

HIGHWAY WORK PROPOSAL

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

Proposal Number: **033**

<u>COUNTY</u>	<u>STATE PROJECT</u>	<u>FEDERAL</u>	<u>PROJECT DESCRIPTION</u>	<u>HIGHWAY</u>
Wood	6933-00-76	N/A	Babcock - Nekoosa; Cth G (N) To Sth 73	STH 173

ADDENDUM REQUIRED ATTACHED AT BACK

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

Proposal Guaranty Required: \$75,000.00 Payable to: Wisconsin Department of Transportation	Attach Proposal Guaranty on back of this PAGE.
Bid Submittal Date: January 11, 2022 Time (Local Time): 11:00 am	Firm Name, Address, City, State, Zip Code <h3 style="margin: 0;">SAMPLE</h3> <h3 style="margin: 0;">NOT FOR BIDDING PURPOSES</h3>
Contract Completion Time 45 Working Days	This contract is exempt from federal oversight.
Assigned Disadvantaged Business Enterprise Goal 0%	

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: Milling, Asphalt Pavement, Base, Concrete Pavement, Curb and Gutter, Sidewalk, Signs, 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 web site or by contacting:

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

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

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

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

B Submitting Electronic Bids

B.1 On the Internet

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

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

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

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

Bidder Name

BN00

Proposals: 1, 12, 14, & 22

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

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

C Waiver of Electronic Submittal

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

PROPOSAL BID BOND

DT1303 1/2006

Wisconsin Department of Transportation

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

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

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

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

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

PRINCIPAL

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

(Signature and Title)

(Company Name)

(Signature and Title)

(Company Name)

(Signature and Title)

(Company Name)

(Signature and Title)

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

(Signature of Attorney-in-Fact)

NOTARY FOR PRINCIPAL

(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

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)

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

Table of Contents

Article	Description	Page #
1.	General.....	2
2.	Scope of Work.....	2
3.	Prosecution and Progress.....	2
4.	Traffic.....	3
5.	Holiday and Special Event Work Restrictions.....	4
6.	Utilities.....	5
7.	Railroad Insurance and Coordination - Wisconsin Central Ltd (CN).....	5
8.	Other Contracts.....	8
9.	Public Convenience and Safety.....	9
10.	Removing Inlet Cover, Item 204.9060.S.01.....	9
11.	Removing Manhole Cover, Item 204.9060.S.02.....	9
12.	Protecting Concrete.....	10
13.	Field Facilities.....	10
14.	Traffic Control.....	10
15.	Concrete Curb and Gutter HES 30-Inch Type D, Item SPV.0090.01.....	10
16.	Removing Temporary Sidewalk, Item SPV.0165.01.....	11

STSP'S Revised July 8, 2021

SPECIAL PROVISIONS

1. General.

Perform the work under this construction contract for Project 6933-00-76, Babcock – Nekoosa, CTH G (N) to STH 73, STH 173, Wood 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, 2022 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 (20210708)

2. Scope of Work.

The work under this contract shall consist of removing asphaltic surface milling, removing curb and gutter, removing sidewalk, HMA pavement, concrete pavement, concrete curb and gutter, concrete sidewalk, pavement marking and all incidental items necessary to complete the work as shown on the plans and included in the proposal and contract.

104-005 (20090901)

3. Prosecution and Progress.

Begin work within ten 10 calendar days after the engineer issues a written notice to do so.

Provide the time frame for construction of the project within the 2022 construction season to the engineer in writing within a month after executing the contract but at least 14 calendar days before the preconstruction conference. Assure that the time frame is consistent with the contract completion time.

To revise the time frame, submit a written request to the engineer at least two weeks before the beginning of the intended time frame. 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.

Upon approval, the engineer will issue the notice to proceed within 10 calendar days before the beginning of the approved time frame. The contractor shall coordinate with the railroad and schedule contract work in conjunction with the schedule for the railroad crossing replacement. If the railroad schedule delays work on the controlling item, contract time may be suspended at the engineer's discretion until the railroad completes the required work to a point that allows the controlling item to be performed.

Complete construction of new curb ramps on the west side of the intersections of STH 173 with Section Street and Park Street prior to performing any work on the curb ramps on the east side of the intersection of STH 173 and Section Street.

Provide a transition in crosswalks for pedestrians from milled surfaces to non-milled surfaces or milled surface to adjacent curb ramp if asphalt paving does not occur the same day as milling.

Pave lanes carrying through traffic by the end of the work week. A milled surface is prohibited during the time periods specified in this section and in the Holidays and Special Events article.

Place upper layer of HMA pavement continuous to railroad crossing. Place transition HMA wedges, if necessary, to re-open crossing to traffic prior to paving operations.

Coordinate all concrete pavement pours at the railroad tracks with Domtar. Contact Heath Bohman, (715) 866-7369, a minimum of 5 business days prior to starting this work. Concrete will need to be poured in east and west halves at a minimum to accommodate Domtar's train schedule. Coordinate concrete pours next to railroad tracks so that a track is not active with 24 hours of finishing the pour. Multiple stages may be required to complete the concrete pours in this location.

Stage curb ramp construction in the northeast quadrant of Section Street. Maintain the existing curb ramp until the new curb ramp construction is complete.

Remove existing curb and gutter and sidewalk without damaging existing fence/gate posts on the southside of Garrison Street on Parcel 30. Special forming and hand pouring may be required to place new curb and gutter and sidewalk.

Coordinate with the City of Nekoosa for temporary relocation of any concrete planters that interfere with construction. Contact Rick Schmidt, Director of Public Works at (715) 572-3614.

Coordinate work around traffic signals with WisDOT NC Region. Contact Doug Cruzler at (715) 213-2773 a minimum of 5 working days in advance of work.

Asphaltic Surface Patching

Place Asphaltic Surface Patching before areas are opened up to traffic or when flaggers are present to direct traffic through the work areas.

4. Traffic.

Maintain two-way counter directional traffic on STH 173 at all times except as follows:

- STH 173 may be reduced to one lane during daylight hours with traffic controlled by flaggers.
- Flagging will be required to complete all work related to the curb ramp construction in the northeast and northwest quadrants of Wood Avenue and Cedar Street and the southwest and southeast quadrants of Cedar Street and market Street.
- STH 173 will be closed to through traffic with a detour provided during the replacement of the existing railroad crossing. Route STH 173 through traffic via STH 80 to STH 54, to STH 73.

Sideroad closures to construct curb ramps will be allowed except as follows:

- Maintain one lane of traffic in each direction on CTH AA/Point Basse Avenue south of STH 173.
- Maintain one lane of traffic in each direction on STH 173 at the STH 73 intersection.
- Do not close adjacent sideroad intersections at the same time.
- Do not close the north leg of STH 173/Birch Street intersection and the west leg of STH 173/Buehler Avenue intersection at the same time.
- The north leg of STH 173/Patten Avenue intersection and either the north legs of STH 173/Garrison Avenue intersection and the STH 173/Point Basse Avenue intersection must remain open during the timeframe that the detour is in place for the work at the railroad tracks.

Vehicular Access to Driveways

Maintain access to driveways, and businesses within the project limits at all times.

Pedestrian Access

Maintain pedestrian traffic on existing, new, or temporary sidewalk at all times from Waterworks Rd east to STH 73. Stage sidewalk construction to maintain sidewalk access on at least one side of STH 173 at all times. Limit work to one quadrant at a time to minimize pedestrian disruptions.

Provide full sidewalk/pedestrian access on both sides of STH 173 from the railroad tracks to the east on Saturday, July 16, 2022. Remove all traffic control not in use prior to this date.

Notify parcel 44 owner, Dan Hustedt, (715) 630-0204 cellphone or (715) 712-1444 work phone, a minimum of 5 working days in advance of starting curb ramp work in the southwest quadrant of the STH 173/Patton Street intersection to arrange for temporary closure of front door access to the laundromat at 301 Market Street. Complete all work necessary to restore full access to the front door within 3 calendar days.

Adjustment of the pedestrian staging may be necessary to avoid conflicts with the railroad crossing work. Submit a revised pedestrian staging plan to the engineer for approval if necessary.

Wisconsin Lane Closure System Advance Notification

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

TABLE 108-1 CLOSURE TYPE AND REQUIRED MINIMUM ADVANCE NOTIFICATION

Closure type with height, weight, or width restrictions (available width, all lanes in one direction < 16')	MINIMUM NOTIFICATION
Lane and shoulder closures	7 calendar days
Full roadway closures	7 calendar days
Ramp closures	7 calendar days
Detours	7 calendar days
Closure type without height, weight, or width restrictions (available width, all lanes in one direction ≥16')	
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 173 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, Sept 2, 2022 to 6:00 AM Tuesday, Sept 6, 2022 for Labor Day.

stp-107-005 (20210113)

Nekoosa Walleye Days

Do not perform work on, nor haul materials of any kind along or across any portion of the highway carrying STH 173 traffic during the City of Nekoosa’s annual Walleye Days which typically occurs the last weekend in March through the second weekend of April. Do not restrict vehicular traffic by any means during Nekoosa Walleye Days. Contact Village of Nekoosa for current dates of Walleye Days.

Nekoosa Giant Pumpkin Fest

Do not perform work on, nor haul materials of any kind along or across any portion of the highway carrying STH 173 traffic during the City of Nekoosa’s annual Giant Pumpkin Fest which typically occurs the first weekend of October. Do not restrict vehicular or pedestrian traffic by any means during the City of Nekoosa’s annual Giant Pumpkin Fest.

Nekoosa Baseball Tournaments

Do not perform work on curb ramps that would limit pedestrian access during baseball tournaments at the William Kautzer Recreational Plaza in the City of Nekoosa. The tournaments are held several times throughout June and July. Contact Adam Buehring at (715) 697-2054 for a current tournament schedule. Curb and gutter, sidewalk, and curb ramp work at Section Street to only occur during weekdays. Sidewalks to be fully open at Section Street on weekends when baseball tournaments are scheduled. Baseball games take place during weekdays as well. Do not perform any work at Section Street or Park Street from 1 hour prior to the start until 1 hour after games are completed. Maintain pedestrian access along STH 173 and crossing STH 173 at Section Street at all times. The existing curb ramp in the northeast of Section Street shall remain until the new curb ramp construction is complete.

6. Utilities.

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

stp-107-065 (20080501)

There are underground utility facilities located within the project limits for this project. Coordinate construction activities with a call to Diggers Hotline or a direct call to the utilities that have facilities in the area, as required by statutes. Use caution to ensure the integrity of underground facilities and always maintain code clearances from overhead facilities.

