

# HIGHWAY WORK PROPOSAL

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

Proposal Number: **016**

<u>COUNTY</u>	<u>STATE PROJECT</u>	<u>FEDERAL</u>	<u>PROJECT DESCRIPTION</u>	<u>HIGHWAY</u>
Statewide	1000-20-63	N/A	Ancillary Struct Rehab/Replace 2021; Locations On Stn Per Annual Plan	VAR HWY

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: \$20,000.00 Payable to: Wisconsin Department of Transportation	Attach Proposal Guaranty on back of this PAGE.
Bid Submittal Date: January 12, 2021 Time (Local Time): 11:00 am	Firm Name, Address, City, State, Zip Code
Contract Completion Time December 01, 2021	<b>SAMPLE</b> <b>NOT FOR BIDDING PURPOSES</b>
Assigned Disadvantaged Business Enterprise Goal 0%	This contract is exempt from federal oversight.

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

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

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

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

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

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

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

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

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

Notary Seal

Type of Work: Ancillary Structure Rehab & Replacement	For Department Use Only
Notice of Award Dated	Date Guaranty Returned

**PLEASE ATTACH  
PROPOSAL GUARANTY HERE**

**Effective with November 2007 Letting**

## **PROPOSAL REQUIREMENTS AND CONDITIONS**

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

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

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

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

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

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

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

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

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

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

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

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

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

## **Effective with August 2015 Letting**

### **BID PREPARATION**

#### **Preparing the Proposal Schedule of Items**

##### **A General**

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

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

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

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

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

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

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

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

##### **B Submitting Electronic Bids**

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

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

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

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

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

**Bidder Name**

**BN00**

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

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

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

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

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

# PROPOSAL BID BOND

DT1303 1/2006

Wisconsin Department of Transportation

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

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

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

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

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

## PRINCIPAL

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

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

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

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

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

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

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

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

## NOTARY FOR PRINCIPAL

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

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

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

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

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

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

**Notary Seal**

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

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

## NOTARY FOR SURETY

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

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

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

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

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

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

**Notary Seal**

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

# CERTIFICATE OF ANNUAL BID BOND

DT1305 8/2003

Wisconsin Department of Transportation

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

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

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

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

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

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



## March 2010

## LIST OF SUBCONTRACTORS

Section 66.0901(7), Wisconsin Statutes, provides that as a part of the proposal, the bidder also shall submit a list of the subcontractors the bidder proposes to contract with and the class of work to be performed by each. In order to qualify for inclusion in the bidder's list a subcontractor shall first submit a bid in writing, to the general contractor at least 48 hours prior to the time of the bid closing. The list may not be added to or altered without the written consent of the municipality. A proposal of a bidder is not invalid if any subcontractor and the class of work to be performed by the subcontractor has been omitted from a proposal; the omission shall be considered inadvertent or the bidder will perform the work personally.

No subcontract, whether listed herein or later proposed, may be entered into without the written consent of the Engineer as provided in Subsection 108.1 of the Standard Specifications.

[illegible]

**DECEMBER 2000**

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

Instructions for Certification

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

modification, in all lower tier covered transactions and in all solicitations for lower tier covered transactions.

8. The contractor may rely upon a certification of a prospective subcontractor/materials supplier that it is not debarred, suspended, ineligible, or voluntarily excluded from the covered transaction, unless it knows that the certification is erroneous. A contractor may decide the method and frequency by which it determines the eligibility of its principals. Each contractor may, but is not required to, check the Disapproval List (telephone # 608/266/1631).
9. Nothing contained in the foregoing shall be construed to require establishment of a system of records in order to render in good faith the certification required by this clause. The knowledge and information of a contractor is not required to exceed that which is normally possessed by a prudent person in the ordinary course of business dealings.
10. Except for transactions authorized under paragraph 6 of these instructions, if a contractor in a covered transaction knowingly enters into a lower tier covered transaction with a person who is suspended, debarred, ineligible or voluntarily excluded from participation in this transaction, in addition to other remedies available to the Federal Government, the department may terminate this transaction for cause or default.

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

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

## Special Provisions

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**SPECIAL PROVISIONS**

**1. General.**

Perform the work under this construction contract for Project 1000-20-63, Ancillary Struct Rehab/Replacement 2021, Locations on STN Per Annual Plan, Various Highways, Statewide, Wisconsin as the plans show and execute the work as specified in the State of Wisconsin, Department of Transportation, Standard Specifications for Highway and Structure Construction, 2021 Edition, as published by the department, and these special provisions.

If all or a portion of the plans and special provisions are developed in the SI metric system and the schedule of prices is developed in the US standard measure system, the department will pay for the work as bid in the US standard system.

100-005 (20200629)

**2. Scope of Work.**

The work under this contract shall consist of ancillary sign structure rehabilitation or replacement 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.

Prior to beginning of construction operations, submit your method of handling traffic, in writing, to the engineer and obtain approval from the engineer for your proposed method.

The engineer may suspend all operations in the event of an extremely hazardous situation.

At no time conduct construction operations in the median area and adjacent outside shoulder area, or ramp areas at the same time.

All existing sign structures shall remain in operation until replacement sign structure is in full operation. At no time shall the existing structure be removed prior to full operation of replacement structure.

**4. Lane Rental Fee Assessment.**

**A General**

The contract designates some lane closures to perform the work. The contractor will not incur a Lane Rental Fee Assessment for closing lanes during the allowable lane closure times. The contractor will incur a Lane Rental Fee Assessment for each lane closure outside of the allowable lane closure times. If a lane is obstructed at any time due to contractor operations, it is considered a closure. The purpose of lane rental is to enforce compliance of lane restrictions and discourage unnecessary closures.

The allowable lane closure times are shown in the Traffic article.

Submit the dates of the proposed lane, ramp, and roadway restrictions to the engineer as part of the progress schedule.

Coordinate lane, ramp, and roadway closures with any concurrent operations on adjacent roadways within 3 miles of the project. If other projects are in the vicinity of this project, coordinate lane closures to

run concurrent with lane closures on adjacent projects when possible. When lane closures on adjacent projects extend into the limits of this project, Lane Rental Fee Assessments will only occur if the closure facilitates work under this contract.

### **A.1 Lane Rental Fee Assessment**

The Lane Rental Fee Assessment incurred for each lane closure, each ramp closure, and each full closure of a roadway, per direction of travel, is as follows:

- \$6000 per lane per hour broken into 15 minute increments

The Lane Rental Fee Assessment represents a portion of the cost of the interference and inconvenience to the road users for each closure. All lane, roadway, or ramp closure event increments 15 minutes and less will be assessed as a 15-minute increment.

The engineer, or designated representative, will be the sole authority in determining time period length for the Lane Rental Fee Assessment.

Lane Rental Fee Assessments will not be assessed for closures due to crashes, accidents, or emergencies not initiated by the contractor.

The department will assess Lane Rental Fee Assessment by the dollar under the administrative item. Failing to Open Road to Traffic. The total dollar amount of Lane Rental Fee Assessment will be computed by multiplying the Lane Rental Assessment Rate by the number of 15-minute increments of each lane closure event as described above.

Lane Rental Fee Assessment will be in effect from the time of the Notice to Proceed until the department issues final acceptance. If interim completion time or contract time expires before the completion of specified work in the contract, additional liquidated damages will be assessed as specified in standard spec 108.11 or as specified within this contract.

stp-108-065 (20161130)

## **5. Traffic**

At no time, lift or erect signs over live traffic lanes.

Only take lane, shoulder, or ramp closures during off-peak or night time hours as shown below. Restrictions are broken out by county. All closures should be requested through the engineer. If there is a facility not shown, ask engineer for allowable closure timeframes.

### **Milwaukee County Freeway Closure Restrictions**

#### **Weekday Peak Hours**

- 5:30 AM – 9:30 PM Monday, Tuesday, Wednesday, Thursday [2-3 Lane Segments]
- 5:30 AM – 7:00 PM Monday, Tuesday, Wednesday, Thursday [4 Lane Segments]
- 5:30 AM – 11:00 PM Friday [All Lane Segments]

#### **Weekend Peak Hours**

- 8:00 AM – 11:00 PM Saturday [All Segments]
- 8:00 AM – 9:30 PM Sunday [2-3 Lane Segments]
- 8:00 AM – 7:00 PM Sunday [4 Lane Segments]

#### **Weekday Off-Peak Hours**

- 9:30 PM – 11:00 PM Monday, Tuesday, Wednesday, Thursday [2-3 Lane Segments]
- 7:00 PM – 9:30 PM Monday, Tuesday, Wednesday, Thursday [4 Lane Segments]

#### **Weekend Off-Peak Hours**

- 9:30 PM – 11:00 PM Sunday [2-3 Lane Segments]
- 7:00 PM – 9:30 PM Sunday [4 Lane Segments]

**Night Time Hours**

- 11:00 PM – 5:30 AM (Sunday PM to Monday AM, Monday PM to Tuesday AM, Tuesday PM to Wednesday AM, Wednesday PM to Thursday AM, Thursday PM to Friday AM) [2-3 Lane Segments]
- 9:30 PM – 5:30 AM (Sunday PM to Monday AM, Monday PM to Tuesday AM, Tuesday PM to Wednesday AM, Wednesday PM to Thursday AM, Thursday PM to Friday AM) [4 Lane Segments]
- 11:00 PM – 8:00 AM (Friday PM to Saturday AM, Saturday PM to Sunday AM) [All Segments]

**Service Ramps Closure Hours**

- 9:00 PM – 6:00 AM (Sunday PM to Monday AM, Monday PM to Tuesday AM, Tuesday PM to Wednesday AM, Wednesday PM to Thursday AM, Thursday PM to Friday AM)
- 10:30 PM – 8:30 AM (Friday PM to Saturday AM, Saturday PM to Sunday AM)

Do not close freeway lanes or shoulders (including auxiliary lanes, system ramps, service ramps and CD roadway system) and ensure the roadway is entirely clear for traffic during Weekday Peak Hours and Weekend Peak Hours.

One freeway lane and/or shoulder may be closed on the freeway and system ramps, during Weekday Off-Peak hours and Weekend Off-Peak Hours but it must be approved by the engineer.

