

# HIGHWAY WORK PROPOSAL

Wisconsin Department of Transportation  
DT1502 01/2020 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>
Price	1610-44-62	N/A	Prentice - Park Falls; Flambeau River Bridges B-50-21,22	STH 013
Price	1610-44-63	N/A	C Phillips, Lake Street; Elk River Bridge B-50-0019	STH 013
Price	1610-44-64	N/A	Hawkins - Bradley; Wisconsin Central Rr B-50-0048	USH 008

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

Proposal Guaranty Required: \$75,000.00 Payable to: Wisconsin Department of Transportation	Attach Proposal Guaranty on back of this PAGE.
Bid Submittal Date: September 14, 2021 Time (Local Time): 11:00 am	Firm Name, Address, City, State, Zip Code
Contract Completion Time June 16, 2023	<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: Grading, Base, Asphalt Pavement, Concrete Pavement Approaches, Milling, Culvert Pipe, Storm Sewer, Bridge Rehabilitation, Bridge Deck Overlays, Curb & Gutter, Guardrail, Pavement Markings	For Department Use Only
Notice of Award Dated	Date Guaranty Returned

**PLEASE ATTACH  
PROPOSAL GUARANTY HERE**

**Effective with November 2007 Letting**

**PROPOSAL REQUIREMENTS AND CONDITIONS**

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

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

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

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

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

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

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

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

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

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

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

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

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

## **Effective with August 2015 Letting**

### **BID PREPARATION**

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

##### **A General**

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

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

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

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

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

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

or by calling the department at (608) 266-1631. Addenda can ONLY be obtained from the 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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## **STSP'S Revised January 13, 2021**

### **SPECIAL PROVISIONS**

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

Perform the work under this construction contract for Project 1610-44-62, Prentice – Park Falls, Flambeau River Bridges B-50-21, 22, STH 13, Price County, Wisconsin; Project 1610-44-63, C Phillips, Lake Street, Elk River Bridge B-50-0019, STH 13, Price County, Wisconsin; and Project 1610-44-64, Hawkins - Bradley, Wisconsin Central RR B-50-0048, USH 8, Price County, Wisconsin as the plans show and execute the work as specified in the State of Wisconsin, Department of Transportation, Standard Specifications for Highway and Structure Construction, 2021 Edition, as published by the department, and these special provisions.

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

100-005 (20210113)

#### **2. Scope of Work.**

The work under this contract shall consist of Structures B-50-19, B-50-21, B-50-22, and B-50-48, concrete masonry, polymer overlay, concrete pavement approach slabs, excavation common, base aggregate dense, asphaltic surface, riprap, guardrail, marking and all incidental items necessary to complete the work as shown on the plans and included in the proposal and contract.

104-005 (20090901)

#### **3. Prosecution and Progress.**

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

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

##### **Migratory Birds**

Swallow or other migratory bird nests have been observed on or under the existing structure(s). All active nests (when eggs or young are present) of migratory birds are protected under the federal Migratory Bird Treaty Act. The nesting season for swallows and other birds is from April 15 to August 31.

For B-50-19 and B-50-48, either prevent active nests from becoming established, or prevent birds from nesting by installing and/or maintaining a suitable deterrent device on the remaining structure prior to nesting activity under the bid item Installing and Maintaining Bird Deterrent System. As a last resort, apply for a depredation permit from the US Fish and Wildlife Service for work that may disturb or destroy active nests. The need for a permit may be avoided by removing the existing bridge structure prior to nest occupation by birds, or clearing nests from all structures before the nests become active in early spring.

Any swallow or other migratory bird nests on B-50-21 and B-50-22 are not anticipated to be impacted with the proposed work.



## **Fish Spawning**

There shall be no instream disturbance of North Fork of the Flambeau River, South Fork of the Flambeau River and Elk River as a result of construction activity under or for this contract, from March 1 to June 15 both dates inclusive, in order to avoid adverse impacts upon the spawning of fish species.

Any change to this limitation will require submitting a written request by the contractor to the engineer, subsequent review and concurrence by the Department of Natural Resources in the request, and final approval by the engineer. The approval will include all conditions to the request as mutually agreed upon by WisDOT and DNR.

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

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

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

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

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

## **Staged Construction**

The plans provide suggested construction stages to complete the work. A different construction staging plan may be implemented if approved by the engineer.

Complete construction on STH 13 and USH 8 as follows.

- Stage 1/2/3: B-50-19 – Complete all work at this bridge site including finishing within the 2022 construction season.
- Stage 1/2: B-50-21- complete all work at this bridge site including finishing within the 2022 construction season.
- Stage 1/2: B-50-22 – complete all work at this bridge site including finishing within the 2022 construction season.
- Stage 1/2: B-50-48 – complete the concrete bridge deck overlay including restoration of pavement markings to allow USH 8 to be reopened to two lanes of traffic within the 2022 construction season.
- Stage 3/4: B-50-48 – complete the polymer overlay and all remaining contract work in the 2023 construction season.

## **Interim Completion – September 29, 2022**

Complete the following construction operations by September 29, 2022:

- All work on STH 13 (B-50-19, B-50-21, and B-50-22), and fully reopen all lanes to traffic.
- Stage 1 and Stage 2 work on USH 8 (B-50-48), and fully reopen all lanes to traffic.

If the contractor fails to complete the work necessary to complete all work on STH 13 (B-50-19, B-50-21 and B-50-22), and Stage 1 and Stage 2 work on USH 8 (B-50-48), and fully reopen all lanes of traffic on both roadways by September 29, 2022, the department will assess the contractor \$1,985 in interim liquidated damages for each calendar day that the roadways remain closed after 12:01 AM, September 30, 2022. An entire calendar day will be charged for any period of time within a calendar day that the work remains incomplete beyond 12:01 AM.

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

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

##### **General**

Maintain at least one lane of traffic with a minimum clear width of 16 feet on STH 13 and 13 feet on USH 8 at all times. Control and reduce traffic to one lane with the use of flagging operations or temporary traffic signals to complete the work.

Traffic staging during work operations on Structures B-50-21 and B-50-22 is as follows:

- Stage 1 – Locate traffic partially on the southbound travel lane/shoulder and complete work on the right side of the roadway centerline.
- Stage 2 – Locate traffic partially on the northbound travel lane/shoulder and complete work on the left side of the roadway centerline.

Traffic staging during work operations on Structure B-50-19 is as follows:

- Stage 1 – Locate traffic partially on the northbound travel lane/shoulder and complete work on the left side of the roadway centerline on the sidewalk and parapet. Maintain pedestrian traffic with the use of temporary curb ramps and temporary pedestrian barricades.
- Stage 2 – Locate traffic partially on the northbound travel lane/shoulder and complete work on the left side of the roadway centerline. Maintain pedestrian traffic on the existing sidewalk with the use of temporary pedestrian barricades.
- Stage 3 - Locate traffic partially on the southbound travel lane/shoulder and complete work on the right side of the roadway centerline. Maintain pedestrian traffic on the existing sidewalk with the use of temporary pedestrian barricades.

Traffic staging during work operations on Structure B-50-48 is as follows:

- Stage 1/3 – Locate traffic partially on the eastbound travel lane/shoulder and complete work on the left side of the staging line.
- Stage 2/4 – Locate traffic partially on the westbound travel lane/shoulder and complete work on the right side of the staging line.

Do not close shoulders on both sides of STH 13 or USH 8 at the same time.

Maintain local and emergency traffic on STH 13 and USH 8 at all times.

##### **Driveways**

Maintain access to all private and commercial entrances on a minimum of a base aggregate surface at the end of each working day, unless otherwise shown on the plans. Construct driveways in stages as required to maintain traffic.

Notify the property owners of the anticipated construction schedule of any driveways at least seven calendar days prior to reconstruction of driveways. Coordinate daily access with property owners.

Maintain access to the Fifield Memorial Park/Wayside near Structure B-50-21 at all times.

The two driveways located on the east side of STH 13 near Structure B-50-19 may be closed as shown on the plans for the duration of the project.

## Wisconsin Lane Closure System Advance Notification

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

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

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

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

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

Do not perform work on, nor haul materials of any kind along or across any portion of the highway carrying STH 13 or USH 8 traffic, and entirely clear the traveled way and shoulders of such portions of the highway of equipment, barricades, signs, lights, and any other material that might impede the free flow of traffic during the following holiday and special event periods:

- From noon Friday, May 27, 2022 to 6:00 AM Tuesday, May 31, 2022 for Memorial Day;
- From noon Friday, July 1, 2022 to 6:00 AM Tuesday, July 5, 2022, for Independence Day;
- From noon Friday, September 2, 2022 to 6:00 AM Tuesday, September 6, 2022 for Labor Day;
- From noon Friday, May 26, 2023 to 6:00 AM Tuesday, May 30, 2023 for Memorial Day.

stp-107-005 (20210113)

### 6. Utilities.

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

stp-107-065 (20080501)

#### **Project 1610-44-62**

**CenturyLink (Communications) (AKA Lumen)** has underground communications facilities along STH 13 throughout the project limits for Structure B-50-21 from approximately Station 1253+39 to Station 1259+94, LT.

CenturyLink also has underground communications facilities along STH 13 from approximately Station 1480+10 to Station 1480+86, LT with crossings located at approximately Station 1480+86 and Station 1489+55. Communication facilities are also located along STH 13 from approximately Station 1480+86 to Station 1489+63, RT.

CenturyLink does not anticipate any conflicts with these facilities.

**Charter Communications (Communications)** has underground communications facilities along STH 13 throughout the project limits for Structure B-50-21 from approximately Station 1253+39 to Station 1259+94, LT. Charter also has overhead communications facilities along STH 13 throughout the project limits for Structure B-50-22 from approximately Station 1480+10 to Station 1489+63, LT.

Charter Communications does not anticipate any conflicts with these facilities. The existing communication facility crosses under the proposed guardrail near Station 1254+92, RT.

**Park Falls Municipal Water Utility (Water)** has underground water facilities that cross STH 13 at approximately Station 1489+62 within the project limits for Structure B-50-22.

Park Falls Municipal Water Utility does not anticipate any conflicts with these facilities.

**Park Falls Water and Sewer Department (Sanitary Sewer)** has underground sanitary sewer facilities along STH 13 for the project limits of Structure B-50-22 from approximately Station 1488+83 to Station 1489+27, LT & RT.

Park Falls Water and Sewer Department does not anticipate any conflicts with these facilities.

**Price County Telephone Company (Communications) (AKA Norvado)** has underground communications facilities along STH 13 throughout the project limits for Structure B-50-22 from approximately Station 1480+10 to Station 1489+63, LT.

Price County Telephone Company does not anticipate any conflicts with these facilities.

**Price Electric Cooperative Inc. (Electric)** has overhead electric facilities along STH 13 throughout the project limits for Structure B-50-21 from approximately Station 1253+39 to Station 1259+94, LT.

Price Electric Cooperative does not anticipate any conflicts with these facilities.

