The contractor shall use caution to ensure the integrity of the underground facilities and shall maintain code clearances from overhead facilities at all times. Field contact information for utilities is included in the General Notes page of the project plan.

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

**Brightspeed (communications)** has aerial and underground facilities within the project limits.

- Station 45+50 to Station 55+75 – The existing buried fiber on the south side of South Avenue is a non-working fiber that used to feed Gunderson Hospital. The underground fiber will be discontinued in place.

The field contact is Tom Murray, (608) 780-0895, [Tom.L.Murray@Brightspeed.com](mailto:Tom.L.Murray@Brightspeed.com)

**Spectrum (communications)** has aerial and underground facilities within the project limits.

- New underground fiber cable will be directionally bored at a depth of 40-Inches to 48-Inches from 9<sup>th</sup> Street across Green Bay Street and along the north side of South Avenue from Station 44+50 to Station 53+75 before stopping at the back side of the building located at 2219 South Avenue. Two new vaults will be added along this run.

Spectrum relocations will be completed prior to the start of the construction operation under this contract and is anticipated to take 60 working days to complete.

The field contact is Perry McClellan, (608) 317-6213, [perry.mcclellan@charter.com](mailto:perry.mcclellan@charter.com)

**City of La Crosse (sanitary)** has underground facilities throughout the project. WisDOT Project 1641-02-82 shows all sanitary facilities to be replaced or adjusted during the WisDOT roadway construction project.

The field contact is Caleb Wodarz, (608) 769-6945, [wodarzc@cityoflacrosse.org](mailto:wodarzc@cityoflacrosse.org)

**La Crosse Water Utility (water)** has underground facilities throughout the project. WisDOT Project 1641-02-80 shows all water facilities to be replaced or adjusted during the WisDOT roadway construction project.

The field contact is Caleb Wodarz, (608) 769-6945, [wodarzc@cityoflacrosse.org](mailto:wodarzc@cityoflacrosse.org)

**WIN, LLC (communications)** has no underground facilities within the project limits. No conflicts or relocations are anticipated.

The field contact is John Louis, (715) 864-2918, [john.louis@wintechnology.com](mailto:john.louis@wintechnology.com)

**Xcel Energy (electric transmission)** has one aerial diagonal crossing at Station 46+00. No conflicts or relocations are anticipated.

The field contact is Mitchell Dienger, (608) 386-2233, [mitchell.a.dienger@xcelenergy.com](mailto:mitchell.a.dienger@xcelenergy.com)

**Xcel Energy (electric)** has no aerial facilities within the project limits. No conflicts or relocations are anticipated.

The field contact is Jason McRoberts, (715) 577-1132, [jason.l.mcroberts@xcelenergy.com](mailto:jason.l.mcroberts@xcelenergy.com)

**Xcel Energy (gas/petroleum)** has underground facilities within the project limits.

- Station 44+83 EB to Station 57+00 EB – The 4-inch gas main will be relocated under the proposed sidewalk at an approximate depth of 32-inches below the finished grade. At Station 56+10 EB the crossing will start at a depth of 5' to clear the proposed storm sewer in the EB lanes. Once the gas main clears the proposed storm sewer the gas main will raise to a normal depth of 32-inches below the finished grade. This work will be completed prior to the start of construction and is anticipated to take 15 working days to complete.
- Station 48+57 WB to Station 57+00 WB – The existing 2-inch gas main is located under the existing sidewalk and is not anticipated to be in conflict. Xcel Energy will coordinate minor adjustments during construction with the contractor ahead of the contractor work.
- Station 44+83 EB to Station 62+00 EB – The existing gas main will be discontinued in place.

The field contact is Tom LaLond, (608) 789-3681, [thomas.j.lalond@xcelenergy.com](mailto:thomas.j.lalond@xcelenergy.com)

## 7. Other Contracts.

Modifications to the traffic control plan may be required by the engineer as a result of adjacent work along USH 14 (South Avenue) being completed by others.

WisDOT Projects 1641-02-72 and 1641-02-82 began in the fall of 2022 and after a winter shutdown will continue in the spring of 2023. The projects were let under a single contract and have similar project limits. The projects will reconstruct USH 14 (South Avenue) from 0.16 miles easterly of Green Bay Street to Ward Avenue. Coordination will be required for placement of advanced warning signs, PCMS, traffic control, lane closures, and work along USH 14. The contract completion date for these projects is November 3, 2023.

## **8. Railroad Insurance and Coordination - BNSF Railway Company.**

### **A Description**

Comply with standard spec 107.17 for all work affecting BNSF Railway Company property and any existing tracks.

#### **A.1 Railroad Insurance Requirements**

In addition to standard spec 107.26, provide railroad protective liability insurance coverage as specified in standard spec 107.17.3. Insurance is filed in the name of BNSF Railway Company.

Notify evidence of the required coverage, and duration to Jake Rzewnicki, Manager of Public Projects; 4515 Kansas Avenue, Kansas City, Kansas 66106; Telephone (913) 551-4275; Telephone (913) 551-4275; E-mail [Jacob.Rzewnicki@bnsf.com](mailto:Jacob.Rzewnicki@bnsf.com) to determine the applicable railroad rules and regulations. Once determined send the RPLI policy to [bnsf@certfocus.com](mailto:bnsf@certfocus.com). Approval of the policy will not take place until the Manager of Public Projects has been contacted.

Also send a copy to the following: Scott Willinger, SW LaCrosse Region Railroad Coordinator; 3550 Mormon Coulee Road, La Crosse, WI 54601; Telephone (608) 792-1360; E-mail: [gene.willinger@dot.wi.gov](mailto:gene.willinger@dot.wi.gov).

Include the following information on the insurance document:

- Project ID: 1641-02-70, 1641-02-80
- Project Location: La Crosse, Wisconsin
- Route Name: USH 14, La Crosse County
- Crossing ID: 917 430W
- Railroad Subdivision: Aurora Subdivision
- Railroad Milepost: MP 297.01
- Work Performed on or within 50' of RR ROW: grading, base aggregate, concrete pavement, HMA pavement, storm sewer, lighting, water facilities, traffic signals, concrete sidewalk, concrete curb and gutter, erosion control, permanent signing, pavement marking, traffic control, and all incidental items necessary to complete the work as shown on the plans and included in the proposal contract.

#### **A.2 Train Operation**

Approximately 6 through freight trains operate weekly at up to 10 mph. There may be switching movements at lower speeds at this crossing.

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

##### **Construction Contact**

Jake Rzewnicki, Manager of Public Projects; 4515 Kansas Avenue, Kansas City, Kansas 66106; Telephone (913) 551-4275; Telephone (913) 551-4275; E-mail [Jacob.Rzewnicki@bnsf.com](mailto:Jacob.Rzewnicki@bnsf.com) for consultation on railroad requirements during construction.

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

##### **Flagging Contact**

Notify the Construction Contact above a minimum of 40 working days in advance to arrange for a railroad flagger. Reference the Crossing ID, Wisconsin Milepost and Subdivision found in A.1.

##### **Cable Locate Contact**

In addition to contacting Diggers Hotline, contact the BNSF Communications Network Control Center at (800) 533-2891, five working days before the locate is needed. Reference Wisconsin Milepost 297.01 on Line Segment 3.

BNSF will only locate railroad owned facilities located in the railroad right-of-way. The railroad does not locate any other utilities.

#### **A.4 Work by Railroad**

The railroad will perform the work described in this section, except for work described in other special provisions and will be accomplished without cost to the contractor. Railroad is to replace crossing surface.

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

#### **A.5 Temporary Grade Crossing**

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

#### **A.6 Temporary Clearances During Construction**

*Replace standard spec 107.17.1(3) items 4.1 and 4.2 with the following:*

- 4.1 Provide 15 feet 0 inches plus 1.5 inches per degree of track curvature, measured horizontally from the track center line.
- 4.2 Provide 21 feet 6 inch measured vertically above the top of the highest rail.

#### **A.7 Contractor Right of Entry**

The contractor will be required to obtain a Right of Entry from BNSF Railway Company prior to working on railroad right of way. Contact the person in A.1 Railroad Insurance Requirements at least 30 days prior to start of work. The Right of Entry will be issued at no cost to the contractor. If the contractor pays for the Right of Entry, it will not be reimbursed by the project. The Project ID will serve as the ROE permit number unless otherwise stated.

### **B Railroad Flagging**

Arrange with the railroad for the flagging of trains and safety of railroad operations if clearances specified in subsection 107.17.1 are not maintained during construction operations. At any other time in railroad representative's judgment, the contractor's work or operations constitute an intrusion into the track zone and create an extraordinary hazard to railroad traffic, and at any other time when flagging protection is necessary for safety to comply with the operating rules of the railroad.

Projects with concurrent activity may require more than one flagger.

Projects with heavy contractor activity within 25 feet of the centerline of any track or unusual or heavy impact on railroad facilities will normally require a full-time flagger.

The department and railroad will monitor operations for compliance with the above flagging requirements. Violations may result in removal from railroad property until arrangements to adhere to the flagging requirements are satisfied. If the railroad imposes additional flagging requirements beyond the above flagging requirements due to the previous violations, the contractor shall bear all costs of the additional flagging requirements.

### **C Flagging by Railroad– Railroad Does Not Pay Flagging Costs**

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

*Replace paragraph (1,3 and 4) of standard spec 107.17.1 with the following:*

- (1) Coordinate with the railroad for all work performed within 25 feet of the track centerline including equipment or extensions of equipment that can fall within 25 feet of the track centerline or adjacent facilities or when working on railroad right-of-way. Include the following on all submittals and other written communications with the railroad:
  - WisDOT crossing number
  - Railroad milepost
  - Railroad subdivision
- (3) Perform all work within 25 feet of the track centerline including equipment or extensions of equipment that can fall within 25 feet of the track centerline or adjacent facilities or when working on railroad right-of-way in a way that does not interfere with the safe and uninterrupted operation of railroad traffic. Maintain clearances during construction as follows:

1. Do not operate equipment closer than 25 feet horizontally from a track centerline or 22 feet vertically above the top of a rail, except under the protection of railroad flaggers.
  2. Do not store materials or equipment closer than 25 feet horizontally from a track centerline.
  3. Provide an obstruction-free work zone adjacent to a track extending 12 feet or more horizontally on both sides of the track centerline. Keep this work zone free of construction debris.
  4. Unless the railroad's chief engineering officer approves otherwise in writing, maintain minimum clearances from falsework, forms, shoring, and other temporary fixed objects as follows:
    - 4.1 Provide 12 feet, plus 1.5 inches per degree of track curvature, measured horizontally from the track centerline.
    - 4.2 Provide 21 feet, plus compensation for super-elevated track, measured vertically above the top of the highest rail.
- (4) Comply with the railroad's rules and regulations when work is within 25 feet of the track centerline including equipment or extensions of equipment that can fall within 25 feet of the track centerline or adjacent facilities or when working on railroad right-of-way. 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 make payment directly to the railroad. Notify the appropriate railroad representative as listed in section A.3 above, in writing, at least 40 business days before starting work near a track. Provide the specific time planned to start the operations.

## **C.2 Rates - BNSF**

The following rates, reimbursement provisions, and excluded conditions will be used to determine the contractor's cost of flagging:

- \$1,300 daily rate for an eight-hour day (including wages, labor surcharges, meals, lodging, vehicle and mileage expenses),
- \$1,800 "Rest Time" or nightly rate for weekday overnight work for an eight-hour day (including wages, labor surcharges, meals, lodging, vehicle and mileage expenses),
- \$1,800 daily rate for an eight-hour day on Saturdays, Sundays or holidays (including wages, labor surcharges, meals, lodging, vehicle and mileage expenses),
- \$2,000 "Rest Time" or nightly rate for weekend overnight work for an eight-hour day (including wages, labor surcharges, meals, lodging, vehicle and mileage expenses),
- \$200 per hour overtime rate for all time worked before or after the regular assigned eight hours on any day, or for a minimum three hour call on Saturdays, Sundays, or Holidays.

The flagger is required to set flags each day in advance of the contractor commencing work that will require flagging. The flagger must also remove the flags each day after the completion of work that required flagging. Any time worked before or after the minimum eight-hour flagging day to set or remove flags will be billed at the overtime rate. The contractor is responsible for knowing the requirements of the railroad for arranging and terminating flagging services and for the associated costs of those services.

## **C.3 Reimbursement Provisions**

The actual cost for flagging will be billed by the railroad. After the completion of the work requiring flagging protection as provided in section B above, the department will reimburse 50% of the cost of such services up to the rates provided above based on paid railroad invoices, except for the excluded conditions enumerated below. In the event actual flagging rates exceed the rates stated above, the department will reimburse 100% of the portion of the rate that is greater than the rates stated above.

## **C.4 Excluded Conditions**

The department will not reimburse any of the cost for additional flagging attributable to the following:

1. Additional flagging requirements imposed by the railroad beyond the flagging requirements provided in subsection B above due to violations by the contractor.
2. Temporary construction crossings arranged for by the contractor.

The contractor shall bear all costs of the additional flagging requirements for the excluded conditions.

### C.5 Payment for Flagging

The department will pay for the department's portion of flagging reimbursement as specified in section C of this provision under the following item:

ITEM NUMBER	DESCRIPTION	UNIT
801.0117	Railroad Flagging Reimbursement	DOL

The reimbursement payment, as shown on the Schedule of Items, is solely for department accounting purposes. Actual flagging costs will vary based on the contractor's means and methods.

Railroads may issue progressive invoices. Notify the railroad when the work is completed and request a final invoice from the railroad. Promptly pay railroad-flagging invoices, less any charges that may be in dispute. The department will withhold flagging reimbursement until any disputed charges are resolved and the final invoice is paid. No reimbursement for flagging will be made by the department if a violation of subsection B is documented.

### D Rail Security Awareness and Contractor Orientation

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

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

stp-107-034 (20230113)

## 9. Municipality Acceptance of Water Main Construction.

Both the department and City of La Crosse personnel will inspect construction of water main under this contract. However, testing, and acceptance of the water main construction will be by the City of La Crosse.

stp-105-001 (20140630)

## 10. General Requirements for Water Main.

The water main work under this contract shall be performed according to the requirements of these special provisions and the City of La Crosse Standard Specifications and Procedures for "Water Construction". A copy of these city specifications is available on the city's website and can be downloaded using the following link:

<http://www.cityoflacrosse.org>

Excavation and backfilling required for water main work shall be performed according to current WisDOT standards.

## 11. Referenced Construction Specifications.

Construct the water main work conforming to the City of La Crosse Standard Specifications and Procedures for "Water Construction". If there is a discrepancy or conflict between the referenced specification and the standard specifications regarding contract administration, part 1 of the standard specifications governs.



**12. 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 Reiny Yahnke at (608) 785-9050. Post the permit in a conspicuous place at the construction site.

stp-107-056 (20180628)

**13. Notice to Contractor – Traffic Signal Equipment Lead Time.**

Order traffic signal equipment as soon as possible to assure the equipment is procured in a timely fashion and, therefore, installed, inspected, and ready for turn-on at the required date.