Utilities shown on the plans are based on a locate that included the intersections of STH 173 with Waterworks Rd, Birch St, Wood Ave, Buehler Ave, Market St, Section St, Park St, North St, Point Basse Ave, Garrison Ave, Alexander Ave, Patton Ave, and STH 73. Utilities located outside these limits are not shown on the plans.

Some of the utility work described below is dependent on prior work being performed by the contractor at a specific site. In such situations, provide the engineer and the affected utility a good faith notice of when the utility is to start work at the site. Provide this notice 14 to 16 calendar days in advance of when the prior work will be completed, and the site will be available to the utility owner. Follow-up with a confirmation notice to the engineer and the utility owner not less than three working days before the site will be ready for the utility owner to begin its work.

Alliant Energy – Electric

When pole holding is required during curb ramp excavation contact Michael Peeters (715) 459-1581, michaelpeters@alliantenergy.com in advance of when needed.

Nekoosa Wastewater Treatment Facility – Sewer

Nekoosa will supply and install 2-inch manhole cover adjusting rings prior to paving on Wood Avenue. The adjusting ring installation will take one day.

The following owners have facilities within the project area; however, no conflicts are anticipated:

- **Charter Communications – Communication**
- **Domtar – Sewer**
- **Domtar – Water**
- **Enbridge Energy – Gas/Petroleum**
- **Nekoosa Municipal Water Utility – Water**
- **Solarus - Communication**
- **TDS Telecom – Communication**
- **WE Energies – Gas**

7. Railroad Insurance and Coordination - Wisconsin Central Ltd (CN).

A Description

Comply with standard spec 107.17 for all work affecting 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 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.

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.

Include the following information on the insurance document:

- Project ID: 6933-00-76
- Project Location: Nekoosa, WI
- Route Name: STH 173, Marathon County
- Crossing ID: 910778N
- Railroad Subdivision: Valley Sub
- Railroad Milepost: 43.9
- Work Performed: Road reconstruction

A.2 Train Operation

Approximately four through freight trains operate daily at up to 25 mph. There are multiple switching movements in addition to the through trains.

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

Construction Contact

Jackie Macewicz, Manager Public Works; 3192 S. Pokegama Road, Superior, WI 54880; Telephone (715) 345-2503; E-mail jackie.macewicz@cn.ca for consultation on railroad requirements during construction.

In addition, contact Heath Bohman, 301 Point Base Avenue, Nekoosa, WI 54457; Telephone (715) 866-7369; E-mail heath.bohman@domtar.com prior to 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

Submit by US Mail a "Request for Flagging Services and Cable Location" form with prepayment to: Flagging-US, 17641 South Ashland Avenue, Homewood, IL 60430; Flagging_US@CN.CA. The form can be obtained at:

<http://www.cn.ca/en/safety/employees/contractors-erailsafe/utility-installations>

Requests for flagging and cable locates can take up to five business days after the railroad receives the paperwork. Reference the Wisconsin Milepost and Subdivision located in A.1. Advise Wisconsin Central Ltd (CN) that the flagging services are to be billed at the rate for a public highway project.

Cable Locate Contact

In addition to contacting Diggers Hotline, follow the procedure listed under Flagging Contact.

Wisconsin Central Ltd (CN) will only locate railroad owned facilities buried 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. Install flashing light, gates and cantilevers, install concrete crossing surface on all four tracks

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

A.5 Temporary Grade Crossing

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

B Railroad Flagging

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

Projects with concurrent activity may require more than one flagger.

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

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

C Flagging by Railroad– Railroad Does Not Pay Flagging Costs

C.1 General

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

- (1) Coordinate with the railroad for all work performed within 25 feet of the track centerline including equipment or extensions of equipment that can fall within 25 feet of the track centerline or adjacent facilities or when working on railroad right-of-way. Include the following on all submittals and other written communications with the railroad:
 - WisDOT crossing number.
 - Railroad milepost.
 - Railroad subdivision.
- (3) Perform all work within 25 feet of the track centerline including equipment or extensions of equipment that can fall within 25 feet of the track centerline or adjacent facilities or when working on railroad right-of-way in a way that does not interfere with the safe and uninterrupted operation of railroad traffic. Maintain clearances during construction as follows:
 1. Do not operate equipment closer than 25 feet horizontally from a track centerline or 22 feet vertically above the top of a rail, except under the protection of railroad flaggers.
 2. Do not store materials or equipment closer than 25 feet horizontally from a track centerline.
 3. Provide an obstruction-free work zone adjacent to a track extending 12 feet or more horizontally on both sides of the track centerline. Keep this work zone free of construction debris.
 4. Unless the railroad's chief engineering officer approves otherwise in writing, maintain minimum clearances from falsework, forms, shoring, and other temporary fixed objects as follows:
 - 4.1 Provide 12 feet, plus 1.5 inches per degree of track curvature, measured horizontally from the track centerline.
 - 4.2 Provide 21 feet, plus compensation for super-elevated track, measured vertically above the top of the highest rail.
- (4) Comply with the railroad's rules and regulations when work is within 25 feet of the track centerline including equipment or extensions of equipment that can fall within 25 feet of the track centerline or adjacent facilities or when working on railroad right-of-way. If the railroad's chief engineering officer requires, arrange with the railroad to obtain the services of qualified railroad employees to protect railroad traffic through the work area. Bear the cost of these services and make payment directly to the railroad. Notify the appropriate railroad representative as listed in section A.3 above, in writing, at least 40 business days before starting work near a track. Provide the specific time planned to start the operations.

C.2 Rates - Wisconsin Central Ltd and Sault Ste. Marie Bridge Company (CN)

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

- \$1,300 daily rate (including wages, labor surcharges, meals, lodging, vehicle and mileage expenses) for a 10-hour day (this includes 2 hours of overtime hours to set/remove flags) flagging day at the job site;
- \$1,500 daily rate (including wages, labor surcharges, meals, lodging, vehicle and mileage expenses) for a 10-hour day (this includes 2 hours of overtime hours to set/remove flags) flagging day at the job site on Saturdays, Sundays or holidays;
- \$150 per hour overtime rate for all time worked before or after the 10-hour flagging day.

The railroad will require prepayment for flagging. Any time worked before or after the 10-hour flagging day will be billed at the overtime rate. The contractor is responsible for knowing the requirements of the railroad for arranging and terminating flagging services and for the associated costs of those services.

C.3 Reimbursement Provisions

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

C.4 Excluded Conditions

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

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

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

C.5 Payment for Flagging

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

ITEM NUMBER	DESCRIPTION	UNIT
801.0117	Railroad Flagging Reimbursement	DOL

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

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

D Rail Security Awareness and Contractor Orientation

All employees of contractors who work on CN properties are required to have minimum CN Safety and Security Awareness training. This training can be obtained by registering and following the CN link through www.contractororientation.com. This training is good for a period of one year.

- a. Exception: CN has exempted from this training those it classifies as "Delivery Persons". Delivery Persons include contractors such as UPS, FedEx, trucking companies, etc. who merely access the property to supply materials or equipment.

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

If employees of contractors have a current eRailSafe badge for CN then an additional badge is not required from www.contractororientation.com.

stp-107-034 (20210708)

8. Other Contracts.

The Wisconsin Department of Transportation resurface project 7020-00-71, STH 173, Wyeville – Babcock, Juneau County Line – STH 80, Wood County will be constructed in 2022, and work may be concurrent with this project. Through traffic will be maintained under flagging operations.

The Wisconsin Department of Transportation resurface project 6320-00-73, STH 73, Plainfield – Wisconsin Rapids, STH 13 to Church Avenue, Wood County will be constructed in 2022, and work may be concurrent with this project. Through traffic will be maintained under flagging operations.

9. Public Convenience and Safety.

Replace standard spec 107.8 (4) with the following:

Notify the following organizations and departments at least 2 business days before road closures, lane closures, or detours are put into effect:

- Wood County Sheriff's Department (715) 421-8700
- Wisconsin State Patrol (715) 845-1143
- Wood County Highway Department (715) 421-8877
- City of Nekoosa (715) 886-7878
- Nekoosa School District (715) 886-8190
- Nekoosa Post Office (800) 275-8777

The Wood 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)

10. Removing Inlet Cover, Item 204.9060.S.01.

A Description

This special provision describes removing inlet covers conforming to standard spec 204 and as hereinafter provided.

B (Vacant)

C Construction

Remove inlet cover, frame, and adjustment rings in conformance with standard spec 204. Properly dispose of materials.

D Measurement

The department will measure Removing Inlet Cover as each individual removed inlet cover, acceptably completed.

E Payment

Add the following to standard spec 204.5:

ITEM NUMBER	DESCRIPTION	UNIT
204.9060.S.01	Removing Inlet Cover	EACH

Payment is full compensation for removal and disposal of the inlet cover, frame, and adjustment rings.

11. Removing Manhole Cover, Item 204.9060.S.02.

A Description

This special provision describes removing manhole covers conforming to standard spec 204 and as hereinafter provided.

B (Vacant)

C Construction

Remove manhole cover, frame, and adjustment rings in conformance with standard spec 204. Properly dispose of materials.

D Measurement

The department will measure Removing Manhole Cover as each individual removed manhole cover, acceptably completed.

E Payment

Add the following to standard spec 204.5:

ITEM NUMBER	DESCRIPTION	UNIT
204.9060.S.02	Removing Manhole Cover	EACH

Payment is full compensation for removal and disposal of the manhole cover, frame, and adjustment rings.

12. Protecting Concrete.

Add the following to standard spec 415.3.14:

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

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

ncr-415-005 (20141015)

13. Field Facilities.

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)

14. Traffic Control.

Add the following to standard spec 643.3.1:

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)

15. Concrete Curb and Gutter HES 30-Inch Type D, Item SPV.0090.01.

A Description

This special provision describes constructing concrete curb and concrete curb and gutter according to the requirements of standard spec 601.

B Materials.

Provide concrete that conforms to the requirements for high early strength concrete according to standard spec 501.

C Construction

Construct according to the requirements of standard spec 601.3.

D Measurement

The department will measure Concrete Curb and Gutter HES 30-Inch Type D in length by the linear foot acceptably completed according to standard spec 601.4.

E Payment

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

ITEM NUMBER	DESCRIPTION	UNIT
SPV.0090.01	Concrete Curb and Gutter HES 30-Inch Type D	LF

Payment will be made accordance with standard spec 601.5.

ncr-601-010 (10152014)

16. Removing Temporary Sidewalk, Item SPV.0165.01.

A Description

This special provision describes removing the existing asphaltic surface, detectable warning fields, and underlaying base, and shaping the remaining base aggregate in preparation for construction of proposed concrete sidewalk.