**Xcel Energy (Electric)** has underground and overhead electric facilities along STH 13 throughout the project limits for Structure B-50-22 from approximately Station 1480+10 to Station 1489+63, LT with crossings at approximately Station 1481+03 and Station 1489+06.

Xcel Energy does not anticipate any conflicts with these facilities.

#### **Project 1610-44-63**

The following utility owners have facilities within the construction limits; however, no conflicts are anticipated:

**Philips Municipal Water Works (Sanitary Sewer)** has underground sanitary sewer facilities along STH 13 throughout the project limits of Structure B-50-19 from approximately Station 661+33 to Station 663+40, RT.

Philips Municipal Water Works does not anticipate any conflicts with these facilities.

**Philips Municipal Water Works (Water)** has underground water facilities along STH 13 throughout the project limits of Structure B-50-19 from approximately Station 661+33 to Station 663+40, RT.

Philips Municipal Water Works does not anticipate any conflicts with these facilities.

**Price County Telephone Company (Communication)** has underground communications facilities along STH 13 throughout the project limits of Structure B-50-19 from approximately Station 661+33 to Station 663+40, LT. Communications facilities are also attached to the underside of Structure B-50-19 along the left side of STH 13.

Price County Telephone Company does not anticipate any conflicts with these facilities.

**Xcel Energy (Electric)** has overhead electric facilities along STH 13 from approximately Station 661+33 to Station 661+46, LT. Xcel Energy also has underground electric facilities along STH 13 from approximately Station 661+46 to Station 663+19, LT. Electric facilities are also attached to the underside of Structure B-50-19 along the left side of STH 13.

Xcel Energy does not anticipate any conflicts with these facilities.

**Xcel Energy (Gas)** has underground gas facilities along STH 13 throughout the project limits of Structure B-50-19 from approximately Station 661+33 to Station 663+19, LT. Gas facilities are also attached to the underside of Structure B-50-19 along the left side of STH 13.

Xcel Energy does not anticipate any conflicts with these facilities.

## **Project 1610-44-64**

The following utility owners have facilities within the construction limits, however no conflicts are anticipated:

**Xcel Energy (Electric)** has overhead electric facilities along USH 8 throughout the project limits of Structure B-50-48 from approximately Station 772+45 to Station 774+19, RT.

Xcel Energy does not anticipate any conflicts with these facilities.

## **7. Other Contracts.**

The department is undertaking an asphalt resurfacing project on STH 13 under a department contract by others in 2022 for Project 1610-44-73, Prentice – Park Falls, Walnut St to N Fk Flambeau Rvr Bridge, Price County. The project limits will be from Walnut Street in Fifield to the south approach of Structure B-50-22 over the North Fork Flambeau River. Work is planned under flagging conditions.

Coordinate work on the south approach of B-50-22 with others.

The department is undertaking an asphalt replacement project on STH 13 under a department contract by others in 2023 for Project 1610-44-71, C Phillips, Lake Street, CTH D – CTH F, Price County. The project limits will be from CTH D in Phillips to Structure B-50-19 over the Elk River. Work is planned under flagging conditions and a detour.

## **8. Railroad Insurance and Coordination - Fox Valley and Lake Superior Railroad and Wisconsin Central Ltd (CN).**

### **A Description**

Comply with standard spec 107.17 for all work affecting Fox Valley and Lake Superior Railroad and Wisconsin Central Ltd (CN) property and any existing tracks.

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

In addition to standard spec 107.26, provide railroad protective liability insurance coverage as specified in standard spec 107.17.3.

Insurance is filed in the name of Fox Valley and Lake Superior Railroad System and Wisconsin Central Ltd and Its Parents (CN)

Notify evidence of the required coverage, and duration to Jackie Macewicz, Manager Public Works; 3912 S. Pokegama Road, Superior, WI 54880; Telephone (715) 345-2503; E-mail: [Jackie.macewicz@cn.ca](mailto:Jackie.macewicz@cn.ca).  
and

Amanda Haggerty, Office Administrator; 1890 E Johnson Street, Madison, WI 53704; Telephone (608) 620-2048; E-mail: [ahaggerty@watcocompanies.com](mailto:ahaggerty@watcocompanies.com).

Also send a copy to the following: Anna Davey, NW and NC Region Railroad Coordinator; 1701 N 4th Street, Superior, WI 54880; Telephone (715) 392-7960; E-mail: [anna.davey@dot.wi.gov](mailto:anna.davey@dot.wi.gov).

Include the following information on the insurance document:

- Project ID: 1610-44-63 and 1610-44-64
- Work Performed: Concrete and epoxy overlay, slope paving maintenance

#	Route Name	City/County	Crossing ID	RR Subdivision	RR Milepost
1	USH 8	Prentice/Price County	691 359J	Bradley Sub	175.42
2	STH 13	Phillips/Price County	699561W (580' South)	Ashland Sub	359.12

## A.2 Train Operation

#	Passenger Train Volume	Passenger Train Speed	Freight Train Volume	Freight Train Speed	Frequency	Switch Train Comment*
1	0	0	2	35	Weekly	No switch trains
2	0	0	2	40	Daily	No switch trains

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

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

### Construction Contact

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

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

### Flagging Contact

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

### Cable Locate Contact

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

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

## A.4 Work by Railroad

The railroad will perform the work described in this section, except for work described in other special provisions, and will be accomplished without cost to the contractor. None

## A.5 Temporary Grade Crossing

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

stp-107-026 (20200629)

## 9. Information to Bidders, U.S. Army Corps of Engineers Section 404 Permit.

The department has obtained a U.S. Army Corps of Engineers Section 404 permit. Comply with the requirements of the permit in addition to requirements of the special provisions. A copy of the permit is available from the regional office by contacting Kai Kilen at (715) 365-5741.

stp-107-054 (20210113)

## 10. Information to Bidders, WPDES General Construction Storm Water Discharge Permit.

The department has obtained coverage through the Wisconsin Department of Natural Resources to discharge storm water associated with land disturbing construction activities of this contract under the Wisconsin Pollutant Discharge Elimination System General Construction Storm Water Discharge Permit (WPDES Permit No. WI-S066796-1). A certificate of permit coverage is available from the regional office by contacting Kai Kilen at (715) 365-5741. Post the permit in a conspicuous place at the construction site.

stp-107-056 (20180628)

## 11. Erosion Control.

*Add the following to standard spec 107.20:*

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

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

ncr-107-050 (20141015)

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

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

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

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

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

Use the following inspection and removal procedures:

1. Before leaving the contaminated site, wash machinery and ensure that the machinery is free of all soil and other substances that could possibly contain exotic invasive species;
2. Drain all water from boats, trailers, bilges, live wells, coolers, bait buckets, engine compartments, and any other area where water may be trapped;
3. Inspect boat hulls, propellers, trailers and other surfaces. Scrape off any attached mussels, remove any aquatic plant materials (fragments, stems, leaves, seeds, or roots), and dispose of removed mussels and plant materials in a garbage can before leaving the area or invested waters; and
4. Disinfect your boat, equipment and gear by either:
  - 4.1. Washing with ~212 F water (steam clean), or
  - 4.2. Drying thoroughly for five days after cleaning with soap and water and/or high pressure water, or
  - 4.3. Disinfecting with either 200 ppm (0.5 oz per gallon or 1 Tablespoon per gallon) Chlorine for 10-minute contact time or 1:100 solution (38 grams per gallon) of Virkon Aquatic for 20- to 30-minute contact time. Note: Virkon is not registered to kill zebra mussel veligers nor invertebrates like spiny water flea. Therefore, this disinfect should be used in conjunction with a hot water (>104° F) application.

Complete the inspection and removal procedure before equipment is brought to the project site and before the equipment leaves the project site.

stp-107-055 (20130615)

## 13. Construction Over or Adjacent to Navigable Waters.

The North Fork Flambeau River, South Fork Flambeau River and Elk River are classified as state navigable waterway under standard spec 107.19.

stp-107-060 (20171130)

#### **14. Public Convenience and Safety.**

*Replace standard spec 107.8 (4) with the following:*

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

Price County Sheriff's Department  
Wisconsin State Patrol  
City of Park Falls  
City of Phillips  
Town of Fifield  
Town of Prentice  
Chequamegon School District  
Price County Highway Department  
Phillips School District  
Prentice School District  
Park Falls Post Office  
Phillips Post Office  
Fifield Post Office

The Price County Sheriff's Department 911 dispatches all area police, fire and ambulance services, and will relay any notification given by the contractor.

ncr-107-005 (20200729)

#### **15. Notice to Contractor, WisDOT RWIS Facilities.**

The WisDOT RWIS Program has underground, and overhead communications facilities located from approximately Station 1251+90 to Station 1252+00, LT and RT.

The WisDOT RWIS Program will remove and replace the sensors that are located in the STH 13 travel lanes after construction is completed. Notify the WisDOT RWIS Program 30 calendar days prior to the start of construction.

The WisDOT RWIS Program does not anticipate any conflicts with these facilities.

#### **16. Notice to Contractor, Airport Coordination.**

The project is in the vicinity of the Park Falls Municipal Airport and the Price County Airport. Check the FAA's Obstruction Evaluation and Airport Airspace Analysis (OE/AAA) Website for any notices of proposed construction to determine impacts on airspace safety. The 'Notice Criteria Tool' on the OE/AAA website should be used to see if any temporary equipment will require study:

<https://oeaaa.faa.gov/oeaaa/external/gisTools/gisAction.jsp?action=showNoNoticeRequiredToolForm>

Filing with the FAA is required a minimum of 45 days prior to the start of construction.

The contact for the Price County Airport is Michael Brill at (715) 339-3701.

The contact for the Park Falls Airport is the Park Falls City Hall at (715) 762-2436.

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

Paul Garvey, License Number All-117079, inspected Structure B-50-21 for asbestos on February 26, 2020. No regulated Asbestos Containing Material (RACM) was found on this structure. A copy of the inspection report is available from: Kai Kilen, (715) 365-5741.

John Roelke, License Number All-119523, inspected Structure B-50-48 for asbestos on July 22, 2014. No regulated Asbestos Containing Material (RACM) was found on this structure. A copy of the inspection report is available from: Kai Kilen, (715) 365-5741.

stp-107-127 (20120615)



**18. Abatement of Asbestos Containing Material B-50-19, Item 203.0210.S.01;  
Abatement of Asbestos Containing Material B-50-22, Item 203.0210.S.02.**

**A Description**

This special provision describes abating asbestos containing material on structures.

**B (Vacant)**

**C Construction**

**B-50-19:**

Paul Garvey, License Number All-117079, inspected Structure B-50-19 for asbestos on February 26, 2020. Regulated Asbestos Containing Material (RACM) was found on this structure in the following locations and quantities: gray gasket material under the aluminum railing base plates on top of the parapet approximately 40 sf.