**14. Erosion Control.**

*Supplement standard spec 107.20 (3) to include the following:*

The ECIP shall discuss how the surface water drainage will be accommodated during construction operations as required by standard spec 205.3.3. Accumulation of surface water within the project grading limits shall be limited to a 24 hour period. The ECIP shall include specific detailed information on what temporary drainage installations will be utilized and an implementation plan to meet this 24-hour requirement. All temporary drainage installations shall be in conformance with all state and federal rules and regulations. If the contractor fails to implement the temporary drainage installations, as described in the ECIP, and surface water drainage is allowed to accumulate within the grading limits for longer than a 24 hour period, the contractor will be responsible for the cost of all work and materials required to correct the resulting saturated subgrade. This shall include but is not limited to any EBS that becomes necessary, as well as any grade stabilization measures such as geogrid and Select Crushed Material utilized to backfill the EBS area. Constructing and removing temporary drainage installations, as specified under standard spec 205.3.3, is incidental to the work under standard spec 205.

**15. Coordination with Businesses and Residents.**

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

stp-108-060 (20141107)

**16. Insulation Board Polystyrene 2-Inch, Item 612.0902.S.**

**A Description**

This work consists of furnishing and installing extruded polystyrene insulation board for frost protection. Insulation board shall be installed for frost protection on sanitary service laterals, water service laterals, or other items as directed by the engineer.

**B Materials**

All insulation board materials shall conform to the ASTM Specifications latest designation specifications.

**C Construction**

Polystyrene insulation board shall be installed according to City of La Crosse Standard Specifications and Procedures.

Insulation board shall be installed as directed by the engineer. Insulation board shall be placed on base of compacted sand that has been leveled and smoothed to give full support to the insulation board. The depth of installation shall be determined by the engineer. Insulation board shall extend a minimum of 2 feet past the outside of the pipe to be insulated. Backfill over the insulation board shall be a minimum of 6" of fine grain material before general backfill is placed.

**D Measurement**

The department will measure Insulation Board Polystyrene (size) in area by the square yard, acceptably completed.

**E Payment**

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

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

Payment is full compensation for furnishing and installing all materials, including the sand base, and fine grain backfill.

**17. Install Conduit Into Existing Item, Item 652.0700.S.**

**A Description**

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

**B Materials**

Use rigid non-metallic schedule 40 conduit of correct size, as provided and paid for under other items in this contract. Furnish backfill material, topsoil, fertilizer, seed, and mulch conforming to the standard spec.

**C Construction**

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

**D Measurement**

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

**E Payment**

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

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

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

stp-652 (20100709)

**18. Lighting, General.**

Maintain existing street lighting north of the signalized intersection of USH 14/61 (South Ave) & Green Bay St/Sims PI throughout the duration of the project. If existing lighting cannot be maintained provide temporary lighting until new system is operational. Temporary lighting can be existing or temporary poles and fixtures and is considered incidental to other lighting items in the plan.

**19. Electrical Service Meter Breaker Pedestal, Item 656.0201.**

*Add the following to standard spec 656.2.3:*

The contractor will be responsible for the electric service installation request for any city-maintained facility. Xcel Energy service installation and energy cost will be billed to and paid for by the maintaining authority.

*Add the following to standard spec 656.3.4:*

(4) Install the cabinet base and meter breaker pedestal first, so Xcel Energy can install the service lateral. 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 electric utility company.

(5) The meter breaker pedestal shall be mounted to the signal cabinet and not free standing.

*Add the following to standard spec 656.5(3):*

Payment for grading the service trench, replacing topsoil, fertilizer, seed, and mulch will be incidental to this work unless the bid items are in the contract and then they will be paid for at the contract price.

**20. Traffic Signals, General.**

Note that failure to comply with the departments standards and specifications may result in the cost of the corrections to be made at the contractor's expense. Also, any additional disruption of city-owned facilities shall be repaired or relocated as needed at the contractor's expense.

Work under this item shall consist of furnishing and installing or transporting and installing all materials for the City of La Crosse owned signal installation at USH 14/61 (South Ave) & Green Bay St/Sims PI intersection as shown on the plans. The installation includes the construction of underground and above ground equipment. Contractor shall install traffic signal equipment conforming to City of La Crosse Standard Procedures. These install items shall be measured and paid for under separate items in the contract.

Notify the City of La Crosse Engineering Department at (608) 789-7505 at least three weeks prior to the beginning of the traffic signal work.

Furnish the engineer with material lists and specifications of all traffic control equipment for approval prior to installation.

Existing City of La Crosse aboveground traffic signal equipment from the USH 14/61 (South Ave) & Green Bay St/Sims PI intersection shall be salvaged and set aside in an easily accessible area for the City of La Crosse to pick up. Contact the City of La Crosse Street Department (608) 789-7340 to pick up the salvaged equipment.

Components when assembled shall appear as one uniformly colored unit. Touch up paint shall be furnished and applied by the contractor to all scratches and construction blemishes as to match the original black factory color and finish.

**21. Pedestal Bases, Item 657.0100;  
Traffic Signal Standards Aluminum 15-FT, Item 657.0425;  
Traffic Signal Standards Aluminum 10-FT, Item 657.0430.**

*Append standard spec 657.2.1.1(7) with the following:*

Traffic Signal Standards and Pedestal Bases and shall be anodized and painted black. The black finish shall be applied to match the color/finish of the pole.

Components when assembled shall appear as one uniformly colored unit. Touch up paint shall be furnished and applied by the contractor to all scratches and construction blemishes as to match the original black factory color and finish.

**22. Black Traffic Signal Faces.**

This provision requires the components of the Lighting and Traffic Signal Units to be painted black.

*Modify standard spec 658.2.2.2 (1) to say:*

Furnish Polycarbonate resin housings, doors, visors and backplates. Use black colored housings and dull black door faces, visors and backplates. Ensure that the door is sized for 12-inch nominal diameter lenses and held shut with eyebolts secured with wing nuts. Use cut away or tunnel type visors as the plans show. Use flat backplates the project 5 inches beyond all sides of the signal housing.

*Modify standard spec 658.2.3.2 (1) to say:*

Furnish Polycarbonate resin housings, doors, and visors. Use black colored housings and dull black door faces and visors. For 16-inch heads, mount a z-crate visor and gasket to the door with stainless steel tabs. Drill the housing for top and bottom pipe mounting.

**23. Lamp, Ballast, LED, Switch Disposal by Contractor, Item 659.5000.S.**

**A Description**

This special provision describes the packaging of lamps, ballasts, LEDs, and mercury containing switches (e.g., overhead roadway lighting, underdeck bridge, wall packs, pedestrian signals, traffic control stop lights and warning flashers, fluorescent bulbs, and thermostats) removed under this contract for disposal as hazardous materials.

For Lamp, Ballast, LED, Switch Disposal by Contractor, coordinate removal by the department's hazardous waste disposal vendor.

**B Materials**

**B.1 Disposal by Contractor**

Items removed under this contract will be considered the property of the department for waste generator identification. The contractor is responsible for coordinating with the department's hazardous waste vendor for disposal:

<https://wisconsin.gov/Documents/doing-bus/eng-consultants/cnslt-rsrcs/environment/hazwaste-contacts.pdf>

**C Construction**

Provide a secure, level location removed from the travelled way for storage of the material for disposal.

Pack intact fixtures in the packaging of the new lamps used to replace them, or packaging affording the equivalent protection. Place in full, closed stackable cartons.

Pile cartons no more than four high if palletized and secure cartons with shrink wrap to prevent shifting or falling of the loads. Clearly mark each pallet with the words "Universal Waste Lamps" or "Universal Waste Ballasts", the date, and the number of fixtures on each pallet.

Pack broken fixtures into (min.) 6 mil thick plastic bags and place inside sturdy cardboard boxes or the equivalent. Mark the outer packaging with the term "Broken Fixtures/Lamps", the date and the number of broken fixtures clearly marked on the box.

The hazardous waste vendor will not accept fixtures improperly packaged. The vendor will reject any fixtures not removed as part of a contract pay item or otherwise required under this contract.

Pack ballasts and mercury containing switches in appropriate containers.

### **C.1 Disposal by Contractor**

Complete the lamp and ballast inventory (<https://wisconsin.gov/Documents/doing-bus/eng-consultants/cnslt-rsrcs/environment/dotlampballastinventory.dotx>) and contact the hazardous waste vendor to coordinate pickup and disposal at a location specified by the contractor. Consolidate all pallets and boxes from one project at a single location. Contact the hazardous waste vendor to set up an appointment for pickup. The hazardous waste vendor requires a minimum of one-week advance notice to schedule pickup.

### **D Measurement**

The department will measure Lamp, Ballast, LED, Switch Disposal by Contractor as each individual unit received by the hazardous waste vendor, properly packaged and acceptably completed, matching the total number of units provided on the inventory form. The department will not measure broken fixtures that exceed a total of ten percent of all fixtures to be disposed.

### **E Payment**

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

ITEM NUMBER	DESCRIPTION	UNIT
659.5000.S	Lamp, Ballast, LED, Switch Disposal by Contractor	EACH

Payment for Lamp, Ballast, LED, Switch Disposal by Contractor is full compensation for handling, packaging, labeling and scheduling disposal with the hazardous waste vendor.

The department will pay separately for the work under which the lamps, ballasts LED or Switches are removed from service.

stp-659-500 (20220628)

## **24. Temporary Traffic Signals.**

### **A Description**

This work shall be according to the requirements of standard specification 661, except as hereinafter amended.

*Replace standard spec 661.2.1 (1) as follows:*

- (1) Furnish control cabinet and control equipment. The department will supply, maintain and install a TS2 controller, video detection system and Cellular modem. The cabinet must be equipped with at least three open non-GFI receptacles, SDLC connector and open shelf space to be used by the video detection processor. The video detection will be installed and maintained by the department and placed on the contractor installed poles and span wires. Provide a cabinet with a Corbin #2 door lock and an access door that allows placing the controller in emergency flash. Provide keys to the access door to the engineer and law enforcement agencies as required. Supply a cabinet complete with programmed MMU, load switches, relays and etc. capable of executing the sequence of operations supplied in this contract for this temporary traffic signal. Test traffic signal control cabinets before installation. The department will be responsible for all signal timing changes.

*Replace standard spec 661.2.1 (2) as follows:*

- (2) Furnish a NEMA monitor for the controller. Test the monitor with an automated programmed testing system. Test annually if used for more than one year. This test verifies that the monitor complies with the intersection requirements. Attach a copy of the monitor test report to the monitor and provide a copy to the department.

*Delete standard spec 661.2.1 (5).*

**25. Inlet Covers Type B, Item SPV.0060.01.**

**A Description**

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

**B Materials**

Provide an Inlet Cover Type B frame and grate, Neenah R-3234-B1 casting or approved equal.

**C Construction**

Construct according to standard spec 611.3.

**D Measurement**

The department will measure Inlet Covers Type B as each individual unit, acceptably completed.

**E Payment**

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

ITEM NUMBER	DESCRIPTION	UNIT
SPV.0060.01	Inlet Covers Type B	EACH

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

**26. Inlet Covers Type Z SP, Item SPV.0060.02.**

**A Description**

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

**B Materials**

Provide an Inlet Cover Type Z frame and grate with the curb box removed and replaced with a solid flat curb plate designed for heavy traffic loading as shown in the plan details. Neenah R3360-A casting or approved equal.

**C Construction**

Construct according to standard spec 611.3.

**D Measurement**

The department will measure Inlet Covers Type Z SP as each individual unit, acceptably completed.

**E Payment**

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

ITEM NUMBER	DESCRIPTION	UNIT
SPV.0060.02	Inlet Covers Type Z SP	EACH

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

27. **Black Paint Posts Wood 4x6-Inch x 14-FT, Item SPV.0060.03;**  
**Black Paint Posts Wood 4x6-Inch x 16-FT, Item SPV.0060.04;**  
**Black Paint Posts Wood 4x6-Inch x 18-FT, Item SPV.0060.05;**  
**Black Paint Transformer Bases Breakaway 11 1/2-Inch Bolt Circle, Item SPV.0060.06;**  
**Black Paint Poles Type 5-Aluminum, Item SPV.0060.07;**  
**Black Paint Luminaire Arms Truss Member 4 1/2-Inch Clamp 12-FT, Item SPV.0060.08;**  
**Black Paint Luminaire Utility LED Category A, Item SPV.0060.09.**

**A Description**

This provision requires the components of the Traffic Signal, Lighting Units, and Permanent Signing including but not limited to poles, monotube arms, transformer bases, pedestal bases, traffic signal standards, traffic signal face housings, pedestrian signal face housings, pedestrian push buttons, luminaires, mast arms and signal mounting hardware, wood posts, to be painted black. The work under this item shall conform to standard spec 657, 658, and 659 and as hereinafter provided.

**B Materials**

Wood posts shall have a black painted finish.

Poles, Standards Arms: Poles, standards and Arms shall be factory black powder coat finished so as to produce a uniform appearance. Nut covers and pole caps shall be finished to match pole.

Transformer and Pedestal Bases: Shall be provided with a black powder coat finish. The black finish shall be applied to match the color/finish of the pole.

Luminaires: The luminaire housing shall have a black painted finish to match the color/finish of the pole/arm.

**C Construction**

Components when assembled shall appear as one uniformly colored unit. Touch up paint shall be included and applied by the contractor to all scratches and construction blemishes as to match the original black factory color and finish.

**D Measurement**

The department will measure Black Paint (item) will be measured as a unit each, complete and accepted in place.

**E Payment**

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

ITEM NUMBER	DESCRIPTION	UNIT
SPV.0060.03	Black Paint Posts Wood 4x6-Inch x 14-FT	EACH
SPV.0060.04	Black Paint Posts Wood 4x6-Inch x 16-FT	EACH
SPV.0060.05	Black Paint Posts Wood 4x6-Inch x 18-FT	EACH
SPV.0060.06	Black Paint Transformer Bases Breakaway 11 1/2-Inch Bolt Circle	EACH
SPV.0060.07	Black Paint Poles Type 5-Aluminum	EACH
SPV.0060.08	Black Paint Luminaire Arms Truss Member 4 1/2-Inch Clamp 12-FT	EACH
SPV.0060.09	Black Paint Luminaire Utility LED Category A	EACH

Payment is full compensation for furnishing and applying all paint materials.

**28. Marking Arrow Grooved Epoxy, Item SPV.0060.10;  
Marking Word Grooved Epoxy, Item SPV.0060.11;  
Marking Railroad Crossing Grooved Epoxy, Item SPV.0060.12;  
Cold Weather Marking Arrow Epoxy, Item SPV.0060.60;  
Cold Weather Marking Word Epoxy, Item SPV.0060.61.**

**A Description**

This special provision describes providing pavement markings according to standard spec 646 and the plans.

**B Materials**

Provide materials according to standard spec 646.

**C Construction**

Perform work according to standard spec 646 and as shown in the plans. Perform cold weather application as specified in standard spec 646.3.1.3. Perform grooving as specified in standard spec 646.3.2.3.

**D Measurement**

The department will measure Marking Arrow Grooved Epoxy, Marking Word Grooved Epoxy, Marking Railroad Crossing Grooved Epoxy, Cold Weather Marking Word Epoxy, and Cold Weather Marking Word Epoxy 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	Marking Arrow Grooved Epoxy	EACH
SPV.0060.11	Marking Word Grooved Epoxy	EACH
SPV.0060.12	Marking Railroad Crossing Grooved Epoxy	EACH
SPV.0060.60	Cold Weather Marking Arrow Epoxy	EACH
SPV.0060.61	Cold Weather Marking Word Epoxy	EACH

Payment shall be according to standard spec 646.5 and as modified here.

*Delete standard spec 646.5.2. Add the following to standard spec 646.5.1:*

- (6) When placing markings below the minimum temperatures as noted in standard spec 646.3.1.3, payment is full compensation for providing the initial marking including maintenance and removal.