**Kenosha County Freeway Closure Restrictions****Weekday Peak Hours**

- 5:30 AM – 9:00 AM Monday, Tuesday, Wednesday, Thursday
- 2:00 PM – 6:00 PM Monday, Tuesday, Wednesday, Thursday
- 5:30 AM – 7:00 PM Friday

**Weekend Peak Hours**

- 9:00 AM – 7:00 PM Saturday
- 9:00 AM – 9:30 PM Sunday

**Weekday Off-Peak Hours (1) [1-lane Closures]**

- 9:00 AM – 2:00 PM Monday, Tuesday, Wednesday, Thursday
- 7:00 PM – 9:30 PM Friday

**Weekday Off-Peak Hours (2) [2-lane Closures]**

- 6:00 PM – 9:30 PM Monday, Tuesday, Wednesday, Thursday
- 9:30 PM – 11:00 PM Friday

**Weekend Off-Peak Hours (1) [1-lane Closures]**

- 7:00 PM – 9:30 PM Sunday

**Weekend Off-Peak Hours (2) [2-lane Closures]**

- 7:00 AM – 9:00 AM Saturday, Sunday
- 7:00 PM – 9:30 PM Saturday

**Night Time Hours [3-lane Closures]**

- 9:30 PM – 5:30 AM (Sunday PM to Monday AM, Monday PM to Tuesday AM, Tuesday PM to Wednesday AM, Wednesday PM to Thursday AM, Thursday PM to Friday AM)
- 11:00 PM – 7:00 AM (Friday PM to Saturday AM, Saturday PM to Sunday AM)

### **Service Ramps Closure Hours**

- 9:00 PM – 6:00 AM (Sunday PM to Monday AM, Monday PM to Tuesday AM, Tuesday PM to Wednesday AM, Wednesday PM to Thursday AM, Thursday PM to Friday AM)
- 10:30 PM – 7:30 AM (Friday PM to Saturday AM, Saturday PM to Sunday AM)

All lanes of the freeway shall be entirely clear and open to traffic at all times, except as permitted herein:

- 1-lane and 2-lane closures are permitted during off-peak hours as specified with approval of the engineer
- 3-lane closures are permitted during night-time hours as specified with approval of the engineer.

### **Waukesha County Ramp Closure Restrictions**

#### **Service Ramps Closure Hours**

- 8:00 PM – 6:00 AM (Monday PM to Tuesday AM, Tuesday PM to Wednesday AM, Wednesday PM to Thursday AM, Thursday PM to Friday AM)
- 8:30 PM – 8:30 AM (Friday PM to Saturday AM, Saturday PM to Sunday AM)
- 8:30 PM – 6:00 AM (Sunday PM to Monday AM)

Do not close ramps, ramp lanes or shoulders (including auxiliary lanes, system ramps and service ramps) during any other times unless approved by the engineer.

### **Dane County Freeway Closure Restrictions**

#### **Weekday/Weekend Peak Hours**

- 6:00 AM – 9:00 AM Monday, Tuesday, Wednesday, Thursday, Friday
- 3:00 PM – 7:00 PM Monday, Tuesday, Wednesday, Thursday
- 12:00 PM Friday through to 10:00 PM Sunday

#### **Weekday/Weekend Off-Peak Hours**

- 9:00 AM – 3:00 PM Monday, Tuesday, Wednesday, Thursday
- 9:00 AM – 12:00 PM Friday

#### **Night Time Hours**

- 10:00 PM – 6:00 AM (Sunday PM to Monday AM)
- 7:00 PM – 6:00 AM (Monday PM to Tuesday AM, Tuesday PM to Wednesday AM, Wednesday PM to Thursday AM, Thursday PM to Friday AM)

#### **Service Ramps Closure Hours**

- 10:00 PM – 5:00 AM (Sunday PM to Monday AM, Monday PM to Tuesday AM, Tuesday PM to Wednesday AM, Wednesday PM to Thursday AM, Thursday PM to Friday AM)

Do not close freeway lanes or shoulders (including auxiliary lanes, system ramps, service ramps and CD roadway system) and ensure the roadway is entirely clear for traffic during Weekday Peak Hours and Weekend Peak Hours. Weekends are restricted for closures due to high recreational traffic. No closures of any kind should be taken on days when there is a Wisconsin Badger Football home game.

One freeway lane and/or shoulder may be closed on the freeway and system ramps, during Weekday Off-Peak hours, but it must be approved by the engineer.

Any overnight ramp closures shall be coordinated with Madison Metro at least a week in advance for any ramps that may affect their routes (<https://www.cityofmadison.com/metro/routes-schedules>).

### **State Highway/Local Road Lane Closure Restrictions**

Dane, Kenosha, Manitowoc, Milwaukee, Ozaukee, Racine, Walworth, Washington, Waukesha

### Weekday/Weekend Peak Hours

- 6:00 AM – 9:00 AM (Monday, Tuesday, Wednesday, Thursday, Friday, Saturday, Sunday)
- 4:00 PM – 6:00 PM (Monday, Tuesday, Wednesday, Thursday, Friday, Saturday, Sunday)

### Weekday/Weekend Off-Peak Hours

- 9:00 AM – 4:00 PM Monday, Tuesday, Wednesday, Thursday, Friday, Saturday, Sunday

### Night Time Hours

- 6:00 PM – 6:00 AM (Sunday PM to Monday AM, Monday PM to Tuesday AM, Tuesday PM to Wednesday AM, Wednesday PM to Thursday AM, Thursday PM to Friday AM, Friday PM to Saturday AM, Saturday PM to Sunday AM)

One lane and/or shoulder may be closed on roadway segments during Weekday and Weekend Off-Peak hours and Night Time hours, but it must be approved by the engineer. If work may require multiple lane closures check with engineer for allowable time frames.

### 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')</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')</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.

## 6. Holiday Work Restrictions.

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

- From noon Friday, May 28, 2021 to 6:00 AM Tuesday, June 1, 2021 for Memorial Day;
- From noon Friday, July 2, 2021 to 6:00 AM Monday, July 5, 2021 for Independence Day;
- From noon Friday, September 3, 2021 to 6:00 AM Tuesday, September 7, 2021 for Labor Day;
- From 6:00 AM Monday, September 20, 2021 to 6:00 AM Monday, September 27, 2021 for Ryder Cup;
- From noon Wednesday, November 24 to 6:00 AM Monday, November 29, 2021 for Thanksgiving.

**7. Utilities.**

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

There are underground and overhead utility facilities located within the project limits. Coordinate construction activities with a call to Digger's Hotline or a direct call to the utilities that have facilities in the area as required per statutes. Use caution to ensure the integrity of underground and overhead facilities.

**8. Other Contracts.**

Modifications to the traffic control plan may be required by the engineer to be safe and consistent with the adjacent work by others.

Provide the engineer an ancillary structure work schedule that shall not conflict with existing projects in the area, or as directed by the engineer.

**9. Material and Equipment Staging.**

Submit a map showing all proposed material stockpile or equipment storage locations to the engineer 14 days prior to either preconstruction or proposed use, whichever comes first.

Identify the specific purposes for the location. Obtain written permits from the property owner and submit two copies to the engineer before use. Do not stockpile or store materials or equipment on wetlands.

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**10. Signs Type I and II.**

Furnish and install mounting brackets per approved product list for type II signs on overhead sign supports incidental to sign. For type II signs on sign bridges use aluminum vertical support beams incidental to sign.

*Modify standard spec 637.2.4 with the following:*

Use stainless steel bolts, washers and nuts for type I and type II signs mounted on sign bridges or type I signs mounted on overhead sign supports. Use clips on every joint for Sign Plate A 4-6 when mounted on a sign bridge or overhead sign support. Inspect installation of clips and assure bolts and nuts are tightened to manufacturers recommended torque values.

Use aluminum vertical sign support beams that have a 5-inch wide flange and weigh 3.7 pounds per foot, if the L-brackets are 4 inches wide then use 4-inch-wide flange beams weighing 3.06 pounds per foot. Measure the width of the L-brackets on existing structures to determine the width needed for sign support beams

Use beams a minimum of 6 feet in length or equal to the height of the sign to be supported, whichever is greater. Use U-bolts that are made of stainless steel, one-half inch diameter and of the proper size to fit the truss cords of each sign bridge. Install vertical sign support beams on each sign and use new U-bolts to attach each beam to the top and bottom cord of the sign bridge truss.

For type II signs on overhead sign supports follow the approved product list for mounting brackets.

*Replace standard spec 637.2.4.1(2)2 with the following:*

Clips may be either stainless steel or ASTM B 108, aluminum alloy, 356.0-T6.

*Append standard spec 637.3.3.2(2) with the following:*

Install Type I Signs at the offset stated in the plan, which shall be the clear distance between the edge of mainline pavement right edge line and the near edge of the sign.

*Append standard spec 637.3.3.3(3) with the following:*

Furnish and install new aluminum vertical sign support beams on each sign and new U-bolts to attach each beam to the top and bottom cord of the sign bridge truss for Type I or Type II Signs and Type I signs on overhead sign supports incidental to sign.

## **11. Field Office.**

Due to the dispersed nature of work locations on this contract, a field office is not required for this project. Meetings with the contractor will be held at the Waukesha State Office Building, 141 NW Barstow Street, Waukesha WI 53187 or at a location approved by the engineer.

## **12. Nighttime Work Lighting-Stationary.**

### **A Description**

This special provision describes furnishing portable lighting as necessary to complete nighttime work. Nighttime operations consist of work specifically scheduled to occur after sunset and before sunrise.

### **B (Vacant)**

### **C Construction**

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

This provision shall apply when providing, maintaining, moving, and removing portable light towers and equipment-mounted lighting fixtures for nighttime stationary work operations, for the duration of nighttime work on the contract.

At least 14 days before the nighttime work, furnish a lighting plan to the engineer for review and acceptance. Address the following in the plan:

1. Layout, including location of portable lighting – lateral placement, height, and spacing. Clearly show on the layout the location of all lights necessary for every aspect of work to be done at night.
2. Specifications, brochures, and technical data of all lighting equipment to be used.
3. The details on how the luminaires will be attached.
4. Electrical power source information.
5. Details on the louvers, shields, or methods to be employed to reduce glare.
6. Lighting calculations. Provide illumination with average to minimum uniformity ratio of 5:1 or less throughout the work area.
7. Detail information on any other auxiliary equipment.

#### **C.2 Portable Lighting**

Provide portable lighting that is sturdy and free standing and does not require any guy wires, braces, or any other attachments. Furnish portable lighting capable of being moved as necessary to keep up with the construction project. Position the portable lighting and trailers to minimize the risk of being impacted by traffic on the roadway or by construction traffic or equipment. Provide lightning protection for the portable lighting. Portable lighting shall withstand up to 60 mph wind velocity.