B (Vacant)

C Construction

Remove asphaltic surface, detectable warning fields, and surplus base in conformance with standard spec 204. Properly dispose of materials. Shape, trim, and compact the remaining base as necessary to produce a surface without depressions or projections that follows the required grade for the construction of the proposed sidewalk.

D Measurement

The department will measure Removing Temporary Sidewalk by the square foot, acceptably completed.

E Payment

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

ITEM NUMBER	DESCRIPTION	UNIT
SPV.0165.01	Removing Temporary Sidewalk	SF

Payment is full compensation for removing and disposing of the existing asphaltic surface, detectable warning fields, and surplus base, and for preparing the remaining base for sidewalk construction.

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:

415.3.16 Tolerance in Pavement Thickness

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

415.3.16.1 General

- (1) Construct the plan thickness or thicker. The department will accept pavement thickness based on the results of department-performed acceptance testing conforming to:

Magnetic Pulse Induction	CMM 870: ASTM E3209 WTM
Probing.....	CMM 870: WTP C-002
Preplacement Measurement	CMM 870: WTP C-003

415.3.16.2 Pavement Units**415.3.16.2.1 Basic Units**

- (1) Basic unit is defined as a slip formed, single lane, with a minimum lane width of 10 feet, measured, from the pavement edge to the adjacent longitudinal joint; from one longitudinal joint to the next; or between pavement edges if there is no longitudinal joint.

415.3.16.2.2 Special Units

- (2) Establish special units for areas of fillets, intersections, gaps, gores, shoulders, ramps, pavement lanes less than 10 feet wide and other areas not included in basic units.

415.3.16.3 Test Plate Locations

- (1) Place department-furnished test plates. Within 5 business days after paving, enter the sequential number and associated position data into MRS available at:

<http://www.atwoodsystems.com/>

- (2) Contractor will maintain plate location markings for 10 business days after paving.

415.3.16.4 Acceptance Testing**415.3.16.4.1 Basic Units****415.3.16.4.1.2 Magnetic Pulse Induction**

- (1) The department will measure thickness within 10 business days of paving. Upon completion of the project thickness testing, the department will provide the test results to the contractor within 5 business days.
- (2) Department will establish a project reference plate at the start of each paving stage. Project reference plate will be measured before each day of testing. Department will notify the contractor of project reference plate locations before testing.
- (3) If the random plate test result falls within 80 to 50 percent pay range specified in 415.5.2, the department will measure the second plate in that unit. The department will notify the contractor immediately if the average of the 6 readings falls within the 80 to 50 percent pay range.
- (4) If an individual random plate test result is more than 1 inch thinner than contract plan thickness, the pavement is unacceptable. Department will determine limits of unacceptable pavement by performing the following:
- The engineer will test each consecutive plate stationed ahead and behind until the thickness test result is plan thickness or greater.
 - The engineer will direct the contractor to core the hardened concrete to determine the extent of the unacceptable area. In each direction, the contractor shall take cores at points approximately 20 feet from the furthest out of specification plate towards the plate that is plan thickness of greater. Once a core is within 80 to 100 percent pay range, the coring is complete and the limits of unacceptable pavement extend from the stationing between the core test results of 80 to 100 percent payment, inclusive of all unacceptable core and plate test results.
 - The contractor shall perform coring according to AASHTO T24. The department will evaluate the results according to AASHTO T148
 - The contractor shall fill core holes with concrete or mortar.

415.3.16.4.2 Special Units**415.3.16.4.2.1 Magnetic Pulse Induction**

- (1) The department will measure thickness within 10 business days of paving. Upon completion of the project thickness testing, the department will provide the test results to the contractor within 5 business days.
- (2) Department will establish a project reference plate at the start of each paving stage. Project reference plate will be measured before each day of testing. Department will notify the contractor of project reference plate locations before testing.
- (3) If the random plate test result falls within 80 to 50 percent pay range specified in 415.5.2, the department will measure the second plate in that unit. The department will notify the contractor immediately if the average of the 6 readings falls within the 80 to 50 percent pay range.
- (4) If an individual random plate test result is more than 1 inch thinner than contract plan thickness, the department will measure the second plate in that unit. If both plates are required to be measured, then all six thickness measurements will be averaged for that unit. If the average of the six measurements is more than 1 inch thinner than contract plan thickness, the pavement is unacceptable.

415.3.16.4.2.2 Probing

- (1) The department will measure slip form special units during concrete placement. Upon completion of the project thickness testing, the department will provide the test results to the contractor within 5 business days.
- (2) Department will probe 2 random locations within the special unit. The average of the two readings will be the reported measurement for the special unit.

415.3.16.4.2.3 Preplacement Measurement

- (1) The department will measure non-slip form special units before concrete placement.
- (2) Thickness corrections will be made to a conforming thickness by reshaping the base aggregate before the pavement is placed.

415.5.2 Adjusting Pay for Thickness

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

- (1) The department will adjust pay for pavement thickness under the Nonconforming Thickness Concrete Pavement administrative item as follows:

FOR PAVEMENT THINNER THAN PLAN THICKNESS BY:	PERCENT OF THE CONTRACT UNIT PRICE
> 1/4 inch but <= 1/2 inch	80
> 1/2 inch but <= 3/4 inch	60
> 3/4 inch but <= 1 inch	50

- (2) When pavement of unacceptable final thickness is determined, as specified in 415.3.16.4, the department will direct the contractor to either:
 1. Remove and replace unacceptable concrete pavement to the nearest joint with new concrete pavement of conforming thickness. The department will pay once for the area at the full contract price.
 2. If the unacceptable pavement is less than 100 LF, the department may allow the concrete to remain in place without payment for the unacceptable area.

460.2.6 Recovered Asphaltic Binders

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

- (2) The contractor may replace virgin binder with recovered binder up to the maximum percentage allowed under 460.2.5 without further testing. When the design percent asphalt binder replaced exceeds the allowable limits in 460.2.5, the contractor must:
 - Document adjustments made to the mix design in the mix design submittal.
 - Submit test results that indicate the mixture's asphaltic binder meets or exceeds the upper and lower temperature grade requirements the bid item designates.
 - If only one recycled asphaltic material source is used, furnish one of the following:
 - Test results from extracted and recovered binder from the resultant mixture.
 - Blending charts that indicate the resultant mixture's high and low temperature PG as an interpolation of the percent binder replaced between the virgin binder's and the recycled asphaltic material source binder's high and low temperature PG.
 - If two or more recycled asphaltic material sources are used, furnish test results from extracted and

recovered binder from the resultant mixture.

501.2.6 Water

Retitle with the following effective with the November 2021 letting:

501.2.6 Mixing Water

501.2.6.2 Requirements

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

(2) Water from other sources must comply with the following:

Acidity, maximum of 0.1N NaOH to neutralize 200 mL of water; CMM 870: WTP C-001.....	2 mL
Alkalinity, maximum of 0.1N HCL to neutralize 200 mL of water; CMM 870: WTP C-001.....	15 mL
Maximum sulphate (SO ₄); CMM 870: WTP C-001.....	0.05 percent
Maximum chloride; CMM 870: WTP C-001.....	0.10 percent
Maximum total solids; CMM 870: WTP C-001	
Organic.....	0.04 percent
Inorganic.....	0.15 percent

501.3.2.4.2 Air Entrainment

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

(2) Test fresh concrete air content according to AASHTO T152 or AASHTO TP118 at the contract-required frequency and as the engineer directs. Test concrete placed by pumping or belting at the point of discharge from the pump line or belt.

501.3.7.1 Slump

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

- (1) Use a 1-inch to 4-inch slump for concrete used in structures or placed in forms, except as follows:
- Do not exceed a slump of 2 inches for grade E concrete.
 - Increase slump as specified in 502.3.5.3 for concrete placed underwater.
 - If BTS approves a concrete mixture using a superplasticizer, the contractor may increase slump for that mixture to a maximum of 9 inches without exceeding the maximum mix water allowed for that grade.

531.5 Payment

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

(2) Payment for Concrete Masonry Ancillary Structures Type NS is full compensation for providing concrete for non-standard sign structure foundations; and for anchor rod assemblies. The department will pay separately for excavating and backfilling drilled shafts under the Drilling Shafts bid items.

Replace paragraph five with the following effective with the November 2021 letting:

(5) Payment for the Foundation bid items is full compensation for providing concrete foundations; for anchor rod assemblies; for reinforcing steel; and for embedded conduit and electrical components. The department will pay separately for excavating and backfilling drilled shafts under the Drilling Shafts bid items.

642.2.2.1 General

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

(1) Provide each field office with two rooms, separated by an interior door with a padlock. Ensure that each room has a separate exterior door and its own air conditioner. Locate the office where a quality internet connection can be achieved. Ensure quality cell phone reception is achievable inside the field office.

701.3.1 General

Replace table 701-1 with the following effective with the November 2021 letting:

TABLE 701-1 TESTING AND CERTIFICATION STANDARDS

TEST	TEST STANDARD	MINIMUM REQUIRED CERTIFICATION (any one of the certifications listed for each test)
Random Sampling	CMM 830.9.2	Transportation Materials Sampling Technician (TMS) TMS Assistant Certified Technician (ACT-TMS) Aggregate Technician I (AGGTEC-I) AGGTEC-I Assistant Certified Technician (ACT-AGG) PCC Technician I (PCCTEC-I) PCCTEC-I Assistant Certified Technician (ACT-PCC) Grading Technician I (GRADINGTEC-I) Grading Assistant Certified Technician (ACT-GRADING)
Sampling Aggregates	AASHTO T2 ^[1] ^[4]	TMS, ACT-TMS, AGGTEC-1, ACT-AGG
Percent passing the No. 200 sieve	AASHTO T11 ^[1]	AGGTEC-I, ACT-AGG
Fine & coarse aggregate gradation	AASHTO T27 ^[1]	
Aggregate moisture content	AASHTO T255 ^[1]	
Fractured faces	ASTM D5821 ^[1]	
Liquid limit	AASHTO T89	
Plasticity index	AASHTO T90 ^[3]	Aggregate Testing for Transportation Systems (ATTS) GRADINGTEC-I, or ACT-GRADING
Sampling freshly mixed concrete	AASHTO R60	PCCTEC-1 ACT-PCC
Air content of fresh concrete	AASHTO T152 ^[2] AASHTO TP118 ^[5]	
Air void system of fresh concrete	AASHTO TP118 ^[5]	
Concrete slump	AASHTO T119 ^[2]	
Concrete temperature	ASTM C1064	
Making and curing concrete specimens	AASHTO T23	
Moist curing for concrete specimens	AASHTO M201	
Concrete compressive strength	AASHTO T22	
Concrete flexural strength	AASHTO T97	
Concrete surface resistivity ^[2]	AASHTO T358	
Voids in aggregate	AASHTO T19	Concrete Strength Tester (CST) CST Assistant Certified Technician (ACT-CST)
Profiling	—	PCCTEC-II PROFILER

^[1] As modified in CMM 860.