**29. Removing Lighting Units, Item SPV.0060.13.**

**A Description**

This special provision describes removing and salvaging existing lighting units (by assembly) according to the pertinent provisions of standard spec 204 and as hereinafter provided. Items included under this bid item include transformer bases and lighting poles. Work under this item also includes transporting or disposing of the existing equipment, including removal of existing electrical service as well as required utility coordination, as directed in this special provision. Removal of pull boxes and concrete bases shall be paid for separately.

**B Materials**

All LED luminaire fixtures shall be disposed of properly. The removal of these items will be paid under a separate bid item.

**C Construction**

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



Notify the City of La Crosse Traffic Engineer at (608) 789-7505 at least five working days prior to the removal of the lighting units. Complete the removal work as soon as possible following shut down of this equipment.

Remove all poles per plan from their concrete footings and disassemble out of traffic. Remove the transformer bases from each pole. Remove the luminaires and wiring/cabling from each are or pole. Dispose of the underground lighting cable, internal wires and street lighting cable off the right-of-way.

The city assumes that all equipment is in good condition and in working order prior to the contractor's removal operation. Prior to removal, inspect and provide a list of any damaged or non-working lighting 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 city.

Contact the City of La Crosse Street Department at (608) 789-7340, to pick up the salvaged equipment. Dispose of all other equipment, including lighting poles and wiring.

**D Measurement**

The department will measure Removing Lighting Units 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.0060.13	Removing Lighting Units	EACH

Payment is full compensation removing all lighting units, salvaging requested material for the city, and disposal of all other lighting equipment. Payment is according to standard spec 204.5.

The department will pay separately for disposal of any luminaires or lamps by a vendor.

**30. Temporary Connection to Storm Sewer, Item SPV.0060.14.**

**A Description**

This special provision describes temporarily connecting existing or temporary storm sewer laterals to new or existing storm sewer structures or pipes in order to maintain storm water flow during construction.

**B Materials**

Furnish materials conforming to the pertinent provisions of standard spec 611 or as approved by the engineer.

**C Construction**

Connect the existing or temporary pipes to the new or existing structures or pipes with an appropriate coupling, concrete collar or by means approved by the engineer. Any additional materials required to connect the storm sewer laterals are considered incidental to this bid item.

**D Measurement**

The department will measure Temporary Connection to Storm Sewer by each connection, 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.0060.14	Temporary Connection to Storm Sewer	EACH

Payment is full compensation for installation, removal, repair of the new structure or pipe after removal of the temporary connection and furnishing and installing all materials, couplings, and concrete collars.

**31. Corporation Stop 1-Inch, Item SPV.0060.20;  
Curb Stop 1-Inch, Item SPV0060.21.**

**A Description**

This work consists of furnishing and installing a corporation stop and curb stop of the size indicated, excavating, setting new curb box with rod and sidewalk access casting, connection of new service pipe, and connecting the existing service pipes including transition fittings according to the requirements of the plans, the Standard Specifications and the City of La Crosse Standard Specifications and Procedures for "Water Construction". Install a PVC sleeve on curb stops in paved boulevards, sidewalks and driveways.

**B Materials**

All water main materials shall conform to the AWWA Specifications latest designation specifications.

Standard transition fittings for 1-Inch Curb Stops to ¾-Inch service pipe shall be furnished.

Approved manufactures of service brass items are Ford Meter Box, Mueller, A.Y. McDonald or an approved equal.

Curb stops installed in a paved boulevard, sidewalk or driveway approach shall include a PVC sleeve furnished by the contractor.

**C Construction**

Corporation stops shall be furnished, installed, and tested according to City of La Crosse Standard Specifications and Procedures. The exact location shall be set at the time of installation. Each shall be inspected before backfilled.

**D Measurement**

The department will measure Corporation Stop (size) and Curb Stop (size) as each individual stop, acceptably completed.

**E Payment**

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

ITEM NUMBER	DESCRIPTION	UNIT
SPV.0060.20	Corporation Stop 1-Inch	EACH
SPV.0060.21	Curb Stop 1-Inch	EACH

Payment is full compensation for installation, mechanical joints, and adjustment of valve box and sidewalk access casting elevations to match flush with sidewalk, pavement, or finished grades within the work area.

**32. Hydrant, Item SPV.0060.22.**

**A Description**

This work consists of furnishing and installing fire hydrants including excavating, setting new hydrants, stone drain material, joint restraint, connection of hydrant-to-hydrant lead including fittings, mechanical joint restraints, at the hydrant and included in the cost bid for hydrants, backfill and compaction, all according to the requirements of the plans, the Standard Specifications and the City of La Crosse Standard Specifications and Procedures for and "Water Construction".

**B Materials**

All water main materials shall conform to the AWWA Specifications latest designation specifications.

Approved hydrant manufacturer is Waterous Pacer or an approved equal.

Joint restraints shall be Meg-A-Lug wedge action type joint restraints manufactured by EBBA Iron Sales or an approved equal.

**C Construction**

Hydrants shall be furnished, installed, and tested accordance with City of La Crosse Standard Specifications and Procedures. The exact location shall be set at the time of installation. Hydrants shall be inspected before backfilled.

**D Measurement**

The department will measure Hydrant as each individual hydrant, acceptably completed.

**E Payment**

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

ITEM NUMBER	DESCRIPTION	UNIT
SPV.0060.22	Hydrant	EACH

Payment is full compensation for furnishing and installing, and all work including backfilling, mechanical joints, and adjustment of hydrant elevations to meet minimum height above sidewalk, pavement, or finished grades within the work area.

**33. Hydrant Control Valve 6-Inch, Item SPV.0060.23.**

**A Description**

This work consists of furnishing and installing Hydrant Control Valves. Valves to be resilient seat (R.S.) wedge gate valves with road box of the size and class specified, for fire hydrant control include all fittings and joint restraint according to the requirements of the plans, the Standard Specifications and the City of La Crosse Standard Specifications and Procedures for "Water Construction".

**B Materials**

All water main materials shall conform to the AWWA Specifications latest designation specifications.

Valves to be furnished shall be new meeting the requirements of the standard specifications. Valves to be installed complete with road box.

Approved manufactures of valves are American Darling, Kennedy, Mueller, M & H (Dresser), Waterous, Clow, U.S Pipe Meto Seal, or an approved equal.

Joint restraints shall be Meg-A-Lug wedge action type joint restraints manufactured by EBBA Iron Sales or an approved equal.

Valve (road) boxes shall be screw type having a 5 ¼ - Inch shaft diameter. Valve boxes shall be cast iron similar to the following: Cast Iron-Tyler 6860 Series or Standard #6 Base extension 59A Tyler, center section 60A Tyler, top section 26T, cover #145462 5-1/4" Drop Lid marked "WATER". Valve boxes shall be set so that the bottom of the base section is the same elevation as the top of the stuffing box of the valve, shall be centered on the operating nut by use of a gate valve adapter, and shall not touch the body of the valve in any way with a minimum of two inches of clearance. The contractor shall provide proper length valve boxes and is responsible for checking the plans and determining lengths needed prior to ordering boxes.

**C Construction**

Hydrant Control Valve 6-Inch, to be R.S. Wedge Valves with Road Box shall be furnished, installed, and tested according to City of La Crosse Standard Specifications and Procedures. The exact location shall be set at the time of installation. Valves shall be inspected before backfilled.

**D Measurement**

The department will measure Hydrant Control Valve (size) as each individual valve, acceptably completed. This includes accompanying water valve box.

**E Payment**

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

ITEM NUMBER	DESCRIPTION	UNIT
SPV.0060.23	Hydrant Control Valve 6-Inch	EACH

Payment is full compensation for furnishing and installing, including blocking, mechanical joints, joint restraint, valve (road) boxes, and adjustment of valve box elevations to match flush with sidewalk, pavement, or finished grades within the work area.

**34. Salvage & Re-install Hydrant, Item SPV.0060.24.**

**A Description**

This work consists of salvaging and re-installing existing fire hydrants including excavation, setting salvaged hydrants, stone drain material, joint restraint, connection of hydrant-to-hydrant lead including fittings, mechanical joint restraints, at the hydrant, backfill and compaction, all according to the requirements of the plans, the Standard Specifications and the City of La Crosse Standard Specifications and Procedures for "Water Construction".

**B Materials**

Joint restraints shall be Meg-A-Lug wedge action type joint restraints manufactured by EBBA Iron Sales or an approved equal.

**C (Vacant)**

**D Measurement**

The department will measure Salvage & Re-install Hydrant as each individual hydrant, salvaged and acceptably completed.

**E Payment**

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

ITEM NUMBER	DESCRIPTION	UNIT
SPV.0060.24	Salvage & Re-install Hydrant	EACH

Payment is full compensation salvaging and reinstalling, including removing the hydrant and relocating to the location specified on the plans and for new providing and installing new Meg-A-Lug joint restraints on salvaged hydrants and/or control valves.

**35. Connect to Existing 8-Inch Water Main, Item SPV.0060.25.**

**A Description**

This item of work consists of connecting to the existing water main of the size and method specified, furnishing specified fittings at locations shown on plans, and as hereinafter provided.

**B Materials**

Work and materials under this item shall be according to the City of La Crosse Standard Specifications and Procedures for "Water Construction".

All fittings shall be cement lined, compact, ductile iron, seal coated in compliance to the AWWA Specifications latest designation specifications.

**C Construction**

Connect to Existing Water Main shall be performed at the locations shown on the plans. This item of work shall include the excavation and exposing of the existing water main at the location of connection to determine the exact location and elevation of the existing pipe, the coordination with local water utility personnel for the temporary shutdown of the existing water main, the notification of all the affected businesses and residences of the time and approximate duration of the shutdown, and all fittings required for the connection of new water main to the existing water main. All connections performed, shall be inspected the engineer prior to backfill.

Open ends of pipe shall be closed during non-working periods by a watertight plug or other means approved by the engineer. If water is in the trench, the seal shall remain in place until the trench is pumped completely dry.

Cutting pipe shall be done in a neat and workmanlike manner without causing damage to the pipe. The cut edges shall be beveled so as not to cause damage to the gasket when inserted into a fitting.

Water main connection material shall be provided with straps for electrical connectivity requirements.

**D Measurement**

The department will measure Connect to Existing (size) Water Main as each individual connection, acceptably completed.

## E Payment

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

ITEM NUMBER	DESCRIPTION	UNIT
SPV.0060.25	Connect to Existing 8-Inch Water Main	EACH

Payment is full compensation for furnishing all work including preparation of the terminal end of existing main for connection, transition fittings or reducer, conductivity, straps, and mechanical joint restraint.

- 36. Reducers 12-Inch to 8-Inch, Item SPV.0060.26;  
Tees 12-Inch x 8-Inch, Item SPV.0060.27;  
Tees 12-Inch x 6-Inch, Item SPV.0060.28;  
22.5 Degree Bends 8-Inch, Item SPV.0060.29;  
45 Degree Bends 8-Inch, Item SPV.0060.30.**

### A Description

This item of work consists of furnishing and installing all compact ductile iron fittings of the size specified to be installed in the water main, at location shown on plans, and as hereinafter provided.

### B Materials

Materials under this item shall be according to the City of La Crosse Standard Specifications and Procedures for "Water Construction".

Fittings shall be ductile iron meeting ASTM C-110 latest designation, 350 psi rated. All reducers, crosses, tees and bends shall be cement lined, seal coated and conform to the AWWA Specifications latest designation specification. Approved manufactures of ductile iron fittings are American Cast Iron Pipe, U.S. Pipe or an approved equal.

Fittings shall be poly-wrapped. Poly-Wrap shall be 8 mil thickness and meet ASTM C-105, latest designation and shall be installed on all fittings.

Joint restraints shall be Meg-A-Lug wedge action type joint restraints manufactured by EBBA Iron Sales or an approved equal.

### C Construction

Reducers, Crosses, Tees and Bends shall be installed in new water mains at the locations shown on the plans. The exact location of each fitting shall be determined in the field with the engineer. This item of work shall include cleaning the exterior of the water main and interior of the fitting and disinfecting before the fitting is placed onto the water main and the Meg-A-Lug mechanical joint and the Meg-A-Lug joint restraints are secured. The exact location shall be set at the time of installation. All work shall be inspected by the engineer and the location of each fitting recorded.

Cutting pipe shall be done in a neat and workmanlike manner without causing damage to the pipe. The cut edges shall be beveled so as not to cause damage to the gasket when inserted into a fitting.

All fittings shall be poly wrapped.

### D Measurement

The department will measure Reducer (size), Cross (size), Tee (size), 45 Degree Bend (size) and 22.5 Degree Bend (size) as each individual fitting, acceptably completed.

## E Payment

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

ITEM NUMBER	DESCRIPTION	UNIT
SPV.0060.26	Reducers 12-Inch to 8-Inch	EACH
SPV.0060.27	Tees 12-Inch x 8-Inch	EACH
SPV.0060.28	Tees 12-Inch x 6-Inch	EACH
SPV.0060.29	22.5 Degree Bends 8-Inch	EACH
SPV.0060.30	45 Degree Bends 8-Inch	EACH

Payment is full compensation for furnishing all work including preparation of the terminal end of the main for connection, Meg-A-Lug mechanical joint restraint, bonding strap, and poly-wrap.

**37. R.S. Wedge Valve 12-Inch, Item SPV.0060.31;  
R.S. Wedge Valve 8-Inch, Item SPV.0060.32.**

**A Description**

This work consists of furnishing and installing R.S. Wedge Valves with the new water main, complete including road box of the size and class specified, furnishing and installing all fittings and joint restraint according to the requirements of the plans, the Standard Specifications and the City of La Crosse Standard Specifications and Procedures for "Water Construction".

**B Materials**

All water main materials shall conform to the AWWA Specifications latest designation specifications.

Valves to be furnished shall be new meeting the requirements of the standard specifications. Valves to be installed complete with road box.

Approved manufactures of valves are American Darling, Kennedy, Mueller, M & H (Dresser), Waterous, Clow, U.S Pipe Metro Seal, or an approved equal.

R. S. Wedge Valves to include mechanical joint restraint shall be installed at valves and included in the cost bid of valves.

Joint restraints shall be Meg-A-Lug wedge action type joint restraints manufactured by EBBA Iron Sales or an approved equal.

Valve boxes shall be screw type having a 5 ¼ - Inch shaft diameter. Valve boxes shall be cast iron similar to the following: Cast Iron-Tyler 6860 Series or Standard #6 Base extension 59A Tyler, center section 60A Tyler, top section 26T, cover #145462 5-1/4" Drop Lid marked "WATER". Valve boxes shall be set so that the bottom of the base section is the same elevation as the top of the stuffing box of the valve, shall be centered on the operating nut by use of a gate valve adapter, and shall not touch the body of the valve in any way with a minimum of two inches of clearance. The contractor shall provide proper length valve boxes and is responsible for checking the plans and determining lengths needed prior to ordering boxes.

**C Construction**

R.S. Wedge Valves shall be furnished and installed with the new water main and tested according to City of La Crosse Standard Specifications and Procedures. The exact location shall be set at the time of installation. Each shall be inspected before backfilled.

**D Measurement**

The department will measure R.S. Wedge Valve (size) as each individual valve, acceptably completed. This includes accompanying water valve box.