The RACM on this structure must be abated by a licensed abatement contractor. A copy of the inspection report is available from Kai Kilen at (715) 365-5741. According to NR447 and DHS159, ensure that DNR or DHS receives a completed Notification of Demolition and/or Renovation (DNR Form 4500-113 (R 4/11), or subsequent revision) via U.S. mail, hand-delivery, or using the online notification system at least 10 working days before beginning any construction or demolition. Pay all associated fees. Provide a copy of the completed 4500-113 form and the abatement report to Kai Kilen at (715) 365-5741 and DOT BTS-ESS attn: Hazardous Materials Specialist, PO Box 7965, Madison, WI 53707-7965. In addition, comply with all local or municipal asbestos requirements.

Use the following information to complete WisDNR form 4500-113:

- Site Name: Structure B-50-19, STH 13 over Elk River
- Site Address: 0.8M N JCT CTH W
- Ownership Information: 510 North Hanson Lake Road, Rhinelander, WI 54501
- Contact: Kai Kilen
- Phone: (715) 365-5741
- Age: 50 years. This structure was constructed in 1971.
- Area: 5,186 SF of deck

**B-50-22:**

Paul M. Garvey, License Number All-117079, inspected Structure B-50-22 for asbestos on February 26, 2020. Regulated Asbestos Containing Material (RACM) was found on this structure in the following locations and quantities: gray gasket material under the aluminum railing base plates on top of the parapet approximately 25 sf.

The RACM on this structure must be abated by a licensed abatement contractor. A copy of the inspection report is available from Kai Kilen at (715) 365-5741. According to NR447 and DHS159, ensure that DNR or DHS receives a completed Notification of Demolition and/or Renovation (DNR Form 4500-113 (R 4/11), or subsequent revision) via U.S. mail, hand-delivery, or using the online notification system at least 10 working days before beginning any construction or demolition. Pay all associated fees. Provide a copy of the completed 4500-113 form and the abatement report to Kai Kilen at (715) 365-5741 and DOT BTS-ESS attn: Hazardous Materials Specialist, PO Box 7965, Madison, WI 53707-7965. In addition, comply with all local or municipal asbestos requirements.

Use the following information to complete WisDNR form 4500-113:

- Site Name: Structure B-50-22, STH 13 over the North Fork Flambeau River
- Site Address: 2.6M N JCT STH 70
- Ownership Information: WisDOT North Central Region, 510 North Hanson Lake Rd., Rhinelander, WI 54501
- Contact: Kai Kilen
- Phone: (715) 365-5741
- Age: 48 years. This structure was constructed in 1973.
- Area: 18,866 SF of deck

Insert the following paragraph in Section 6.g.:

If asbestos not previously identified is found or previously non-friable asbestos becomes crumbled, pulverized, or reduced to a powder, stop work immediately, notify the engineer, and the engineer will notify the department's Bureau of Technical Services at (608) 266-1476 for an emergency response as specified in standard spec 107.24. Keep material wet until it is abated or until it is determined to be non-asbestos containing material.

#### **D Measurement**

The department will measure Abatement of Asbestos Containing Material (B-50-19) Abatement of Asbestos Containing Material (B-50-22), completed in according to the contract and accepted, as a single complete lump sum unit of work.

#### **E Payment**

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

ITEM NUMBER	DESCRIPTION	UNIT
203.0210.S.01	Abatement of Asbestos Containing Material B-50-19	LS
203.0210.S.02	Abatement of Asbestos Containing Material B-50-22	LS

Payment is full compensation for submitting necessary forms; removing all asbestos; and for properly disposing of all waste materials.

stp-203-005 (20120615)

### **19. Debris Containment B-50-48, Item 203.0225.S.01.**

#### **A Description**

This special provision describes providing a containment system to prevent debris, chippings, saw cut slurry, or any other waste from structure removal, reconstruction, or other construction or maintenance operations from falling onto facilities, railways, waterways, or wetlands located under or adjacent to the structure. Using this containment system does not relieve the contractor of requirements under standard spec 107.17 and standard spec 107.19 or requirements under a U.S. Army Corps of Engineers Section 404 Permit.

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

#### **C Construction**

Before starting work, submit a debris containment plan to the engineer for review. Incorporate engineer-requested modifications. Do not start work over Wisconsin Central Ltd. until the engineer approves the debris containment plan.

Maintain adequate protection throughout construction for people and property within the potential fall zone. Install a containment system that maintains existing vertical clearance to the facilities below and is capable of protecting underlying facilities from falling construction debris before beginning deck repair, parapet removal, or other operations that may generate debris.

At least 15 working days before conducting potential debris generating operations, contact the following owners or lessees:

Jackie Macewicz, Manager Public Works, 3192 S. Pokegama Road, Superior, WI 54880;

Telephone (715) 345-2503; Email [Jackie.macewicz@cn.ca](mailto:Jackie.macewicz@cn.ca)

Upon completion of the work or when directed by the engineer, remove the debris containment system.

#### **D Measurement**

The department will measure Debris Containment B-50-48 as a single lump sum unit of work for each structure, 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
203.0225.S.01	Debris Containment B-50-48	LS

Payment for Debris Containment is full compensation supplying a debris containment plan; and for furnishing, installing, maintaining, and removing a debris containment system.

stp-203-010 (20200629)

## **20. Removing Old Structure Over Waterway Station 661+95.62, Item 203.0500.S.01.**

Conform to standard spec 203 as modified in this special provision.

*Add the following to standard spec 203:*

### **203.3.6 Removals Over Waterways and Wetlands**

#### **203.3.6.1 Removing Old Structure Over Waterway**

- (1) Remove the existing Structure B-50-19 over the Elk River conforming to the contractor's approved structure removal and clean-up plan. Remove all reinforcing steel, all concrete, and all other debris that falls into the waterway or wetland. Remove large pieces of the structure within 36 hours. The contractor may leave limited amounts of small concrete pieces scattered over the waterway floor or wetland only if the engineer allows.
- (2) Submit a structure removal and clean-up plan as part of the erosion control implementation plan required under standard spec 107.20. Do not start work under the structure removal and clean-up plan without the department's written approval of the plan. Include the following information in the structure removal and clean-up plan:
  1. Methods and schedule to remove the structure.
  2. Methods to control potentially harmful environmental impacts.
  3. Methods for removing piers and abutments. If blasting in water, include restrictions that regulatory agencies and the contract require.
  4. Methods for cleaning the waterway or wetlands.
- (3) If stockpiling spoil material, place it on an upland site an adequate distance from the waterway, wetland, or any open water created by excavation. Install silt fence between the spoil pile and the waterway, wetland, or excavation site.

*Add the following Removing Old Structure bid item to standard spec 203.5.1:*

ITEM NUMBER	DESCRIPTION	UNIT
203.0500.S.01	Removing Old Structure Over Waterway Station 661+95.62	LS

stp-203-015 (20190618)

## **21. Asphaltic Surface.**

*Replace standard spec 465.2 (1) with the following:*

Under the Asphaltic Surface bid item submit a mix design. Furnish asphaltic mixture meeting the requirements specified for HMA Pavement Type MT under standard spec 460.2; except the engineer will not require the contractor to conform to the quality management program specified under standard spec 460.2.8.

ncr-465-005 (20160401)

## **22. Expansion Device, Item 502.3101.**

### **A Description**

This special provision describes furnishing and installing an expansion device as the plans show conforming to standard spec 502 as modified in this special provision.

## B Materials

Furnish components for the Expansion Device System from an approved fabricator selected from the department's approved product list of Fabricated Bridge Components – Expansion Devices.

To be eligible for this project, expansion devices from other manufacturers must be pre-approved before the bid closing date. Applications for pre-approval may be submitted at any time. Prepare the application according to the department requirements. If needed, obtain information and assistance with the pre-approval process from the Structures Maintenance Section in the Bureau of Structures, by sending an email to the following address: DOTDLStructuresFabrication@dot.wi.gov.

Expansion device strip seal gland size requirement of 4-inches, 5-inches, and 6-inches shall be as the plans show.

The minimum thickness of the polychloroprene strip seal shall be 1/4 inch for non-reinforced elastomeric glands and 1/8 inch for reinforced glands. Furnish the strip seal gland in lengths suitable for a continuous one-piece installation at each individual expansion joint location. Provide preformed polychloroprene strip seals that conform to the requirements ASTM D3542, and have the following physical properties:

Property Requirements	Value	Test Method
Tensile Strength, min.	2000 psi	ASTM D412
Elongation @ Break, min	250%	ASTM D412
Hardness, Type A, Durometer	55 ± 5 pts.	ASTM D2240
Compression Set, 70 hours @212°F, max.	35%	D395 Method B Modified
Ozone Resistance, after 70 hrs. at 100°F under 20% Strain with 100 pphm ozone	No Cracks	ASTM D1149 Method A
Mass Change in Oil 3 after 70 hr. 212°F Mass Change, max.	45%	ASTM D471

Install the elastomeric strip seal gland with tools and a lubricant adhesive recommended by the manufacturer.

Furnish manufacturer's certification for production of polychloroprene represented showing test results for the cured material supplied and certifying that it meets all specified requirements.

The steel extrusion or retainer shall conform to ASTM designation A 709 grade 36 steel. After fabrication, steel shall be galvanized conforming to the requirements ASTM A123.

Manufacturer's certifications for adhesive and steel shall attest that the materials meet the specification requirements.

stp-502-020 (20210113)

## 23. Cleaning Decks to Reapply Concrete Masonry Overlay, Item 509.0505.S.

### A Description

This special provision describes cleaning the entire bridge deck after the existing concrete masonry overlay is removed, prior to placing a new concrete masonry overlay.

### B (Vacant)

### C Construction

Blast-clean the entire surface of the deck, the vertical faces of curbs, sidewalks and parapets to the depth of the adjoining concrete overlay. Blast-clean all exposed existing reinforcing steel. Repair damage to existing epoxy-coated reinforcement remaining in place that is either uncovered by or damaged by the contractor's operations. Use engineer-approved patching or repair material compatible with the existing coating and inert in concrete.

Clean the surface on which the new concrete will be placed to remove all loose particles and dust by either brooming and water pressure using a high-pressure nozzle, or by water and air pressure. Use water for cleaning that conforms to specifications for water under standard spec 501.2.4.

## D Measurement

The department will measure Cleaning Decks to Reapply Concrete Masonry Overlay by the square yard, acceptably completed.

## E Payment

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

ITEM NUMBER	DESCRIPTION	UNIT
509.0505.S	Cleaning Decks to Reapply Concrete Masonry Overlay	SY

Payment for is full compensation for cleaning the concrete surfaces.

stp-509-065 (20210113)

## 24. Polymer Overlay, Item 509.5100.S.

### A Description

This special provision describes providing two layers of a two-component polymer overlay system to the bridge decks the plans show.

### B Materials

#### B.1 General

Furnish materials specifically designed for use over concrete bridge decks. Furnish polymer liquid binders from the department's approved product list.