^[2] As modified in CMM 870.

^[3] A plasticity check, if required under individual QMP specifications, may be performed by an AGGTEC-I in addition to the certifications listed for liquid limit and plasticity index tests.

^[4] Plant personnel may operate equipment to obtain samples under the direct observation of a TMS or higher.

^[5] Consolidate by rodding.

710.2 Small Quantities

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

- (1) The department defines small quantities as follows:
 - As specified in 715.1.1.2 for class I concrete.
 - Less than 50 cubic yards of class II ancillary concrete placed under a single bid item.
- (2) For contracts with only small quantities of material subject to testing, 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. Provide one of the following for aggregate process control:
 - Documented previous testing dated within 120 calendar days. Provide gradation test results to the engineer before placing material.
 - Non-random start-up gradation testing.

710.4 Concrete Mixes

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

- (2) At least 7 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, air content, and SAM number.
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 aggregate production records dated within 2 years if using those results in the design. Submit component aggregate gradations, aggregate proportions, and target combined blended aggregate gradations using the following:
 - DT2220 for combined aggregate gradations.
 - DT2221 for optimized aggregate gradations.
4. For optimized concrete mixtures:
 - Complete the worksheets within DT2221 according to the directions.
 - Ensure the optimized aggregate gradations and the optimized mix design conform to WisDOT specifications and pass the built-in tests within DT2221.
 - Verify slip-form mixture workability according to AASHTO TP137 and conformance to specifications through required trial batching.
 - Submit the completed DT2221 to the engineer electronically. Include the trial batch test results with the mix design submittal.

Replace paragraph four with the following effective with the November 2021 letting:

- (4) Prepare and submit modifications to a concrete mix to the engineer for approval 3 business days before using that modified mix. Modifications requiring the engineer's approval include changes in:
 1. Source of any material. For paving and barrier mixes, a source change for fly ash of the same class does not constitute a mix design change.
 2. Quantities of cementitious materials.
 3. Addition or deletion of admixtures. Minor admixture dosage adjustments required to maintain air content or slump do not require engineer review or approval.

710.5.5 Strength

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

- (1) Cast all 6" x 12" cylinders or all 6" x 6" x 21" beams in a set from the same sample. Do not cast more than one set of specimens from a single truckload of concrete. Mark each specimen to identify the lot and subplot or location on the project it represents.

710.5.6 Aggregate Testing

Retitle and replace the entire text with the following effective with the November 2021 letting:

710.5.6 Aggregate Testing During Concrete Production

710.5.6.1 General

- (1) The department will accept gradation based on the results of department-performed acceptance testing.
- (2) The department and contractor will obtain samples using the same method. When belt sampling, contractor personnel shall obtain samples for the department under the direct observation of the department personnel. Contractor will define sampling method in the QMP or abbreviated QMP.

710.5.6.2 Contractor Control Charts

710.5.6.2.1 General

- (1) Test aggregate gradations during concrete production except as allowed for small quantities under 710.2. Required contractor testing will be performed using non-random samples.
- (2) Sample aggregates from either the conveyor belt or from the working face of the stockpiles.
- (3) Sample aggregates within 2 business days before placement for each mix design. Include this gradation on the control charts.
- (4) Report gradation test results and provide control charts to the engineer within 1 business day of obtaining the sample. Submit results to the engineer and electronically into MRS as specified in 701.1.2.7.
- (5) Conduct aggregate testing at the minimum frequency shown based on the anticipated daily cumulative plant production for each mix design. The contractor's concrete production tests can be used for the same mix design on multiple contracts.

TABLE 710-1 CONTRACTOR GRADATION TESTING FREQUENCY - CLASS I

DAILY PLANT PRODUCTION RATE FOR WisDOT WORK	MINIMUM FREQUENCY
Gradation Report Before Placement	
1000 cubic yards or less	one test per day
more than 1000 cubic yards	two tests per day

TABLE 710-2 CONTRACTOR GRADATION TESTING FREQUENCY - CLASS II

MINIMUM FREQUENCY
Gradation Report Before Placement
One test per calendar week of production

710.5.6.2.2 Optimized Aggregate Gradation Control Charts

- (1) Determine the complete gradation using a washed analysis for both fine and coarse aggregates. Report results for the following:
 - 1 1/2", 1", 3/4", 1/2", 3/8", #4, #8, #16, #30, #50, #100, and #200 sieves.
 - Sum of volumetric percentages retained on No. 8, No. 16, and No. 30 sieves.
 - Sum of volumetric percentages retained on No. 30, No. 50, No. 100, and No. 200 sieves.
- (2) Calculate blended aggregate gradations using the mix design batch percentages for the component aggregates. Ensure the blended aggregate gradation conforms to the volumetric percent retained of the optimized aggregate gradation limits specified in table 501-4.
- (3) Throughout the contract, construct a 4-point running average of the volumetric percent retained for each sieve to determine if the blended aggregate gradation is within the tarantula curve limits specified in table 501-4.

710.5.6.2.3 Combined Aggregate Gradation Control Charts

- (1) 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.
- (2) Calculate blended aggregate gradations using the mix design batch percentages for the component aggregates. Ensure the blended aggregate gradation conforms to the percent passing by weight requirements of the combined aggregate gradation limits specified in table 501-4.
- (3) Throughout the contract, construct a 4-point running average of the percent passing by weight for each sieve to determine if the blended aggregate gradation is within the combined aggregate gradation limits specified in table 501-4.

710.5.6.3 Department Acceptance Testing

- (1) Department testing frequency is based on the quantity of each mix design placed under each individual WisDOT contract.
- (2) The department will split each sample, test for acceptance, and retain the remainder for a minimum of 10 calendar days.
- (3) The department will obtain the sample and deliver to regional testing lab in the same day. Department will report gradation test results to the contractor within 1 business day of being delivered to the lab. Department and contractor can agree to an alternative test result reporting timeframe; alternative timeframe is required to be documented in the QMP.
- (4) Additional samples may be taken at the engineer’s discretion due to change in condition.

TABLE 710-3 DEPARTMENT GRADATION TESTING FREQUENCY

CONCRETE CLASSIFICATION	MINIMUM DEPARTMENT FREQUENCY
Class I: Pavement	1 test per placement day for first 5 days of placement. If all samples are passing, reduced frequency is applied.
	Reduced frequency: 1 test per calendar week of placement
Class I: Structures	1 test per 250 CY placed <ul style="list-style-type: none"> - Minimum of 1 test per substructure - Minimum of 1 test per superstructure

Class I: Cast-in-Place Barrier	1 test per 500 CY placed
Class II	No minimum testing

710.5.7 Corrective Action

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

710.5.7.1 Optimized Aggregate Gradations

- (1) If the contractor's 4-point running average or a department test result of the volumetric percent retained exceeds the tarantula curve limits by less than or equal to 1.0 percent on a single sieve size, do the following:
1. Notify the other party immediately.
 2. Perform corrective action documented in the QC plan or as the engineer approves.
 3. Document and provide corrective action results to the engineer as soon as they are available.
 4. Department will conduct two tests within the next business day after corrective action is complete.
 5. If blended aggregate gradations are within the tarantula curve limits by the second department test:
 - Continue with concrete production.
 - Contractor will include a break in the 4-point running average.
 - For Class I: Pavements, department will discontinue reduced frequency testing and will test at a frequency of 1 test per placement day. Once 5 consecutive samples are passing at the 1 test per placement day frequency, the reduced frequency testing will be reapplied.
 6. If blended aggregate gradations are not within the tarantula curve limits by the second department test:
 - Provide a new mix design with an increased cementitious content.
 - If the mix design already has a cementitious content of 565 or more pounds per cubic yard, provide a new mix design.
 - If the contract requires optimized aggregate gradations under 501.2.7.4.2.1(2), stop concrete production and submit a new mix design.
- (2) If the contractor's 4-point running average or a department test result of the volumetric percent retained exceeds the tarantula curve limits by more than 1.0 percent on one or more sieves, stop concrete production and submit a new mix design.
- (3) Department and contractor will sample and test aggregate of the new mix design at the frequency defined in 710.5.6.1.

710.5.7.2 Combined Aggregate Gradations

- (1) If the contractor's 4-point running average or a department test result of the percent passing by weight exceeds the combined aggregate gradation limits by less than or equal to 1.0 percent on a single sieve size, do the following:
1. Notify the other party immediately.
 2. Perform corrective action documented in the QC plan or as the engineer approves.
 3. Document and provide corrective action results to the engineer as soon as they are available.
 4. Department will conduct two tests within the next business day after corrective action is complete.
 5. If blended aggregate gradations are within the combined aggregate gradation limits by the second department test:
 - Continue with concrete production.
 - Contractor will include a break in the 4-point running average.
 - For Class I: Pavements, department will discontinue reduced frequency testing and will test at a frequency of 1 test per placement day. Once 5 consecutive samples are passing at the 1 test per placement day frequency, the reduced frequency testing will be reapplied.
 6. If blended aggregate gradations are not within the combined aggregate gradation limits by the second department test, stop concrete production and submit a new mix design.
- (2) If the contractor's 4-point running average or a department test result of the percent passing by weight exceeds the combined aggregate gradation limits by more than 1.0 percent on one or more sieves, stop concrete production and submit a new mix design.
- (3) Department and contractor will sample and test aggregate of the new mix design at the frequency defined in 710.5.6.1.

715.3.1.1 General

Replace paragraphs three and four with the following effective with the November 2021 letting:

- (3) Cast a set of 3 additional 6"x12" cylinders and test the concrete surface resistivity according to AASHTO T358. Perform this testing at least once per lot if total contract quantities are greater than or equal to the following:

- 20,000 square yards for pavements.
- 5,000 linear feet for barriers.
- 500 cubic yards for structure concrete.