**E Payment**

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

ITEM NUMBER	DESCRIPTION	UNIT
SPV.0060.31	R.S. Wedge Valve 12-Inch	EACH
SPV.0060.32	R.S. Wedge Valve 8-Inch	EACH

Payment is full compensation for furnishing all work including blocking, mechanical joints, joint restraints, valve (road) boxes and adjustment of valve box elevations to match flush with sidewalk, pavement, or finished grades within the work area.

**38. Nitrile Gasket 12-Inch, Item SPV.0060.33;  
Nitrile Gasket 6-Inch, Item SPV.0060.34.**

**A Description**

This item of work consists of furnishing and installing nitrile gaskets of the size specified to in the water mains installed in hydrocarbon contaminated soils and as directed by the engineer, and as hereinafter provided.

**B Materials**

Work and materials under this item shall be according to the City of La Crosse Standard Specifications and Procedures for "Water Construction".

Gasket material shall be Nitrile G and shall comply with the AWWA Specifications latest designation specifications.

Approved manufactures of gaskets are American Pipe, Tyton - U.S Pipe, or an approved equal.

**C Construction**

Nitrile Gaskets shall be used in new water mains installed in soils that are shown to be contaminated or as directed by the engineer. All work shall be inspected by the engineer and the location of each fitting recorded.

**D Measurement**

The department will measure Nitrile Gasket (size) as each individual gasket, acceptably completed.

**E Payment**

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

ITEM NUMBER	DESCRIPTION	UNIT
SPV.0060.33	Nitrile Gasket 12-Inch	EACH
SPV.0060.34	Nitrile Gasket 6-Inch	EACH

Payment is full compensation for furnishing all work including installing the gasket and recording the location of each gasket installed.

**39. Nitrile Gaskets – Hydrant Lead 6-Inch, Item SPV.0060.35.**

**A Description**

This work consists of furnishing and installing nitrile gaskets in fire hydrant leads when the hydrant and/or hydrant lead is installed in soil contaminated with hydrocarbon compounds, all according to the requirements of the plans, the Standard Specifications and the City of La Crosse Standard Specifications and Procedures for "Water Construction".

**B Materials**

All water main materials shall conform to the AWWA Specifications latest designation specifications.

Gasket material shall be Nitrile G and shall comply with the AWWA Specifications latest designation specifications.

Approved manufactures of gaskets are American Pipe, Tyton - U.S Pipe, or an approved equal.

**C Construction**

Nitrile Gaskets shall be furnished and installed when directed by the engineer, and according to City of La Crosse Standard Specifications and Procedures.

**D Measurement**

The department will measure Nitrile Gaskets – Hydrant Lead 6-Inch as each individual gasket, acceptably completed.

## E Payment

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

ITEM NUMBER	DESCRIPTION	UNIT
SPV.0060.35	Nitrile Gaskets – Hydrant Lead 6-Inch	EACH

Payment is full compensation furnishing and installing all work, including recording the location of each gasket installed.

## 40. 24-Inch Water Main Casing, Item SPV.0060.36.

### A Description

This special provision describes furnishing and installing a steel casing pipe under the railroad tracks by horizontal earth boring or jacking the casing to the proposed grade and location as shown on the plans. Excavate and backfill both the bore and receiving pits and dispose of excess soil material according to the plans and specifications or as directed by the engineer.

Permits for railroad crossing will be obtained by the owner. Comply with requirements of the permit(s) including notification, maintenance of highway or rail structural integrity, traffic control and safety measures. A copy of the permit may be obtained by contacting Craig Fisher, WisDOT at (608) 785-9946.

### B Materials Steel Casing Pipe

ASTM A-53 with a minimum yield strength of 35,000 psi.

All joints shall be full depth, full circumference welds. Welds shall be of sufficient strength to withstand jacking stresses.

Wall thickness for Steel Casing Pipe for E 80 Loading (including impact) is 0.312 inches for 24-inch diameter.

All metallic casing pipes shall be designed for effective corrosion control for a period of 100 years. Corrosion control measures may include protective coatings and/or cathodic protection. Design shall be according to National Association of Corrosion Engineers (NACE) publication RP0169. When casing is installed without benefit of a protective coating, and said casing is not cathodically protected, the wall thickness shown above shall be increased to the nearest size, which is minimum of 0.063 inches greater than the thickness shown for all diameter pipes above 14 inches.

### C Construction

Casing installations may be accomplished by dry boring, ram boring, jacking, or other approved methods. Comply with standard spec 107.17 for all work affecting BNSF Railroad Company property and any existing tracks.

Submit a Quality Control Plan of the installation process including, as a minimum, the chosen method of installation, the equipment being used, and the materials to be utilized, for review and acceptance, at least seven days prior to the start of operations.

The following requirements shall apply to these construction methods:

#### C.1 Boring

Piercing a hole under the surface of the ground without disturbing the earth surrounding the hole. Boring may be accomplished by any approved manner. Water jetting or puddling will not be permitted. Holes may be mechanically bored and cased using a cutting head and a continuous auger mounted inside of the casing.

#### C.2 Jacking

The installation of pipes by the use of hydraulic jacks or rams to push the pipe under the traveled surface of the road.

The use of water under pressure (jetting) or puddling will not be permitted to facilitate boring, pushing or jacking operations. Some boring may require water to lubricate cutter and pipe and under such conditions, is considered dry boring.

Where unstable soil conditions exist, boring or jacking operations shall be conducted in such a manner as not to be detrimental to the railroad being crossed.



Pits for boring or jacking shall be a minimum of 30 feet from the centerline of the track.

The hole diameter resulting from bored installations shall not exceed the outside diameter of the casing pipe by more than 2 inches.

If excessive voids or too large a bored hole is produced during casing or pipeline installations, or if it is necessary to abandon a bored hole, prompt remedial action shall be taken by the contractor.

All voids or abandoned holes caused by boring or jacking are to be completely filled by pressure grouting, unless other methods are approved by the engineer. The grout material shall be a sand cement slurry with a minimum of two sacks of cement per cubic yard and a minimum of water to assure satisfactory placement.

- Rail elevations over the work shall be monitored to detect any movement. Movements of over 1/4" vertically shall be immediately reported.
- The pipe shall be installed to the horizontal and vertical alignment shown on the plans, within a tolerance that will satisfactorily accommodate the intended use of the pipeline. Failure to meet this requirement shall be cause for rejection of the installation. If the installation has been rejected, install a second casing pipe, and abandon or remove the casing as directed by the engineer, at no additional cost.
- The carrier pipe shall be sufficiently supported and braced using the CCI Model CSP Polyethylene Casing Spacer system manufactured by CCI Pipeline Systems or an approved equivalent.
- The ends of the casing shall be sealed with a 12-inch thick concrete plug or other approved method.
- Vent pipes are required, and shall be of sufficient diameter, but in no case less than 2 inches in diameter and shall be attached near the end of casing as indicated. Vent pipes shall extend not less than 4 feet above ground surface. Top of vent pipes shall be fitted with a down-turned elbow, properly screened, or a relief valve. Vent pipe material shall be minimum schedule 40 galvanized iron or welded steel pipe.

#### **D Measurement**

The department will measure 24-Inch Water Main Casing as a single lump sum unit for each 24-Inch water main casing, 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.0060.36	24-Inch Water Main Casing	EACH

Payment is full compensation for casing pipe, excavation of boring pits, shoring, dewatering, blocking, seals, vents, and backfilling.

Carrier Pipe (water main) will be paid for under the unit price for Ductile Iron Water Main 12-Inch.

### **41. Construction Staking Water Main System, Item SPV.0060.37.**

#### **A Description**

This special provision describes staking line and grade for installation of all proposed water main, valves, hydrants, salvage & re-install hydrants, drinking fountains, ductile iron water services and copper water services.

#### **B (Vacant)**

#### **C Construction**

Perform this work according to standard spec 650.3.1 and as specified below.

Watermain System: Includes staking pipe at 25-foot intervals to 100 feet from valves and bends, staking valve, hydrants, drinking fountains and services that are to be constructed.

Set and maintain construction stakes or marks as necessary to achieve the required accuracy and to support the method of operations. Locate stakes to within 0.02 feet of true horizontal, and to establish the grade elevations within 0.01 feet of the true vertical position.

**D Measurement**

The department will measure Construction Staking Water Main System as each individual unit for all watermain installations on the project acceptably completed.

**E Payment**

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

ITEM NUMBER	DESCRIPTION	UNIT
SPV.0060.37	Construction Staking Water Main System	EACH

Payment is full compensation for locating and setting all constructing stake; and for relocating and resetting damaged or missing construction stakes.

The department will not make final payment for any staking item until the contractor submits all survey notes and computations used to establish the required lines and grades to the engineer within 21 days of completing the work. The department will deduct from payments due to the contractor for additional costs specified in standard spec 105.6.

**42. Posts Steel U-Channel 14-FT, Item SPV.0060.40.**

**A Description**

This special provision describes furnishing and installing steel u-channel posts as shown in the plans, the appropriate requirements of standard spec 634, and as hereinafter provided.

**B Materials**

Furnish 2-lbs per foot rib steel u-channel posts with black enamel paint finish.

The engineer will inspect sign posts before installation. Relace scratched or otherwise damaged posts at no expense to the department.

**C Construction**

Construct according to the plan details and the appropriate requirements of standard spec 634.3.

**D Measurement**

The department will measure Posts Steel U-Channel (size) as each individual 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.0060.40	Posts Steel U-Channel 14-FT	EACH

Payment is full compensation for providing, hauling and placing the posts; treating cut ends; for excavating and backfilling post holes; and for removing and disposing of surplus material.

**43. Install V-Loc Post Anchors, Item SPV.0060.41.**

**A Description**

This special provision describes installing city-furnished V-Loc post anchor system as shown in the plans and as hereinafter provided.

**B Materials**

The City of La Crosse will furnish the TAPCO V-Loc post anchors, Model 19-VR1U. The city will deliver the V-Loc anchors to the project site. Contact City of La Crosse Street Department, (608) 789-7340, at least 2 weeks prior to needing the V-Loc anchors.

**C Construction**

Install the city-furnished V-Loc anchors and adapters according to the installation guidelines on the TAPCO website:

<http://www.tapconet.com>

**D Measurement**

The department will measure Install V-Loc Post Anchors as each individual anchor, 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.0060.41	Install V-Loc Post Anchor	EACH

Payment is full compensation for installing the anchors and adapters; for excavating and backfilling box out holes; and for removing and disposing of surplus material.

**44. Remove, Salvage and Reinstall Sign, Item SPV.0060.42.**

**A Description**

This special provision describes removing, storing and erecting existing city owned signs.

**B Materials**

Furnish materials according to standard spec 638.2 necessary to erect salvaged signs to light poles if existing mounting hardware is damaged during removal.

**C Construction**

Remove and erect existing signs according to standard spec 638.3. Store removed signs in a manner that protects the sign to avoid damage or theft until such time during construction they can be reinstalled.

**D Measurement**

The department will measure Remove, Salvage and Reinstall Sign by 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.0060.42	Remove, Salvage, and Reinstall Sign	EACH

Payment is full compensation for removing, storing, and erecting existing city owned signs and for all hardware required to reinstall the sign.

**45. Transport and Install Poles Type 10 Black, Item SPV.0060.43;  
Transport and Install Poles Type 10 Special Black, Item SPV.0060.44;  
Transport and Install Monotube Arms 30-FT Black, Item SPV.0060.45;  
Transport and Install Monotube Arms 35-FT Special Black, Item SPV.0060.46;  
Transport and Install Monotube Arms 40-FT Special Black, Item SPV.0060.47;  
Transport and Install Luminaire Arms Steel 15-FT Black, Item SPV.0060.48.**

**A Description**

This special provision describes transporting and installing department-furnished traffic signal components conforming to standard spec 657, details shown in the plans, and as modified in this special provision.

## B Materials

The department will furnish the following:

- Type 10, and Type 10 Special poles and associated mounting hardware, hand hole covers, and pole caps.
- Monotube arms
- Steel luminaire arms

The contractor will be responsible for accepting shipment of monotube poles and arms from the department's supplier, as well as storage until monotube poles and arms are required at the project locations. The contractor will be responsible for transporting the monotube poles and arms from storage location to the project location. Contact WisDOT SW Region Traffic Signal Engineer Collin Webb, (608) 792-5824, to coordinate delivery of monotube poles and arms.

The contractor will furnish high-strength bolts conforming to standard spec 657.2.2.6.

Conform to the pertinent requirements of standard spec 657.2 and as shown on the plans.

## C Construction

Install the department-furnished components as indicated in the bid item names. Also provide high-strength bolts and DTIs, fittings, either aluminum or galvanized steel shims, hardware, and other components the department does not furnish but that are required to complete the installation as the plans show.

Conform to the pertinent requirements of standard spec 657.3 and as shown on the plans.

Components when assembled shall appear as one uniformly colored unit. Touch up paint shall be furnished and applied by the contractor to all scratches and construction blemishes as to match the original black factory color and finish.

## D Measurement

The department will measure Transport and Install Poles Type 10 Black, Transport and Install Poles Type 10-Special Black, Transport and Install Monotube Arms 30-FT Black, Transport and Install Monotube Arms 35-FT Special Black, Transport and Install Monotube Arms 40-FT Special Black, and Transport and Install Luminaire Arms Steel 15-FT Black by each unit, acceptably completed.

## E Payment

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

ITEM NUMBER	DESCRIPTION	UNIT
SPV.0060.43	Transport and Install Poles Type 10 Black	EACH
SPV.0060.44	Transport and Install Poles Type 10 Special Black	EACH
SPV.0060.45	Transport and Install Monotube Arms 30-FT Black	EACH
SPV.0060.46	Transport and Install Monotube Arms 35-FT Special Black	EACH
SPV.0060.47	Transport and Install Monotube Arms 40-FT Special Black	EACH
SPV.0060.48	Transport and Install Luminaire Arms Steel 15-FT Black	EACH

Payment is full compensation for installing all department-furnished poles and arms and for providing ground lugs, fittings shims, hardware and other required components for pole installation the department does not furnish; for providing high-strength bolt/nut/washer assemblies and DTIs including those required for testing; for providing related mounting hardware, leveling shims, and other required components for monotube arm and luminaire arm installation the department does not furnish; and for providing and applying touch up paint as necessary to cover all scratches and construction blemishes.

**46. Remove and Salvage Traffic Signals, Item SPV.0060.49.**

**A Description**

This special provision describes removing traffic signals according to the pertinent provisions of standard spec 204 and as hereinafter provided. Work under this item also includes transporting or disposing of the existing equipment, including removal of existing electrical service as well as required utility coordination, as directed in this special provision. Removal of pull boxes and concrete bases at the above listed intersections shall be paid for separately.

**B (Vacant)**

**C Construction**

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

Notify the City of La Crosse Traffic Engineer at (608) 789-7505 at least five working days prior to the removal of the traffic signals. Complete the removal work as soon as possible following shut down of this equipment.

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

Carefully disconnect, disassemble, remove and stockpile all traffic signal equipment. 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, 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. Remove all lead in cable and loop detector wire. Dispose of the underground signal cable, internal wires and street lighting cable off the right-of-way.

Contact the City of La Crosse Street Department at (608) 789-7340 to pick up the salvaged equipment.

**D Measurement**

The department will measure Remove and Salvage Traffic Signals 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.0060.49	Remove and Salvage Traffic Signals	EACH

Payment is full compensation for removing, disassembling traffic signals, scrapping of some materials, disposing of scrap material, and for delivering the requested materials to the city.