If portable generators are used as a power source, furnish adequate power to operate all required lighting equipment without any interruption during the nighttime work. Provide wiring that is weatherproof and installed according to local, state, federal (NECA and OSHA) requirements. Equip all power sources with a ground-fault circuit interrupter to prevent electrical shock.

#### **C.3 Light Level and Uniformity**

Position (spacing and mounting height) the luminaires to provide illumination with an average to minimum uniformity ratio of 5:1 or less throughout the work area.

Illuminate the area as necessary to incorporate construction vehicles, equipment, and personnel activities.

#### **C.4 Glare Control**

Design, install, and operate all lighting supplied under these specifications to minimize or avoid glare that interferes with all traffic on the roadway or that causes annoyance or discomfort for properties adjoining the roadway. Locate, aim, and adjust the luminaires to provide the adequate level of illumination and the specified uniformity in the work area without the creation of objectionable glare.

Provide louvers, shields, or visors, as needed, to reduce any objectionable levels of glare. As a minimum, ensure the following requirements are met to avoid objectionable glare on the roadways open to traffic in either direction or for adjoining properties:

1. Aim tower-mounted luminaires, either parallel or perpendicular to the roadway, so as to minimize light aimed toward approaching traffic.
2. Aim all luminaires such that the center of beam axis is no greater than 60 degrees above vertical (straight down).

If lighting does not meet above-mentioned criteria, adjust the lighting within 24 hours.

#### **C.5 Continuous Operation**

Provide and have available sufficient fuel, spare lamps, generators, and qualified personnel to ensure that the lights will operate continuously during nighttime operation. In the event of any failure of the lighting system, discontinue the operation until the adequate level of illumination is restored. Move and remove lighting as necessary.

#### **D (Vacant)**

#### **E Payment**

Costs for furnishing a lighting plan, and for providing, maintaining, moving, and removing portable lighting, tower mounted lighting, and equipment-mounted lighting required under this special provision are incidental to the contract.

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### **13. Tension Anchor Rods, Item SPV.0060.01.**

#### **A Description**

This special provision describes re-tensioning loose anchor rod nuts as shown on the plans, and as hereinafter provided.

#### **B Materials**

Furnish materials that are according to the pertinent provisions of standard spec 531 and as shown in the plans.

#### **C Construction**

Use construction methods that are according to the pertinent provisions of standard spec 532 and as shown in the plans. This work will consist of re-tensioning all loose anchor rod nuts as specified in the plans. This includes removing lock washers, adding flat and beveled washers when anchor rods are out of plumb by more than 1:40 and as noted. The contractor shall follow the re-tensioning procedure outlined herein:

- The contractor shall verify the grade of the anchor rod. If an anchor rod grade cannot be verified, the department shall be contracted for direction. Note that A36 rods have different tensioning requirements.
- The contractor shall verify the size and number of nuts required to be replaced. Note that if one or more are found to be loose, all are required to be replaced.
- Remove all jam nuts<sup>1</sup>.
- The contractor shall furnish flat washers and heavy hex nuts conforming to standard spec 531.2.2. Existing jam nuts<sup>1</sup> may be reused. Galvanized beveled washers may be required and will conform to the requirements in standard spec 531.
- Remove rodent screen<sup>1</sup>.
- Remove and dispose of the grout pad<sup>1</sup> according to standard spec 509.3.4.

- Tighten all nuts that are loose to snug tight (leveling and top nut). Reference the department's Form DT2321 for snug tight torque values.
- Contact the department for direction if the levelling or top nut is not in full contact with the base plate after snugging or cannot be turned.
- Once all nuts are snug, remove one and only one top nut at a time and follow the remaining procedure. Top nuts, flat washers, and locking washers (if applicable) shall be discarded, the leveling nuts shall remain, and jam nuts<sup>1</sup> may be reused.
- Clean anchor rod with a wire brush to remove rust and dirt from anchor rod threads and base plate.
- Apply one light coat of fast drying zinc rich primer or spray-on cold galvanized conforming to 532.3.2(2) (if rust is present) to the full length of the anchor bolt and at damaged base plates. Repair of galvanized coating incidental to the re-tensioning process. Galvanizing must be allowed to dry before continuing.
- Apply wax-based lubricant to the anchor rod.
- Conform to 532.3.6 and as follows to re-tension anchors. Install top nut to snug tight. Reference the department's form DT2321 for snug tight torque values.
- Repeat steps 9 through 12 in this specification until all washers and nuts have been replaced.
- Tension the anchor rod nuts. Follow the department's Form DT2321 procedure steps 5 through 7 and record the tensioning process.
- Clean, lubricate and re-install jam nut<sup>1</sup> per step 8 of Form DT2321.
- Reinstall the rodent screen<sup>1</sup> according to the "Rodent Screen" article.
- Complete Form DT2321 for each structure and submit to the engineer for transmittal to Bureau of Structures and inclusion in HSIS.

Note<sup>1</sup> – Only for structures that have jam nuts, grout, or rodent screens.

All work for this item, including site clean-up, shall be completed in one shift.

If it is a cantilever structure with a connection which has 6 or less anchor rods, the truss or mast arm shall be supported by a crane during re-tensioning. In lieu of a supporting crane, the contractor may instead submit a structural analysis of the structure addressing proposed constructability which ensure the stability and safety of workers and the traveling public. Analysis computation and support document shall be signed, sealed and dated by a professional engineer licensed in Wisconsin, and shall be submitted to the engineer and BOS for permanent record.

#### **D Measurement**

The department will measure Tension Anchor Rods as each individual anchor rod, 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	Tension Anchor Rods	EACH

Payment is full compensation for tensioning loose anchor rod nuts; for removing and properly disposing of existing materials being replaced; for furnishing all materials and miscellaneous items to complete the repair; for fabricating, handling, transporting, and erecting.

### **14. Remove Debris, Item SPV.0060.02.**

#### **A Description**

This special provision describes removing debris on the structure and foundation as shown on the plans, and as hereinafter provided.

**B (Vacant)****C Construction**

Remove debris and dispose of it according to standard spec 202. Grade the area around the foundation to drain according to standard spec 213.

Remove and properly dispose of all debris at the truss connections and elements. Ensure that the connections and truss elements are free of all debris.

**D Measurement**

The department will measure Remove Debris as each location, acceptably completed.

**E Payment**

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

ITEM NUMBER	DESCRIPTION	UNIT
SPV.0060.02	Remove Debris	EACH

Payment is full compensation for removing and disposing of the debris; grading to the foundation; and restoration.

**15. Rodent Screen, Item SPV.0060.03.****A Description**

This special provision describes replacing the missing rodent screens as shown on the plans, and as hereinafter provided.

**B Materials**

Furnish galvanized or stainless welded 23-gauge steel mesh, with ¼" max. opening. Stainless banding or tie wires shall be used to secure the screen at the anchors. All hardware required to properly secure the rodent screen will be considered incidental to this item.

**C Construction**

Use construction methods that are according to the standard specifications and as shown in the plans. Replace the deteriorated rodent screen. Construct rodent screens such that the screen is in contact with the foundation and base plate to prevent rodent access to the interior of the structure.

**D Measurement**

The department will measure Rodent Screen as each individual rodent screen, acceptably completed.

**E Payment**

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

ITEM NUMBER	DESCRIPTION	UNIT
SPV.0060.03	Rodent Screen	EACH

Payment is full compensation for replacing rodent screen; for removing and properly disposing of existing materials being replaced; for furnishing all materials and miscellaneous items to complete the repair; for fabricating, handling, transporting, and erecting.

**16. Lower Structure, Item SPV.0060.04.****A Description**

This special provision describes lowering the structure to achieve the correct standoff as shown on the plans, and as hereinafter provided.

**B Materials**

Furnish materials conforming to standard specs 531 and 532.

## C Construction

Use construction methods that are according to the pertinent provisions of standard spec 532 and as shown in the plans. The contractor will be responsible for the following details:

- Removing the signs and signals and associated supports from the chord.
- Disconnect signal wiring and remove the chord from the posts.
- Remove posts from anchors. Verify that anchors are not damaged. Discard existing nuts and washers.
- Set new levelling nuts such that the base plates are less than 2½" from top of concrete and re-install posts and ensure they are plumb. Tension anchor rods according to DT2321. Use beveled washers if rods are more than 1:40 out of plumb. If rods are more than 1:20 out of plumb, contact the Bureau of Structures.
- Replacing the original post connection bolts with new high strength splice bolts using the following steps:
  1. The contractor shall field verify the size and number of bolts, nuts, flat washers, and Direct Tension Indicator (DTI) washers to be replaced. Note that since the DTI's are to be utilized, the number of washers may change, and the lengths of the bolts may need to be increased.
  2. Lock washers shall not be used in new splice connections.
  3. Chord re-installation shall conform to standard spec 532.3.4 and 532.3.6.
- Reinstalling the chord onto the posts to the correct height and position.
- Reinstalling the sign panels and signal to the correct orientation above the designated lanes and reconnect wiring.
- Replace all I-beams, U-bolts, nuts, washers, sign panel connectors, and sign or signal support brackets which have indications of corrosion or damage or have been placed incorrectly on the chords. New connection hardware shall be according to WisDOT Sign Plates A4-7A and A-4-7B for signs and standard spec 658 and the APL for signal connections

During the removal of the truss from the posts, the truss shall be adequately supported by a mobile crane. The truss shall be removed and replaced within the same working shift/night.

Any damage, including signs, I-beams, U-bolts, nuts, washers, sign panel connectors, and sign or signal support brackets, is the responsibility of the contractor and shall be repaired and/or replaced at their cost.

## D Measurement

The department will measure Lower Structure as each structure, acceptably completed.

## E Payment

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

ITEM NUMBER	DESCRIPTION	UNIT
SPV.0060.04	Lower Structure	EACH

Payment is full compensation for removing, lowering and reinstalling the structure in its correct orientation; for removing and properly disposing of existing materials being replaced; for all cranes/lifts required to lift and support the structure during removal and reinstallation, for furnishing all materials, including high-strength structural bolts, shims, U-bolts, nuts, washers, sign panel connectors, and sign support brackets to complete the repair; handling, and erecting.

## 17. Reinstall Truss, Item SPV.0060.05.

### A Description

This special provision describes removing and reinstalling the truss to the correct orientation as shown on the plans, and as hereinafter provided.

