

HIGHWAY WORK PROPOSAL

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

Proposal Number: **007**

<u>COUNTY</u>	<u>STATE PROJECT</u>	<u>FEDERAL</u>	<u>PROJECT DESCRIPTION</u>	<u>HIGHWAY</u>
Fond Du Lac	6100-08-60	N/A	Fairwater-Brandon; Wcl-Sth 49	STH 044

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: October 11, 2022 Time (Local Time): 11:00 am	Firm Name, Address, City, State, Zip Code
Contract Completion Time 35 Working Days	SAMPLE NOT FOR BIDDING PURPOSES
Assigned Disadvantaged Business Enterprise Goal 0%	This contract is exempt from federal oversight.

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

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

Subscribed and sworn to before me this date _____

(Signature, Notary Public, State of Wisconsin)

(Bidder Signature)

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

(Print or Type Bidder Name)

(Date Commission Expires)

(Bidder Title)

Notary Seal

Type of Work: Excavation, Base, HMA Pavement, Asphaltic Surface, Curb and Gutter, Sidewalk, Beam Guard, Pavement Marking, Storm Sewer, Culverts	For Department Use Only
Notice of Award Dated	Date Guaranty Returned

**PLEASE ATTACH
PROPOSAL GUARANTY HERE**

Effective with November 2007 Letting

PROPOSAL REQUIREMENTS AND CONDITIONS

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

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

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

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

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

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

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

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

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

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

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

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

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

Effective with August 2015 Letting

BID PREPARATION

Preparing the Proposal Schedule of Items

A General

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

- (2) Bids submitted on a printout with accompanying diskette or CD ROM or paper bids submitted under a waiver of the electronic submittal requirements govern over bids submitted on the internet.

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

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

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

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

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

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

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

B Submitting Electronic Bids

B.1 On the Internet

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

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

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

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

Bidder Name

BN00

Proposals: 1, 12, 14, & 22

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

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

C Waiver of Electronic Submittal

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

PROPOSAL BID BOND

DT1303 1/2006

Wisconsin Department of Transportation

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

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

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

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

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

PRINCIPAL

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

(Signature and Title)

(Company Name)

(Signature and Title)

(Company Name)

(Signature and Title)

(Company Name)

(Signature and Title)

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

(Signature of Attorney-in-Fact)

NOTARY FOR PRINCIPAL

NOTARY FOR SURETY

(Date)

(Date)

State of Wisconsin)
) ss.
_____ County)

State of Wisconsin)
) ss.
_____ County)

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

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

(Signature, Notary Public, State of Wisconsin)

(Signature, Notary Public, State of Wisconsin)

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

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

(Date Commission Expires)

(Date Commission Expires)

Notary Seal

Notary Seal

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

CERTIFICATE OF ANNUAL BID BOND

DT1305 8/2003

Wisconsin Department of Transportation

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

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

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

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

(Signature of Authorized Contractor Representative)

(Date)

DECEMBER 2000

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

Instructions for Certification

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

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

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

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

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

Special Provisions

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STSP'S Revised January 7, 2022

SPECIAL PROVISIONS

1. General.

Perform the work under this construction contract for Project 6100-08-60 Fairwater – Brandon, WCL – STH 49, STH 44, Fond du Lac 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 (20220107)

2. Scope of Work.

The work under this contract shall consist of grading, base aggregate dense, HMA pavement, concrete curb and gutter, concrete sidewalk, guardrail, culverts, landscaping, 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 10 calendar days after the engineer issues a written notice to do so.

Provide the time frame for construction of the project within the 2023 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. Upon approval, the engineer will issue the notice to proceed within 10 calendar days before the beginning of the approved time frame.

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.

The Notice to Proceed will be issued such that work shall start no later than August 16, 2023, unless otherwise approved by the engineer.