**47. Transport and Install Traffic Signal Cabinet and Battery Backup Unit Black, Item SPV.0060.50.**

**A Description**

This special provision describes the transporting and installing of department furnished materials for traffic signals.

**B Materials**

Use materials furnished by the department, including the traffic signal controller, the traffic signal cabinet (black), and the battery backup unit (black).

Pick up the department furnished materials at the department's Electrical Shop located at 3550 Mormon Coulee Rd, La Crosse, WI. Notify the department's on-call electrician at (608) 785-9080 and make arrangements for picking up the department furnished materials five working days prior to picking the materials up.

Provide all other needed materials in conformance with standard spec 651.2, 652.2, 653.2, 654.2, 655.2, 656.2, 657.2, 658.2 and 659.2.

**C Construction**

Perform work according to standard spec 651.3, 652.3, 653.3, 654.3, 655.3, 656.3, 657.3, 658.3 and 659.3 except as specified below.

Request a signal inspection of the completed signal installation to the engineer at least five working days prior to the time of the requested inspection. The City of La Crosse staff will perform the inspection.

Traffic signal cabinet and battery backup unit shall appear as one uniformly colored unit. Touch up paint shall be furnished and applied by the contractor to all scratches and construction blemishes as to match the original black factory color and finish.

**D Measurement**

The department will measure Transport and Install Traffic Signal Cabinet and Battery Backup Unit Black as each individual unit, in place 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.0060.50	Transport and Install Traffic Signal Cabinet and Battery Backup	EACH

Payment is full compensation for transporting and installing the traffic signal controller, the traffic signal cabinet and the battery backup unit; for furnishing and installing all other items necessary (such as wire nuts, splice kits and/or connectors, tape, insulating varnish, ground lug fasteners, etc.) to make the proposed system complete from the source of supply to the most remove unit and for clean-up and waste disposal.

**48. Transport and Install Video Detection System, Item SPV.0060.51.**

**A Description**

This special provision describes the transporting and installing of department furnished video detection system as shown on the plans.

**B Materials**

All materials including, but not limited to fisheye camera, mounting kit, weather-tight connector, ethernet protection module, detection processor, Cat5e cable, and TS2 connection cables will be furnished by the department. Furnish all remaining hardware, fasteners, and wiring connections as incidental to this item.

Pick up the department furnished materials at the department's Electrical Shop located at 3550 Mormon Coulee Rd, La Crosse, WI. Notify the department's on-call electrician at (608) 785-9080 and make arrangements for picking up the department furnished materials five working days prior to picking the materials up.

**C Construction**

Coordinate installation with the department's traffic section. Contact the department at least five working days prior to the scheduled installation of the detection system.

Pull Cat5e cable from the signal cabinet to the camera location. Install the pole mounting brackets, mounting arm, and camera as shown on the plan per manufacturer recommendations. Connect Cat5e cable from the camera to the junction box and the processor.

Assist the city with aiming the camera during the detection system turn-on.

**D Measurement**

The department will measure Transport and Install Video Detection System 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.0060.51	Transport and Install Video Detection System	EACH

Payment is full compensation for transporting and installing the department furnished video detection system; for assisting the city’s department with aiming the camera, and for making the system fully functional with the traffic signal controller.

**49. Remove, Salvage and Reinstall EVP Equipment, Item SPV.0060.52.**

**A Description**

This special provision describes removing, salvaging, storing, reinstalling and testing as shown in the plans, and as hereinafter provided.

**B Materials**

Salvage and reinstall all existing equipment as shown on plans. Traffic Signal EVP Detector Cable will be paid for separately. Mounting equipment for the EVP detector shall be considered incidental to this item.

**C Construction**

Install salvaged EVP equipment as the plans show and to match original conditions and operations. Dispose of existing cables and terminations.

**D Measurement**

The department will measure Remove, Salvage and Reinstall EVP Equipment 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.0060.52	Remove, Salvage and Reinstall EVP Equipment	EACH

Payment is full compensation for removing, storing, and installing salvaged EVP equipment.

**50. Relocate System Lighting Wiring, Item SPV.0060.53.**

**A Description**

This special provision describes relocating of the existing system lighting wiring within the existing intersection conduit and pull boxes into the designated proposed conduit.

**B Materials**

All materials must be from the standard specifications based on the sizes identified through field investigation. Existing wiring may be salvaged and reinstalled if existing material is found to be in acceptable condition.

Any temporary materials installed to maintain lighting during construction remain contractor’s property. However, the engineer may require any materials or installation deemed unsafe to be removed and replaced at no additional compensation; the engineer has sole authority to make this determination.

**C Construction**

Contractor must field investigate existing conditions to determine the configuration of the existing lighting installation, how lighting will be maintained during construction, and how proposed lighting wiring will be installed. It is the contractor’s responsibility to coordinate any circuit de-energizations at least two weeks in advance.

**D Measurement**

The department will measure Relocate System Lighting Wiring 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.0060.53	Relocate System Lighting Wiring	EACH

Payment is full compensation for relocating or replacing wiring for the existing lighting system and for keeping lighting operational throughout construction.

**51. Disconnect, Salvage & Reinstall Traffic Signal Interconnect, Item SPV.0060.54.**

**A Description**

This special provision describes disconnecting, salvaging and reinstalling existing traffic signal interconnect fiber optic cable according to the pertinent provisions of standard spec 204, 655 and 658 and as hereinafter provided.

**B (Vacant)**

**C Construction**

Notify the department at least five working days prior to the removal of the traffic signal equipment. Complete the removal work as soon as possible following de-energizing of the traffic signal.

Disconnect the existing traffic signal interconnect fiber optic cable from the existing cabinet. Safely pull fiber optic cable back to the nearest pull box or other approved storage area undisturbed by construction making sure not to damage the fiber.

Reinstall the salvaged fiber optic cable into the new pull boxes and conduit and leave the remaining fiber looped safely in the base of the traffic signal cabinet for the City of La Crosse to terminate at the new cabinet cut-over.

**D Measurement**

The department will measure Disconnect, Salvage & Reinstall Traffic Signal Interconnect 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.0060.54	Disconnect, Salvage and Reinstall Traffic Signal Interconnect	EACH

Payment is full compensation for disconnecting, salvaging, storing and reinstalling the traffic signal interconnect cable.

**52. Marking Stop Line Grooved Epoxy 18-Inch, Item SPV.0090.01;  
Marking Crosswalk Grooved Epoxy Transverse Line 12-Inch, Item SPV.0090.02;  
Cold Weather Marking Epoxy 12-Inch, Item SPV.0090.20;  
Cold Weather Marking Epoxy 18-Inch, Item SPV.0090.21.**

**A Description**

This special provision describes providing pavement markings according to standard spec 646 and the plans.

**B Materials**

Provide materials according to standard spec 646.



**C Construction**

Perform work according to standard spec 646 and as shown in the plans. Perform cold weather application as specified in 646.3.1.3. Perform grooving as specified in standard spec 646.3.2.3.

**D Measurement**

The department will measure Marking Stop Line Grooved Epoxy 18-Inch, Marking Dotted Extension Grooved Epoxy 18-Inch, Marking Diagonal Grooved Epoxy 12-Inch, Marking Crosswalk Grooved Epoxy Transverse Line 12-Inch, Marking Crosswalk Grooved Epoxy Block Style 24-Inch, Cold Weather Marking Epoxy 12-Inch, Cold Weather Marking Epoxy 18-Inch, and Cold Weather Marking Epoxy 24-Inch by the linear foot of line, placed according to the contract and accepted completed.

**E Payment**

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

ITEM NUMBER	DESCRIPTION	UNIT
SPV.0090.01	Marking Stop Line Grooved Epoxy 18-Inch	LF
SPV.0090.02	Marking Crosswalk Grooved Epoxy Transverse Line 12-Inch	LF
SPV.0090.20	Cold Weather Marking Epoxy 12-Inch	LF
SPV.0090.21	Cold Weather Marking Epoxy 18-Inch	LF

Payment shall be according to standard spec 646.5 and as modified here.

*Delete standard spec 646.5.2. Add the following to standard spec 646.5.1:*

- (6) When placing markings below the minimum temperatures as noted in standard spec 646.3.1.3, payment is full compensation for providing the initial marking including maintenance and removal.

**53. Reinforced Concrete Curb and Gutter, Item SPV.0090.03.**

**A Description**

This special provision constructing a reinforced curb and gutter as shown on the plans and directed by the engineer and as hereinafter provided.

**B Materials**

Furnish materials that according to standard spec 601.2 and as hereinafter provided.

Furnish materials that according to standard spec 505.2 and as hereinafter provided.

**C Construction**

Use construction methods conforming to standard spec 601.3 and 505.2 and as hereinafter provided.

Place steel reinforcement at mid-depth of the curb and gutter, using bar chairs to support and maintain its position within the concrete curb and gutter while the concrete is placed.

**D Measurement**

The department will measure Reinforced Concrete Curb and Gutter by the linear foot, acceptably completed.

**E Payment**

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

ITEM NUMBER	DESCRIPTION	UNIT
SPV.0090.03	Reinforced Concrete Curb and Gutter	SF

Payment is full according to standard spec 601.5. Steel reinforcement is incidental to reinforced concrete curb and gutter.

**54. Copper Water Service 1-Inch, Item SPV.0090.10.**

**A Description**

This work consists of excavating required trenches, removing existing water lateral, furnishing and laying new type K water lateral service pipe of the size and class specified, connecting the new water service to existing water service, furnishing and installing all fittings, flushing the lateral, pressure testing and continuity testing, back filling trenches and restoring the site of work, according to the requirements of the plans, the City of La Crosse Standard Specifications and Procedures for "Water Construction".

**B Materials**

All water main materials shall conform to the AWWA Specifications latest designation specifications. Copper water service pipe shall be Type "K" seamless soft copper.

**C Construction**

Copper Water Service to be installed according to City of La Crosse Standard Specifications and Procedures. The exact location shall be set at the time of installation.

**D Measurement**

The department will measure Copper Water Service (size) in length by the linear foot, acceptably completed.

**E Payment**

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

ITEM NUMBER	DESCRIPTION	UNIT
SPV.0090.10	Copper Water Service 1-Inch	LF

Payment is full compensation for furnishing all work including furnishing all materials, including all fittings, couplings and poly wrap, for furnishing all excavation, laying lateral, removing old lateral, and making connections to new or existing fixtures; making temporary connections to existing or new water; for testing and disinfecting; and for back filling, cleaning out and restoring site of work.

**55. Ductile Iron Hydrant Lead 6-Inch, Item SPV.0090.11.**

**A Description**

This work consists of excavating required trenches, removing existing hydrant lead, furnishing and laying ductile iron hydrant lead of the size and class specified, furnishing and installing all joint restraints, polyethylene wrap, disinfecting chemical, flushing the lead, pressure testing and continuity testing, back filling trenches and restoring the site of work, according to the requirements of the plans, the City of La Crosse Standard Specifications and Procedures for "Water Construction".

**B Materials**

All water main work and materials shall conform to the AWWA Specifications latest designation specifications and the City of La Crosse Specifications.

**B.1 Pipe**

Pipe shall be cement lined ductile iron pressure class 350 (350 psi) meeting ASTM C-104 latest designation, with minimum wall thickness of 0.25". Pipe gaskets shall meet ASTM C-111. Approved manufactures of ductile iron water main are American Cast Iron Pipe,

U.S. Pipe or an approved equal.

**B.2 Pipe Joints**

Pipe joints shall be mechanical joint for all fittings and where straight pipe connects to fittings. Pipe joints may be push-on type (slip joint) on straight lengths of pipe.

New gaskets shall be provided at all joints within the replaced water main section. All gaskets shall conform to AWWA specifications and shall have the same pressure rating as the pipe or fitting of which they are a part. Nitrile gaskets to be used in contaminated areas.

Mechanical joint restraint shall be installed at all bends, plugs, wyes, tees, reducers and included in the cost bid for pipe installation. Joint restraints shall be Meg-A-Lug wedge action type joint restraints manufactured by EBBA Iron Sales or an approved equal.

**B.3 Poly Wrap**

Poly-Wrap (polyethylene encasement) shall be 8 mil thickness and meet ASTM C-105, latest designation and shall be installed to all permanently installed water main.

**B.4 Pipe Restraint**

Pipe restraint shall be Meg-A-Lug wedge action type joint restraints manufactured by Ebba Iron Sales, or an owner approved equal.

**C Construction**

Hydrant Lead shall be installed according to City of La Crosse Standard Specifications and Procedures. Comply with all applicable local, state and federal regulations.

**D Measurement**

The department will measure Ductile Iron Hydrant Lead (size) in length by the linear foot, acceptably completed.

**E Payment**

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

ITEM NUMBER	DESCRIPTION	UNIT
SPV.0090.11	Ductile Iron Hydrant Lead 6-Inch	LF

Payment is full compensation for furnishing all materials, including all fittings, for furnishing all excavation, sheeting and shoring, dewatering if necessary; forming foundation, laying pipe, removing old pipe, sealing joints, making connections to new or existing fixtures; making temporary connections to existing or new main and services for testing and disinfecting; for furnishing granular backfill material; and for backfilling, removing sheeting, cleaning out and restoring site of work.

**56. Abandon Water Main, Item SPV.0090.12.**

**A Description**

This work consists of abandoning existing watermain according to the requirements of the plans, the Standard Specifications and the City of La Crosse Standard Specifications and Procedures for "Water Construction".

Existing watermain shall be cut, purged, capped and filled with flowable controlled low-strength material.

Abandon existing watermain as shown on the plans. Cut existing water main at least 30' from the centerline of the railroad track at right angles to the track.

**B Materials**

Fill abandoned water main with highly flowable controlled low strength material (CLSM), lean cement pumped grout, or a combination of both.

**C (Vacant)**

**D Measurement**

The department will measure Abandon Water Main by the linear foot, acceptably completed.

**E Payment**

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

ITEM NUMBER	DESCRIPTION	UNIT
SPV.0090.12	Abandon Water Main	LF

Payment is full compensation for furnishing all work including cutting existing watermain, purging, building bulkheads, filling abandoned water main with flowable fill and backfilling trenches.

**57. Ductile Iron Water Main 12-Inch, Item SPV.0090.13;  
Ductile Iron Water Main 8-Inch, Item SPV.0090.14.**

**A Description**

This work consists of excavating required trenches, removing existing water main, furnishing and laying ductile iron water main of the size and class specified, polyethylene wrap, disinfecting chemical, flushing the main, pressure testing and continuity testing, back filling trenches and restoring the site of work, according to the requirements of the plans, the City of La Crosse Standard Specifications and Procedures for "Water Construction".

**B Materials**

All water main work and materials shall conform to the AWWA Specifications latest designation specifications and City of La Crosse Specifications.

**B.1 Pipe**

Pipe shall be cement lined ductile iron pressure class 350 (350 psi) meeting ASTM C-104 latest designation, with minimum wall thickness of 0.25". Pipe gaskets shall meet ASTM C-111. Approved manufactures of ductile iron water main are American Cast Iron Pipe, U.S. Pipe or an approved equal.

**B.2 Pipe Joints and Gaskets**

Pipe joints shall be mechanical joint for all fittings and where straight pipe connects to fittings. Pipe joints may be push-on type (slip joint) on straight lengths of pipe.

New gaskets shall be provided at all joints within the replaced water main section. All gaskets shall conform to AWWA specifications and shall have the same pressure rating as the pipe or fitting of which they are a part. Nitrile gaskets to be used in contaminated areas.