#### B.2 Polymer Resin

Furnish a polymer resin base and hardener composed of two-component, 100 percent solids, 100 percent reactive, thermosetting compound with the following properties:

Property	Requirements	Test Method
Gel Time <sup>[1]</sup>	15 - 45 minutes @ 73° to 75° F	ASTM C881
Viscosity <sup>[1]</sup>	7 - 70 poises	ASTM D2393, Brookfield RVT, Spindle No. 3, 20 rpm
Shore D Hardness <sup>[2]</sup>	60-75	ASTM D2240
Absorption <sup>[2]</sup>	1% maximum at 24 hr	ASTM D570
Tensile Elongation <sup>[2]</sup>	30% - 70% @ 7 days	ASTM D638
Tensile Strength <sup>[2]</sup>	2000 to 5000 psi @ 7 days	ASTM D638
Chloride Permeability <sup>[2]</sup>	<100 coulombs @ 28 days	AASHTO T277

<sup>[1]</sup> Uncured, mixed polymer binder

<sup>[2]</sup> Cured, mixed polymer binder

Ensure that the polymer resin when mixed with aggregate has the following properties:

Property	Requirement <sup>[1]</sup>	Test Method
Minimum Compressive Strength	1,000 psi @ 8 hrs 5,000 psi @ 24 hrs	ASTM C579 Method B, Modified <sup>[2]</sup>
Thermal Compatibility	No Delaminations	ASTM C884
Minimum Pull-off Strength	250 psi @ 24 hrs	ASTM C1583

<sup>[1]</sup> Based on samples cured or aged and tested at 75°F

<sup>[2]</sup> Plastic inserts that will provide 2-inch by 2-inch cubes shall be placed in the oversized brass molds.

### B.3 Aggregates

Furnish natural or synthetic aggregate that is non-polishing; clean; free of surface moisture; fractured or angular in shape; free from silt, clay, asphalt, or other organic materials; and conform to the following:

#### Aggregate Properties

Property	Requirement	Test Method
Moisture Content <sup>[1]</sup>	1/2 of the measured aggregate absorption, %	ASTM C566
Hardness	≥6.5	Mohs Scale
Fractured Faces	100% with at least 1 fractured face & 80% with at least 2 fractured faces of material retained on No.16	ASTM D5821
Absorption	≤1%	ASTM C128

<sup>[1]</sup> Sampled and tested by the department before placement.

#### Gradation

Sieve Size	% Passing by Weight
No. 4	100
No. 8	30 – 75
No. 16	0 – 5
No. 30	0 – 1

### B.4 Approval of Bridge Deck Polymer Overlay System

A minimum of 20 working days before application, submit product data sheets and specifications from the manufacturer, and a certified report of test or analysis from an independent laboratory to the engineer for approval. The department will sample and test the aggregates for gradation and moisture content before placement. If requested, supply the department with samples of the polymer for the purpose of acceptance testing.

#### B.4.1 Product Data Sheets and Specifications

Product data sheets and specifications from the manufacture consists of literature from the manufacturer showing general instructions, application recommendations/methods, product properties, general instructions, or any other applicable information.

#### B.4.2 Certified Report of Test or Analysis

Conform to the following:

Polymer Binder: Submit a certified report of test or analysis from an independent laboratory dated less than 3 years before the date of the project letting showing the polymer binder meets the requirements of section B.2.

Aggregates: Submit a certified report of test or analysis from an independent laboratory dated less than 6 months before the date of the project letting showing the aggregates meet the requirements of section B.3.

## C Construction

### C.1 General

Ensure that the overlay system is 1/4 inch thick or thicker.

Conform to the following:

Field Review: Conduct a field review of the existing deck to identify any possible surface preparation and material compatibility issues.

Pre-Installation Meeting: Conduct a pre-installation meeting with the manufacturer's representative and the engineer before construction. Discuss the field review findings, verification testing of the surface preparation and establish procedures for maintaining optimum working conditions and coordination of work. Furnish the engineer a copy of the recommended procedures and apply the overlay system according to the manufacturer's instructions. Supply for the engineer's use for the duration of the project, a Concrete Surface Profile (CSP) chip set of 10 from the International Concrete Repair Institute (ICRI).

**Manufacturer's Representative:** An experienced manufacturer's representative familiar with the overlay system installation procedures shall be present at all times during surface preparation and overlay placement to provide quality assurance that the work is being performed properly. This requirement may be reduced at the engineer's discretion.

**Material Storage:** Store and handle materials according to the manufacturer's recommendations. Store resin materials in their original containers in a dry area. Store all aggregates in a dry environment and protect aggregates from contaminants on the job site.

## **C.2 Deck Preparation**

### **C.2.1 Deck Repair**

Remove all asphaltic patches and unsound or disintegrated areas of the concrete decks as the plans show, or as the engineer directs. Work performed to remove and repair the concrete deck will be paid for under other items.

Use deck patching products that are compatible with the overlay system. Patching materials with magnesium phosphate shall not be used. Place patches after surface is prepared via shot blasting and cleaning as described in Section C.2.2 of this specification. Portland cement concrete patches shall be used for joint repairs and full depth deck repairs with a plan area larger than 4 sf, unless approved otherwise by the Structures Design Section. If rapid-set concrete is used, place patches per the manufacturer's recommendation. If Portland cement concrete is used, place patches per standard spec 509.3.9.1.

Deck patching shall be filled and properly finished prior to overlay placement. Do not place overlay less than 1 hour, or per the manufacturer's recommendation, after placing rapid-set concrete patches in the repair areas. Do not place overlay less than 28 days after placing Portland cement concrete patches in the repair areas.

### **C.2.2 Surface Preparation**

Determine an acceptable shotblasting machine operation (size of shot, flow of shot, forward speed, and/or number of passes) that provides a surface profile meeting CSP 5 (medium-heavy shotblast) according to the ICRI Technical Guideline No. 310.2. If the engineer requires additional verification of the surface preparation, test the tensile bond strength according to ASTM C1593. The surface preparation will be considered acceptable if the tensile bond strength is greater than or equal to 250 psi or the failure area at a depth of 1/4 inches or more is greater than 50 percent of the test area. Continue adjustment of the shotblasting machine and necessary testing until the surface is acceptable to the engineer or a passing test result is obtained.

Prepare the entire deck using the final accepted adjustments to the shotblasting machine as determined above. Thoroughly blast clean with hand-held equipment any areas inaccessible by the shotblasting equipment. Do not perform surface preparation more than 24 hours before the application of the overlay system.

Protect drains, expansion joints, access hatches, or other appurtenances on the deck from damage by the shot and sand blasting operations and from materials adhering and entering. Tape or form all construction joints to provide a clean straight edge.

Before shot blasting, remove pavement markings within the treatment area using an approved mechanical or blasting method.

Prepare the vertical concrete surfaces adjacent to the deck a minimum of 2" above the overlay according to SSPC-SP 13 (free of contaminants, dust, and loose concrete) by sand blasting, using wire wheels, or other approved method.

Just before overlay placement, clean all dust, debris, and concrete fines from the prepared surfaces including the vertical surfaces with compressed air. When using compressed air, the air stream must be free of oil. Any grease, oil, or other foreign matter that rests on or has absorbed into the concrete shall be removed completely. If prepared surfaces (including the first layer of the polymer overlay) are exposed to rain or dew, lightly sandblast (brush/breeze blast) the exposed surfaces.

The engineer may consider alternate surface preparation methods per the overlay system manufacture's recommendations. The engineer will approve the final surface profile and deck cleanliness before the contractor placing the polymer overlay.

### **C.2.3 Transitional Area**

If the plans show, create a transitional area approaching transverse expansion joints and ends of the deck using an approved mechanical or blasting method. Remove 1/4 inch to 5/16 inch of concrete adjacent to the joint or end of deck and taper a distance of 3 feet.

If the plans show, create a transitional area on the approach pavement. Prep and place the first lift 3 feet beyond the end of the deck the same width as the deck. Prep and place the second lift 6 feet beyond the end of the deck the same width as the deck.

### **C.3 Overlay Application**

Perform the handling and mixing of the polymer resin and hardening agent in a safe manner to achieve the desired results according to the manufacturer's instructions. Do not apply the overlay system if any of the following exists:

1. Ambient air temperature is below 50 F or above 100 F.
2. Deck temperature is below 50 F.
3. Moisture content in the deck exceeds 4.5 percent when measured by an electronic moisture meter or shows visible moisture after 2 hours when measured according to ASTM D4263.
4. Rain is forecasted during the minimum curing periods listed under C.5.
5. Materials component temperatures below 65 F or above 99 F.
6. Concrete deck age is less than 28 days.
7. The deck temperature exceeds 100 F.
8. If the gel time is 10 minutes or less at the predicted high air temperature for the day.

After the deck has been shotblasted or during the overlay curing period, only necessary surface preparation and overlay application equipment will be allowed on the deck. Provide appropriate protective measures to prevent contamination from equipment allowed on the deck during preparation and application operations. Begin overlay placement as soon as possible after surface preparation operations.

The polymer overlay shall consist of a two-course application of polymer and aggregate. Each of the two courses shall consist of a layer of polymer covered with a layer of aggregate in sufficient quantity to completely cover the polymer. Apply the polymer and aggregate according to the manufacturer's requirements. Apply the overlay using equipment designed for this purpose. The application machine shall feature positive displacement volumetric metering and be capable of storing and mixing the polymer resins at the proper mix ratio. Disperse the aggregate using a method that provides a uniform, consistent coverage of aggregate and minimizes aggregate rolling or bouncing into final position. First course applications that do not receive enough aggregate before the polymer gels shall be removed and replaced. A second course applied with insufficient aggregate may be left in place but will require additional applications before opening to traffic.

After completion of each course, cure the overlay according to the manufacturer's instructions. Follow the minimum cure times listed under C.5 or as prescribed by the manufacturer. Remove the excess aggregate from the surface treatment by sweeping, blowing, or vacuuming without tearing or damaging the surface; the material may be re-used if approved by the engineer and manufacturer. Apply all courses of the overlay system before opening the area to traffic. Do not allow equipment or traffic on the treated area until directed by the engineer.

After the first layer of coating has cured to the point where the aggregate cannot be pulled out, apply the second layer. Before applying the second layer, broom and blow off the first layer with compressed air to remove all loose excess aggregate.

Before opening to traffic, clean expansion joints and joint seals of all debris and polymer. A minimum of 3 days following opening to traffic, remove loosened aggregates from the deck, expansion joints, and approach pavement.



#### C.4 Application Rates

Apply the polymer overlay in two separate courses according to the manufacturer's instructions, but not less than the following rate of application.

Course	Minimum Polymer Rate <sup>[1]</sup> (GAL/100 SF)	Aggregate <sup>[2]</sup> (LBS/SY)
1	2.5	10+
2	5.0	14+

<sup>[1]</sup> The minimum total applications rate is 7.5 GAL/100 SF.

<sup>[2]</sup> Application of aggregate shall be of sufficient quantity to completely cover the polymer.

#### C.5 Minimum Curing Periods

As a minimum, cure the coating as follows:

	Average temperature of deck, polymer and aggregate components in degrees F							
Course	50-54	55-59	60-64	65-69	70-74	75-79	80-84	85-99
1	6 hrs.	5 hrs.	4 hrs.	3 hrs.	2.5 hrs	2 hrs	1.5 hrs.	1 hr.
2	8 hrs.	6.5 hrs.	6.5 hrs.	5 hrs.	4 hrs.	3 hrs.	3 hrs.	3 hrs.