Submit the resistivity to the nearest tenth into MRS for information only. Resistivity testing is not required for the following:

- Lot with less than 3 sublots.
 - Concrete items classified as ancillary.
 - Concrete placed under the following bid items:
 - Concrete Pavement Approach Slab
 - Concrete Masonry Culverts
 - Concrete Masonry Retaining Walls
- (4) Test the air void system at least once per lot and enter the SAM number in MRS for information only. SAM testing is not required for the following:
- For lots with less than 3 sublots.
 - High early strength (HES) concrete.
 - Special high early strength (SHES) concrete.
 - Concrete placed under the following bid items:
 - Concrete Pavement Approach Slab
 - Concrete Masonry Culverts
 - Concrete Masonry Retaining Walls
 - Steel Grid Floor Concrete Filled
 - Crash Cushions Permanent
 - Crash Cushions Permanent Low Maintenance
 - Crash Cushions Temporary

715.3.1.2.3 Lots by Cubic Yard

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

- (1) Define standard lots and sublots conforming to the following:

TABLE 715-1 CLASS I - LOT AND SUBLot SIZES

CONCRETE CLASSIFICATION	LOT SIZE	SUBLot SIZE	NUMBER OF SUBLots PER LOT
Class I: Pavement	1250 cubic yards	250 cubic yards	5
Class I: Structures	250 cubic yards	50 cubic yards	5
Class I: Cast-in-Place Barrier	500 cubic yards	100 cubic yards	5

- (2) The contractor may include sublots less than or equal to 25 percent of the standard volume in the previous subplot. For partial sublots exceeding 25 percent of the standard volume, notify the engineer who will direct additional testing to represent that partial subplot.
- (3) An undersized lot is eligible for incentive payment under 715.5 if the lot has 3 or more sublots for that lot.

715.3.2 Strength Evaluation

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

715.3.2.1 General

- (1) The department will make pay adjustments for strength on a lot-by-lot basis using the compressive strength of contractor QC cylinders or the flexural strength of contractor QC beams.

-
- (2) Randomly select 2 QC specimens to test at 28 days for percent within limits (PWL). Compare the strengths of the 2 randomly selected QC specimens and determine the 28-day subplot average strength as follows:
- If the lower strength divided by the higher strength is 0.9 or more, average the 2 QC specimens.
 - If the lower strength divided by the higher strength is less than 0.9, break one additional specimen and average the 2 higher strength specimens.

715.3.2.2 Removal and Replacement

715.3.2.2.1 Pavement

- (1) If a subplot strength is less than 2500 psi in compressive strength or 500 psi in flexural strength, the department may direct the contractor to core that subplot to determine its structural adequacy and whether to direct removal.
- (2) If the engineer directs coring, obtain three cores from the subplot in question. Have an HTCP-certified PCC technician I perform or observe core sampling according to AASHTO T24.
- (3) Have an independent consultant test cores according to AASHTO T24.
- (4) The department will assess concrete for removal and replacement based on a subplot-by-subplot analysis of core strength. Perform coring and testing, fill core holes with an engineer-approved non-shrink grout or concrete, and provide traffic control during coring.
- (5) The subplot pavement is conforming if the compressive strengths of all cores from the subplot are 2500 psi or greater.
- (6) The subplot pavement is nonconforming if the compressive strengths of any core from the subplot is less than 2500 psi. The department may direct removal and replacement or otherwise determine the final disposition of nonconforming material as specified in 106.5.

715.3.2.2.2 Structures and Cast-in-Place Barrier

- (1) The department will evaluate the subplot for possible removal and replacement if the 28-day subplot average compressive strength is lower than $f'c$ minus 500 psi. The value of $f'c$ is the design stress the plans show. The department may assess further strength price reductions or require removal and replacement only after coring the subplot.
- (2) The engineer may initially evaluate the subplot strength using a non-destructive method. Based on the results of non-destructive testing, the department may accept the subplot at the previously determined pay for the lot, or direct the contractor to core the subplot.
- (3) If the engineer directs coring, obtain three cores from the subplot in question. Have an HTCP-certified PCC technician I perform or observe core sampling according to AASHTO T24. Determine core locations, subject to the engineer's approval, that do not interfere with structural steel.
- (4) Have an independent consultant test cores according to AASHTO T24.
- (5) The department will assess concrete for removal and replacement based on a subplot-by-subplot analysis of core strength. Perform coring and testing, fill core holes with an engineer-approved non-shrink grout or concrete, and provide traffic control during coring.
- (6) If the 3-core average is greater than or equal to 85 percent of $f'c$, and no individual core is less than 75 percent of $f'c$, the engineer will accept the subplot at the previously determined pay for the lot. If the 3-core average is less than 85 percent of $f'c$, or an individual core is less than 75 percent of $f'c$, the engineer may require the contractor to remove and replace the subplot. The department may direct removal and replacement or otherwise determine the final disposition of nonconforming material as specified in 106.5.

715.3.3 Aggregate

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

715.3.3.1 General

- (1) Except as allowed for small quantities in 710.2, test aggregate conforming to 710.5.6.

715.3.3.2 Structures

- (1) In addition to the aggregate testing required under 710.5.6, determine the fine and coarse aggregate moisture content for each sample.
- (2) Calculate target batch weights for each mix when production of that mix begins. Whenever the moisture content of the fine or coarse aggregate changes by more than 0.5 percent, adjust the batch weights to maintain the design w/cm ratio.

715.5 Payment

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

715.5.1 General

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

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

- (2) Incentive payment may be more or less than the amount the schedule of items shows.
- (3) The department will administer disincentives for strength under the Disincentive Strength Concrete Structures, Disincentive Strength Concrete Barrier, Disincentive Flexural Strength Concrete Pavement, and Disincentive Compressive Strength Concrete Pavement, administrative items.
- (4) The pay factor that is calculated from the equations in 715.5.2(2) and 715.5.3(2) will be applied to the unit costs listed below:
- Pavement: \$45 per SY.
 - Structure: \$635 per CY.
 - Cast-in-place barrier: \$75 per LF.
- (5) 28-day strength average for a lot is the average of the individual subplot strengths within the given lot.
- (6) The department will not pay a strength incentive for concrete that is nonconforming in another specified property, for ancillary concrete accepted based on tests of class I concrete, or for high early strength concrete unless placed in pavement gaps as allowed under 715.3.1.2.2.
- (7) Submit test results to the department electronically using MRS software. The department will validate contractor data before determining pay adjustments.
- (8) All coring and testing costs under 715.3.2.2 including filling core holes and providing traffic control during coring are incidental to the contract.

715.5.2 Compressive Strength

- (1) The department will measure PWL relative to strength lower specification limits as follows:
- Compressive strength of 3700 psi for pavements.
 - Compressive strength of 4000 psi for structures and cast-in-place barrier.

- (2) The department will adjust pay for each lot using equation "Comp2022" as follows:

Percent within Limits (PWL)	Pay Factor (%)
>= 90 to 100	$(1/5 \times \text{PWL}) + 82$
>= 85 to < 90	100
>= 50 to < 85	$(5/7 \times \text{PWL}) + (275/7)$
< 50	50 ^[1]

^[1] Any material resulting in a lot PWL value less than 50 will be evaluated according to 715.3.2. In the event the material remains in place, it will be paid at 50 percent of the contract unit price of the concrete bid item.

- (3) The department will not pay incentive if the lot standard deviation is greater than the following:
- 400 psi for pavement.
 - 350 psi for structure and cast-in-place barrier
- (4) For lots with less than 3 sublots, there is no incentive but the department will reduce pay by 50 percent of the contract unit price for sublots with an average compressive strength below the following:
- 3700 psi for pavements.
 - 4000 psi for structures and cast-in-place barrier.

715.5.3 Flexural Strength

- (1) The department will measure PWL relative to strength lower specification limits as follows:
- Flexural strength of 650 psi for pavements.

- (2) The department will adjust pay for each lot using equation "Flex2022" as follows:

Percent within Limits (PWL)	Pay Factor (%)
>= 90 to 100	$(2/5 \times \text{PWL}) + 64$
>= 85 to < 90	100

≥ 50 to < 85
 < 50

$(5/7 \times \text{PWL}) + (275/7)$
 $50^{[1]}$

^[1] Material resulting in a lot PWL value less than 50 will be evaluated according to 715.3.2. In the event the material remains in place, it will be paid at 50 percent of the contract unit price of the concrete bid item.

- (3) The department will not pay incentive if the lot standard deviation is greater than 60 psi.
- (4) For lots with less than 3 sublots, there is no incentive but the department will reduce pay by 50 percent of the contract unit price for sublots with an average flexural strength below 650 psi.

ERRATA

460.2.2.3 Aggregate Gradation Master Range

Correct errata by adding US Standard equivalent sieve sizes.

- (1) Ensure that the aggregate blend, including recycled material and mineral filler, conforms to the gradation requirements in table 460-1. The values listed are design limits; production values may exceed those limits.

TABLE 460-1 AGGREGATE GRADATION MASTER RANGE AND VMA REQUIREMENTS

SIEVE	PERCENT PASSING DESIGNATED SIEVES							
	NOMINAL SIZE							
	No. 1 (37.5 mm) (1 1/2 inch)	No. 2 (25.0 mm) (1 inch)	No.3 (19.0 mm) (3/4 inch)	No. 4 (12.5 mm) (1/2 inch)	No. 5 (9.5 mm) (3/8 inch)	No. 6 (4.75 mm) (3/16 inch)	SMA No. 4 (12.5 mm) (1/2 inch)	SMA No. 5 (9.5 mm) (3/8 inch)
50.0-mm (2-inch)	100							
37.5-mm (1 1/2-inch)	90 - 100	100						
25.0-mm (1-inch)	90 max	90 - 100	100					
19.0-mm (3/4-inch)	—	90 max	90 - 100	100			100	
12.5-mm (1/2-inch)	—	—	90 max	90 - 100	100		90 - 97	100
9.5-mm (3/8-inch)	—	—	—	90 max	90 - 100	100	58 - 80	90 - 100
4.75-mm (No. 4)	—	—	—	—	90 max	90 - 100	25 - 35	35 - 45
2.36-mm (No. 8)	15 - 41	19 - 45	23 - 49	28 - 58	32 - 67	90 max	15 - 25	18 - 28
1.18-mm (No. 16)	—	—	—	—	—	30 - 55	—	—
0.60-mm (No. 30)	—	—	—	—	—	—	18 max	18 max
0.075-mm (No. 200)	0 - 6.0	1.0 - 7.0	2.0 - 8.0	2.0 - 10.0	2.0 - 10.0	6.0 - 13.0	8.0 - 11.0	8.0 - 12.0
% VMA	11.0 min	12.0 min	13.0 min	14.0 min ^[1]	15.0 min ^[2]	16.0 - 17.5	16.0 min	17.0 min

^[1] 14.5 for LT and MT mixes.

^[2] 15.5 for LT and MT mixes.