**B.3 Poly Wrap**

Poly-Wrap (polyethylene encasement) shall be 8 mil thickness and meet ASTM C-105, latest designation and shall be installed to all permanently installed water main.

**B.4 Pipe Restraint**

Pipe restraint shall be Meg-A-Lug wedge action type joint restraints manufactured by Ebba Iron Sales, or an owner approved equal.

**C Construction**

Ductile Iron Water Main shall be installed according to City of La Crosse Standard Specifications and Procedures. Comply with all applicable local, state and federal regulations.

Open ends of pipe shall be closed during non-working periods by a watertight plug or other means approved by the engineer. If water is in the trench, the seal shall remain in place until the trench is pumped completely dry.

Cutting pipe shall be done in a neat and workmanlike manner without causing damage to the pipe. The cut edges shall be beveled so as not to cause damage to the gasket when inserted into a fitting.

Mechanical joint restraint shall be installed at all bends, plugs, wyes, tees, reducers and included in the cost bid for pipe installation.

Whenever any work is to be done in connection with the present system of mains, the contractor shall give notice to the engineer and City of La Crosse Water Utility a minimum of one day in advance of the time he expects to begin work, of the time that will be required, and of the place where he expects to do said work. The water utility will close such valves as would be required to shut off the water from the place designated and the contractor must prosecute the work with such diligence and dispatch that the water will be off for the least possible time. The contractor shall have as much as possible of the relocation section pre-assembled prior to shutting off the water and cutting into the existing water main. The contractor shall aid the Water Utility in the notification of all properties affected by the shutoff.

The exact location shall be set at the time of installation.

**D Measurement**

The department will measure Ductile Iron Water Main (size) in length by the linear foot, acceptably completed.

## E Payment

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

ITEM NUMBER	DESCRIPTION	UNIT
SPV.0090.13	Ductile Iron Water Main 12-Inch	LF
SPV.0090.14	Ductile Iron Water Main 8-Inch	LF

Payment is full compensation for furnishing all materials for furnishing all excavation, sheeting and shoring, dewatering, if necessary, forming foundation, laying pipe, removing old water main pipe and appurtenances, sealing joints, making connections to new or existing fixtures; making temporary connections to existing or new main and services; for testing and disinfecting; for furnishing granular backfill material; and for backfilling, removing sheeting, cleaning out and restoring site of work.

## **ADDITIONAL SPECIAL PROVISION 4**

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.

### **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 is not allowed to withhold 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.

### **Acceptance and Final Payment**

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.

**Additional Special Provision 6**

**ASP 6 - Modifications to the standard specifications**

*Make the following revisions to the standard specifications:*

**416.2.4 Concrete Pavement Repair and Replacement**

*Replace the entire text with the following effective with the November 2022 letting:*

- (1) Except as specified in 416.3.6 for inlaid rumble strips, use grade C concrete as specified in 501.
- (2) The engineer will allow the contractor to open to construction and public traffic when the concrete reaches 2000 psi.

**416.2.5 Special High Early Strength Concrete Pavement Repair and Replacement**

**416.2.5.1 Composition and Proportioning of Concrete**

*Replace paragraph one with the following effective with the November 2022 letting:*

- (1) For the concrete mixture, use a minimum of 846 pounds of cementitious material per cubic yard of concrete. The engineer will allow the contractor to open to construction and public traffic when the concrete reaches 2000 psi. The contractor may add one or a combination of admixtures to the ingredients or to the mixture in order to obtain the required minimum strength and required air content. Do not retemper the concrete mixture.

**455.2.4.3 Emulsified Asphalts**

*Replace paragraph one with the following effective with the November 2022 letting:*

- (1) Furnish material conforming, before dilution, to the following:
    - Anionic emulsified asphalts<sup>[1]</sup>..... AASHTO M140
    - Cationic emulsified asphalts<sup>[1]</sup> ..... AASHTO M208
    - Polymer-modified cationic emulsified asphalts ..... AASHTO M316
- <sup>[1]</sup> Non-tracking emulsified asphalts shall conform to TABLE 455-1 for the type and grade specified.

**TABLE 455-1 Requirements for Non-Tracking Emulsified Asphalt**

PRODUCT	ANTT	CNTT
Saybolt Viscosity at 77°F (25°C), (AASHTO T 59), SFS	15-100	15-100
Paddle Viscosity at 77°F (25°C), (AASHTO T 382), cPs <sup>[1]</sup>	30-200	30-200
Storage Stability Test, 24 hr, (AASHTO T 59), %	1 max	1 max
Residue by Distillation, 500 ± 10 °F (260 ± 5 °C), or Residue by Evaporation, 325 ± 5 °F (163 ± 3 °C), (AASHTO T 59), %	50 min	50 min
Sieve Test, No. 20 (850 µm), (AASHTO T 59), %	0.3	0.3
Penetration at 77°F (25°C), 100 g, 5 sec, (AASHTO T 49), dmm	10-40	10-40
Ash Content, (AASHTO T 111), %	1 max	1 max
Solubility in Trichlorethylene Test, (AASHTO T 44) <sup>[2]</sup>	97.5% min	97.5% min

<sup>[1]</sup> Paddle Viscosity (AASHTO T 382) may be run in lieu of Saybolt Viscosity (AASHTO T 59).  
<sup>[2]</sup> The solubility in Trichlorethylene test (AASHTO T 44) may be run in lieu of Ash Content (AASHTO T 111).

**455.2.5 Tack Coat**

*Replace paragraph one with the following effective with the November 2022 letting:*

- (1) Under the Tack Coat bid item, furnish type SS-1h, CSS-1h, QS-1h, CQS-1h, ANTT, CNTT, or modified emulsified asphalt with an “h” suffix, unless the contract specifies otherwise.

**710.5.7 Corrective Action**

**710.5.7.1 Optimized Aggregate Gradations**

*Replace paragraph one with the following effective with the November 2022 letting:*

- (1) If the contractor's 4-point running average or a department test result of the volumetric percent retained exceeds the tarantula curve limits by less than or equal to 1.0 percent on a single sieve size, notify the other party immediately and do one of the following:
  - Perform corrective action documented in the QC plan or as the engineer approves. Continue with the following:
    1. Document and provide corrective action results to the engineer as soon as they are available.
    2. Department will conduct two tests within the next business day after corrective action is complete.
      - If blended aggregate gradations are within the tarantula curve limits by the second department test:
        - Continue with concrete production.
        - Include a break in the 4-point running average.
        - For Class I Pavements: The department will discontinue reduced frequency testing and will test at a frequency of 1 test per placement day. Once 5 consecutive samples are passing at the 1 test per placement day frequency, the reduced frequency testing will be reapplied.
      - If blended aggregate gradations are not within the tarantula curve limits by the second department test and the contract requires an optimized aggregate gradation mix under 501.2.7.4.2.1(2), stop concrete production and submit a new optimized aggregate gradation mix design.
      - If blended aggregate gradations are not within the tarantula curve limits by the second department test and the contract does not require an optimized aggregate gradation mix under 501.2.7.4.2.1(2), stop concrete production and submit either a new optimized aggregate gradation mix design or a combined aggregate gradation mix design.
  - Submit a new optimized aggregate gradation mix design and perform the following:
    1. Restart control charts for the new mix design.
    2. Amend contractor Quality Control Plan

**715.5 Payment**

*Replace the entire text with the following effective with the November 2022 letting:*

**715.5.1 General**

- (1) The department will pay incentive for concrete strength under the following bid items:

<u>ITEM NUMBER</u>	<u>DESCRIPTION</u>	<u>UNIT</u>
715.0502	Incentive Strength Concrete Structures	DOL
715.0603	Incentive Strength Concrete Barrier	DOL
715.0715	Incentive Flexural Strength Concrete Pavement	DOL
715.0720	Incentive Compressive Strength Concrete Pavement	DOL

- (2) Incentive payment may be more or less than the amount the schedule of items shows.
- (3) The department will administer disincentives for strength under the Disincentive Strength Concrete Structures, Disincentive Strength Concrete Barrier, Disincentive Flexural Strength Concrete Pavement, and Disincentive Compressive Strength Concrete Pavement, administrative items.
- (4) The department will adjust pay for each lot using PWL of the 28-day subplot average strengths for that lot. The department will measure PWL relative to strength lower specification limits as follows:
  - Compressive strength of 3700 psi for pavements.
  - Flexural strength of 650 psi for pavements.
  - Compressive strength of 4000 psi for structures and barrier.
- (5) The department will not pay a strength incentive for concrete that is nonconforming in another specified property, for ancillary concrete accepted based on tests of class I concrete, or for high early strength concrete unless placed in pavement gaps as allowed under 715.3.1.2.2.
- (6) Submit test results to the department electronically using MRS software. The department will verify contractor data before determining pay adjustments.
- (7) All coring and testing costs under 715.3.2.2 including filling core holes and providing traffic control during coring are incidental to the contract.



**715.5.2 Pavements**

**715.5.2.1 Compressive**

- (1) The department will adjust pay for each lot using equation “QMP 3.01” as follows:

Percent within Limits (PWL)	Pay Adjustment (dollars per square yard)
>= 95 to 100	$(0.1 \times \text{PWL}) - 9.5$
>= 85 to < 95	0
>= 30 to < 85	$(1.5/55 \times \text{PWL}) - 127.5/55$
< 30	-1.50

- (2) The department will not pay incentive if the lot standard deviation is greater than 400 psi compressive.
- (3) For lots with a full battery of QC tests at less than 4 locations, there is no incentive, but the department will assess a disincentive based on the individual subplot average strengths. The department will reduce pay for sublots with an average strength below 3700 psi compressive by \$1.50 per square yard.
- (4) For integral shoulder pavement and pavement gaps accepted using tests from the adjacent travel lane, the department will adjust pay using strength results of the travel lane for integrally placed concrete shoulders and pavement gaps regardless of mix design and placement method, included in a lane-foot lot.

**715.5.2.2 Flexural**

- (1) The department will adjust pay for each lot using equation “QMP 6.02” as follows:

Percent within Limits (PWL)	Pay Adjustment (dollars per square yard)
>= 95 to 100	$(0.2 \times \text{PWL}) - 19$
>= 85 to < 95	0
>= 50 to < 85	$(2.0/35 \times \text{PWL}) - 170/35$
< 50	-2.00

- (2) The department will not pay incentive if the lot standard deviation is greater than 60 psi flexural.
- (3) For lots with a full battery of QC tests at less than 4 locations, there is no incentive, but the department will assess a disincentive based on the individual subplot average strengths. The department will reduce pay for sublots with an average strength below 650 psi flexural by \$2.00 per square yard.
- (4) For integral shoulder pavement and pavement gaps accepted using tests from the adjacent travel lane, the department will adjust pay using strength results of the travel lane for integrally placed concrete shoulders and pavement gaps regardless of mix design and placement method, included in a lane-foot lot.

**715.5.3 Structures and Cast-in-Place Barrier**

- (1) The department will adjust pay for each lot using equation “QMP 2.01” as follows:

Percent within Limits (PWL)	Pay Adjustment (dollars per square yard)
>= 99 to 100	10
>= 90 to < 99	0
>= 50 to < 90	$(7/8 \times \text{PWL}) - 78.75$
< 50	-35

- (2) The department will not pay incentive if the lot standard deviation is greater than 350 psi.
- (3) For lots with less than 4 sublots, there is no incentive, but the department will assess a disincentive based on the individual subplot average strengths. The department will reduce pay for sublots with an average strength below 4000 psi by \$35 per cubic yard.

## ADDITIONAL SPECIAL PROVISION 7

### A. Reporting 1<sup>st</sup> Tier and DBE Payments During Construction

1. Comply with reporting requirements specified in the department's Civil Rights Compliance, Contractor's User Manual, Sublets and Payments.
2. Report payments to all DBE firms within 10 calendar days of receipt of a progress payment by the department or a contractor for work performed, materials furnished, or materials stockpiled by a DBE firm. Report the payment as specified in A(1) for all work satisfactorily performed and for all materials furnished or stockpiled.
3. Report payments to all first tier subcontractor relationships within 10 calendar days of receipt of a progress payment by the department for work performed. Report the payment as specified in A(1) for all work satisfactorily performed.
4. All tiers shall report payments as necessary to comply with the DBE payment requirement as specified in A(2).
5. DBE firms must enter all payments to DBE and non-DBE firms regardless of tier.
6. 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).
7. All agreements made by a contractor shall include the provisions in A(1), (2), (3), (4), (5), and (6), and shall be binding on all first tier subcontractor relationships, all contractors and subcontractors utilizing DBE firms on the project, and all payments from DBE firms.

### B. Costs for conforming to this special provision are incidental to the contract.

NOTE: CRCS Prime Contractor payment is currently not automated and will need to be manually loaded into the Civil Rights Compliance System. Copies of prime contractor payments received (check or ACH) will have to be forwarded to [paul.ndon@dot.wi.gov](mailto:paul.ndon@dot.wi.gov) within 5 days of payment receipt to be logged manually.

\*\*\*Additionally, for information on Subcontractor Sublet assignments, Subcontractor Payments and Payment Tracking, please refer to the CRCS Payment and Sublets manual at:

<https://wisconsindot.gov/Documents/doing-bus/civil-rights/labornwage/crcs-payments-sublets-manual.pdf>

## **ADDITIONAL SPECIAL PROVISION 9**

### **Electronic Certified Payroll or Labor Data Submittal**

- (1) Use the department's Civil Rights Compliance System (CRCS) to electronically submit certified payroll reports for contracts with federal funds and labor data for contracts with state funds only. Details are available online through the department's highway construction contractor information (HCCI) site on the Labor, Wages, and EEO Information page at:  
<https://wisconsindot.gov/Pages/doing-bus/civil-rights/labornwage/default.aspx>
- (2) Ensure that all tiers of subcontractors, including all trucking firms, either submit their weekly certified payroll reports (contracts with federal funds) or labor data (contracts with state funds only) electronically through CRCS. These payrolls or labor data are due within seven calendar days following the close of the payroll period. Every firm providing physical labor towards completing the project is a subcontractor under this special provision.
- (3) Upon receipt of contract execution, promptly make all affected firms aware of the requirements under this special provision and arrange for them to receive CRCS training as they are about to begin their submittals. The department will provide training either in a classroom setting at one of our regional offices or by telephone. Contact Paul Ndon at (414) 438-4584 to schedule the training.
- (4) The department will reject all paper submittals for information required under this special provision. All costs for conforming to this special provision are incidental to the contract.
- (5) Firms wishing to export payroll/labor data from their computer system into CRCS should have their payroll coordinator contact Paul Ndon at [paul.ndon@dot.wi.gov](mailto:paul.ndon@dot.wi.gov). Not every contractor's payroll system is capable of producing export files. For details, see Section 4.8 CPR Auto Submit (Data Mapping) on pages 49-50; 66-71 of the CRCS Payroll Manual at:  
<https://wisconsindot.gov/Documents/doing-bus/civil-rights/labornwage/crcs-payroll-manual.pdf>

## 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).

## BUY AMERICA PROVISION

Buy America (as documented in M-22-11 from the Office of Management and Budget: <https://www.whitehouse.gov/wp-content/uploads/2022/04/M-22-11.pdf>) shall be domestic products and permanently incorporated in this project as classified in the following three categories, and as noted in the Construction and Materials Manual (CMM):

### 1. Iron and Steel

All iron and steel manufacturing and coating processes (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 the iron and steel manufacturing and coating processes Buy America 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.