If faster cure times are desired and achievable, submit to the engineer a certified test report from an independent laboratory showing the material is able to reach a compressive strength of 1000 psi as tested per ASTM C 579 Method B within the temperature ranges and cure times for which the product is proposed to be placed. Establish ambient air, material, and substrate temperatures from the manufacturer for field applications. Field applications will not be allowed below the documented temperatures.

#### C.6 Repair of Polymer Overlay

Repair all areas of unbonded, uncured, or damaged polymer overlay for no additional compensation. Submit repair procedures from the manufacturer to the engineer for approval. Absent a manufacturer's repair procedures and with the approval of the engineer, complete repairs according to the following: Saw cut the limits of the area to the top of the concrete; remove the overlay by scarifying, grinding, or other approved methods; shot blast or sand blast and air blast the concrete before placement of polymer overlay; and place the polymer overlay according to section C.3.

#### D Measurement

The department will measure Polymer Overlay by the square yard, acceptably completed.

#### E Payment

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

ITEM NUMBER	DESCRIPTION	UNIT
509.5100.S	Polymer Overlay	SY

Payment is full compensation for preparing the surface; for tensile bond testing; for creating the transitional area; for providing the overlay; for cleanup; and for sweeping/vacuuming and disposing of excess materials.

The department will pay separately for deck repairs.

stp-509-030 (20200629)

#### 25. Removing Concrete Masonry Deck Overlay B-50-19, Item 509.9005.S.01; Removing Concrete Masonry Deck Overlay B-50-21, Item 509.9005.S.02; Removing Concrete Masonry Deck Overlay B-50-22, Item 509.9005.S.03.

##### A Description

This special provision describes removing concrete bridge deck overlays by milling the entire bridge deck as the plans show.

Conform to standard spec 204 as modified in this special provision.

## **B (Vacant)**

## **C Construction**

### **C.1 Milling**

Use a self-propelled milling machine that is specially designed and constructed for milling bridge decks. It shall mill without tearing or gouging the concrete masonry underlying the existing overlay. The machine shall consist of a cutting drum with carbide or diamond tip teeth. Space the teeth on the drum to mill a surface finish that is acceptable to the engineer.

Shroud the machine to prevent discharge of any loosened material into adjacent work areas or live traffic lanes. Equip the machine with electronic devices that provide accurate depth, grade and slope control, and an acceptable dust control system.

Perform milling in a manner that precludes damage to the bridge floor and results in a uniform textured finish that:

1. Is free of sharp protrusions;
2. Removes a minimum of 1/4 inch of the original concrete deck or slab, or to a depth the plans show;
3. Has uniform transverse grooves that measure up to 1/4 inch vertically and transversely; and
4. If applicable, is acceptable to the manufacturer of the sheet waterproof membrane.

Windrowing and storing of the removed milled concrete masonry on the bridge is only permitted in connection with the continuous removal and pick-up operation. During nonworking hours, clear the bridge of all materials and equipment.

## **D Measurement**

The department will measure Removing Concrete Masonry Deck Overlay (Structure) by the square yard, acceptably completed.

## **E Payment**

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

ITEM NUMBER	DESCRIPTION	UNIT
509.9005.S.01	Removing Concrete Masonry Deck Overlay B-50-19	SY
509.9005.S.02	Removing Concrete Masonry Deck Overlay B-50-21	SY
509.9005.S.03	Removing Concrete Masonry Deck Overlay B-50-22	SY

Payment is full compensation for removing the concrete masonry; and for properly disposing of all materials.

stp-509-005 (20210113)

## **26. Cleaning Parapets, Item 509.9050.S.**

### **A Description**

This special provision describes cleaning the inside faces and top surface of the concrete parapet as the plans show and as the engineer directs.

## **B (Vacant)**

## **C Construction**

### **C.1 Blast Cleaning Operation**

Blast clean the inside face and top surface of the concrete parapet according to SSPC SP-13 and ASTM D4259 for an abrasive blast cleaning to a surface roughness and finish as the engineer directs. Before abrasive blast cleaning operations are to begin for the entire bridge parapet, prepare a representative trial area on the parapet concrete surface, and have the method of blast cleaning approved by the engineer.

## C.2 Water Cleaning Operation

After abrasive blast cleaning operations are completed, clean the prepared parapet surface with water according to ASTM D4258. Remove with this water cleaning all dust and loose material from the parapet inside face and top that is to be coated with pigmented surface sealer. Provide an adequate drying time of the parapet inside face and top surface of at least 24 hours before coating with the pigmented surface sealer. Remove all loose concrete, dirt, dust, or blast material that remains on the bridge deck, as the engineer directs.

### D Measurement

The department will measure Cleaning Parapets in length by the linear foot of parapet, acceptably cleaned.

### E Payment

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

ITEM NUMBER	DESCRIPTION	UNIT
509.9050.S	Cleaning Parapets	LF

Payment is full compensation for abrasive blast cleaning; for water cleaning; and for all additional clean up of the concrete surface and surrounding bridge deck area.

stp-509-050 (20151210)

## 27. Reseal Crushed Aggregate Slope Paving, Item 604.9015.S.

### A Description

This special provision describes sealing existing crushed aggregate slope paving as the engineer directs and conforming to standard spec 604 as modified in this special provision.

### B Materials

Furnish materials conforming to standard spec 604.2.

### C Construction

Clean all debris from the surface of the slope paving before applying asphalt. Apply sufficient asphalt so that it penetrates to seal the top 2 inches of aggregate; where existing asphalt is closer to the surface of the aggregate, apply less asphalt.

### D Measurement

The department will measure Reseal Crushed Aggregate Slope Paving in area by the square yard of slope paving, acceptably resealed.

### E Payment

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

ITEM NUMBER	DESCRIPTION	UNIT
604.9015.S	Reseal Crushed Aggregate Slope Paving	SY

Payment is full compensation for cleaning the surface, furnishing and applying the asphalt.

stp-604-015 (20100709)

## 28. MGS Guardrail Short Radius Terminal.

*Supplement standard spec 614.3 as follows:*

An existing communication facility crosses under the proposed guardrail near Station 1254+92, RT. Excavate and place the two adjacent guardrail posts by hand or other methods approved by the engineer.

## **29. Field Office.**

*Add the following to standard spec 642:*

For field offices without indoor handwashing facilities, provide and maintain a portable handwashing station at every project field office. The station shall include a hands-free sink with foot pump-operated faucet, soap dispenser, paper towel dispenser, fresh water supply, and collection tank for gray water. When daily low temperatures fall below 40 degrees F, provide a hand sanitizing station consisting of lotion and/or wipes inside the field office within 2 feet of the field office entry. Regularly service and maintain the stations and all supplies as needed, and properly dispose of all materials. Costs associated with the handwashing station are incidental to the field office bid item.

stp-642-010 (20210113)

*Add the following to standard spec 642.3:*

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

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

ncr-642-005 (20160406)

## **30. Traffic Control.**

*Add the following to standard spec 643.3.1:*

Lighting devices shall be covered or rendered inoperative when not in use.

Provide the engineer and law enforcement (police, sheriff and State Patrol) the current telephone number(s) that the contractor, or their representative, can be contacted at, at all times, in the event a safety hazard develops. Repair, replace, or restore the damaged or disturbed traffic control devices within two hours from the time notified or made aware of the damaged or disturbed traffic control devices.

Promptly replace all state-owned signs that are removed by the contractor due to interference with construction operations. At no time may stop signs be removed or moved without flag persons present.

*Add the following to standard spec 104.6.1.2.2:*

Provide a dedicated person or alternate method to guide traffic travelling alongside or near moving operations such as milling, paving, and shouldering.

ncr-643-005 (20190703)

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

For this project, the spotting sight distance in areas with a 55 mph posted speed limit is 0.26 miles (1373 feet).

stp-648-005 (20060512)

## **32. Installing and Maintaining Bird Deterrent System B-50-19, Item 999.2000.S.01; Installing and Maintaining Bird Deterrent System B-50-48, Item 999.2000.S.02;**

### **A Description**

This special provision describes inspecting, installing and/or maintaining approved deterrents that prevent migratory bird nesting on bridges and culverts. Swallows or other migratory birds' nests have been observed on or under the existing culvert or bridge at the station identified. All active nests (when eggs or young are present) of migratory birds are protected under the federal Migratory Bird Treaty Act.

## **B Materials**

### **B.1 Hardware and Lumber**

Pressure treated lumber shall conform to the requirements of standard spec 507.

Hardware and fastening devices shall be either galvanized or stainless steel. Fastening device and system must be approved by the engineer prior to installation on culverts and bridges that will remain in service after removal of deterrent systems. The method of fastening should not compromise the culvert or bridge concrete surfaces or steel protection systems. The attachment locations must be restored and repaired as needed by use of engineer approved fillers, sealers and paint systems.

### **B.2 Netting Materials**

Exclusion netting is material either wrapped around or draped and fastened to bridge decks/abutments and culvert corners to prevent bird entry.

Furnish exclusionary netting to deter nesting in bridge decks and abutments and corners of box culverts, consisting of either:

- a. 1/2" x 1/2" or 3/4" x 3/4" knotless, flame resistant, U.V. stabilized polyethylene netting with minimum 40-pound breaking strength per strand, or engineer proved equal.
- b. Galvanized wire mesh (hardware cloth) with a wire diameter of .040 inches (19-gauge) and opening width of 1/2-inch.

Furnish 1" x 2" pressure treated lumber of equal length as the netting.

### **B.3 Plastic Strip Curtain**

Plastic strip curtains are strips of plastic attached to vertical surfaces in areas suitable for nesting.

Furnish 3-foot wide lengths of 6 mil minimum plastic sheeting with the lower 2 feet cut into vertical strips 2 inches wide.

Furnish 1" x 2" treated wood and galvanized staples to attach plastic strips to wood to fabricate the strip curtain.

Furnish concrete screws to attach strip curtain to structure.

### **B.4 Corner Slope Materials**

Corner slopes are pieces of curved plastic placed in corners suitable for nesting. They are particularly effective in preventing nesting in top corners of box culverts.

Furnish U.V. stabilized pre-fabricated PVC or polycarbonate corner slopes from commercial bird-deterrent manufacturers such or an approved equal.

## **C Construction**

### **C.1 General**

If active nests are observed after construction starts, or if a trapped bird or an active nest is found, stop work that may affect birds or their nests, and notify the engineer to consult with the Wisconsin Department of Natural Resources transportation liaison at Wendy Henniges, at (715) 365-8916, or the department regional environmental coordinator Greer Lundquist, at (715) 365-5758.

Efforts should be made to release trapped birds, unharmed.