### B Materials

Furnish materials that are according to standard spec 532 and as shown in the plans. High strength bolts used in the connection between the truss and post shall be replaced with bolts meeting the requirements of standard spec 532 and according to "Tension Structural Connection Bolt" and "Snug Tight Bolt" articles. All sign connection hardware is to be replaced. I-beams may be reused if they do not contain slotted holes.

## C Construction

Use construction methods that are according to the pertinent provisions of standard spec 532 and as shown in the plans. In its current orientation, the sign support truss was erected upside-down. The contractor will be responsible for the following details:

- Removing the signs and associated supports from the truss.
- Removing the truss from the post.
- Vertically rotating the truss (or part of truss) 180 degrees, re-tensioning splice bolts if needed.
- Replacing the original post connection bolts with new high strength splice bolts using the following steps:
  1. The contractor shall field verify the size and number of bolts, nuts, flat washers, and Direct Tension Indicator (DTI) washers to be replaced. Note that since the DTI's are to be utilized, the number of washers may change, and the lengths of the bolts may need to be increased.
  2. Lock washers shall not be used in new splice connections.
  3. Truss re-installation shall conform to standard spec 532.3.4 and 532.3.6.
- Reinstalling the truss onto the post to the correct height and position.
- Reinstalling the sign panels to the correct orientation above the designated lanes.
- Replace all U-bolts, nuts, washers, sign panel connectors, and sign support brackets which have indications of corrosion or damage.

During the removal of the truss from the posts, the truss shall be adequately supported by a mobile crane. The truss shall be removed and replaced within the same working shift/night.

Any damage, including signs, U-bolts, nuts, washers, sign panel connectors, and sign support brackets, is the responsibility of the contractor and shall be repaired and/or replaced at their cost.

## D Measurement

The department will measure Reinstall Truss as each individual structure, acceptably reinstalled in the correct orientation.

## E Payment

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

ITEM NUMBER	DESCRIPTION	UNIT
SPV.0060.05	Reinstall Truss	EACH

Payment is full compensation for reinstalling the truss in its correct orientation; for removing and properly disposing of existing materials being replaced; for all cranes/lifts required to lift and support the structure during removal and reinstallation, for furnishing all materials, including high-strength structural bolts, shims, U-bolts, nuts, washers, sign panel connectors, and sign support brackets to complete the repair; handling, and erecting.

## 18. Tension Structural Bolt, Item SPV.0060.06.

### A Description

This special provision describes replacing splice, post-to-truss, truss gusset, post to mast arm and any other tensioned structural connection high strength bolt as shown on the plans, and as hereinafter provided.

### B Materials

Furnish materials that are according to standard spec 532.2 and as shown in the plans.

### C Construction

Use construction methods that are according to the pertinent provisions of standard spec 532.6, 657 and as shown in the plans. The contractor shall follow the re-tensioning procedure outlined herein:

1. Each bolt to be tensioned shall be replaced with a new bolt. The new bolt installed will follow the below procedure.
2. The contractor shall field verify the size and number of bolts, nuts, flat washers, and DTI washers at each structure to be replaced. Note that since the DTI's are to be utilized, the number of washers may change, and the lengths of the bolts may need to be increased.
3. Lock washers shall **not** be used in connections. Washers are **not** to be placed between faying surfaces. If present, lock washers and washers between faying surfaces must be removed and discarded. Beveled washed may be required if connected plates are not parallel.
4. The contractor shall furnish bolts, flat washers, heavy hex nuts, shims, and DTI's conforming to standard spec 532.
5. Perform the pre-installation test according to the department's form DT2322.
6. Tighten all nuts that are loose to snug tight. Note that this is to be done for stability purposes<sup>1</sup>
7. Once all nuts are snug, remove one and only one bolt at a time and follow the remaining procedure. Existing bolts, nuts washers, and shims shall be discarded.
8. Install the new bolt to snug tight.
9. Repeat steps 7 and 8 until all bolts have been replaced. Ensure there are no gaps in the faying surface after all bolts have been replaced. If gaps are present, see note 1 below, otherwise contact the Bureau of Structures.
10. Follow the department's Form DT2322 installation procedure for tensioning of the replacement bolts.
11. Complete Form DT2322 for each structure and submit to the regional ancillary structure engineer for transmittal to BOS and inclusion in HSIS.

Note<sup>1</sup> - If a shim must be added to a full span splice connection, note the existing gap before the bolts are removed, support the truss/chord with a crane, and remove all bolts at the same time. Insert the appropriate number of 1/16" thick shims and install new bolts. Tensioned bolts conforming to DT2322.

All work under this item, including site cleanup, shall be completed within one shift. If it is a cantilever structure or a connection which has 6 or less bolts, the truss or mast arm shall be supported by a crane during bolt replacement. In lieu of a supporting crane, the contractor may instead submit a structural analysis of the structure addressing proposed constructability which ensure the stability and safety of workers and the traveling public. Analysis computation and support document shall be signed, sealed and dated by a professional engineer licensed in Wisconsin, and shall be submitted to the engineer and BOS for permanent record.

#### **D Measurement**

The department will measure Tension Structural Bolt as each individual bolt, acceptably completed.

#### **E Payment**

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

ITEM NUMBER	DESCRIPTION	UNIT
SPV.0060.06	Tension Structural Bolt	EACH

Payment is full compensation for replacing all necessary splice, post-to-truss, truss gusset, post to mast arm and any other tensioned structural connection high strength bolts; for removing and properly disposing of existing materials being replaced; for furnishing all materials and miscellaneous items to complete the repair.

### **19. Replace Truss Member, Item SPV.0060.07.**

#### **A Description**

This special provision describes replacing a truss member as shown on the plans, and as hereinafter provided.

#### **B Materials**

Furnish materials that are according to standard spec 532.2 and as shown in the plans.

## **C Construction**

Use construction methods that are according to the pertinent provisions of standard spec 532 and as shown in the plans. New members should be hot dip galvanized prior to installation.

Existing members that are damaged and/or deformed are to be removed prior to installation of new member. Care must be taken to not damage chords or other truss members during removal. Bolts are to be tensioned according to the "Tension Structural Bolt" article.

## **D Measurement**

The department will measure Replace Truss Member as each individual truss member, 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.0060.08	Replace Truss Member	EACH

Payment is full compensation for replacing truss member as well as the necessary connection bolts; for removing and properly disposing of existing materials being replaced; for furnishing all materials and miscellaneous items to complete the repair; and for fabricating, handling, transporting, and erecting.

## **20. Vertical Sign Support, Item SPV.0060.08.**

### **A Description**

This special provision describes replacing the damaged or missing support brackets as shown on the plans, and as hereinafter provided.

### **B Materials**

Furnish 2 Aluminum I Beams (15 X 3.7) and 4 U-bolts for each Type I Sign and Type II Sign for overhead signs support that are according to standard spec 637, WisDOT Sign Plates A4-7A and A4-7B and as shown in the plans.

### **C Construction**

Take down the existing sign panel and remove the existing support bracket and properly dispose of the bracket assembly. Use construction methods that are according to standard spec 532 and 637 and as shown in the plans. Provide torque requirement and other installation instructions to the Region. All bolts, nuts, washers or miscellaneous items required to replace the damaged or deteriorated sign bracket with 2 I-Beams per sign will be considered incidental to this item. If an existing sign is to be re-installed, the installation of the sign is incidental to Vertical Sign Support.

### **D Measurement**

The department will measure Vertical Sign Support as each individual I-beam assembly, acceptably installed.

### **E Payment**

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

ITEM NUMBER	DESCRIPTION	UNIT
SPV.0060.09	Vertical Sign Support	EACH

Payment is full compensation for replacing sign type II sign support bracket with new aluminum I Beams and U-bolts; for removing and properly disposing of existing materials being replaced; for furnishing all materials and miscellaneous items to complete the repair; for handling, transporting, and erecting.

**21. Sign Panel Connector, Item SPV.0060.09.**

**A Description**

This special provision describes furnishing and installing sign panel connectors and removing and replacing existing defective or damaged sign panel connectors as shown in the plans, and as hereinafter provided.

**B Materials**

Provide sign panel connectors, bolts, nuts and washers meeting the requirements of standard spec 637.2.4 and WisDOT Sign Plate A5-2. Connectors shall be aluminum alloy 356-T6, bolts shall be stainless steel, flat washer shall be 3/8" x .091 stainless steel and stop nuts shall be stainless steel.

**C Construction**

Use construction methods that are according to the pertinent provisions of standard spec 637 and as shown in the plans.

Remove and properly dispose of defective or damaged existing sign panel connectors.

Tighten the bolts and nuts to the manufacturer's recommended torque value. Ensure that aluminum castings are snug and not cracked.

**D Measurement**

The department will measure Sign Panel Connector as each individual sign panel connector, 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.0060.11	Sign Panel Connector	EACH

Payment is full compensation for furnishing and installing sign panel connectors, bolts, nuts and washers; for removing and properly disposing of existing defective or damaged sign panel connectors; and for furnishing all labor, tools, equipment, and incidentals necessary to complete the work.

**22. Adjust Sign, Item SPV.0060.10.**

**A Description**

This special provision describes adjusting vertical clearance, rotation or securing signs as shown on the plans, and as hereinafter provided.

**B Materials**

Furnish materials that are according to specifications and as required by WisDOT Sign Plates A4-7A and A4-7B as shown in the plans.

**C Construction**

Signs marked in the plan were incorrectly installed, are loose, rotated, or installed below the minimum vertical clearance. Reset the sign connection so that it is tight, in the correct orientation and at the proper elevation. Use construction methods that are according to standard spec 637 and as shown in the plans.

New connection hardware is required, conform to installation requirements of standard spec 637 and sign plate details noted in the materials section.

**D Measurement**

The department will measure Adjust Sign by each unit, acceptably completed.

**E Payment**

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

ITEM NUMBER	DESCRIPTION	UNIT
SPV.0060.12	Adjust Sign	EACH

Payment is full compensation for field verifying existing conditions; for furnishing and installing all connection hardware and attaching the sign.

**23. ID Plaque, Item SPV.0060.11.**

**A Description**

This special provision describes installing sign and signal ID plaques as shown on the plans, and as hereinafter provided.

**B Materials**

Furnish materials as required by structure type according to Standard Detail Drawing Structure Identification Plaques, Ramp Gates, Sign Bridges, Overhead Sign Supports and Traffic Signals.