Interim Liquidated Damages – Culvert Replacement and Railroad Approach Work: 15 Calendar Days

At the beginning of culvert replacement and railroad approach work, close STH 44 between CTH E and STH 49 to through traffic for a maximum of 15 calendar days. Do not reopen until completing the following work: removing and replacing culverts, grading, base aggregate dense, HMA pavement, and railroad approach work.

If the contractor fails to complete the work necessary to reopen STH 44 to through traffic within 15 calendar days, the department will assess the contractor \$2,500 in interim liquidated damages for each calendar day the contract work remains incomplete beyond 15 calendar days. An entire calendar day will be charged for any period of time within a calendar day that the road remains closed beyond 12:01 AM.

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

Northern Long-eared Bat (*Myotis septentrionalis*)

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

If additional construction activities beyond what was originally specified are required to complete the work, approval from the engineer, following coordination with WisDOT REC, is required prior to initiating these activities.

4. Traffic.

Place the appropriate signing and barricades prior to beginning construction work on the roadway.

Detour traffic during culvert replacement work and railroad work. Detour through traffic following CTH E, CTH KK, and STH 44 as shown in the plans. 15 calendar days will be allowed for full closure of STH 44.

Cover culvert trenches with a compacted aggregate surface to an elevation consistent with the adjacent pavement. Backfill trenches to an elevation consistent with the adjacent pavement surfaces prior to leaving the immediate work area. Monitor and maintain any aggregate surface, and immediately repair those surfaces at the direction of the engineer. Signing used to delineate variations in the surface material is incidental to the base aggregate bid item. Pave all trenches within 72 hours when constructed under flagging operations. Pave trenches constructed within a detour section before opening to through traffic.

Only daytime flagging operations are allowable.

Maintain two-way through traffic within the project limits at all times (except for culvert replacement and railroad work) by using flagging operations. Reduce traffic to one lane in the immediate area of milling and paving operations during daylight hours to complete the work. Maintain a minimum of one 10-foot travel lane with a 2-foot shoulder unless otherwise allowed by engineer. At the end of each working day, 2-way traffic must be reestablished.

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

Traffic is allowed to operate on a milled surface for up to 72 hours maximum with approval of the engineer.

Provide an even cross-sectional profile of the roadway at the end of each day's milling operations on roadways open to through traffic. Provide an even cross-sectional profile of roadway for paving operations within 72 hours for a given location.

Close shoulders to accommodate guardrail work and culvert extension work. Shoulders must be reopened during non-working hours. Prior to reopening the shoulders, the work required for adjusting or replacing guardrail must be completed. Once initial rail has been removed, place new guardrail for each location within 72 hours.

Maintain access to driveways at all times except when performing work directly in front of and adjacent to driveways. Provide the property owners whose driveways will be affected by the project a 48-hour minimum notice of the impending work/closure. Allow emergency vehicles access throughout the construction zone at all times.

Portable Changeable Message Signs – Message Prior Approval

After coordinating with department construction field staff, notify the Northeast Region Traffic Section at 920-366-8033 (secondary contact number is 920-360-3107) 3 business days before deploying or changing a message on a PCMS to obtain approval of the proposed message. The Northeast Region Traffic Unit will review the proposed message and either approve the message or make necessary changes.

PCMS boards must be deployed 7 days before the start of the project and before each detour.

ner-643-035 (20171213)

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')	MINIMUM NOTIFICATION
Lane and shoulder closures	3 business days
Ramp closures	3 business days
Modifying all closure types	3 business days

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

Clear Zone Working Restrictions

Park equipment and store materials, including stockpiles, a minimum of 15-feet from the edge of the traveled way unless protected by concrete barrier temporary precast.

If the contractor is unsure whether an individual work operation will meet the safety requirements for working within the clear zone, review the proposed work operation with the engineer before proceeding with the work.

ner-104-005 (20200227)

Construction Operations

A general description of the anticipated operations is as follows:

Stage 1 – Culvert Replacement and Railroad Work

Close STH 44 to through traffic between the CTH E intersection and STH 49. Detour traffic north on CTH E to CTH KK and back to STH 44. Remove and install the three culverts located south of the Village of Fairwater. Provide a full closure at culvert replacement locations. Complete railroad approach work as shown in plans.