### **C.2 Nest Removal**

Remove unoccupied nests prior to the beginning of the nesting season as designated in Prosecution and Progress. Nest removal involves the removal and disposal of unoccupied or partially constructed nests without eggs or nestlings. Removing all evidence of nesting (e.g. cleaning droppings from structures) eliminates a visual cue for a potential breeding location, especially for first-time breeders. Nest removal is not a type of deterrent and does not prevent nest establishment but can delay the process. As such, it should only be used in conjunction with other methods. It cannot be used on its own to ensure compliance. However, nest removal is not required if deterrents are installed before the start of the avoidance window.

Remove nests on the structure by scraping or pressure washing prior to established avoidance windows to deter nesting. Remove only unoccupied or partially constructed nests without eggs or nestlings. Remove newly built nests every two days before eggs are laid. Nest removal is intended to be used prior to and in conjunction with other nesting deterrents.

### **C.3 Exclusion Netting**

#### **C.3.1 Installation**

Using concrete screws, anchor lumber to bridge or culvert along perimeter of intended netting. Fasten netting to lumber until netting is held taut. Eliminate any loose pockets or wrinkles that could trap and entangle birds. Ensure the net is pulled taut in order to prevent flapping in the wind, which results in tangles or breakage at mounting points.

For culverts, attach netting at a 45-degree angle at the culvert corner so it extends at least 12" below the corner.

### **C.4 Plastic Curtains**

#### **C.4.1 Installation**

Attach plastic curtains along the entire length of vertical surface or corner on which nest building is to be deterred. Affix plastic curtain strips to treated lumber with staples spaced a minimum of 1 foot O.C. Wrap plastic curtains around lumber prior to attaching it to the structure to reduce the likelihood of it tearing out at the staples. Screw lumber into the underside of the bridge deck or top of box culvert with concrete screws placed 24-inches O.C. minimum.

### **C.5 Corner Slopes**

#### **C.5.1 Installation**

Attach corner slopes to the structure per the manufacturer's recommendations. Use urethane-based adhesives if manufacturer supplied hardware or adhesives are not available or no recommendations are provided. Install end caps or seal ends of corner slopes to prevent entry of birds or other animals.

### **C.6 Inspection and Maintenance**

Inspect bird deterrent devices every 2 weeks both during and prior to construction when deterrents have been installed to exclude birds prior to nesting windows, and after large storm events or high winds. Ensure that netting is taut, that no gaps or holes have formed, and that the nets are functioning properly. Ensure that corner slopes are not cracked or otherwise damaged and are functioning properly. Ensure that curtains are undamaged, with no tears, holes, or creases. Repair any damaged or loose deterrent devices. Inspect, maintain, and repair nesting deterrents whether installed by the contractor or others. Repair, replace, supplement deterrents as necessary with materials meeting the requirements of this specification.

Remove any unoccupied or partially constructed nests without eggs or nestlings

Repair deterrents to prevent birds from attempting to nest again.

Record all inspection, removal, and maintenance activities. Provide inspection, removal and maintenance records to the engineer upon request.

### **C.7 Removal and Structure Repair**

Maintain the deterrent until the engineer determines that the deterrent is deemed no longer necessary. Upon completion of the project, remove any remaining migratory bird deterrent from the project site. If the existing bridge or culvert is to remain after construction, restore and repair as needed by use of engineer approved fillers, sealers and paint systems.

## **D Measurement**

The department will measure Installing and Maintaining Bird Deterrent System as a single unit at each structure, acceptably completed.

## **E Payment**

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

ITEM NUMBER	DESCRIPTION	UNIT
999.2000.S.01	Installing and Maintaining Bird Deterrent System B-50-19	EACH
999.2000.S.02	Installing and Maintaining Bird Deterrent System B-50-48	EACH

Payment for Installing and Maintaining Bird Deterrent System is full compensation for providing and installing deterrents that prevent migratory bird nesting; removing and disposing of unoccupied or partially constructed nests without eggs or nestlings; maintaining, repairing, replacing, supplementing, existing deterrent materials; repairing damage to structures resulting from installation of deterrents; removal and disposal of materials.

stp-999-200 (20210113)

### **33. Fertilizer for Lawn Type Turf, Item SPV.0030.01.**

#### **A Description**

This special provision describes furnishing and incorporating fertilizing material in the soil on areas of seeding or sod.

#### **B Materials**

Use fertilizers that are standard, commercial, packaged, or bulk products, in granular or liquid form conforming to Wisconsin Statutes and the Wisconsin Administrative Code Chapter ATPC 40. Ensure that each container of packaged fertilizer is plainly marked with the analysis of the contents showing minimum percentages of total nitrogen, available phosphoric acid, and soluble potash. If furnishing the fertilizer in bulk, include an invoice with each shipment indicating the minimum percentages of total nitrogen, available phosphoric acid, and soluble potash in the contents.

The total of nitrogen, phosphoric acid, and potash shall equal at least 41 percent. At least 80% of the nitrogen shall be water insoluble.

If using fertilizer with a nitrogen, phosphoric acid, and potash total greater than 41 percent, maintain a ratio of 4-1-2 (N-P-K) and apply at a rate that provides the equivalent amount of nitrogen, phosphoric acid, and potash that is provided by a fertilizer with a 41 percent total.

Provide a slow release type fertilizer with a 14-week residual effect after activation into the soil conforming to the following minimum requirements:

Nitrogen,.....	not less than 22%
Phosphoric Acid,.....	not less than 5%
Potash,.....	not less than 10%

#### **C Construction**

Uniformly apply the fertilizer to the seeding areas, and incorporate it into the soil by light discing or harrowing. If applying granular fertilizer, ensure it is well pulverized and free from lumps.

If incorporating fertilizer into topsoiled areas, apply it just before, and in conjunction with, final discing or harrowing, or if hand manipulating the topsoil, apply it just before final raking and leveling.

If fertilizing areas to receive sod, spread the fertilizer at the rate specified below uniformly over the soil before placing sod, and then work the fertilizer into the soil while preparing the earth bed as specified in standard spec 631.3.1.

Apply fertilizer containing 41 percent total of nitrogen, phosphoric acid, and potash at 7 pounds per 1000 square feet of area, unless the contract specifies otherwise. For Fertilizer for Lawn Type Turf that contains a different percentage of components, determine the application rate by multiplying the specified rate by a dimensionless factor determined as follows:

Conversion Factor = 41 / New Percentage of Components

#### **D Measurement**

The department will measure Fertilizer for Lawn Type Turf by the hundred pounds (CWT), acceptably completed, and it will be measured based on an application rate of 7 pounds per 1000 square feet. The department will not measure fertilizer used for the bid items under standard spec 632. The measured quantity equals the number of hundred-weight (CWT) of material determined by multiplying the actual number of CWT. of material incorporated by the ratio of the actual percentage of fertilizer components used to 41 percent for Fertilizer for Lawn Type Turf.

## E Payment

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

ITEM NUMBER	DESCRIPTION	UNIT
SPV.0030.01	Fertilizer for Lawn Type Turf	CWT

Payment is full compensation for providing, hauling, placing, and incorporating the fertilizer into the soil.

ncr-629-005 (20141015)

### 34. Temporary Vehicle Detection B-50-19, Item SPV.0105.01; Temporary Vehicle Detection B-50-21, Item SPV.0105.02; Temporary Vehicle Detection B-50-22, Item SPV.0105.03.

#### A Description

This special provision describes furnishing, installing, and maintaining vehicle detection systems at the temporary signalized bridge, in conjunction with temporary traffic signals. This work also includes maintaining existing detectors and using newly constructed detectors in conjunction with the temporary traffic signals.

#### B Materials

With prior approval of the engineer and department, select the vehicle detection technology best suited for the site conditions and the anticipated construction work zones and activities. The engineer reserves the right to request a demonstration of any or all temporary vehicle detection technologies prior to approval. Vehicle detection technologies considered shall include, but are not limited to, temporary inductive loops, microwave detection, or video detection. Damage to new pavement for temporary detection loops will not be allowed.

The temporary vehicle detection system shall be considered part of the temporary traffic signals and is subject to the same maintenance and repair requirements as described in the Temporary Traffic Signals for Bridges (structure) bid items. Provide all necessary equipment for the approved method of temporary vehicle detection.

#### C Construction

Make all connections necessary to use existing loop detectors when required. Make all temporary connections necessary to use newly constructed loop detectors when required. Do not use new signal conduit when using newly constructed loop detectors. Use temporary vehicle detection in place of any existing loop detectors or newly constructed loop detectors that are inoperable or if desired.

#### D Measurement

The department will measure Temporary Vehicle Detection (location), as a single complete unit of work per intersection, complete in place and accepted.

## E Payment

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

ITEM NUMBER	DESCRIPTION	UNIT
SPV.0105.01	Temporary Vehicle Detection B-50-19	LS
SPV.0105.02	Temporary Vehicle Detection B-50-21	LS
SPV.0105.03	Temporary Vehicle Detection B-50-22	LS

Payment is full compensation for demonstrating and selecting the vehicle detector technology; furnishing and installing the equipment including all required materials and supplies; cleaning up and properly disposing of waste; and using existing or newly constructed loop detectors.

ncr-661-005 (20160511)



### **35. Abutment Seat Cleaning and Sealing, Item SPV.0180.01.**

#### **A Description**

This special provision describes cleaning the top surfaces of concrete abutments and sealing them as the plans show and as the engineer directs.

#### **B Materials**

For bridge seat protection/sealing, coat the tops of abutments with a type of epoxy resin the manufacturer recommends for sealing exterior concrete surfaces, subject to the engineer's approval.

#### **C Construction**

##### **C.1 Blast Cleaning Operation**

Blast clean the top surface of the abutment according to SSPC SP-13 and ASTM D4259 for an abrasive blast cleaning to a surface roughness and finish as the engineer directs. Before abrasive blast cleaning operations are to begin, prepare a representative trial area on the abutment surface, and have the method of blast cleaning approved by the engineer. Provide means of protecting bearings and girders such that their coatings/paint are not removed or damaged during blasting operations.

##### **C.2 Water Cleaning Operation**

After abrasive blast cleaning operations are completed, clean the prepared pier cap surface with water according to ASTM D4258. Remove with this water cleaning all dust and loose material from the top surface of the abutments to be coated with epoxy for bridge seat protection. Provide an adequate drying time of at least 24 hours before coating with epoxy. Remove all loose concrete, dirt, dust, or blast material that remains in the area around the abutment, as the engineer directs.

##### **C.3 Bridge Seat Protection**

After cleaning, apply bridge seat protection epoxy per standard spec 502.3.12.

#### **D Measurement**

The department will measure Abutment Seat Cleaning and Sealing by the square yard, acceptably completed.

#### **E Payment**

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

ITEM NUMBER	DESCRIPTION	UNIT
SPV.0180.01	Abutment Seat Cleaning and Sealing	SY

Payment is full compensation for abrasive blast cleaning; for water cleaning; for all additional cleanup of the concrete surfaces and surrounding abutment areas; and for furnishing and applying bridge seat protection.