**C Construction**

Install the sign bridge ID plaque as required by structure type according to Structure Identification Plaques, Ramp Gates, Sign Bridges, Overhead Sign Supports and Traffic Signals. Miscellaneous hardware required to securely install the ID plaque will be considered incidental to this item.

**D Measurement**

The department will measure ID Plaque as each individual ID plaque, 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.0060.13	ID Plaque	EACH

Payment is full compensation for installing the ID plaque; for removing and properly disposing of existing materials being replaced; for furnishing and installing all materials and miscellaneous items to complete the installation; and for fabricating, handling, transporting, and erecting.

**24. Misc. Attachments, Item SPV.0060.12.**

**A Description**

This special provision describes securing the pole or arm mounted attachments as shown on the plans, and as hereinafter provided.

**B (Vacant)**

Hardware shall be on the Approved Products List.

**C Construction**

Field verify the size and type of connection fastener in the existing connections and provide new fasteners of the same size and type. Remove and properly dispose of the existing fasteners being replaced. Install new fasteners, ensuring that connection is secure, in the proper orientation, and not cracked.

Work shall not be completed above live traffic. Lane closures are to be utilized as necessary to complete the work.

Contractor shall assist WISDOT Electrical Field unit in re-aiming cameras, if needed.

Any Cracked, fatigued signal/camera connection assemblies shall be replaced per the direction of engineer/WisDOT Electrical Field Unit.

The contractor shall notify WisDOT Electrical Field Unit at (414) 266-1170 or WisDOT Signal Operations Unit at (414) 750-2605 at least 5 working days prior to performing any work on signal monotubes.

**D Measurement**

The department will measure Misc. Attachments as each individual attachment, 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	Misc. Attachment	EACH

Payment is full compensation for field verifying existing conditions; for removing and properly disposing of the existing fasteners; for furnishing and installing the new fasteners, including drilling and tapping holes.

## **25. Handhole Cover, Item SPV.0060.13.**

### **A Description**

This special provision describes replacing or securing handhole covers as shown on the plans, and as hereinafter provided.

### **B Materials**

Furnish materials that are according to the pertinent provisions of standard spec 532 and as shown in the plans.

### **C Construction**

Use construction methods that are according to the pertinent provisions of standard spec 532 and as shown on plans. Replace missing handhole covers or bolts. Drill and tap bolt holes as required.

### **D Measurement**

The department will measure Handhole Cover as each individual handhole cover, acceptably completed.

## **E Payment**

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

ITEM NUMBER	DESCRIPTION	UNIT
SPV.0060.17	Handhole Cover	EACH

Payment is full compensation for replacing or tightening handhole cover bolts; for removing and properly disposing of existing materials being replaced; for furnishing all materials and miscellaneous items to complete the repair; for fabricating, handling, transporting, and erecting.

## **26. Conduit Plug, Item SPV.0060.14.**

### **A Description**

This special provision describes replacing missing conduit plugs as shown on the plans, and as hereinafter provided.

### **B Materials**

Furnish materials that are according to standard spec 652 and as shown in the plans.

### **C Construction**

Use construction methods that are according to standard spec 652 and as shown in the plans.

Field verify the size of the conduit plug required. Lubricate the conduit plug threads with an approved anti-seize compound.

### **D Measurement**

The department will measure Conduit Plug as each individual conduit plug, acceptably completed.

## **E Payment**

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

ITEM NUMBER	DESCRIPTION	UNIT
SPV.0060.18	Conduit Plug	EACH

Payment is full compensation for field verifying existing conditions; for furnishing and installing the new conduit plug, including anti-seize compound.

**27. Post/End Cap, Item SPV.0060.15.**

**A Description**

This special provision describes securing or replacing missing or deteriorated chord, post and miscellaneous caps and securing them as shown on the plans, and as hereinafter provided.

**B Materials**

Furnish materials that are according to the pertinent provisions of standard spec 532 and 657 and as shown in the plans. Contractor to field verify size of chord, post and miscellaneous caps to be replaced.

**C Construction**

Use construction methods that are according to the pertinent provisions of standard spec 532 and 657 and as shown in the plans. Miscellaneous hardware required to securely install the end cap will be considered incidental to this item.

**D Measurement**

The department will measure Post/End Cap as each individual cap, acceptably completed.

**E Payment**

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

ITEM NUMBER	DESCRIPTION	UNIT
SPV.0060.19	Post/End Cap	EACH

Payment is full compensation for removing and properly disposing of existing materials being replaced; for furnishing all materials and miscellaneous items to complete the repair; for fabricating, handling, transporting, and erecting.

**28. Catwalk Repair, Item SPV.0060.16.**

**A Description**

This special provision describes replacing and adjusting placement of catwalk safety chains, replacing hand rail sections and toe boards, and realigning and repairing handrail hinge mechanisms as shown on the plans, and as hereinafter provided.

**B Materials**

Furnish materials that are according to standard spec 532 and as shown in the plans.

**C Construction**

Use construction methods that are according to standard spec 532, state standard details, and as shown in the plans.

Field verify the length of safety chain required and the diameter of existing eyebolts.

Provide new eye bolts (minimum of 1/8" diameter), nuts and washers for the safety chain. If the new eyebolts cannot be installed in the existing connection holes, drill the existing connection holes large enough to accept the new eyebolts. Remove and properly dispose of the existing safety chain being replaced.

**D Measurement**

The department will measure Catwalk Repair as each individual item, 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.0060.20	Catwalk Repair	EACH

Payment is full compensation for field verifying existing conditions; for removing and properly disposing of the existing materials and connection hardware; for furnishing and installing the new equipment and connection hardware, including drilling connection holes.

## **29. Dished Washer, Item SPV.0060.17.**

### **A Description**

This special provision describes furnishing and installing dished washers as shown on the plans, and as hereinafter provided.

### **B Materials**

Furnish a dished washer that is according to standard spec 658. Hardware shall be on the Approved Products List.

### **C Construction**

Use construction methods that are according to standard spec 658 and as shown in the plans.

Field verify the size of the existing dished washer and provide a new dished washer of the same size. If the cable, band or bolt are corroded, replace them.

Remove and replace the existing dished washer and properly dispose of it. Ensure that new washed is not cracked after tightening the connection.

Work shall not be completed above live traffic. Lane closures are to be utilized as necessary to complete the work.

Contractor shall notify WisDOT Electrical Field Unit at (414) 266-1170 or WisDOT Signal Operations Unit at (414) 750-2605 at least 5 working days prior to performing any work on signal monotubes.

### **D Measurement**

The department will measure Dished Washer as each individual dished washer, 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.0060.21	Dished Washer	EACH

Payment is full compensation for field verifying existing dished washer size; for removing and properly disposing of the existing dished washer; for furnishing and installing the new dished washer; and for furnishing all labor, tools, equipment, and incidentals necessary to complete the contract work.

## **30. Replace Signal Shroud, Item SPV.0060.18.**

### **A Description**

This special provision describes furnishing and installing signal shrouds as shown on the plans, and as hereinafter provided.

### **B Materials**

Furnish shrouds that are according to standard spec 658 and the Approved Products List.

### **C Construction**

Use construction methods that are according to standard spec 658 and as shown in the plans.

Work shall not be completed above live traffic. Lane closures are to be utilized as necessary to complete the work.

Contractor shall notify WisDOT Electrical Field Unit at (414) 266-1170 or WisDOT Signal Operations Unit at (414) 750-2605 at least 5 working days prior to performing any work on signal monotubes.

#### **D Measurement**

The department will measure Replace Signal Shroud as each signal shroud, 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.0060.22	Replace Signal Shroud	EACH

Payment is full compensation for field verifying existing signal shroud size; for removing and properly disposing of the existing shrouds; for furnishing and installing the new shrouds..

### **31. Signal Mounting Hardware, Item SPV.0060.19.**

#### **A Description**

This special provision describes replacing the signal connection assembly as shown on the plans, and as hereinafter provided.

#### **B Materials**

Furnish materials that are according to the pertinent provisions of standard spec 658 and as shown in the plans. All bolts, nuts, washers or miscellaneous items required to replace the cracked or deteriorated signal connection assemblies will be considered incidental to this item. Signal hardware is to be on the Approved Products List.

#### **C Construction**

Use construction methods that are according to the pertinent provisions of standard spec 658 and as shown in the plans. Provide all materials required to replace the signal connection clamp. Ensure the bracket is not cracked after tightening the connections.

Any cracked, fatigued luminaire assemblies shall be replaced per the direction of engineer/WisDOT Electrical Field Unit.

Contractor shall notify WisDOT Electrical Field Unit at (414) 266-1170 or WisDOT Signal Operations Unit at (414) 750-2605 at least 5 working days prior to performing any work on signal monotubes.

#### **D Measurement**

The department will measure Signal Mounting Hardware by each signal connection assembly, acceptably completed.

#### **E Payment**

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

ITEM NUMBER	DESCRIPTION	UNIT
SPV.0060.23	Signal Mounting Hardware	EACH

Payment is full compensation for replacing signal connection assembly; for removing and properly disposing of existing materials being replaced; for furnishing all materials and miscellaneous items to complete the repair; for fabricating, handling, transporting, and erecting.

### **32. Adjust Signal, Item SPV.0060.20.**

#### **A Description**

This special provision describes adjusting signal position, orientation or vertical clearance as shown on the plans, and as hereinafter provided.

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

### **C Construction**

Signals marked in the plan were incorrectly installed, are loose, rotated or installed below the minimum vertical clearance. Reset the signal mount so that it is tight, in the correct orientation and at the proper elevation. Use construction methods that are according to standard spec 658 and as shown in the plans.

Contractor shall notify WisDOT Electrical Field Unit at (414) 266-1170 or WisDOT Signal Operations Unit at (414) 750-2605 at least 5 working days prior to performing any work on signal monotubes.

### **D Measurement**

The department will measure Adjust Signal as each individual signal, 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.0060.24	Adjust Signal	EACH

Payment is full compensation for adjusting signal; for removing and properly disposing of existing materials being replaced; for furnishing and installing all materials and miscellaneous items to complete the repair; and for fabricating, handling, transporting, and erecting.

**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.

## Additional Special Provision 6

### ASP 6 - Modifications to the standard specifications

Make the following revisions to the standard specifications:

#### 102.1 Prequalifying Bidders

Replace paragraph two with the following effective with the October 2020 letting:

- (2) Furnish a dated prequalification statement on the department's form at least 10 business days before the time set for the letting to close.