### 2. Manufactured Product

All manufactured products (as defined in CMM 228.5) are covered under a previous waiver from 1983, and are currently exempt from Buy America.

### 3. Construction Material

All construction materials (as defined in OMB M-22-11 and as referenced in CMM 228.5) must comply with Buy America. No exemptions (0.0%) are allowed.

The contractor shall take actions and provide documentation conforming to CMM 228.5 to ensure compliance with this Buy America provision.

<https://wisconsin.gov/rdwy/cmm/cm-02-28.pdf>

Upon completion of the project, certify to the engineer, in writing using department form DT4567 that all iron and steel, manufactured products, and construction materials conform to this Buy America provision.

Form DT4567 is available at: <https://wisconsin.gov/Documents/formdocs/dt4567.docx>

Attach a list of iron or steel exemptions and their associated costs to the certification form.



Proposal Schedule of Items

Proposal ID: 20230314003 Project(s): 1641-02-70, 1641-02-80, 3700-10-79

Federal ID(s): N/A, N/A, N/A

SECTION: 0001 Contract Items

Alt Set ID: Alt Mbr ID:

Proposal Line Number	Item ID Description	Approximate Quantity and Units	Unit Price	Bid Amount
0002	201.0120 Clearing	30.000 ID	_____.	_____.
0004	201.0220 Grubbing	30.000 ID	_____.	_____.
0006	204.0100 Removing Concrete Pavement	3,430.000 SY	_____.	_____.
0008	204.0110 Removing Asphaltic Surface	551.000 SY	_____.	_____.
0010	204.0130 Removing Curb	48.000 LF	_____.	_____.
0012	204.0150 Removing Curb & Gutter	956.000 LF	_____.	_____.
0014	204.0155 Removing Concrete Sidewalk	1,801.000 SY	_____.	_____.
0016	204.0195 Removing Concrete Bases	17.000 EACH	_____.	_____.
0018	204.0210 Removing Manholes	3.000 EACH	_____.	_____.
0020	204.0220 Removing Inlets	9.000 EACH	_____.	_____.
0022	204.0245 Removing Storm Sewer (size) 01. 12-Inch	369.000 LF	_____.	_____.
0024	204.0245 Removing Storm Sewer (size) 02. 18-Inch	474.000 LF	_____.	_____.
0026	205.0100 Excavation Common	3,300.000 CY	_____.	_____.
0028	211.0101 Prepare Foundation for Asphaltic Paving (project) 01. 1641-02-70	1.000 EACH	_____.	_____.
0030	213.0100 Finishing Roadway (project) 01. 1641-02-70	1.000 EACH	_____.	_____.
0032	305.0120 Base Aggregate Dense 1 1/4-Inch	2,192.000 TON	_____.	_____.



Proposal Schedule of Items

Proposal ID: 20230314003 Project(s): 1641-02-70, 1641-02-80, 3700-10-79

Federal ID(s): N/A, N/A, N/A

SECTION: 0001 Contract Items

Alt Set ID: Alt Mbr ID:

Proposal Line Number	Item ID Description	Approximate Quantity and Units	Unit Price	Bid Amount
0034	311.0110 Breaker Run	542.000 TON	_____.	_____.
0036	415.0080 Concrete Pavement 8-Inch	3,194.000 SY	_____.	_____.
0038	415.4100 Concrete Pavement Joint Filling	3,109.000 SY	_____.	_____.
0040	416.0160 Concrete Driveway 6-Inch	75.000 SY	_____.	_____.
0042	416.0610 Drilled Tie Bars	14.000 EACH	_____.	_____.
0044	416.0620 Drilled Dowel Bars	128.000 EACH	_____.	_____.
0046	450.4000 HMA Cold Weather Paving	19.000 TON	_____.	_____.
0048	455.0605 Tack Coat	80.000 GAL	_____.	_____.
0050	460.2000 Incentive Density HMA Pavement	200.000 DOL	1.00000	200.00
0052	460.5223 HMA Pavement 3 LT 58-28 S	11.000 TON	_____.	_____.
0054	460.5224 HMA Pavement 4 LT 58-28 S	7.000 TON	_____.	_____.
0056	460.6223 HMA Pavement 3 MT 58-28 S	83.000 TON	_____.	_____.
0058	460.6224 HMA Pavement 4 MT 58-28 S	35.000 TON	_____.	_____.
0060	465.0120 Asphaltic Surface Driveways and Field Entrances	64.000 TON	_____.	_____.
0062	465.0125 Asphaltic Surface Temporary	162.000 TON	_____.	_____.
0064	520.8000 Concrete Collars for Pipe	4.000 EACH	_____.	_____.





Proposal Schedule of Items

Proposal ID: 20230314003 Project(s): 1641-02-70, 1641-02-80, 3700-10-79

Federal ID(s): N/A, N/A, N/A

SECTION: 0001 Contract Items

Alt Set ID: Alt Mbr ID:

Proposal Line Number	Item ID Description	Approximate Quantity and Units	Unit Price	Bid Amount
0066	601.0110 Concrete Curb Type D	9.000 LF	_____.	_____.
0068	601.0342 Concrete Curb & Gutter Integral 18-Inch	803.000 LF	_____.	_____.
0070	601.0417 Concrete Curb & Gutter 30-Inch Type K	1,681.000 LF	_____.	_____.
0072	601.0419 Concrete Curb & Gutter 30-Inch Type L	118.000 LF	_____.	_____.
0074	602.0410 Concrete Sidewalk 5-Inch	11,424.000 SF	_____.	_____.
0076	602.0515 Curb Ramp Detectable Warning Field Natural Patina	72.000 SF	_____.	_____.
0078	608.0318 Storm Sewer Pipe Reinforced Concrete Class III 18-Inch	8.000 LF	_____.	_____.
0080	608.0412 Storm Sewer Pipe Reinforced Concrete Class IV 12-Inch	196.000 LF	_____.	_____.
0082	608.3012 Storm Sewer Pipe Class III-A 12-Inch	31.000 LF	_____.	_____.
0084	608.3018 Storm Sewer Pipe Class III-A 18-Inch	16.000 LF	_____.	_____.
0086	608.3024 Storm Sewer Pipe Class III-A 24-Inch	450.000 LF	_____.	_____.
0088	611.0420 Reconstructing Manholes	1.000 EACH	_____.	_____.
0090	611.0530 Manhole Covers Type J	4.000 EACH	_____.	_____.
0092	611.0612 Inlet Covers Type C	1.000 EACH	_____.	_____.
0094	611.0666 Inlet Covers Type Z	3.000 EACH	_____.	_____.
0096	611.1004 Catch Basins 4-FT Diameter	7.000 EACH	_____.	_____.



Proposal Schedule of Items

Proposal ID: 20230314003 Project(s): 1641-02-70, 1641-02-80, 3700-10-79

Federal ID(s): N/A, N/A, N/A

SECTION: 0001 Contract Items

Alt Set ID: Alt Mbr ID:

Proposal Line Number	Item ID Description	Approximate Quantity and Units	Unit Price	Bid Amount
0098	611.2004 Manholes 4-FT Diameter	1.000 EACH	_____.	_____.
0100	611.2005 Manholes 5-FT Diameter	3.000 EACH	_____.	_____.
0102	611.3003 Inlets 3-FT Diameter	1.000 EACH	_____.	_____.
0104	611.8110 Adjusting Manhole Covers	2.000 EACH	_____.	_____.
0106	612.0902.S Insulation Board Polystyrene (inch) 01. 2-Inch	9.000 SY	_____.	_____.
0108	618.0100 Maintenance And Repair of Haul Roads (project) 01. 1641-02-70	1.000 EACH	_____.	_____.
0110	619.1000 Mobilization 01. 1641-02-70	1.000 EACH	_____.	_____.
0112	620.0200 Concrete Median Blunt Nose	146.000 SF	_____.	_____.
0114	623.0200 Dust Control Surface Treatment	6,159.000 SY	_____.	_____.
0116	624.0100 Water	36.000 MGAL	_____.	_____.
0118	625.0100 Topsoil	977.000 SY	_____.	_____.
0120	628.1905 Mobilizations Erosion Control	5.000 EACH	_____.	_____.
0122	628.1910 Mobilizations Emergency Erosion Control	3.000 EACH	_____.	_____.
0124	628.2006 Erosion Mat Urban Class I Type A	584.000 SY	_____.	_____.
0126	628.7005 Inlet Protection Type A	21.000 EACH	_____.	_____.
0128	628.7015 Inlet Protection Type C	21.000 EACH	_____.	_____.



Proposal Schedule of Items

Proposal ID: 20230314003 Project(s): 1641-02-70, 1641-02-80, 3700-10-79

Federal ID(s): N/A, N/A, N/A

SECTION: 0001 Contract Items

Alt Set ID: Alt Mbr ID:

Proposal Line Number	Item ID Description	Approximate Quantity and Units	Unit Price	Bid Amount
0130	628.7560 Tracking Pads	4.000 EACH	_____.	_____.
0132	629.0210 Fertilizer Type B	1.000 CWT	_____.	_____.
0134	630.0140 Seeding Mixture No. 40	11.000 LB	_____.	_____.
0136	630.0200 Seeding Temporary	7.000 LB	_____.	_____.
0138	630.0500 Seed Water	3.000 MGAL	_____.	_____.
0140	631.0300 Sod Water	2.000 MGAL	_____.	_____.
0142	631.1000 Sod Lawn	393.000 SY	_____.	_____.
0144	634.0614 Posts Wood 4x6-Inch X 14-FT	3.000 EACH	_____.	_____.
0146	634.0616 Posts Wood 4x6-Inch X 16-FT	2.000 EACH	_____.	_____.
0148	634.0618 Posts Wood 4x6-Inch X 18-FT	1.000 EACH	_____.	_____.
0150	637.2210 Signs Type II Reflective H	86.210 SF	_____.	_____.
0152	637.2230 Signs Type II Reflective F	12.200 SF	_____.	_____.
0154	638.2602 Removing Signs Type II	17.000 EACH	_____.	_____.
0156	638.3000 Removing Small Sign Supports	3.000 EACH	_____.	_____.
0158	642.5401 Field Office Type D	1.000 EACH	_____.	_____.
0160	643.0300 Traffic Control Drums	16,453.000 DAY	_____.	_____.
0162	643.0410 Traffic Control Barricades Type II	917.000 DAY	_____.	_____.



Proposal Schedule of Items

Proposal ID: 20230314003 Project(s): 1641-02-70, 1641-02-80, 3700-10-79

Federal ID(s): N/A, N/A, N/A

SECTION: 0001 Contract Items

Alt Set ID: Alt Mbr ID:

Proposal Line Number	Item ID Description	Approximate Quantity and Units	Unit Price	Bid Amount
0164	643.0420 Traffic Control Barricades Type III	2,369.000 DAY	_____.	_____.
0166	643.0500 Traffic Control Flexible Tubular Marker Posts	9.000 EACH	_____.	_____.
0168	643.0600 Traffic Control Flexible Tubular Marker Bases	9.000 EACH	_____.	_____.
0170	643.0705 Traffic Control Warning Lights Type A	5,656.000 DAY	_____.	_____.
0172	643.0715 Traffic Control Warning Lights Type C	4,954.000 DAY	_____.	_____.
0174	643.0800 Traffic Control Arrow Boards	495.000 DAY	_____.	_____.
0176	643.0900 Traffic Control Signs	10,335.000 DAY	_____.	_____.
0178	643.0920 Traffic Control Covering Signs Type II	2.000 EACH	_____.	_____.
0180	643.1050 Traffic Control Signs PCMS	200.000 DAY	_____.	_____.
0182	643.3105 Temporary Marking Line Paint 4-Inch	3,239.000 LF	_____.	_____.
0184	643.3150 Temporary Marking Line Removable Tape 4-Inch	11,805.000 LF	_____.	_____.
0186	643.3205 Temporary Marking Line Paint 8-Inch	102.000 LF	_____.	_____.
0188	643.3250 Temporary Marking Line Removable Tape 8-Inch	1,492.000 LF	_____.	_____.
0190	643.3850 Temporary Marking Stop Line Removable Tape 18-Inch	58.000 LF	_____.	_____.
0192	643.5000 Traffic Control	1.000 EACH	_____.	_____.



Proposal Schedule of Items

Proposal ID: 20230314003 Project(s): 1641-02-70, 1641-02-80, 3700-10-79

Federal ID(s): N/A, N/A, N/A

SECTION: 0001 Contract Items

Alt Set ID: Alt Mbr ID:

Proposal Line Number	Item ID Description	Approximate Quantity and Units	Unit Price	Bid Amount
0194	644.1410 Temporary Pedestrian Surface Asphalt	110.000 SF	_____.	_____.
0196	644.1601 Temporary Pedestrian Curb Ramp	334.000 DAY	_____.	_____.
0198	644.1605 Temporary Pedestrian Detectable Warning Field	44.000 SF	_____.	_____.
0200	644.1810 Temporary Pedestrian Barricade	1,139.000 LF	_____.	_____.
0202	646.1040 Marking Line Grooved Wet Ref Epoxy 4-Inch	2,130.000 LF	_____.	_____.
0204	646.3040 Marking Line Grooved Wet Ref Epoxy 8-Inch	473.000 LF	_____.	_____.
0206	646.5305 Marking Railroad Crossing Paint	2.000 EACH	_____.	_____.
0208	646.6464 Cold Weather Marking Epoxy 4-Inch	2,130.000 LF	_____.	_____.
0210	646.6468 Cold Weather Marking Epoxy 8-Inch	473.000 LF	_____.	_____.
0212	646.8220 Marking Island Nose Epoxy	2.000 EACH	_____.	_____.
0214	646.9010 Marking Removal Line Water Blasting 4-Inch	3,753.000 LF	_____.	_____.
0216	646.9110 Marking Removal Line Water Blasting 8-Inch	327.000 LF	_____.	_____.
0218	646.9210 Marking Removal Line Water Blasting Wide	11.000 LF	_____.	_____.
0220	646.9310 Marking Removal Special Marking Water Blasting	1.000 EACH	_____.	_____.
0222	650.4500 Construction Staking Subgrade	1,124.000 LF	_____.	_____.



Proposal Schedule of Items

Proposal ID: 20230314003 Project(s): 1641-02-70, 1641-02-80, 3700-10-79

Federal ID(s): N/A, N/A, N/A

SECTION: 0001 Contract Items

Alt Set ID: Alt Mbr ID:

Proposal Line Number	Item ID Description	Approximate Quantity and Units	Unit Price	Bid Amount
0224	650.5000 Construction Staking Base	39.000 LF	_____.	_____.
0226	650.5500 Construction Staking Curb Gutter and Curb & Gutter	127.000 LF	_____.	_____.
0228	650.7000 Construction Staking Concrete Pavement	1,124.000 LF	_____.	_____.
0230	650.8501 Construction Staking Electrical Installations (project) 01. 1641-02-70	1.000 EACH	_____.	_____.
0232	650.9000 Construction Staking Curb Ramps	6.000 EACH	_____.	_____.
0234	650.9500 Construction Staking Sidewalk (project) 01. 1641-02-70	1.000 EACH	_____.	_____.
0236	650.9500 Construction Staking Sidewalk (project) 03. 3700-10-79	1.000 EACH	_____.	_____.
0238	650.9911 Construction Staking Supplemental Control (project) 01. 1641-02-70	1.000 EACH	_____.	_____.
0240	650.9911 Construction Staking Supplemental Control (project) 03. 3700-10-79	1.000 EACH	_____.	_____.
0242	650.9920 Construction Staking Slope Stakes	1,163.000 LF	_____.	_____.
0244	652.0225 Conduit Rigid Nonmetallic Schedule 40 2-Inch	1,213.000 LF	_____.	_____.
0246	652.0235 Conduit Rigid Nonmetallic Schedule 40 3-Inch	312.000 LF	_____.	_____.
0248	652.0605 Conduit Special 2-Inch	87.000 LF	_____.	_____.
0250	652.0615 Conduit Special 3-Inch	716.000 LF	_____.	_____.