### **36. Protective Thermoplastic Coating at Snowmobile Trail Crossings, Item SPV.0180.02.**

#### **A Description**

This special provision describes furnishing and placing a three layer system of thermoplastic protective surface for HMA and concrete pavements at snowmobile crossings.

#### **B Materials**

Furnish the thermoplastic material listed below:

Geveko ViaTherm E4190-35 or Cleanosol E4190-35

A minimum of 10 working days prior to applying the thermoplastic coating, submit certification to the engineer verifying the product trade name and manufacturer. The supplier shall provide technical literature to the contractor with advice on storing, mixing, and applying, clean up, and disposing of excess materials.

### **C Construction**

Delineate the area to be coated using a string line across the full pavement width. Sweep the surface of the area to be coated to be free of all dust, dirt, and debris. The surface shall be completely dry. Place the thermoplastic coating in three layers, with the first and third layers placed perpendicular to highway traffic and the second layer placed longitudinally with highway traffic.

The handling and placement of the thermoplastic material shall follow the manufacturer's recommendations.

### **D Measurement**

The department will measure Protective Thermoplastic Coating at Snowmobile Trail Crossings in area by the square yard, acceptably completed.

### **E Payment**

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

ITEM NUMBER	DESCRIPTION	UNIT
SPV.0180.02	Protective Thermoplastic Coating at Snowmobile Trail Crossings	SY

Payment is full compensation for furnishing and hauling all materials, including thermoplastic material, silica sand; preparing the surface; mixing and applying the thermoplastic material; and removing and disposing of all excess materials.

ncr-600-005 (20200824)

## **37. Preparing Topsoil for Lawn Type Turf, Item SPV.0180.03.**

### **A Description**

This special provision describes preparing the bed of topsoil or salvaged topsoil, for seeding or placing sod.

### **B (Vacant)**

### **C Construction**

Prepare and finish the subgrade so that rocks, concrete debris, or wood larger than 3 inches in diameter are not present within 1 foot of the finished surface of the topsoil.

Remove or break down all clods and lumps in the topsoil by using harrows or discs, screening, or other appropriate methods to provide a uniformly textured soil, in which 100 percent of the topsoil passes a one-inch sieve and at least 90 percent passes a No. 10 sieve.

Remove rocks, twigs, clods, and other foreign material that will not break down, and dress the entire surface to present a uniform appearance.

Shape the topsoil so that the horizontal or sloped surface between any two points ten feet apart does not vary by more than one inch. Roll with a turf type roller to a uniform minimum compacted depth of 4 inches.

Shape and compact the topsoil adjacent to pavements, sidewalks, and curbs to 1 inch below the top of the abutting surface. Before seeding, correct locations that vary by more than ¼-inch.

### **D Measurement**

The department will measure Preparing Topsoil for Lawn Type Turf, acceptably completed in area by the square yard.

### **E Payment**

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

ITEM NUMBER	DESCRIPTION	UNIT
SPV.0180.03	Preparing Topsoil for Lawn Type Turf	SY

Payment is full compensation for preparing the subgrade and topsoil bed for sod or seed as described above.

ncr-625-005 (20150430)

**38. Pigmented Surface Reseal, Item SPV.0180.04.**

**A Description**

This special provision describes resealing the inside and top faces of parapets of existing structures with pigmented surface sealer.

**B Materials**

Furnish a gray pigmented surface sealer selected from the department's approved products list.

**C Construction**

Apply pigmented surface sealer conforming to standard spec 502.2.11 to the inside and top faces of parapets, including parapets on abutment wings.

Clean and dry surfaces before sealing. Immediately before sealing, direct air blast over the surface to remove dust and any loose particles. Ensure that application equipment is clean inside before filling and that the equipment is functioning properly.

Ensure that the concrete is surface-dry for a minimum of one day before application. Delay application if rain is expected, or protect from rain for up to 12 hours after application.

Use the manufacturer's recommended methods. Apply at the rate the manufacturer recommends unless that rate causes ponding.

Complete resealing before opening to traffic and before suspending work for the winter.

**D Measurement**

The department will measure Pigmented Surface Reseal by the square yard, acceptably completed.

**E Payment**

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

ITEM NUMBER	DESCRIPTION	UNIT
SPV.0180.04	Pigmented Surface Reseal	SY

Payment is full compensation for resealing, including surface preparation and cleaning. No extra measurement or payment will be made for overlap areas.

**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 PROPOSALREQUIRED 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.

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**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.

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**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.

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**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 470 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: 20210914016 Project(s): 1610-44-62, 1610-44-63, 1610-44-64

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

SECTION: 0001

Contract Items

Alt Set ID:

Alt Mbr ID:

Proposal Line Number	Item ID Description	Approximate Quantity and Units	Unit Price	Bid Amount
0002	201.0105 Clearing	2.000 STA	_____.	_____.
0004	201.0205 Grubbing	2.000 STA	_____.	_____.
0006	203.0210.S Abatement of Asbestos Containing Material (structure) 01. B-50-19	LS	LUMP SUM	_____.
0008	203.0210.S Abatement of Asbestos Containing Material (structure) 02. B-50-22	LS	LUMP SUM	_____.
0010	203.0225.S Debris Containment (structure) 01. B-50-48	LS	LUMP SUM	_____.
0012	203.0500.S Removing Old Structure Over Waterway (station) 01. Station 661+95.62	LS	LUMP SUM	_____.
0014	204.0100 Removing Concrete Pavement	660.000 SY	_____.	_____.
0016	204.0105 Removing Pavement Butt Joints	163.000 SY	_____.	_____.
0018	204.0110 Removing Asphaltic Surface	271.000 SY	_____.	_____.
0020	204.0115 Removing Asphaltic Surface Butt Joints	340.000 SY	_____.	_____.
0022	204.0120 Removing Asphaltic Surface Milling	2,490.000 SY	_____.	_____.
0024	204.0150 Removing Curb & Gutter	59.000 LF	_____.	_____.
0026	204.0165 Removing Guardrail	922.000 LF	_____.	_____.
0028	204.0190 Removing Surface Drains	2.000 EACH	_____.	_____.
0030	204.0220 Removing Inlets	4.000 EACH	_____.	_____.



## Proposal Schedule of Items

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Proposal ID: 20210914016 Project(s): 1610-44-62, 1610-44-63, 1610-44-64

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

SECTION: 0001

Contract Items

Alt Set ID:

Alt Mbr ID:

Proposal Line Number	Item ID Description	Approximate Quantity and Units	Unit Price	Bid Amount
0032	204.0245 Removing Storm Sewer (size) 01. 12-inch	8.000 LF	_____.	_____.
0034	204.0280 Sealing Pipes	2.000 EACH	_____.	_____.
0036	205.0100 Excavation Common	2,083.000 CY	_____.	_____.
0038	211.0100 Prepare Foundation for Asphaltic Paving (project) 01. 1610-44-62	LS	LUMP SUM	_____.
0040	211.0100 Prepare Foundation for Asphaltic Paving (project) 02. 1610-44-63	LS	LUMP SUM	_____.
0042	211.0400 Prepare Foundation for Asphaltic Shoulders	11.000 STA	_____.	_____.
0044	213.0100 Finishing Roadway (project) 01. 1610-44-62	1.000 EACH	_____.	_____.
0046	213.0100 Finishing Roadway (project) 02. 1610-44-63	1.000 EACH	_____.	_____.
0048	213.0100 Finishing Roadway (project) 03. 1610-44-64	1.000 EACH	_____.	_____.
0050	305.0110 Base Aggregate Dense 3/4-Inch	417.000 TON	_____.	_____.
0052	305.0120 Base Aggregate Dense 1 1/4-Inch	3,145.000 TON	_____.	_____.
0054	415.0070 Concrete Pavement 7-Inch	142.000 SY	_____.	_____.
0056	415.0410 Concrete Pavement Approach Slab	296.000 SY	_____.	_____.
0058	416.0610 Drilled Tie Bars	94.000 EACH	_____.	_____.
0060	416.1010 Concrete Surface Drains	2.000 CY	_____.	_____.



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

SECTION: 0001

Contract Items

Alt Set ID:

Alt Mbr ID:

Proposal Line Number	Item ID Description	Approximate Quantity and Units	Unit Price	Bid Amount
0062	455.0605 Tack Coat	332.000 GAL	_____.	_____.
0064	465.0105 Asphaltic Surface	1,081.000 TON	_____.	_____.
0066	465.0110 Asphaltic Surface Patching	2.000 TON	_____.	_____.
0068	465.0120 Asphaltic Surface Driveways and Field Entrances	25.000 TON	_____.	_____.
0070	465.0125 Asphaltic Surface Temporary	82.000 TON	_____.	_____.
0072	465.0310 Asphaltic Curb	53.000 LF	_____.	_____.
0074	502.0100 Concrete Masonry Bridges	15.000 CY	_____.	_____.
0076	502.3101 Expansion Device	99.000 LF	_____.	_____.
0078	502.3200 Protective Surface Treatment	3,850.000 SY	_____.	_____.
0080	502.3210 Pigmented Surface Sealer	740.000 SY	_____.	_____.
0082	502.4205 Adhesive Anchors No. 5 Bar	494.000 EACH	_____.	_____.
0084	505.0600 Bar Steel Reinforcement HS Coated Structures	4,810.000 LB	_____.	_____.
0086	509.0301 Preparation Decks Type 1	237.000 SY	_____.	_____.
0088	509.0302 Preparation Decks Type 2	119.000 SY	_____.	_____.
0090	509.0500 Cleaning Decks	700.000 SY	_____.	_____.
0092	509.0505.S Cleaning Decks to Reapply Concrete Masonry Overlay	3,104.000 SY	_____.	_____.



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Proposal ID: 20210914016 Project(s): 1610-44-62, 1610-44-63, 1610-44-64

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

SECTION: 0001

Contract Items

Alt Set ID:

Alt Mbr ID:

Proposal Line Number	Item ID Description	Approximate Quantity and Units	Unit Price	Bid Amount
0094	509.1000 Joint Repair	44.000 SY	_____.	_____.
0096	509.1200 Curb Repair	101.000 LF	_____.	_____.
0098	509.1500 Concrete Surface Repair	678.000 SF	_____.	_____.
0100	509.2000 Full-Depth Deck Repair	18.000 SY	_____.	_____.
0102	509.2500 Concrete Masonry Overlay Decks	374.000 CY	_____.	_____.
0104	509.5100.S Polymer Overlay	700.000 SY	_____.	_____.
0106	509.9005.S Removing Concrete Masonry Deck Overlay (structure) 01. B-50-19	493.000 SY	_____.	_____.
0108	509.9005.S Removing Concrete Masonry Deck Overlay (structure) 02. B-50-21	693.000 SY	_____.	_____.
0110	509.9005.S Removing Concrete Masonry Deck Overlay (structure) 03. B-50-22	1,918.000 SY	_____.	_____.
0112	509.9050.S Cleaning Parapets	1,577.000 LF	_____.	_____.
0114	521.1012 Apron Endwalls for Culvert Pipe Steel 12-Inch	2.000 EACH	_____.	_____.
0116	530.0112 Culvert Pipe Corrugated Polyethylene 12-Inch	42.000 LF	_____.	_____.
0118	601.0588 Concrete Curb & Gutter 4-Inch Sloped 36-Inch Type TBT	207.000 LF	_____.	_____.
0120	601.0590 Concrete Curb & Gutter 4-Inch Sloped 36-Inch Type TBTT	9.000 LF	_____.	_____.
0122	603.8000 Concrete Barrier Temporary Precast Delivered	1,739.000 LF	_____.	_____.