#### 102.6 Preparing the Proposal

Replace the entire text with the following effective with the October 2020 letting:

##### 102.6.1 General

- (1) Submit completed proposals on the department's bidding proposal described in 102.2. Submit legible information only. Write everything in ink, by typewriter, or by computer-controlled printer. Provide all dollar amounts in dollars and cents, in numerals. Attach all addenda to the submitted proposal.
- (2) Properly execute the proposal. Place the required signatures, in ink, in the space provided on the bidding proposal as indicated below:

##### ENTITY SUBMITTING PROPOSAL

##### REQUIRED SIGNATURE

<b>Individual</b>	The individual or a duly authorized agent.
<b>Partnership</b>	A partner or a duly authorized agent.
<b>Joint venture</b>	A member or a duly authorized agent of at least one of the joint venture firms.
<b>Corporation</b>	An authorized officer or duly authorized agent of the corporation. Also show the name of the state chartering that corporation and affix the corporate seal.
<b>Limited liability company</b>	A manager, a member, or a duly authorized agent.

- (3) Instead of using the schedule of items provided on the department's bidding proposal, the bidder may submit a substitute schedule with the proposal. Use a format for the substitute schedule conforming to the department's guidelines for approval of a bidder-generated schedule of items. Obtain the department's written approval before using a substitute schedule.
- (4) Provide a unit price for each bid item listed in the schedule of items. Calculate and show, in the bid amount column, the products of the respective unit prices and quantities. For a lump sum bid item, show the same price in the unit price column and in the bid amount column pertaining to that bid item. Show the total bid obtained by adding the values entered in the bid amount column for the listed bid items.
- (5) If a unit price or lump sum bid already entered in the proposal needs to be altered, cross out the entered unit price or lump sum bid with ink or typewriter and enter the new price above or below and initial it in ink.
- (6) A change that the bidder makes in the proposal is not an alteration if the bidder makes that change as directed in a specific instruction contained in an addendum.

##### 102.6.2 Disadvantaged Business Enterprise (DBE) Commitment

- (1) Before the letting is closed, submit the following documentation for proposals with a DBE goal:
  1. Commitment to subcontract to DBE on department form DT1506.
  2. Attachment A for each subcontractor listed on the DT1506.
  3. If the DBE goal is not attained, certificate of good faith efforts on department form DT1202.
- (2) Within 24 hours after the letting is closed, email all supplemental documentation for the DT1202 verifying efforts made to attain the DBE goal to DBE\_Alert@dot.wi.gov.

**102.7.3 Department Will Reject**

Replace paragraph one with the following effective with the January 2021 letting:

- (1) Proposals are irregular and the department will reject and will not post them if the bidder:
  1. Does not furnish the required proposal guaranty in the proper form and amount as specified in 102.8.
  2. Does not submit a unit price for each bid item listed, except for lump sum bid items where the bidder may show the price in the bid amount column for that bid item.
  3. Includes conditions or qualifications not provided for in the department-supplied bidding proposal.
  4. Submits a bid on a bidding proposal issued to a different bidder without obtaining departmental authorization to do so.
  5. Submits a bid that contains unauthorized revisions in the name of the party to whom the bidding proposal was issued.
  6. Submits a schedule of items with illegibly printed bid item numbers, descriptions, or unit prices.
  7. Submits a schedule of items for the wrong contract.
  8. Submits a bidder-generated schedule of items with an incorrect bid item number and incorrect description for a single bid item.
  9. Omits a bid item or bid items on a bidder-generated schedule of items.
  10. Submits a materially unbalanced bid.
  11. Does not sign the proposal.
  12. Does not submit the DBE forms and required supplemental documentation of the good faith efforts as specified in 102.6.2.

**102.12 Public Opening of Proposals**

Replace paragraph one with the following effective with the October 2020 letting:

- (1) The letting will close at the time and place indicated in the notice to contractors. The department will publicly open and post the total bid for each proposal on the Bid Express web site beginning at noon on the day after the letting is closed except as specified in 102.7.3 and 102.8. If a proposal has no total bid shown, the department will not post the bid. After verification for accuracy under 103.1, the department will post bid totals on the HCCI web site.

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

**103.1 Consideration of Proposals**

Replace paragraph one with the following effective with the October 2020 letting:

- (1) Following the public opening of the proposals received, the department will compare them based on the summation of the products of the quantities of work listed and the contract unit prices offered. In case of discrepancies, errors, or omissions, the department will make corrections as specified in 102.7.1. In awarding contracts, the department, in addition to considering the amounts stated in the proposals, may consider one or more of the following:
  1. The responsibility of the various bidders as determined from a study of the data required under 102.1.
  2. The responsiveness of the bid as determined under 102.6.
  3. Information from other investigations that the department may make.

**107.17.1 General**

Replace paragraph four with the following effective with the November 2020 letting:

- (4) Comply with the railroad's rules and regulations regarding operations on or near the railroad right-of-way as follows:
  - When working on the railroad right-of-way.
  - When working within 25 feet of the track centerline or adjacent facilities, including equipment or extensions of equipment that can fall within 25 feet of the track centerline or adjacent facilities.

If the railroad's chief engineering officer requires, arrange with the railroad to obtain the services of qualified railroad employees to protect railroad traffic through the work area. Bear the cost of these services and pay the railroad directly. Notify the railroad's representative, specified in the project special provisions, in writing at least 40 business days before starting work near a track. Provide the specific time planned to start the operations.

**109.6.3.3 Retainage**

*Delete paragraph two effective with the December 2020 letting:*

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**450.2.1 Acronyms and Definitions**

*Add the following definitions to 450.2.1(2) effective with the November 2020 letting:*

<b>Butt Joint</b>	A transverse joint between existing and newly paved surfaces, formed by milling or sawing a vertical notch into the existing surface and then paving against the notch.
<b>Echelon Paving</b>	Paving two or more adjacent lanes with adjacent pavers offset from each other by 200 feet or less.
<b>Notched Wedge Joint</b>	A longitudinal joint consisting of a wedge placed at the edge of the initially paved lane with an overlapping wedge placed on the subsequent lane.
<b>Tandem Paving</b>	Paving two or more adjacent lanes with adjacent pavers offset from each other by more than 200 feet.
<b>Vertical Joint</b>	A longitudinal joint between 2 paved lanes with a vertical or nearly vertical interface between the adjacent mats.

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**450.3.2.8 Jointing**

*Replace paragraph two with the following with the November 2020 letting:*

- (2) Where placing against existing HMA pavement, saw or mill the existing mat to form a full-depth joint.

*Replace paragraphs five and six with the following effective with the November 2020 letting:*

- (5) At the prepave meeting, submit documentation to the engineer that includes the brand name and model of each extruding and compacting device proposed for notched wedge joint construction. Alternatively, submit pictures of fabricated wedging and compacting devices. Do not use devices before engineer approval.
- (6) For notched wedge joints, construct and shape the wedge for each layer using the engineer-approved extruding device and compacting device that will provide a uniform slope and will not restrict the main screed. Compact the wedge with a weighted roller wheel or vibratory plate compactor the same width as the wedge. Clean and apply tack coat to the wedge surface and both notches before placing the adjacent lane.
- (7) For butt and vertical joints, clean and apply tack coat to promote bonding and seal the joint.
- (8) If paving in echelon, the contractor may use a vertical or notched wedge joint. Joints paved in echelon need not be tack coated.

**460.2.2.3 Aggregate Gradation Master Range**

*Replace table 460-1 with the following effective with the November 2020 letting:*

**TABLE 460-1 AGGREGATE GRADATION MASTER RANGE AND VMA REQUIREMENTS**

SIEVE	PERCENT PASSING DESIGNATED SIEVES							
	NOMINAL SIZE							
	No. 1 (37.5 mm)	No. 2 (25.0 mm)	No. 3 (19.0 mm)	No. 4 (12.5 mm)	No. 5 (9.5 mm)	No. 6 (4.75 mm)	SMA No. 4 (12.5 mm)	SMA No. 5 (9.5 mm)
50.0-mm	100							
37.5-mm	90 - 100	100						
25.0-mm	90 max	90 - 100	100					
19.0-mm	—	90 max	90 - 100	100			100	
12.5-mm	—	—	90 max	90 - 100	100		90 - 97	100
9.5-mm	—	—	—	90 max	90 - 100	100	58 - 80	90 - 100
4.75-mm	—	—	—	—	90 max	90 - 100	25 - 35	35 - 45
2.36-mm	15 - 41	19 - 45	23 - 49	28 - 58	32 - 67	90 max	15 - 25	18 - 28
1.18-mm	—	—	—	—	—	30 - 55	—	—
0.60-mm	—	—	—	—	—	—	18 max	18 max
0.075-mm	0 - 6.0	1.0 - 7.0	2.0 - 8.0	2.0 - 10.0	2.0 - 10.0	6.0 - 13.0	8.0 - 11.0	8.0 - 12.0
% VMA	11.0 min	12.0 min	13.0 min	14.0 min <sup>[1]</sup>	15.0 min <sup>[2]</sup>	16.0 - 17.5	16.0 min	17.0 min

<sup>[1]</sup> 14.5 for LT and MT mixes.

<sup>[2]</sup> 15.5 for LT and MT mixes.

**522.2 Materials**

*Replace paragraph three with the following effective with the January 2021 letting:*

- (3) Manufacture precast reinforced concrete pipe, cattle pass, and apron endwalls in a plant listed under precast concrete fabricators on the APL. Conform to the specified AASHTO standard materials requirements except as follows:
- The contractor may use cement conforming to 501.2.1 or may substitute for portland cement at the time of batching conforming to 501.2.6 for fly ash, 501.2.7 for slag, or 501.2.8 for other pozzolans. In either case the maximum total supplementary cementitious content is limited to 30 percent of the total cementitious content by weight.