715.5.1 General

Correct the bid item number for Incentive Compressive Strength Concrete Pavement.

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

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

ADDITIONAL SPECIAL PROVISION 7

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

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

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

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

ADDITIONAL SPECIAL PROVISION 9

Electronic Certified Payroll or Labor Data Submittal

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

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

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

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

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

(5) Firms wishing to export payroll/labor data from their computer system into CRCS should have their payroll coordinator contact Paul Ndon at paul.ndon@dot.wi.gov. Not every contractor's payroll system is capable of producing export files. For details, see Section 4.8 CPR Auto Submit (Data Mapping) on pages 49-50; 66-71 of the CRCS Payroll Manual at:

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

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

Proposal ID: 20220111033 Project(s): 6933-00-76

Federal ID(s): 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	204.0100 Removing Concrete Pavement	270.000 SY	_____.	_____.
0004	204.0110 Removing Asphaltic Surface	1,275.000 SY	_____.	_____.
0006	204.0115 Removing Asphaltic Surface Butt Joints	831.000 SY	_____.	_____.
0008	204.0120 Removing Asphaltic Surface Milling	58,530.000 SY	_____.	_____.
0010	204.0130 Removing Curb	2.000 LF	_____.	_____.
0012	204.0150 Removing Curb & Gutter	2,220.000 LF	_____.	_____.
0014	204.0155 Removing Concrete Sidewalk	1,070.000 SY	_____.	_____.
0016	204.0195 Removing Concrete Bases	1.000 EACH	_____.	_____.
0018	204.9060.S Removing (item description) 01. Removing Inlet Cover	7.000 EACH	_____.	_____.
0020	204.9060.S Removing (item description) 02. Removing Manhole Cover	11.000 EACH	_____.	_____.
0022	213.0100 Finishing Roadway (project) 01. 6933-00-76	1.000 EACH	_____.	_____.
0024	305.0110 Base Aggregate Dense 3/4-Inch	380.000 TON	_____.	_____.
0026	305.0120 Base Aggregate Dense 1 1/4-Inch	27.000 TON	_____.	_____.
0028	415.1100 Concrete Pavement HES 10-Inch	260.000 SY	_____.	_____.
0030	416.0280 Concrete Driveway HES 8-Inch	120.000 SY	_____.	_____.
0032	455.0605 Tack Coat	4,060.000 GAL	_____.	_____.



Proposal Schedule of Items

Proposal ID: 20220111033 Project(s): 6933-00-76

Federal ID(s): N/A

SECTION: 0001 Contract Items

Alt Set ID: Alt Mbr ID:

Proposal Line Number	Item ID Description	Approximate Quantity and Units	Unit Price	Bid Amount
0034	460.2000 Incentive Density HMA Pavement	4,900.000 DOL	1.00000	4,900.00
0036	460.6223 HMA Pavement 3 MT 58-28 S	175.000 TON	_____	_____
0038	460.6424 HMA Pavement 4 MT 58-28 H	7,707.000 TON	_____	_____
0040	465.0105 Asphaltic Surface	50.000 TON	_____	_____
0042	465.0110 Asphaltic Surface Patching	100.000 TON	_____	_____
0044	465.0120 Asphaltic Surface Driveways and Field Entrances	10.000 TON	_____	_____
0046	601.0411 Concrete Curb & Gutter 30-Inch Type D	2,100.000 LF	_____	_____
0048	601.0600 Concrete Curb Pedestrian	190.000 LF	_____	_____
0050	602.0405 Concrete Sidewalk 4-Inch	5,400.000 SF	_____	_____
0052	602.0415 Concrete Sidewalk 6-Inch	4,850.000 SF	_____	_____
0054	602.0515 Curb Ramp Detectable Warning Field Natural Patina	648.000 SF	_____	_____
0056	611.0530 Manhole Covers Type J	11.000 EACH	_____	_____
0058	611.0624 Inlet Covers Type H	2.000 EACH	_____	_____
0060	611.0639 Inlet Covers Type H-S	5.000 EACH	_____	_____
0062	611.8110 Adjusting Manhole Covers	2.000 EACH	_____	_____
0064	611.8115 Adjusting Inlet Covers	4.000 EACH	_____	_____



Proposal Schedule of Items

Proposal ID: 20220111033 Project(s): 6933-00-76

Federal ID(s): N/A

SECTION: 0001 Contract Items

Alt Set ID: Alt Mbr ID:

Proposal Line Number	Item ID Description	Approximate Quantity and Units	Unit Price	Bid Amount
0066	611.9705 Salvaged Manhole Covers	2.000 EACH	_____.	_____.
0068	611.9710 Salvaged Inlet Covers	4.000 EACH	_____.	_____.
0070	618.0100 Maintenance And Repair of Haul Roads (project) 01. 6933-00-76	1.000 EACH	_____.	_____.
0072	619.1000 Mobilization	1.000 EACH	_____.	_____.
0074	624.0100 Water	5.000 MGAL	_____.	_____.
0076	625.0100 Topsoil	850.000 SY	_____.	_____.
0078	627.0200 Mulching	850.000 SY	_____.	_____.
0080	628.7015 Inlet Protection Type C	65.000 EACH	_____.	_____.
0082	629.0210 Fertilizer Type B	0.550 CWT	_____.	_____.
0084	630.0140 Seeding Mixture No. 40	15.000 LB	_____.	_____.
0086	630.0500 Seed Water	2.000 MGAL	_____.	_____.
0088	634.0614 Posts Wood 4x6-Inch X 14-FT	23.000 EACH	_____.	_____.
0090	637.2210 Signs Type II Reflective H	69.000 SF	_____.	_____.
0092	638.2102 Moving Signs Type II	7.000 EACH	_____.	_____.
0094	638.2602 Removing Signs Type II	5.000 EACH	_____.	_____.
0096	638.3000 Removing Small Sign Supports	5.000 EACH	_____.	_____.



Proposal Schedule of Items

Proposal ID: 20220111033 Project(s): 6933-00-76

Federal ID(s): N/A

SECTION: 0001 Contract Items

Alt Set ID: Alt Mbr ID:

Proposal Line Number	Item ID Description	Approximate Quantity and Units	Unit Price	Bid Amount
0098	638.4000 Moving Small Sign Supports	3.000 EACH	_____.	_____.
0100	642.5201 Field Office Type C	1.000 EACH	_____.	_____.
0102	643.0300 Traffic Control Drums	2,577.000 DAY	_____.	_____.
0104	643.0410 Traffic Control Barricades Type II	474.000 DAY	_____.	_____.
0106	643.0420 Traffic Control Barricades Type III	2,352.000 DAY	_____.	_____.
0108	643.0705 Traffic Control Warning Lights Type A	5,590.000 DAY	_____.	_____.
0110	643.0900 Traffic Control Signs	6,729.000 DAY	_____.	_____.
0112	643.0920 Traffic Control Covering Signs Type II	3.000 EACH	_____.	_____.
0114	643.1000 Traffic Control Signs Fixed Message	55.000 SF	_____.	_____.
0116	643.1050 Traffic Control Signs PCMS	28.000 DAY	_____.	_____.
0118	643.1070 Traffic Control Cones 42-Inch	72.000 DAY	_____.	_____.
0120	643.5000 Traffic Control	1.000 EACH	_____.	_____.
0122	644.1410 Temporary Pedestrian Surface Asphalt	125.000 SF	_____.	_____.
0124	644.1601 Temporary Pedestrian Curb Ramp	17.000 DAY	_____.	_____.
0126	644.1810 Temporary Pedestrian Barricade	940.000 LF	_____.	_____.
0128	646.1020 Marking Line Epoxy 4-Inch	10,016.000 LF	_____.	_____.



Proposal Schedule of Items

Proposal ID: 20220111033 Project(s): 6933-00-76

Federal ID(s): N/A

SECTION: 0001 Contract Items

Alt Set ID: Alt Mbr ID:

Proposal Line Number	Item ID Description	Approximate Quantity and Units	Unit Price	Bid Amount
0130	646.1040 Marking Line Grooved Wet Ref Epoxy 4-Inch	10,510.000 LF	_____.	_____.
0132	646.3020 Marking Line Epoxy 8-Inch	120.000 LF	_____.	_____.
0134	646.4520 Marking Line Same Day Epoxy 4-Inch	18,038.000 LF	_____.	_____.
0136	646.5020 Marking Arrow Epoxy	2.000 EACH	_____.	_____.
0138	646.5320 Marking Railroad Crossings Epoxy	2.000 EACH	_____.	_____.
0140	646.6120 Marking Stop Line Epoxy 18-Inch	184.000 LF	_____.	_____.
0142	646.7420 Marking Crosswalk Epoxy Transverse Line 6-Inch	3,275.000 LF	_____.	_____.
0144	646.7520 Marking Crosswalk Epoxy Block Style 24-Inch	144.000 LF	_____.	_____.
0146	646.8320 Marking Parking Stall Epoxy	1,480.000 LF	_____.	_____.
0148	646.9200 Marking Removal Line Wide	290.000 LF	_____.	_____.
0150	648.0100 Locating No-Passing Zones	0.990 MI	_____.	_____.
0152	649.0105 Temporary Marking Line Paint 4-Inch	16,756.000 LF	_____.	_____.
0154	650.5500 Construction Staking Curb Gutter and Curb & Gutter	1,500.000 LF	_____.	_____.
0156	650.8000 Construction Staking Resurfacing Reference	14,473.000 LF	_____.	_____.
0158	650.9000 Construction Staking Curb Ramps	53.000 EACH	_____.	_____.



Proposal Schedule of Items

Proposal ID: 20220111033 Project(s): 6933-00-76

Federal ID(s): 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
0160	650.9910 Construction Staking Supplemental Control (project) 01. 6933-00-76	LS	LUMP SUM	_____.
0162	653.0900 Adjusting Pull Boxes	7.000 EACH	_____.	_____.
0164	653.0905 Removing Pull Boxes	3.000 EACH	_____.	_____.
0166	690.0150 Sawing Asphalt	3,100.000 LF	_____.	_____.
0168	690.0250 Sawing Concrete	1,350.000 LF	_____.	_____.
0170	740.0440 Incentive IRI Ride	9,244.000 DOL	1.00000	9,244.00
0172	801.0117 Railroad Flagging Reimbursement	5,200.000 DOL	1.00000	5,200.00
0174	SPV.0090 Special 01. Concrete Curb & Gutter HES 30-Inch Type D	102.000 LF	_____.	_____.
0176	SPV.0165 Special 01. Removing Temporary Sidewalk	1,589.000 SF	_____.	_____.
Section: 0001			Total:	_____.
			Total Bid:	_____.