Stage 2 – Milling and Paving Operations.

Remove detour and open STH 44 to through traffic after culvert replacement and railroad work is complete. Complete remaining project items by using flagging operations to maintain through traffic.

Pedestrian Staging

Pedestrian access must be maintained throughout the project. All temporary pedestrian access and crossings must be ADA compliant on a hard surface and follow applicable details as shown in Standard Detail Drawing 15d30 Traffic Control, Pedestrian Accommodation and shown in the plans.

Base aggregate dense is not considered a hard surface and will not fulfill this requirement. Contact property owners when sidewalk closures will take place and coordinate any temporary access needed if alternate access does not exist.

Stage 1

Construct curb ramps on the east side of STH 44 between Blodgett Street and Kennedy Drive. Maintain existing sidewalk on the west side of STH 44 between Blodgett Street and Kennedy Drive.

Construct sidewalk in the northwest quadrant of the Church Street intersection; keep existing sidewalk and curb ramp open to pedestrian traffic at this location. Construct curb ramp in the northwest and southeast quadrants of the Washington Street intersection. Maintain existing sidewalk on west side of STH 44 from Church Street to Washington Street.

Detour pedestrian traffic along STH 44 to Church Street to Maria Street to Washington Street. Provide a temporary crossing at Washington Street.

Stage 2

Maintain the sidewalk on the east side of STH 44 between Blodgett Street and Kennedy Drive.

Construct the sidewalk on the west side of STH 44 between Blodgett Street and Kennedy Drive. Divert pedestrian traffic into the existing parking lane as shown in the plans. After sidewalk is constructed, switch pedestrians to the newly completed sidewalk and complete curb ramp work for the bump-out area.

Maintain sidewalk on west side of STH 44 from Church Street to Washington Street. Construct curb ramps in the northwest and southwest quadrants of the Church Street intersection. Construct curb ramp in the southwest quadrant of the Washington Street intersection.

Detour pedestrian traffic along STH 44 to Church Street to Maria Street to Washington Street. Provide a temporary crossing of Washington Street and across STH 44 as shown in the plans.

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 44 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, June 30, 2023 to 6:00 AM Wednesday, July 5, 2023 for Independence Day;
- From noon Friday, September 1, 2023 to 6:00 AM Tuesday, September 5, 2023 for Labor Day.

stp-107-005 (20210113)

6. Utilities.

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

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 (electricity) has overhead electric facilities throughout the project area. No adjustments are anticipated. Existing poles located at approximately Station 51+85, 26' RT and 54+30, 28' RT near the guardrail replacement area will remain in place during grading operations. Exercise caution when grading around the poles not to damage them.

Village of Fairwater (Sewer) has sanitary manholes throughout the Village of Fairwater. Adjust manholes to match the new finished pavement or grade elevations. Perform this work in accordance with the requirements of the Adjusting Sanitary Manhole Covers bid item. Arrange for an observer to be on site during the manhole adjustments by notifying the Village of Fairwater.

The village has a 10-inch metal discharge pipe that runs from the village's pump house located along the south side of STH 44 at approximately Station 35+00 and discharges at approximately Station 25+60, RT. The metal pipe will be extended outside the proposed toe of slope in accordance with the requirements of the Storm Sewer Pipe PVC 10-Inch bid item.

Village of Fairwater (Water) has water facilities throughout the Village of Fairwater. Adjust water valves to match the new finished pavement elevation. Perform this work according to the requirements of the Adjusting Water Valve Boxes bid item. Arrange for an observer to be on site during the manhole adjustments by notifying Jerry Lind, Village of Fairwater, at (920) 346-5728.