**532.2.1 General**

*Replace paragraph one with the following effective with the November 2020 letting:*

- (1) Furnish structural steel conforming to ASTM as follows:

<= 1/2 inch thick structural tube and pipe ..... ASTM A500 grade C  
 > 1/2 inch thick structural tube and pipe ..... API 5L PSL 2 grade 46 or ASTM 1085  
 Tapered vertical supports ..... ASTM A595 grade A or ASTM A572 grade 55  
 Multi-sided or greater than 26-inch diameter round tapered poles ..... ASTM A572 grade 65  
 Structural angles and plates ..... ASTM A709 grade 36

**532.3.8 Acceptance and Inspection**

*Add the following new subsection effective with the November 2020 letting:*

**532.3.8 Acceptance and Inspection**

- (1) Demonstrate to the engineer that electrical and mechanical systems for each high mast tower installation are fully operational. The department will not accept an installation until the engineer is satisfied that it functions properly.
- (2) Inspect completed "S" or "L" designated structures before opening to public traffic conforming to the BOS structure inspection manual part 4 for sign, signal, and high mast towers available at:

<https://wisconsindot.gov/Pages/doing-bus/eng-consultants/cnslt-rsrcs/strct/inspection-manual.aspx>

Ensure that a department-certified active team leader for sign/signal inspections, listed on the department's highway structures information system (HSIS) website, performs inspections. Conform to the following:

- Notify the engineer at least 5 business days before inspection.
- Ensure that the team leader performing inspections submits the signed inspection reports and provides punch list items as maintenance items in the inspection report to the engineer within one business day after completing each inspection. Submit that signed final inspection report to the engineer and HSIS at:

<https://wisconsindot.gov/Pages/doing-bus/eng-consultants/cnslt-rsrcs/strct/hsi.aspx>

- Notify the engineer and region ancillary structure project manager upon completion of the punch list items.

**550.2.1 Steel Piles and Pile Shells**

*Replace paragraph three with the following effective with the November 2020 letting:*

- (3) For steel pipe sections and steel pile shells for cast-in-place concrete piles, use ASTM A252 grade 3 steel.

**608.2.1 Pipe**

*Replace paragraph three with the following effective with the January 2021 letting:*

- (3) Manufacture precast reinforced concrete pipe for storm sewer in a plant listed under precast concrete fabricators on the APL. Conform to the specified AASHTO materials requirements for the class of precast concrete pipe specified except as follows:
  - The contractor may use cement conforming to 501.2.1 or may substitute for portland cement at the time of batching conforming to 501.2.6 for fly ash, 501.2.7 for slag, or 501.2.8 for other pozzolans. In either case the maximum total supplementary cementitious content is limited to 30 percent of the total cementitious content by weight.

**611.2 Materials**

*Replace paragraph three with the following effective with the January 2021 letting:*

- (3) For precast structures conform to AASHTO M199 for circular structures and ASTM C913 for square and rectangular structures. Manufacture in a plant listed under precast concrete fabricators on the APL. Conform to the specified AASHTO materials requirements for the structure specified except as follows:
  - Use concrete with 4700 pounds or more cementitious material per cubic yard.
  - The contractor may use cement conforming to 501.2.1 or may substitute for portland cement at the time of batching conforming to 501.2.6 for fly ash, 501.2.7 for slag, or 501.2.8 for other pozzolans. In either case the maximum total supplementary cementitious content is limited to 30 percent of the total cementitious content by weight.
  - For wet cast use air-entrained concrete with 7.0 percent +/- 1.5 percent air content.

**614.3.2.1 Installing Posts**

Replace paragraphs four and five with the following effective with the December 2020 letting:

- (4) For bid items 614.0220, 0230, and 2500; do not trim posts before installation and mark one face of each post as follows:

- Draw an embedment depth line.
- Above the embedment line, write the post length.
- Posts 3 through 8 of bid item 614.0220 do not require marking.

Install posts with the markings on the roadway side. Ensure the markings remain on the posts until guardrail final acceptance.

- (5) Ensure that posts are at least the minimum length and minimum embedment the plans show before cutting post tops to the finished elevation. After installation, the engineer may direct the contractor to remove and re-install up to 5% of the posts to verify they were placed to the required plan depth. If a post is embedded less than the required plan depth, the engineer may direct additional sampling. Re-install sampled posts at the locations and to the depths the plans show. Replace posts and other components that are damaged during sampling.
- (6) Provide offset block-mounted reflectors as the plans show.

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**650.3.7 Structure Layout Staking**

Replace the entire text with the following effective with the January 2021 letting:

- (1) Set construction stakes or marks on a line offset from the structure centerline or on a reference line, whichever is appropriate, for both roadway and substructure units. Establish the plan horizontal and vertical positions to the required accuracy. Also, set and maintain stakes and marks as necessary to support the method of operations. Locate stakes and marks to within 0.02 feet of the true horizontal position, and establish the grade elevation to within 0.01 feet of true vertical position.
- (2) For girder bridges, the department will compute deck grades with contractor-supplied girder elevation data.
- (3) For slab span bridges, the department will compute slab grades using contractor-supplied falsework settlement and deflection data at tenth points along slab edges, the crown, and reference line locations. Before releasing falsework, survey top-of-slab elevations at the centerline of the abutments and at the 5/10th point along slab edges, the crown, and reference line locations to verify the camber.

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**710.2 Small Quantities**

Replace paragraph one with the following effective with the November 2020 letting:

- (1) For contracts with only small quantities of material subject to testing, as defined under specific contract QMP provisions, modify the requirements of 710 as follows:
1. The contractor may submit an abbreviated quality control plan as allowed in 701.1.2.3.
  2. The engineer may accept aggregate based on documented previous testing and non-random start-up gradation testing as allowed in 710.5.6.1.

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**710.4 Concrete Mixes**

Replace paragraph two with the following effective with the January 2021 letting:

- (2) At least 3 business days before producing concrete, document that materials conform to 501 unless the engineer allows or individual QMP specifications provide otherwise. Include the following:
1. For mixes: quantities per cubic yard expressed as SSD weights and net water, water to cementitious material ratio, and air content.
  2. For cementitious materials and admixtures: type, brand, and source.
  3. For aggregates: absorption, SSD bulk specific gravity, wear, soundness, freeze thaw test results if required, and air correction factor. Also include proposed combined gradation limits and target individual gradations, including P200 limits..

**710.5.6 Aggregate Testing**

*Replace the entire text with the following effective with the January 2021 letting:*

**710.5.6.1 General**

- (1) Test aggregate gradations during concrete production. The department will accept non-random start-up testing during concrete production for the following:
  - Small quantities, as defined in 715.1.1.2, of class I concrete placed under 715.
  - Less than 400 cubic yards of class II ancillary concrete placed under the contract.

**710.5.6.2 Gradation Testing During Concrete Production**

- (1) Test aggregate gradation during concrete production batching either at a central mix batch plant or at a ready mix plant. The contractor's concrete production QC tests can be used for the same mix design on multiple contracts.
- (2) Conform to combined gradation limits either calculated using department form WS3012 or custom limits approved as a part of the contractor's quality control plan. For class II concrete, also conform to the additional combined gradation requirements specified for class I concrete in 715.2.2.
- (3) Determine the complete gradation using a washed analysis for both fine and coarse aggregates. Report results for the 1 1/2", 1", 3/4", 1/2", 3/8", #4, #8, #16, #30, #50, #100, and #200 sieves.
- (4) Contractor QC testing frequency is based on the cumulative plant production for each mix design across multiple WisDOT contracts.

**TABLE 710-1 PLANT PRODUCTION QC GRADATION TESTING FREQUENCY**

Daily Plant Production Rate for WisDOT Work	Minimum QC Frequency per Stockpile
250 cubic yards or less	one test per cumulative total of 250 cubic yards
more than 250 through 1000 cubic yards	one test per day
more than 1000 cubic yards	two tests per day

- (5) Department QV testing frequency is based on the quantity of each mix design placed under each individual WisDOT contract.

**TABLE 710-2 CONTRACT PLACEMENT QV GRADATION TESTING FREQUENCY**

Anticipated Daily Placement Rate Each WisDOT Contract	Minimum QV Frequency per Stockpile
less than or equal to 1000 cubic yards	one test per 5 days of placement
more than 1000 cubic yards	two tests per 5 days of placement

**715.2.2 Combined Aggregate Gradation**

*Replace the entire text with the following effective with the January 2021 letting:*

- (1) Ensure that the combined aggregate gradation conforms to the following, expressed as weight percentages of the total aggregate:
  1. One hundred percent passes the 2-inch sieve.
  2. For mixes containing size No. 2 stone, the percent passing the 1-inch sieve is less than or equal to 89. The engineer may waive this requirement if the clear spacing between reinforcing bars is less than 2 inches.
  3. The percent passing the No. 4 sieve is less than or equal to 42, except if the coarse aggregate is completely composed of crushed stone, up to 47 percent may pass the No. 4 sieve. For pavement, coarse aggregate may be completely composed of crushed concrete, in which case up to 47 percent may pass the No. 4 sieve.
  4. The percent passing the No. 200 sieve is less than or equal to 2.3 percent.

**716.2.1 Class II Concrete**

*Replace paragraphs four through six with the following effective with the November 2020 letting:*

- (4) Provide concrete with a 28-day compressive strength that equals or exceeds the following:
  - If the contract specifies  $f'_c$ , then  $f'_c$ .
  - If the contract does not specify  $f'_c$ , then 3000 psi.

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ERRATA

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**101.3 Definitions**

Adopt AASHTO change order definition.

**Change order** A written order to the contractor detailing changes to the specified work quantities or modifications within the scope of the original contract..

Delete existing contract change order, contract modification, and contract revision definitions.

**460.2.7(1) HMA Mixture Design**

Correct table 460-2 errata by eliminating plasticity index requirements for LT, MT, and HT mixes.