PLEASE ATTACH ADDENDA HERE



Wisconsin Department of Transportation

Division of Transportation Systems Development

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

January 6, 2022

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

NOTICE TO ALL CONTRACTORS:

**Proposal #33: Project ID 6933-00-76
Babcock - Nekoosa
CTH G (N) to STH 73
STH 173
Wood County**

Letting of January 11, 2022

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

Special Provisions:

Revised Special Provisions	
Article No.	Description
3	Prosecution and Progress

Added Special Provisions	
Article No.	Description
17	Asphaltic Surface

Schedule of Items:

Revised Bid Item Quantities					
Bid Item	Item Description	Unit	Old Quantity	Revised Quantity	Proposal Total
465.0105	Asphaltic Surface	TON	50	176	226

Deleted Bid Item Quantities					
Bid Item	Item Description	Unit	Old Quantity	Revised Quantity	Proposal Total
460.6424	HMA Pavement 3 MT 58-28 S	TON	175	-175	0

Plan Sheets:

Revised Plan Sheets	
Plan Sheet	Plan Sheet Title (brief description of changes to sheet)
7	Typical Section: Modify lower layer pavement type for railroad approach pavement
8	Construction Detail: Modify lower layer pavement type for manhole and inlet removal and salvage detail and curb repair detail
86	Miscellaneous Quantities: Deleted bid item 460.6223 and revised quantity for bid item 465.0105
87	Miscellaneous Quantities: Changed bid item 460.6223 to bid item 465.0105

The responsibility for notifying potential subcontractors and suppliers of these changes remains with the prime contractor.

Sincerely,

Mike Coleman

Proposal Development Specialist
Proposal Management Section

ADDENDUM NO. 01

6933-00-76

January 6, 2022

Special Provisions

3. Prosecution and Progress

Replace paragraph seven with the following:

A milled surface open to through traffic shall not remain in place for longer than 72 hours unless adverse weather prevents placement of the asphalt layer. Provide an even cross-sectional profile of the roadway at the end of each day's milling operations on roadways open to through traffic. Uneven lanes on roadways open to through traffic will not be allowed when the final operation completed on either lane was milling. A milled surface is prohibited during the time periods specified in Holidays and Special Events article.

17. Asphaltic Surface

Furnish an asphaltic mixture meeting the requirements specified for an MT mix under 460.2 for the lower layer(s) of roadway pavement.

Schedule of Items

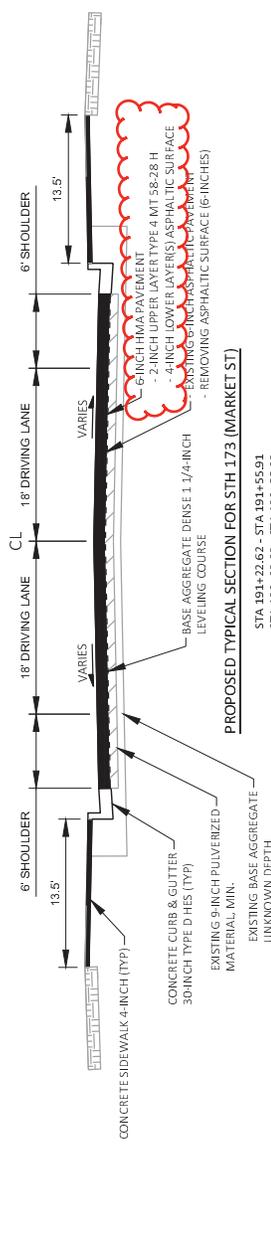
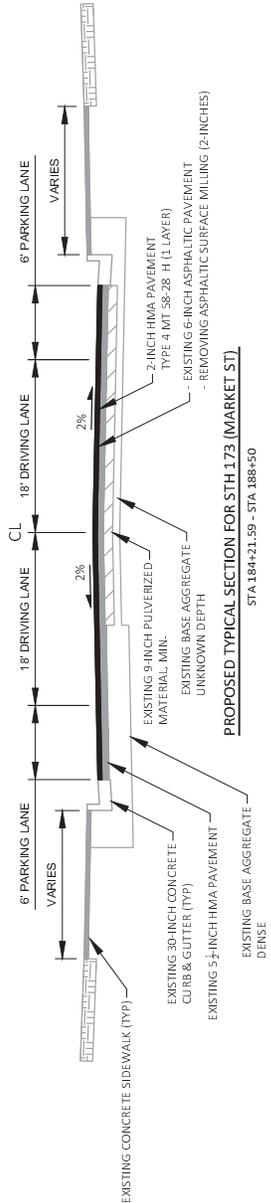
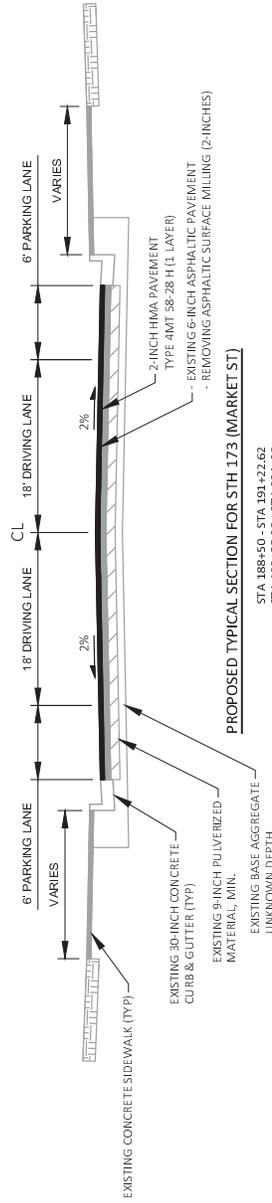
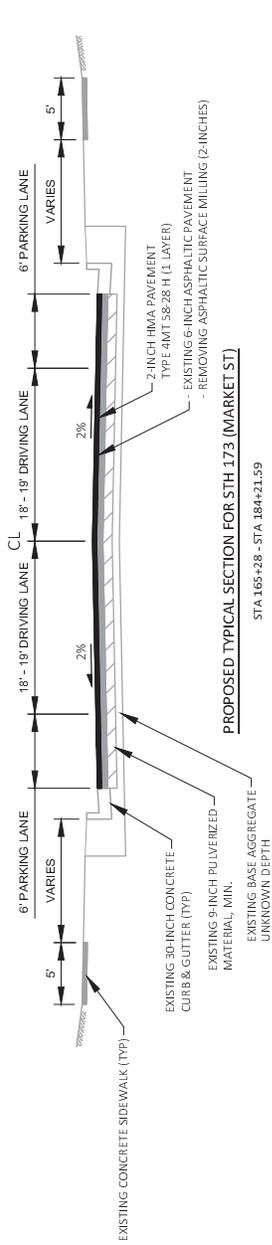
Attached, dated January 6, 2022, are the revised Schedule of Items Pages 1 – 6.

Plan Sheets

The following 8½ x 11-inch sheets are attached and made part of the plans for this proposal:
Revised: 7, 8, 86 and 87.

END OF ADDENDUM

Addendum No. 01
ID 6933-00-76
Revised Sheet 7
January 6, 2022



BASE COURSE

STATION TO STATION	LOCATION	305.0110 BASE AGGREGATE DENSE 3/4-INCH	TON	305.0120 BASE AGGREGATE DENSE 1 1/4-INCH	TON	624.0100 WATER	MGAL
PROJECT 6933-00-76							
CATEGORY 0010							
59+00	88+95	STH 173	260	---	---	2	
97+90	112+00	STH 173	120	---	---	1	
WEST RR APPROACH		STH 173	---	15	---	1	
EAST RR APPROACH		STH 173	---	12	---	1	
PROJECT TOTALS			380	27		5	

CONCRETE PAVEMENT

STATION TO STATION	LOCATION	415.1100 CONCRETE PAVEMENT HES 10-INCH	SY
PROJECT 6933-00-76			
CATEGORY 0010			
191+33	192+26	STH 173	260
PROJECT TOTALS			260

HMA PAVEMENT AT CURB REPAIRS AND ASPHALTIC SURFACE

STATION TO STATION	LOCATION	465.0105 ASPHALTIC SURFACE	TON*	465.0120 ASPHALTIC SURFACE DRIVEWAYS & FIELD	TON	465.0110 ASPHALTIC SURFACE PATCHING	TON
PROJECT 6933-00-76							
CATEGORY 0010							
145+08	156+60	STH 173	18	0	---	---	
156+60	186+60	STH 173	81	2	---	---	
186+60	204+29	STH 173	48	2	---	---	
UNDISTRIBUTED		STH 173	4	6	100	100	
PROJECT TOTALS			151	10			

*ADDITIONAL QTY IN ASPHALTIC ITEMS TABLE.

CONCRETE DRIVEWAYS

STATION	DIR	LOCATION	416.0280 CONCRETE DRIVEWAY HES 8-INCH	SY
PROJECT 6933-00-76				
CATEGORY 0010				
191+25	RT	STH 173	19	
191+65	LT	STH 173	28	
192+40	RT	STH 173	42	
192+40	LT	STH 173	15	
UNDISTRIBUTED			16	
PROJECT TOTALS				120

Addendum No. 01
ID 6933-00-76
Revised Sheet 86
January 6, 2022

Addendum No. 01
 ID 6933-00-76
 Revised Sheet 87
 January 6, 2022

ASPHALTIC ITEMS

STATION TO	STATION	ROADWAY	AREA	PAVEMENT SECTION	TACK COAT GAL	ASPHALTIC SURFACE TON	JMA PAVEMENT 2 MT 58-28 H TON
PROJECT 6933-00-76							
CATEGORY 0010							
59+00	- 86+00	STH 173	LT SHOULDER LT LANE RT LANE	OVERLAY	66	465.0105	460.6424
			RT SHOULDER		216	---	414
			LT LANE		216	---	414
			RT LANE		100	---	192
86+00	- 116+00	STH 173	LT SHOULDER	OVERLAY	103	---	196
			LT LANE		239	---	458
			RT LANE		241	---	462
			RT SHOULDER		133	---	254
116+00	- 144+50	STH 173	LT SHOULDER	OVERLAY	117	---	224
			LT LANE		227	---	435
			RT LANE		229	---	438
			RT SHOULDER		119	---	227
144+50	- 153+00	STH 173	LT SHOULDER	OVERLAY	46	---	88
			LT LANE		62	---	120
			RT LANE		61	---	118
			RT SHOULDER		41	---	79
153+00	- 186+00	STH 173	LT OUTSIDE LANE	OVERLAY	262	---	502
			LT INSIDE LANE		271	---	519
			RT INSIDE LANE		270	---	517
			RT OUTSIDE LANE		271	---	520
186+00	- 191+20	STH 173	LT OUTSIDE LANE	OVERLAY	39	---	74
			LT INSIDE LANE		37	---	72
			RT INSIDE LANE		37	---	70
			RT OUTSIDE LANE		36	---	68
191+20	- 191+55	STH 173	LT OUTSIDE LANE	FULL DEPTH	8	11	5
			LT INSIDE LANE		8	10	5
			RT INSIDE LANE		8	10	5
			RT OUTSIDE LANE		8	11	5
192+29	- 192+55	STH 173	LT OUTSIDE LANE	FULL DEPTH	7	9	4
			LT INSIDE LANE		6	8	4
			RT INSIDE LANE		6	8	4
			RT OUTSIDE LANE		7	9	4
192+55	- 203+75	STH 173	LT OUTSIDE LANE	OVERLAY	89	---	171
			LT INSIDE LANE		94	---	180
			RT INSIDE LANE		94	---	180
			RT OUTSIDE LANE		95	---	183
INTERSECTIONS		STH 173	INTERSECTION	OVERLAY	192	---	367
PROJECT TOTALS					4,060	75	7,707