## Proposal Schedule of Items

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Proposal ID: 20210914016 Project(s): 1610-44-62, 1610-44-63, 1610-44-64

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

SECTION: 0001

Contract Items

Alt Set ID:

Alt Mbr ID:

Proposal Line Number	Item ID Description	Approximate Quantity and Units	Unit Price	Bid Amount
0124	603.8125 Concrete Barrier Temporary Precast Installed	3,478.000 LF	_____.	_____.
0126	604.0500 Slope Paving Crushed Aggregate	794.000 SY	_____.	_____.
0128	604.9015.S Reseal Crushed Aggregate Slope Paving	675.000 SY	_____.	_____.
0130	606.0200 Riprap Medium	115.000 CY	_____.	_____.
0132	606.0300 Riprap Heavy	207.000 CY	_____.	_____.
0134	608.3012 Storm Sewer Pipe Class III-A 12-Inch	12.000 LF	_____.	_____.
0136	611.0654 Inlet Covers Type V	4.000 EACH	_____.	_____.
0138	611.3220 Inlets 2x2-FT	4.000 EACH	_____.	_____.
0140	614.0200 Steel Thrie Beam Structure Approach	42.000 LF	_____.	_____.
0142	614.0400 Adjusting Steel Plate Beam Guard	25.000 LF	_____.	_____.
0144	614.0905 Crash Cushions Temporary	16.000 EACH	_____.	_____.
0146	614.2300 MGS Guardrail 3	350.000 LF	_____.	_____.
0148	614.2350 MGS Guardrail Short Radius	37.500 LF	_____.	_____.
0150	614.2500 MGS Thrie Beam Transition	320.000 LF	_____.	_____.
0152	614.2610 MGS Guardrail Terminal EAT	7.000 EACH	_____.	_____.
0154	614.2630 MGS Guardrail Short Radius Terminal	1.000 EACH	_____.	_____.



## Proposal Schedule of Items

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Proposal ID: 20210914016 Project(s): 1610-44-62, 1610-44-63, 1610-44-64

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

SECTION: 0001

Contract Items

Alt Set ID:

Alt Mbr ID:

Proposal Line Number	Item ID Description	Approximate Quantity and Units	Unit Price	Bid Amount
0156	618.0100 Maintenance And Repair of Haul Roads (project) 01. 1610-44-62	1.000 EACH	_____.	_____.
0158	618.0100 Maintenance And Repair of Haul Roads (project) 02. 1610-44-63	1.000 EACH	_____.	_____.
0160	618.0100 Maintenance And Repair of Haul Roads (project) 03. 1610-44-64	1.000 EACH	_____.	_____.
0162	619.1000 Mobilization	1.000 EACH	_____.	_____.
0164	624.0100 Water	15.000 MGAL	_____.	_____.
0166	625.0100 Topsoil	3,160.000 SY	_____.	_____.
0168	628.1504 Silt Fence	2,775.000 LF	_____.	_____.
0170	628.1520 Silt Fence Maintenance	2,775.000 LF	_____.	_____.
0172	628.1905 Mobilizations Erosion Control	7.000 EACH	_____.	_____.
0174	628.1910 Mobilizations Emergency Erosion Control	4.000 EACH	_____.	_____.
0176	628.2004 Erosion Mat Class I Type B	2,500.000 SY	_____.	_____.
0178	628.2008 Erosion Mat Urban Class I Type B	670.000 SY	_____.	_____.
0180	628.7015 Inlet Protection Type C	11.000 EACH	_____.	_____.
0182	628.7504 Temporary Ditch Checks	40.000 LF	_____.	_____.
0184	628.7570 Rock Bags	375.000 EACH	_____.	_____.
0186	629.0210 Fertilizer Type B	2.000 CWT	_____.	_____.



## Proposal Schedule of Items

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Proposal ID: 20210914016 Project(s): 1610-44-62, 1610-44-63, 1610-44-64

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

SECTION: 0001

Contract Items

Alt Set ID:

Alt Mbr ID:

Proposal Line Number	Item ID Description	Approximate Quantity and Units	Unit Price	Bid Amount
0188	630.0130 Seeding Mixture No. 30	53.000 LB	_____.	_____.
0190	630.0140 Seeding Mixture No. 40	4.100 LB	_____.	_____.
0192	630.0500 Seed Water	4.900 MGAL	_____.	_____.
0194	638.2102 Moving Signs Type II	6.000 EACH	_____.	_____.
0196	638.3000 Removing Small Sign Supports	1.000 EACH	_____.	_____.
0198	638.4000 Moving Small Sign Supports	8.000 EACH	_____.	_____.
0200	642.5201 Field Office Type C	1.000 EACH	_____.	_____.
0202	643.0300 Traffic Control Drums	15,447.000 DAY	_____.	_____.
0204	643.0420 Traffic Control Barricades Type III	2,800.000 DAY	_____.	_____.
0206	643.0705 Traffic Control Warning Lights Type A	3,746.000 DAY	_____.	_____.
0208	643.0715 Traffic Control Warning Lights Type C	11,526.000 DAY	_____.	_____.
0210	643.0900 Traffic Control Signs	22,139.000 DAY	_____.	_____.
0212	643.0920 Traffic Control Covering Signs Type II	1.000 EACH	_____.	_____.
0214	643.1000 Traffic Control Signs Fixed Message	108.000 SF	_____.	_____.
0216	643.5000 Traffic Control	1.000 EACH	_____.	_____.
0218	644.1601 Temporary Pedestrian Curb Ramp	10.000 DAY	_____.	_____.
0220	644.1810 Temporary Pedestrian Barricade	810.000 LF	_____.	_____.



## Proposal Schedule of Items

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Proposal ID: 20210914016 Project(s): 1610-44-62, 1610-44-63, 1610-44-64

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

SECTION: 0001

Contract Items

Alt Set ID:

Alt Mbr ID:

Proposal Line Number	Item ID Description	Approximate Quantity and Units	Unit Price	Bid Amount
0222	645.0120 Geotextile Type HR	300.000 SY	_____.	_____.
0224	646.1020 Marking Line Epoxy 4-Inch	10,813.000 LF	_____.	_____.
0226	646.7120 Marking Diagonal Epoxy 12-Inch	80.000 LF	_____.	_____.
0228	646.9000 Marking Removal Line 4-Inch	9,336.000 LF	_____.	_____.
0230	646.9200 Marking Removal Line Wide	80.000 LF	_____.	_____.
0232	648.0100 Locating No-Passing Zones	0.400 MI	_____.	_____.
0234	649.0150 Temporary Marking Line Removable Tape 4-Inch	19,937.000 LF	_____.	_____.
0236	649.0250 Temporary Marking Line Removable Tape 8-Inch	20.000 LF	_____.	_____.
0238	649.0850 Temporary Marking Stop Line Removable Tape 18-Inch	172.000 LF	_____.	_____.
0240	650.4000 Construction Staking Storm Sewer	4.000 EACH	_____.	_____.
0242	650.4500 Construction Staking Subgrade	290.000 LF	_____.	_____.
0244	650.5000 Construction Staking Base	974.000 LF	_____.	_____.
0246	650.5500 Construction Staking Curb Gutter and Curb & Gutter	207.000 LF	_____.	_____.
0248	650.7000 Construction Staking Concrete Pavement	100.000 LF	_____.	_____.
0250	650.9910 Construction Staking Supplemental Control (project) 01. 1610-44-62	LS	LUMP SUM	_____.



## Proposal Schedule of Items

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Proposal ID: 20210914016 Project(s): 1610-44-62, 1610-44-63, 1610-44-64

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

SECTION: 0001

Contract Items

Alt Set ID:

Alt Mbr ID:

Proposal Line Number	Item ID Description	Approximate Quantity and Units	Unit Price	Bid Amount
0252	650.9910 Construction Staking Supplemental Control (project) 02. 1610-44-63	LS	LUMP SUM	_____.
0254	650.9920 Construction Staking Slope Stakes	989.000 LF	_____.	_____.
0256	661.0100 Temporary Traffic Signals for Bridges (structure) 01. B-50-21	LS	LUMP SUM	_____.
0258	661.0100 Temporary Traffic Signals for Bridges (structure) 02. B-50-22	LS	LUMP SUM	_____.
0260	661.0100 Temporary Traffic Signals for Bridges (structure) 03. B-50-19	LS	LUMP SUM	_____.
0262	661.0100 Temporary Traffic Signals for Bridges (structure) 04. B-50-48	LS	LUMP SUM	_____.
0264	690.0150 Sawing Asphalt	2,854.000 LF	_____.	_____.
0266	690.0250 Sawing Concrete	220.000 LF	_____.	_____.
0268	715.0415 Incentive Strength Concrete Pavement	1,000.000 DOL	1.00000	1,000.00
0270	715.0502 Incentive Strength Concrete Structures	500.000 DOL	1.00000	500.00
0272	999.2000.S Installing and Maintaining Bird Deterrent System 01. B-50-19	1.000 EACH	_____.	_____.
0274	999.2000.S Installing and Maintaining Bird Deterrent System 02. B-50-48	1.000 EACH	_____.	_____.
0276	SPV.0030 Special 01. Fertilizer for Lawn Type Turf	1.000 CWT	_____.	_____.
0278	SPV.0105 Special 01. Temporary Vehicle Detection B-50-19	LS	LUMP SUM	_____.



## Proposal Schedule of Items

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Proposal ID: 20210914016 Project(s): 1610-44-62, 1610-44-63, 1610-44-64

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

SECTION: 0001

Contract Items

Alt Set ID:

Alt Mbr ID:

Proposal Line Number	Item ID Description	Approximate Quantity and Units	Unit Price	Bid Amount
0280	SPV.0105 Special 02. Temporary Vehicle Detection B-50-21	LS	LUMP SUM	_____.
0282	SPV.0105 Special 03. Temporary Vehicle Detection B-50-22	LS	LUMP SUM	_____.
0284	SPV.0180 Special 01. Abutment Seat Cleaning and Sealing	19.000 SY	_____.	_____.
0286	SPV.0180 Special 02. Protective Thermoplastic Coating at Snowmobile Trail Crossings	665.000 SY	_____.	_____.
0288	SPV.0180 Special 03. Preparing Topsoil for Lawn Type Turf	680.000 SY	_____.	_____.
0290	SPV.0180 Special 04. Pigmented Surface Reseal	101.000 SY	_____.	_____.
Section: 0001			Total:	_____.
			Total Bid:	_____.

**PLEASE ATTACH ADDENDA HERE**