**TABLE 460-2 MIXTURE REQUIREMENTS**

Mixture type	LT	MT	HT	SMA
LA Wear (AASHTO T96)				
100 revolutions(max % loss)	13	13	13	13
500 revolutions(max % loss)	50	45	45	35
Soundness (AASHTO T104) (sodium sulfate, max % loss)	12	12	12	12
Freeze/Thaw (AASHTO T103 as modified in CMM 860.2.7) (specified counties, max % loss)	18	18	18	18
Fractured Faces (ASTM D5821 as modified in CMM 860.7.2) (one face/2 face, % by count)	65/___	75 / 60	98 / 90	100/90
Flat & Elongated (ASTM D4791) (max %, by weight)	5 (5:1 ratio)	5 (5:1 ratio)	5 (5:1 ratio)	20 (3:1 ratio)
Fine Aggregate Angularity (AASHTO T304, method A, min)	40 <sup>[1]</sup>	43 <sup>[1]</sup>	45	45
Sand Equivalency (AASHTO T176, min)	40	40 <sup>[2]</sup>	45	50
Clay Lumps and Friable Particle in Aggregate (AASHTO T112)	<= 1%	<= 1%	<= 1%	<= 1%
Plasticity Index of Material Added to Mix Design as Mineral Filler (AASHTO T89/90)				<= 4
Gyratory Compaction				
Gyrations for Nini	6	7	8	7
Gyrations for Ndes	40	75	100	65
Gyrations for Nmax	60	115	160	100
Air Voids, %Va (%Gmm Ndes)	4.0 (96.0)	4.0 (96.0)	4.0 (96.0)	4.5 (95.5)
% Gmm Nini	<= 91.5 <sup>[3]</sup>	<= 89.0 <sup>[3]</sup>	<= 89.0	___
% Gmm Nmax	<= 98.0	<= 98.0	<= 98.0	<= 98.0
Dust to Binder Ratio <sup>[4]</sup> (% passing 0.075/Pbe)	0.6 - 1.2 <sup>[5]</sup>	0.6 - 1.2 <sup>[5]</sup>	0.6 - 1.2 <sup>[5]</sup>	1.2 - 2.0
Voids filled with Binder (VFB or VFA, %)	68 - 80 <sup>[6]</sup> <sup>[8]</sup>	65 - 75 <sup>[6]</sup> <sup>[7]</sup> <sup>[9]</sup>	65 - 75 <sup>[6]</sup> <sup>[7]</sup> <sup>[9]</sup>	70 - 80
Tensile Strength Ratio (TSR) (AASHTO T283) <sup>[10]</sup> <sup>[11]</sup>				
no antistripping additive	0.75 min	0.75 min	0.75 min	0.80 min
with antistripping additive	0.80 min	0.80 min	0.80 min	0.80 min
Draindown (AASHTO T305) (%)	___	___	___	<= 0.30
Minimum Effective Asphalt Content, Pbe (%)	___	___	___	5.5

<sup>[1]</sup> For No 6 (4.75 mm) nominal maximum size mixes, the specified fine aggregate angularity is 43 for LT and 45 MT mixes.

<sup>[2]</sup> For No 6 (4.75 mm) nominal maximum size mixes, the specified sand equivalency is 43 for MT mixes.

<sup>[3]</sup> The percent maximum density at initial compaction is only a guideline.

<sup>[4]</sup> For a gradation that passes below the boundaries of the caution zone (ref. AASHTO M323), the dust to binder ratio limits are 0.6 - 1.6.

<sup>[5]</sup> For No 6 (4.75 mm) nominal maximum size mixes, the specified dust to binder ratio limits are 1.0 - 2.0 for LT mixes and 1.5 - 2.0 for MT and HT mixes.

<sup>[6]</sup> For No. 6 (4.75mm) nominal maximum size mixes, the specified VFB is 67 - 79 percent for LT mixes and 66 - 77 percent for MT and HT mixes.

<sup>[7]</sup> For No. 5 (9.5mm) and No. 4 (12.5 mm) nominal maximum size mixtures, the specified VFB range is 70 - 76 percent.

<sup>[8]</sup> For No. 2 (25.0mm) nominal maximum size mixes, the specified VFB lower limit is 67 percent.

<sup>[9]</sup> For No. 1 (37.5mm) nominal maximum size mixes, the specified VFB lower limit is 67 percent.

<sup>[10]</sup> WisDOT eliminates freeze-thaw conditioning cycles from the TSR test procedure.

<sup>[11]</sup> Run TSR at asphalt content corresponding to 3.0% air void regressed design, or 4.5% air void design for SMA, using distilled water for testing.

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**513.2.1(2) General**

Correct errata by changing the CMM reference from 875.2 to 875.4.

- (2) Conform to the department's certification method of acceptance, as defined in CMM 875.4, for railing and railing components. Furnish a certificate of compliance for miscellaneous hardware.
- 

**531.1(1) Description**

Correct errata by adding structural steel sign supports constructed under 635.

- (1) This section describes constructing drilled shaft foundations for the following:
- Overhead sign structures constructed under 532.
  - High mast light towers constructed under 532.
  - Structural steel sign supports constructed under 635.
  - Camera poles constructed under 677.
- 

**635.3.1(1) Structural Steel Sign Supports**

Correct errata by adding "type NS" concrete footings.

- (1) Locate and erect the supports as specified for placement and orientation in 637.3.3.2. Construct Type NS concrete footings conforming to 531.
- 

**654.5(2) Payment**

Correct errata by changing excavating to drilling.

- (2) Payment for the Bases bid items is full compensation for providing concrete bases; for embedded conduit and electrical components; for anchor templates, rods, nuts, and washers; for bar steel reinforcement; and for drilling and backfilling.
-

### ADDITIONAL SPECIAL PROVISION 7

- A. Reporting 1<sup>st</sup> Tier and DBE Payments During Construction
1. Comply with reporting requirements specified in the department's Civil Rights Compliance, Contractor's User Manual, Sublets and Payments.
  2. Report payments to all DBE firms within 10 calendar days of receipt of a progress payment by the department or a contractor for work performed, materials furnished, or materials stockpiled by a DBE firm. Report the payment as specified in A(1) for all work satisfactorily performed and for all materials furnished or stockpiled.
  3. Report payments to all first tier subcontractor relationships within 10 calendar days of receipt of a progress payment by the department for work performed. Report the payment as specified in A(1) for all work satisfactorily performed.
  4. All tiers shall report payments as necessary to comply with the DBE payment requirement as specified in A(2).
  5. Require all first tier relationships, DBE firms and all other tier relationships necessary to comply with the DBE payment requirement in receipt of a progress payment by contractor to acknowledge receipt of payment as specified in A(1), (2), (3) and (4).
  6. All agreements made by a contractor shall include the provisions in A(1), (2), (3), (4) and (5), and shall be binding on all first tier subcontractor relationships and all contractors and subcontractors utilizing DBE firms on the project.
- B. Costs for conforming to this special provision are incidental to the contract.

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

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

<https://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).

**Effective November 2020 letting**

### **BUY AMERICA PROVISION**

All steel and iron materials permanently incorporated in this project shall be domestic products and all manufacturing and coating processes for these materials from smelting forward in the manufacturing process must have occurred within the United States. Coating includes epoxy coating, galvanizing, painting and any other coating that protects or enhances the value of a material subject to the requirements of Buy America. The exemption of this requirement is the minimal use of foreign materials if the total cost of such material permanently incorporated in the product does not exceed one-tenth of one percent (1/10 of 1%) of the total contract cost or \$2,500.00, whichever is greater. For purposes of this paragraph, the cost is that shown to be the value of the subject products as they are delivered to the project. The contractor shall take actions and provide documentation conforming to CMM 2-28.5 to ensure compliance with this "Buy America" provision.

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

Upon completion of the project certify to the engineer, in writing using department form DT4567, that all steel, iron, and coating processes for steel or iron incorporated into the contract work conform to these "Buy America" provisions. Attach a list of exemptions and their associated costs to the certification form. Department form DT4567 is available at:

<https://wisconsindot.gov/Documents/formdocs/dt4567.docx>



## Proposal Schedule of Items

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Proposal ID: 20210112016 Project(s): 1000-20-63

Federal ID(s): N/A

SECTION: 0001 Roadway Items

Alt Set ID: Alt Mbr ID:

Proposal Line Number	Item ID Description	Approximate Quantity and Units	Unit Price	Bid Amount
0002	509.1500 Concrete Surface Repair	15.000 SF	_____.	_____.
0004	517.0600 Painting Epoxy System (structure) 01. S-13-0213	LS	LUMP SUM	_____.
0006	619.1000 Mobilization	1.000 EACH	_____.	_____.
0008	637.2210 Signs Type II Reflective H	124.000 SF	_____.	_____.
0010	637.2230 Signs Type II Reflective F	20.000 SF	_____.	_____.
0012	638.3155 Removing Overhead Sign Supports Full Span (structure) 01. S-36-0023	1.000 EACH	_____.	_____.
0014	643.5000 Traffic Control	1.000 EACH	_____.	_____.
0016	SPV.0060 Special 01. Tension Anchor Rods	62.000 EACH	_____.	_____.
0018	SPV.0060 Special 02. Remove Debris	1.000 EACH	_____.	_____.
0020	SPV.0060 Special 03. Rodent Screen	4.000 EACH	_____.	_____.
0022	SPV.0060 Special 04. Lower Structure	1.000 EACH	_____.	_____.
0024	SPV.0060 Special 05. Reinstall Truss	3.000 EACH	_____.	_____.
0026	SPV.0060 Special 06. Tension Structural Bolts	54.000 EACH	_____.	_____.
0028	SPV.0060 Special 07. Replace Truss Member	1.000 EACH	_____.	_____.
0030	SPV.0060 Special 08. Vertical Sign Support	10.000 EACH	_____.	_____.
0032	SPV.0060 Special 09. Sign Panel Connector	19.000 EACH	_____.	_____.



## Proposal Schedule of Items

Page 2 of 2

Proposal ID: 20210112016 Project(s): 1000-20-63

Federal ID(s): N/A

SECTION: 0001

Roadway Items

Alt Set ID:

Alt Mbr ID:

Proposal Line Number	Item ID Description	Approximate Quantity and Units	Unit Price	Bid Amount
0034	SPV.0060 Special 10. Adjust Sign	1.000 EACH	_____.	_____.
0036	SPV.0060 Special 11. ID Plaque	23.000 EACH	_____.	_____.
0038	SPV.0060 Special 12. Misc. Attachments	4.000 EACH	_____.	_____.
0040	SPV.0060 Special 13. Handhole Cover	1.000 EACH	_____.	_____.
0042	SPV.0060 Special 14. Conduit Plug	4.000 EACH	_____.	_____.
0044	SPV.0060 Special 15. Post/End Cap	3.000 EACH	_____.	_____.
0046	SPV.0060 Special 16. Catwalk Repair	1.000 EACH	_____.	_____.
0048	SPV.0060 Special 17. Dished Washer	11.000 EACH	_____.	_____.
0050	SPV.0060 Special 18. Replace Signal Shroud	6.000 EACH	_____.	_____.
0052	SPV.0060 Special 19. Signal Mounting Hardware	48.000 EACH	_____.	_____.
0054	SPV.0060 Special 20. Adjust Signal	14.000 EACH	_____.	_____.
Section: 0001			Total:	_____.
			Total Bid:	_____.

**PLEASE ATTACH ADDENDA HERE**