The following utility companies have facilities within the project area; however, no adjustments are anticipated:

Alliant Energy (gas)

ATC Management

CenturyLink

WE Energies (gas)

stp-107-065 (20080501)

7. **Railroad Insurance and Coordination - Wisconsin and Southern Railroad Company**

A. Description

Comply with standard spec 107.17 for all work affecting Wisconsin and Southern Railroad Company property and any existing tracks.

A.1 Railroad Insurance Requirements

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

Notify evidence of the required coverage, and duration to Amanda Haggerty, Office Administrator; 1890 E Johnson Street, Madison, WI 53704; Telephone (608) 620-2048; E-mail: ahaggerty@watcocompanies.com.

Also send a copy to the following: Jared Kinziger, NE and NC Region Railroad Coordinator; 944 Vanderperren Way, Green Bay, WI 54304; Telephone (920) 492-7713; E-mail: jared.kinziger@dot.wi.gov.

Include the following information on the insurance document:

- Project ID: 6100-08-60
- Project Location: Fairwater, Fond du Lac County
- Route Name: STH 44, Wisconsin
- Crossing ID: 387492D
- Railroad Subdivision: Markesan
- Railroad Milepost: 165.46
- Work Performed on or within 50' of RR ROW: Resurface the highway and pavement markings.

A.2 Train Operation

Approximately 2 through freight trains operate daily at up to 25 mph.

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

Construction Contact

Todd Mulrooney, Superintendent of Engineering, Wisconsin and Southern Railroad Co.; 1890 East Johnson Street, Madison, WI 53704; Telephone (608) 620-2045; E-mail tmulrooney@watco.com for consultation on railroad requirements during construction.

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

Flagging Contact

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

Cable Locate Contact

In addition to contacting Diggers Hotline, contact the Construction Contact at least five working days before the locate is needed. Reference the Crossing ID, Wisconsin Milepost and Subdivision found in A.1.

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

A.4 Work by Railroad

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

A.5 Temporary Grade Crossing

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

stp-107-026 (202200602)

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

There are wetlands within the right-of-way, however, impacts are not anticipated based on the proposed slope intercepts. Therefore, the department has not requested or obtained a U.S. Army Corps of Engineers 404 Permit for this project.

Methods of operations, including preparatory work, staging, site clean-up, storing materials, or causing impacts to wetlands or waters are not permitted. If the contractor requires work outside the proposed slope intercepts, based on their method of operation to construct the project, it is the contractor's responsibility to determine whether a U.S. Army Corps of Engineers Section 404 Permit is required. If a Section 404 Permit is necessary, obtain the permit prior to beginning construction operations requiring the permit. No time extensions as discussed in standard spec 108.10 will be granted for the time required to apply for and obtain the permit. The contractor must be aware that the Corps of Engineers may not grant the permit request.

Required terms and conditions for general permits are available on the USACE's website:

<https://www.mvp.usace.army.mil/Missions/Regulatory.aspx>

stp-107-054 (20210708)

9. Environmental Protection, By-Pass Pumping

Add the following to standard spec 107.18:

If by-pass pumping is required, the means and methods proposed to be used during construction shall be submitted for approval as part of the Erosion Control Implementation Plan for each location it is required. The submittal shall include how the intake will be managed to not cause an increase in the background level turbidity during pumping; equipment pumping rate capabilities; discharge energy dissipation; and erosion controls. For by-pass pumping that will extend beyond one working day, the submittal should also include how the work zone will be managed and protected should the pump fail; be shut down due to unacceptable water quality; or storm water flows exceed the pumping rate of equipment. After setup of the approved by-pass pumping operation, the contractor shall demonstrate that the means and methods will pump the water at an acceptable water quality before starting work that necessitates the by-pass pumping. The cost of all work and materials associated with by-pass pumping is incidental to the bid items the work is associated with. Erosion control devices beyond the discharge energy dissipation point will be paid for at the contract unit prices for the items that are included in the plan.

ner-107-035 (20180212)

10. Environmental Protection, Dewatering

Add the following to standard spec 107.18:

If dewatering is required, treat the water to remove suspended sediments by filtration, settlement or other appropriate best management practice before discharge. The means and methods proposed to be used during construction shall be submitted for approval as part of the Erosion Control Implementation Plan for dewatering at each location it is required. The submittal shall also include the details of how the intake will be managed to not cause an increase in the background level turbidity before treatment and any additional erosion controls necessary to prevent sediments from reaching the project limits or wetlands and waterways. Guidance on dewatering can be found on the Wisconsin Department of Natural Resources website located in the Storm Water Construction Technical Standards, Dewatering Code #1061, "Dewatering". This document can be found at the WisDNR website:

http://dnr.wi.gov/topic/stormwater/standards/const_standards.html

The cost of all work and materials associated with water treatment and/or dewatering is incidental to the bid items the work is associated.

ner-107-040 (20180212)

11. Environmental Protection, Historic Property

The Stellmacher grain elevator is eligible for the National Historic Register. This property is parcel #7 as shown on the plan. The historic boundary follows the existing right-of-way.

To minimize impacts to the historic boundary, the proposed curb ramp impacts will be kept to a minimum. Contain all construction activities within the slope intercepts within this parcel. Do not stockpile materials or drive or park construction vehicles beyond the slope intercepts.

If field adjustments are required for parcel #7 that extend the construction limits, the engineer will contact Kimberly Slezak at (920) 492-4131 before beginning any work.

ner-107-050 (20171213).

12. Notice to Contractor – Contamination Beyond Construction Limits.

The department completed testing for soil and ground water contamination for locations within this project where excavation is required. Testing indicated that petroleum-contaminated soil is present at the following sites:

1. Station 56+00 to 59+00 from 0 feet LT of centerline to 50 feet LT of centerline.
2. Station 64+00 to 66+00 from 0 feet LT of centerline to 50 feet LT of centerline.

The contaminated soils at the above sites are expected to be beyond the excavation limits necessary to complete the work under this project. Control construction operations at these locations to ensure that they do not extend beyond the excavation limits indicated in the plans. If contaminated soils are encountered at these sites or elsewhere on the project during excavation, terminate excavation in the area and notify the engineer.

The Hazardous Materials Report is available by contacting Kimberly Slezak at (920) 492-4131.

stp-107-100 (20050901)

13. Notice to Contractor – Parcel 1 TLE Restrictions

The culvert replacement at Station 96+91, RT requires a TLE from Parcel 1 for construction of a drainage ditch to maintain drainage. Do not enter the portion of the TLE that is part of the owner's field. No topsoil will be removed from the owner's field. Contractor will be liable for any damage that are caused to the crops.

14. Archaeological Site.

An archaeological site is located approximately Station 50+50 LT to Station 63+17 LT within the limits shown on the plans.

Notify the Bureau of Technical Services – Environmental Process and Document Section (BTS-EPDS) at (608) 266-0099 at least two weeks before commencement of any ground disturbing activities beyond the existing right-of-way limits. BTS-EPDS will determine if a qualified archaeologist will need to be on site during construction of this area.

Do not use the site for borrow or waste disposal. Do not use the site area not currently capped by asphalt/concrete for the staging of personnel, equipment and/or supplies.

stp-107-220 (20180628)

15. Coordination with Businesses and Residents.

The contractor shall arrange and conduct a meeting between the contractor, the department, affected residents, local officials and business people to discuss the project schedule of operations including vehicular and pedestrian access during construction operations. Hold the first meeting at least one week before the start of work under this contract and no further meetings will be required unless directed by the engineer. The contractor shall arrange for a suitable location for meetings that provides reasonable accommodation for public involvement. The department will prepare and coordinate publication of the meeting notices and mailings for meetings. The contractor shall schedule meetings with at least two weeks' prior notice to the engineer to allow for these notifications.

stp-108-060 (20141107)

16. Survey Monument Coordination

The contractor is to notify the Northeast Regional Survey Coordinator, Cormac McInnis, (920) 492-5638, at least 30 days before the beginning of construction activities. The Regional Survey Coordinator will then make the arrangements to have the Public Land Survey Monument and Landmark Reference Monuments tied out.