Proposal Schedule of Items

Proposal ID: 20230314003 Project(s): 1641-02-70, 1641-02-80, 3700-10-79

Federal ID(s): N/A, N/A, N/A

SECTION: 0001 Contract Items

Alt Set ID: Alt Mbr ID:

Proposal Line Number	Item ID Description	Approximate Quantity and Units	Unit Price	Bid Amount
0252	652.0700.S Install Conduit into Existing Item	5.000 EACH	_____.	_____.
0254	652.0800 Conduit Loop Detector	60.000 LF	_____.	_____.
0256	653.0140 Pull Boxes Steel 24x42-Inch	8.000 EACH	_____.	_____.
0258	653.0164 Pull Boxes Non-Conductive 24x42-Inch	3.000 EACH	_____.	_____.
0260	653.0905 Removing Pull Boxes	10.000 EACH	_____.	_____.
0262	654.0101 Concrete Bases Type 1	6.000 EACH	_____.	_____.
0264	654.0105 Concrete Bases Type 5	5.000 EACH	_____.	_____.
0266	654.0110 Concrete Bases Type 10	2.000 EACH	_____.	_____.
0268	654.0120 Concrete Bases Type 10-Special	2.000 EACH	_____.	_____.
0270	654.0217 Concrete Control Cabinet Bases Type 9 Special	1.000 EACH	_____.	_____.
0272	655.0230 Cable Traffic Signal 5-14 AWG	222.000 LF	_____.	_____.
0274	655.0240 Cable Traffic Signal 7-14 AWG	1,681.000 LF	_____.	_____.
0276	655.0260 Cable Traffic Signal 12-14 AWG	747.000 LF	_____.	_____.
0278	655.0320 Cable Type UF 2-10 AWG Grounded	910.000 LF	_____.	_____.
0280	655.0515 Electrical Wire Traffic Signals 10 AWG	1,559.000 LF	_____.	_____.
0282	655.0610 Electrical Wire Lighting 12 AWG	6,374.000 LF	_____.	_____.



Proposal Schedule of Items

Proposal ID: 20230314003 Project(s): 1641-02-70, 1641-02-80, 3700-10-79

Federal ID(s): N/A, N/A, N/A

SECTION: 0001 Contract Items

Alt Set ID: Alt Mbr ID:

Proposal Line Number	Item ID Description	Approximate Quantity and Units	Unit Price	Bid Amount
0284	655.0800 Loop Detector Wire	190.000 LF	_____.	_____.
0286	655.0900 Traffic Signal EVP Detector Cable	549.000 LF	_____.	_____.
0288	656.0201 Electrical Service Meter Breaker Pedestal (location) 01. USH 14/61 (South Ave) & Green Bay St/Sims Pl	1.000 EACH	_____.	_____.
0290	657.0100 Pedestal Bases	8.000 EACH	_____.	_____.
0292	657.0255 Transformer Bases Breakaway 11 1/2-Inch Bolt Circle	5.000 EACH	_____.	_____.
0294	657.0322 Poles Type 5-Aluminum	5.000 EACH	_____.	_____.
0296	657.0425 Traffic Signal Standards Aluminum 15-FT	4.000 EACH	_____.	_____.
0298	657.0430 Traffic Signal Standards Aluminum 10-FT	4.000 EACH	_____.	_____.
0300	657.0710 Luminaire Arms Truss Type 4 1/2-Inch Clamp 12-FT	5.000 EACH	_____.	_____.
0302	658.0173 Traffic Signal Face 3S 12-Inch	6.000 EACH	_____.	_____.
0304	658.0175 Traffic Signal Face 5S 12-Inch	8.000 EACH	_____.	_____.
0306	658.0416 Pedestrian Signal Face 16-Inch	8.000 EACH	_____.	_____.
0308	658.0500 Pedestrian Push Buttons	8.000 EACH	_____.	_____.
0310	658.5070 Signal Mounting Hardware (location) 01. US 14/61 (South Ave) & Green Bay St/Sims Pl	1.000 EACH	_____.	_____.
0312	659.1115 Luminaires Utility LED A	5.000 EACH	_____.	_____.





Proposal Schedule of Items

Proposal ID: 20230314003 Project(s): 1641-02-70, 1641-02-80, 3700-10-79

Federal ID(s): N/A, N/A, N/A

SECTION: 0001 Contract Items

Alt Set ID: Alt Mbr ID:

Proposal Line Number	Item ID Description	Approximate Quantity and Units	Unit Price	Bid Amount
0314	659.1125 Luminaires Utility LED C	4.000 EACH	_____.	_____.
0316	659.5000.S Lamp, Ballast, LED, Switch Disposal by Contractor	44.000 EACH	_____.	_____.
0318	661.0201 Temporary Traffic Signals for Intersections (location) 01. USH 14 & Green Bay St	1.000 EACH	_____.	_____.
0320	690.0150 Sawing Asphalt	329.000 LF	_____.	_____.
0322	690.0250 Sawing Concrete	408.000 LF	_____.	_____.
0324	715.0720 Incentive Compressive Strength Concrete Pavement	935.000 DOL	1.00000	935.00
0326	740.0440 Incentive IRI Ride	510.000 DOL	1.00000	510.00
0328	801.0117 Railroad Flagging Reimbursement	6,000.000 DOL	1.00000	6,000.00
0330	SPV.0060 Special 01. Inlet Covers Type B	3.000 EACH	_____.	_____.
0332	SPV.0060 Special 02. Inlet Covers Type Z SP	1.000 EACH	_____.	_____.
0334	SPV.0060 Special 03. Black Paint Posts Wood 4X6-Inch X 14-FT	3.000 EACH	_____.	_____.
0336	SPV.0060 Special 04. Black Paint Posts Wood 4X6-Inch X 16-FT	2.000 EACH	_____.	_____.
0338	SPV.0060 Special 05. Black Paint Posts Wood 4X6-Inch X 18-FT	1.000 EACH	_____.	_____.
0340	SPV.0060 Special 06. Black Paint Transformer Bases Breakaway 11 1/2-Inch Bolt Circle	5.000 EACH	_____.	_____.



Proposal Schedule of Items

Proposal ID: 20230314003 Project(s): 1641-02-70, 1641-02-80, 3700-10-79

Federal ID(s): N/A, N/A, N/A

SECTION: 0001 Contract Items

Alt Set ID: Alt Mbr ID:

Proposal Line Number	Item ID Description	Approximate Quantity and Units	Unit Price	Bid Amount
0342	SPV.0060 Special 07. Black Paint Poles Type 5-Aluminum	5.000 EACH	_____.	_____.
0344	SPV.0060 Special 08. Black Paint Luminaire Arms Truss Member 4.5-Inch Clamp 12-FT	5.000 EACH	_____.	_____.
0346	SPV.0060 Special 09. Black Paint Luminaire Utility LED Category A	5.000 EACH	_____.	_____.
0348	SPV.0060 Special 10. Marking Arrow Grooved Epoxy	11.000 EACH	_____.	_____.
0350	SPV.0060 Special 11. Marking Word Grooved Epoxy	4.000 EACH	_____.	_____.
0352	SPV.0060 Special 12. Marking Railroad Crossing Grooved Epoxy	4.000 EACH	_____.	_____.
0354	SPV.0060 Special 13. Removing Lighting Units	6.000 EACH	_____.	_____.
0356	SPV.0060 Special 14. Temporary Connection To Storm Sewer	4.000 EACH	_____.	_____.
0358	SPV.0060 Special 20. Corporation Stop 1-Inch	3.000 EACH	_____.	_____.
0360	SPV.0060 Special 21. Curb Stop 1-Inch	3.000 EACH	_____.	_____.
0362	SPV.0060 Special 22. Hydrant	1.000 EACH	_____.	_____.
0364	SPV.0060 Special 23. Hydrant Control Valve 6-Inch	2.000 EACH	_____.	_____.
0366	SPV.0060 Special 24. Salvage & Re-Install Hydrant	1.000 EACH	_____.	_____.
0368	SPV.0060 Special 25. Connect to Existing 8-Inch Water Main	2.000 EACH	_____.	_____.
0370	SPV.0060 Special 26. Reducers 12 To 8-Inch	1.000 EACH	_____.	_____.



Proposal Schedule of Items

Proposal ID: 20230314003 Project(s): 1641-02-70, 1641-02-80, 3700-10-79

Federal ID(s): N/A, N/A, N/A

SECTION: 0001 Contract Items

Alt Set ID: Alt Mbr ID:

Proposal Line Number	Item ID Description	Approximate Quantity and Units	Unit Price	Bid Amount
0372	SPV.0060 Special 27. Tees 12X8-Inch	1.000 EACH	_____.	_____.
0374	SPV.0060 Special 28. Tees 12X6-Inch	2.000 EACH	_____.	_____.
0376	SPV.0060 Special 29. 22.5 Degree Bends 8-Inch	2.000 EACH	_____.	_____.
0378	SPV.0060 Special 30. 45 Degree Bends 8-Inch	3.000 EACH	_____.	_____.
0380	SPV.0060 Special 31. R.S. Wedge Valve 12-Inch	2.000 EACH	_____.	_____.
0382	SPV.0060 Special 32. R.S. Wedge Valve 8-Inch	1.000 EACH	_____.	_____.
0384	SPV.0060 Special 33. Nitrile Gasket 12-Inch	5.000 EACH	_____.	_____.
0386	SPV.0060 Special 34. Nitrile Gasket 6-Inch	2.000 EACH	_____.	_____.
0388	SPV.0060 Special 35. Nitrile Gasket Hydrant Lead 6-Inch	4.000 EACH	_____.	_____.
0390	SPV.0060 Special 36. 24-Inch Water Main Casing	1.000 EACH	_____.	_____.
0392	SPV.0060 Special 37. Construction Staking Water Main System	1.000 EACH	_____.	_____.
0394	SPV.0060 Special 40. Posts Steel U-Channel 14-FT	4.000 EACH	_____.	_____.
0396	SPV.0060 Special 41. Install V-Loc Post Anchors	4.000 EACH	_____.	_____.
0398	SPV.0060 Special 42. Remove, Salvage and Reinstall Sign	4.000 EACH	_____.	_____.
0400	SPV.0060 Special 43. Transport and Install Poles Type 10 Black	1.000 EACH	_____.	_____.



Proposal Schedule of Items

Proposal ID: 20230314003 Project(s): 1641-02-70, 1641-02-80, 3700-10-79

Federal ID(s): N/A, N/A, N/A

SECTION: 0001 Contract Items

Alt Set ID: Alt Mbr ID:

Proposal Line Number	Item ID Description	Approximate Quantity and Units	Unit Price	Bid Amount
0402	SPV.0060 Special 44. Transport and Install Poles Type 10 Special Black	3.000 EACH	_____.	_____.
0404	SPV.0060 Special 45. Transport and Install Monotube Arms 30-FT Black	1.000 EACH	_____.	_____.
0406	SPV.0060 Special 46. Transport and Install Monotube Arms 35-FT Special Black	1.000 EACH	_____.	_____.
0408	SPV.0060 Special 47. Transport and Install Monotube Arms 40-FT Special Black	2.000 EACH	_____.	_____.
0410	SPV.0060 Special 48. Transport and Install Luminaire Arms Steel 15-FT Black	4.000 EACH	_____.	_____.
0412	SPV.0060 Special 49. Remove and Salvage Traffic Signals	1.000 EACH	_____.	_____.
0414	SPV.0060 Special 50. Transport and Install Traffic Signal Cabinet and Battery Backup Unit Black	1.000 EACH	_____.	_____.
0416	SPV.0060 Special 51. Transport & Install Video Detection System	1.000 EACH	_____.	_____.
0418	SPV.0060 Special 52. Remove, Salvage and Reinstall EVP Equipment	1.000 EACH	_____.	_____.
0420	SPV.0060 Special 53. Relocate System Lighting Wiring	1.000 EACH	_____.	_____.
0422	SPV.0060 Special 54. Disconnect, Salvage & Reinstall Traffic Signal Interconnect	1.000 EACH	_____.	_____.
0424	SPV.0060 Special 60. Cold Weather Marking Arrow Epoxy	11.000 EACH	_____.	_____.
0426	SPV.0060 Special 61. Cold Weather Marking Word Epoxy	4.000 EACH	_____.	_____.



Proposal Schedule of Items

Proposal ID: 20230314003 Project(s): 1641-02-70, 1641-02-80, 3700-10-79

Federal ID(s): N/A, N/A, N/A

SECTION: 0001 Contract Items

Alt Set ID: Alt Mbr ID:

Proposal Line Number	Item ID Description	Approximate Quantity and Units	Unit Price	Bid Amount
0428	SPV.0090 Special 01. Marking Stop Line Grooved Epoxy 18-Inch	126.000 LF	_____.	_____.
0430	SPV.0090 Special 02. Marking Crosswalk Grooved Epoxy Transverse 12-Inch	34.000 LF	_____.	_____.
0432	SPV.0090 Special 03. Reinforced Concrete Curb & Gutter	84.000 LF	_____.	_____.
0434	SPV.0090 Special 10. Copper Water Service 1-Inch	39.000 LF	_____.	_____.
0436	SPV.0090 Special 11. Ductile Iron Hydrant Lead 6-Inch	63.000 LF	_____.	_____.
0438	SPV.0090 Special 12. Abandon Water Main	244.000 LF	_____.	_____.
0440	SPV.0090 Special 13. Ductile Iron Water Main 12-Inch	402.000 LF	_____.	_____.
0442	SPV.0090 Special 14. Ductile Iron Water Main 8-Inch	174.000 LF	_____.	_____.
0444	SPV.0090 Special 20. Cold Weather Marking Epoxy 12-Inch	34.000 LF	_____.	_____.
0446	SPV.0090 Special 21. Cold Weather Marking Epoxy 18-Inch	126.000 LF	_____.	_____.
<b>Section: 0001</b>			<b>Total:</b>	_____.
			<b>Total Bid:</b>	_____.

**PLEASE ATTACH ADDENDA HERE**



## Wisconsin Department of Transportation

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February 21, 2023

**Division of Transportation Systems  
Development**

Bureau of Project Development  
4822 Madison Yards Way, 4<sup>th</sup> Floor South  
Madison, WI 53705

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

### NOTICE TO ALL CONTRACTORS:

**Proposal #03: 1641-02-70**

**C La Crosse, South Avenue  
Green Bay St to 0.16 Miles Easterly  
USH 14  
La Crosse County**

**1641-02-80**

**C La Crosse, South Avenue  
Green Bay St to 0.16 Miles Easterly  
USH 14  
La Crosse County**

**3700-10-79**

**C La Crosse, South Avenue  
Green Bay St and South Ave  
USH 14  
La Crosse County**

### Letting of March 14, 2023

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

The proposal cover sheet currently shows the Assigned Disadvantaged Business Enterprise Goal as 2%. There are no federal funds on these projects. The Assigned Disadvantaged Business Enterprise Goal is being set to 0%.

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