Proposal Schedule of Items

Proposal ID: 20220111033 Project(s): 6933-00-76

Federal ID(s): 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	204.0100 Removing Concrete Pavement	270.000 SY	_____.	_____.
0004	204.0110 Removing Asphaltic Surface	1,275.000 SY	_____.	_____.
0006	204.0115 Removing Asphaltic Surface Butt Joints	831.000 SY	_____.	_____.
0008	204.0120 Removing Asphaltic Surface Milling	58,530.000 SY	_____.	_____.
0010	204.0130 Removing Curb	2.000 LF	_____.	_____.
0012	204.0150 Removing Curb & Gutter	2,220.000 LF	_____.	_____.
0014	204.0155 Removing Concrete Sidewalk	1,070.000 SY	_____.	_____.
0016	204.0195 Removing Concrete Bases	1.000 EACH	_____.	_____.
0018	204.9060.S Removing (item description) 01. Removing Inlet Cover	7.000 EACH	_____.	_____.
0020	204.9060.S Removing (item description) 02. Removing Manhole Cover	11.000 EACH	_____.	_____.
0022	213.0100 Finishing Roadway (project) 01. 6933-00-76	1.000 EACH	_____.	_____.
0024	305.0110 Base Aggregate Dense 3/4-Inch	380.000 TON	_____.	_____.
0026	305.0120 Base Aggregate Dense 1 1/4-Inch	27.000 TON	_____.	_____.
0028	415.1100 Concrete Pavement HES 10-Inch	260.000 SY	_____.	_____.
0030	416.0280 Concrete Driveway HES 8-Inch	120.000 SY	_____.	_____.
0032	455.0605 Tack Coat	4,060.000 GAL	_____.	_____.



Proposal Schedule of Items

Proposal ID: 20220111033 Project(s): 6933-00-76

Federal ID(s): N/A

SECTION: 0001

Contract Items

Alt Set ID:

Alt Mbr ID:

Proposal Line Number	Item ID Description	Approximate Quantity and Units	Unit Price	Bid Amount
0034	460.2000 Incentive Density HMA Pavement	4,900.000 DOL	1.00000	4,900.00
0038	460.6424 HMA Pavement 4 MT 58-28 H	7,707.000 TON	_____	_____
0040	465.0105 Asphaltic Surface	226.000 TON	_____	_____
0042	465.0110 Asphaltic Surface Patching	100.000 TON	_____	_____
0044	465.0120 Asphaltic Surface Driveways and Field Entrances	10.000 TON	_____	_____
0046	601.0411 Concrete Curb & Gutter 30-Inch Type D	2,100.000 LF	_____	_____
0048	601.0600 Concrete Curb Pedestrian	190.000 LF	_____	_____
0050	602.0405 Concrete Sidewalk 4-Inch	5,400.000 SF	_____	_____
0052	602.0415 Concrete Sidewalk 6-Inch	4,850.000 SF	_____	_____
0054	602.0515 Curb Ramp Detectable Warning Field Natural Patina	648.000 SF	_____	_____
0056	611.0530 Manhole Covers Type J	11.000 EACH	_____	_____
0058	611.0624 Inlet Covers Type H	2.000 EACH	_____	_____
0060	611.0639 Inlet Covers Type H-S	5.000 EACH	_____	_____
0062	611.8110 Adjusting Manhole Covers	2.000 EACH	_____	_____
0064	611.8115 Adjusting Inlet Covers	4.000 EACH	_____	_____
0066	611.9705 Salvaged Manhole Covers	2.000 EACH	_____	_____



Proposal Schedule of Items

Proposal ID: 20220111033 Project(s): 6933-00-76

Federal ID(s): 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
0068	611.9710 Salvaged Inlet Covers	4.000 EACH	_____.	_____.
0070	618.0100 Maintenance And Repair of Haul Roads (project) 01. 6933-00-76	1.000 EACH	_____.	_____.
0072	619.1000 Mobilization	1.000 EACH	_____.	_____.
0074	624.0100 Water	5.000 MGAL	_____.	_____.
0076	625.0100 Topsoil	850.000 SY	_____.	_____.
0078	627.0200 Mulching	850.000 SY	_____.	_____.
0080	628.7015 Inlet Protection Type C	65.000 EACH	_____.	_____.
0082	629.0210 Fertilizer Type B	0.550 CWT	_____.	_____.
0084	630.0140 Seeding Mixture No. 40	15.000 LB	_____.	_____.
0086	630.0500 Seed Water	2.000 MGAL	_____.	_____.
0088	634.0614 Posts Wood 4x6-Inch X 14-FT	23.000 EACH	_____.	_____.
0090	637.2210 Signs Type II Reflective H	69.000 SF	_____.	_____.
0092	638.2102 Moving Signs Type II	7.000 EACH	_____.	_____.
0094	638.2602 Removing Signs Type II	5.000 EACH	_____.	_____.
0096	638.3000 Removing Small Sign Supports	5.000 EACH	_____.	_____.
0098	638.4000 Moving Small Sign Supports	3.000 EACH	_____.	_____.



Proposal Schedule of Items

Proposal ID: 20220111033 Project(s): 6933-00-76

Federal ID(s): 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
0100	642.5201 Field Office Type C	1.000 EACH	_____.	_____.
0102	643.0300 Traffic Control Drums	2,577.000 DAY	_____.	_____.
0104	643.0410 Traffic Control Barricades Type II	474.000 DAY	_____.	_____.
0106	643.0420 Traffic Control Barricades Type III	2,352.000 DAY	_____.	_____.
0108	643.0705 Traffic Control Warning Lights Type A	5,590.000 DAY	_____.	_____.
0110	643.0900 Traffic Control Signs	6,729.000 DAY	_____.	_____.
0112	643.0920 Traffic Control Covering Signs Type II	3.000 EACH	_____.	_____.
0114	643.1000 Traffic Control Signs Fixed Message	55.000 SF	_____.	_____.
0116	643.1050 Traffic Control Signs PCMS	28.000 DAY	_____.	_____.
0118	643.1070 Traffic Control Cones 42-Inch	72.000 DAY	_____.	_____.
0120	643.5000 Traffic Control	1.000 EACH	_____.	_____.
0122	644.1410 Temporary Pedestrian Surface Asphalt	125.000 SF	_____.	_____.
0124	644.1601 Temporary Pedestrian Curb Ramp	17.000 DAY	_____.	_____.
0126	644.1810 Temporary Pedestrian Barricade	940.000 LF	_____.	_____.
0128	646.1020 Marking Line Epoxy 4-Inch	10,016.000 LF	_____.	_____.
0130	646.1040 Marking Line Grooved Wet Ref Epoxy 4-Inch	10,510.000 LF	_____.	_____.



Proposal Schedule of Items

Proposal ID: 20220111033 Project(s): 6933-00-76

Federal ID(s): 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
0132	646.3020 Marking Line Epoxy 8-Inch	120.000 LF	_____.	_____.
0134	646.4520 Marking Line Same Day Epoxy 4-Inch	18,038.000 LF	_____.	_____.
0136	646.5020 Marking Arrow Epoxy	2.000 EACH	_____.	_____.
0138	646.5320 Marking Railroad Crossings Epoxy	2.000 EACH	_____.	_____.
0140	646.6120 Marking Stop Line Epoxy 18-Inch	184.000 LF	_____.	_____.
0142	646.7420 Marking Crosswalk Epoxy Transverse Line 6-Inch	3,275.000 LF	_____.	_____.
0144	646.7520 Marking Crosswalk Epoxy Block Style 24-Inch	144.000 LF	_____.	_____.
0146	646.8320 Marking Parking Stall Epoxy	1,480.000 LF	_____.	_____.
0148	646.9200 Marking Removal Line Wide	290.000 LF	_____.	_____.
0150	648.0100 Locating No-Passing Zones	0.990 MI	_____.	_____.
0152	649.0105 Temporary Marking Line Paint 4-Inch	16,756.000 LF	_____.	_____.
0154	650.5500 Construction Staking Curb Gutter and Curb & Gutter	1,500.000 LF	_____.	_____.
0156	650.8000 Construction Staking Resurfacing Reference	14,473.000 LF	_____.	_____.
0158	650.9000 Construction Staking Curb Ramps	53.000 EACH	_____.	_____.
0160	650.9910 Construction Staking Supplemental Control (project) 01. 6933-00-76	LS	LUMP SUM	_____.



Proposal Schedule of Items

Proposal ID: 20220111033 Project(s): 6933-00-76

Federal ID(s): 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
0162	653.0900 Adjusting Pull Boxes	7.000 EACH	_____.	_____.
0164	653.0905 Removing Pull Boxes	3.000 EACH	_____.	_____.
0166	690.0150 Sawing Asphalt	3,100.000 LF	_____.	_____.
0168	690.0250 Sawing Concrete	1,350.000 LF	_____.	_____.
0170	740.0440 Incentive IRI Ride	9,244.000 DOL	1.00000	9,244.00
0172	801.0117 Railroad Flagging Reimbursement	5,200.000 DOL	1.00000	5,200.00
0174	SPV.0090 Special 01. Concrete Curb & Gutter HES 30-Inch Type D	102.000 LF	_____.	_____.
0176	SPV.0165 Special 01. Removing Temporary Sidewalk	1,589.000 SF	_____.	_____.
Section: 0001			Total:	_____.
			Total Bid:	_____.