After the majority of construction is complete (before restoration) the contractor is again to notify the Survey Coordinator that the site is ready for the replacement of the monuments. The Survey Coordinator will then make arrangements to have the Public Land Survey Monument and Landmark Reference Monuments reset.

ner-621-010 (20171213)

17. Notice to Contractor, Culvert Drainage.

Maintain existing culvert flows throughout the project during construction operations. At end of the work day or staged construction, temporary connections may be necessary between existing ditches or culverts and new culverts to maintain drainage depending on means and methods and location of work being completed. Coordinate with the engineer to ensure there are no drainage issues outside the work area created and if bypass pumping can be utilized instead. Costs for any temporary work/connections are incidental to culvert bid items.

18. Concrete Masonry Endwalls, Item 504.0900

Add the following to standard spec 504.3:

Concrete Masonry Endwalls shall be completed within seven calendar days from the installation of each culvert pipe or box culvert location.

ner-504-005 (20180328)

19. Pipe Culverts, Item 520.

Replace standard spec 520.2.5.3 with the following:

Furnish trench backfill conforming to 520.2.5.2 foundation backfill.

Replace standard spec 520.5.2 (2) with the following:

No extra pay items will be added for the substitution of foundation backfill for trench backfill.

Add the following to standard spec 520.3:

(6) When joining new culvert pipe to extend existing culvert pipes, ensure a clean, vertical cut is made to the existing pipe to remove any mitered or damaged existing pipe ends.

20. Adjusting Manhole Covers, Item 611.8110.

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

Supplement standard spec 611.3.7 with the following:

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

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

stp-611-005 (20200629)

21. Pipe Grates, Item 611.9800.S.

A Description

This special provision describes providing pipe grates on the ends of pipes.

B Materials

Furnish steel conforming to the requirements of standard spec 506.2.2.1. Furnish steel pipe conforming to the requirements of standard spec 506.2.3.6.

Furnish pipe grates galvanized according to ASTM A123.

Furnish angles and brackets galvanized according to ASTM A123.

Furnish required hardware galvanized according to ASTM A153.

C Construction

Repair pipes, rods, angles and brackets on which the galvanized coating has been damaged according to the requirements of AASHTO M36M.

D Measurement

The department will measure Pipe Grates in units of work, where one unit is one grate, completed and accepted.

E Payment

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

ITEM NUMBER	DESCRIPTION	UNIT
611.9800.S	Pipe Grates	EACH

Payment is full compensation for furnishing and installing all materials; and for drilling and connecting grates to pipes.

stp-611-010 (20030820)

22. Seeding.

Add the following to standard spec spec 630.2.1.5.1.1:

Table 630-3 may be used for the mixtures provided in the table:

TABLE 630-3 (OPTIONAL SEED MIXTURES)

SPECIES COMMON NAME (Acceptable Varieties)	SPECIES BOTANICAL NAME	PURITY minimum %	GERMINATION minimum %	MIXTURE PROPORTIONS (in percent)							
				Two options for each mix type							
				NO.10		NO.20		NO.30		NO.40	
#1	#2	#1	#2	#1	#2	#1	#2				
Kentucky Bluegrass (Low Maintenance)	Poa pratensis	98	85	40	42	6	6	10	13	35	35
* Red Fescue (Creeping)	Festuca rubra	97	85	10	13	5	7	15	15	10	15
Hard Fescue (Improved)	Festuca ovina var. duriuscula	97	85			24	22	25	25	20	20
Tall Fescue (Improved Turf Type)	Festuca arundinacea	98	85			40	40				
Salt Grass (Fult's or Salty)	Puccinella distans	98	85					15	15		
Redtop	Agrostis alba	92	85	5	5						
Perennial Ryegrass	Lolium perenne	96	85	25	30	25	25	25	32	25	30
White Clover	Trifolium repens	95	90	10	10						
Chewings Fescue	Festuca rubra var. commutata	98	85	10				10		10	
Sheep's Fescue	Festuca ovina	97	85								

* A blend of fescue type will be permitted to achieve the specified Red Fescue (Creeping) percentage using any of the following varieties as substitutes:

- Red Fescue (Creeping)
- Hard Fescue (Improved)
- Chewings Fescue
- Sheep's Fescue

23. Traffic Control

Perform this work conforming to standard spec 643, and as the plans show, or as the engineer approves, except as follows.

Submit to engineer for approval a detailed traffic control plan for any changes to the proposed traffic control detail as the plans show. Submit this plan 10 days before the preconstruction conference.

The turning of traffic control devices when not in use to obscure the message will not be allowed under this contract.

Obtain prior approval from the engineer for the location of egress and ingress for construction vehicles to prosecute the work.

Conduct operations in such a manner that causes the least interference and inconvenience to the free flow of vehicles on the roadways. This includes the following:

Do not park or store any vehicle, piece of equipment, or construction materials on the right-of-way, unless otherwise specified in the traffic control article or without approval of the engineer.

All construction vehicles and equipment entering or leaving live traffic lanes shall yield to through traffic.

Equip all vehicles and equipment entering or leaving the live traffic lanes with a hazard identification beam (flashing yellow signal) capable of being visible on a sunny day when viewed without the sun directly on or behind the device from a distance of 1000 feet. Activate the beam when merging into or exiting a live traffic lane.

Do not disturb, remove or obliterate any traffic control signs, advisory signs, shoulder delineators or beam guard in place along the traveled roadways without the approval of the engineer. Immediately repair or replace any damage done to the above during the construction operations at contractor expense.

The traffic requirements are subject to change at the direction of the engineer in the event of an emergency.

ner-643-065 (20190410)

24. Foundation Backfill, Item SPV.0035.01.

A Description

This special provision describes providing foundation backfill that conforms to standard spec 520.

B Materials

Furnish Foundation Backfill according to standard spec 520.2.5.2.

C Construction

Place foundation backfill in layers no more than 8 inches thick after compaction to the top of the subgrade. Mechanically compact the entire length of each layer to the same degree as the material abutting the trench.

D Measurement

The department will measure Foundation Backfill by the cubic yard, acceptably completed.

E Payment

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

ITEM NUMBER	DESCRIPTION	UNIT
SPV.0035.01	Foundation Backfill	CY

Payment is full compensation for placing, shaping and compacting.

ner-520-025 (20190409)

25. Grading, Shaping and Finishing Culvert Pipes and Apron Endwalls, Item SPV.0060.01.

A Description

Grade, Shape and Finish Culvert Pipes and Apron Endwall outside of the shoulder point as the plans show and as follows.

B Materials

Furnish materials conforming to the following:

Common excavation and material disposal.....	205.2
Borrow	208.2
Topsoil.....	625.2
Mulch.....	627.2
Erosion mat	628.2
Fertilizer.....	629.2
Seeding	630.2
Seed Water.....	603.2

C Construction

Grade, shape and finish embankments slopes for apron endwalls and culvert pipes at the locations the plan show. Construct as plans show and engineer directs conforming to the following:

Common excavation and material disposal.....	205.3
Borrow	208.3
Topsoil.....	625.3
Mulch.....	627.3
Erosion mat	628.3
Fertilizer.....	629.3
Seeding	630.3
Seed Water.....	603.2

D Measurement

The department will measure Grading, Shaping and Finishing Endwalls as a unit for each endwall or culvert end, acceptably completed.

E Payment

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

ITEM NUMBER	DESCRIPTION	UNIT
SPV.0060.01	Grading, Shaping and Finishing Endwalls	EACH

Payment is full compensation for all, borrow, ditching, topsoil, erosion mat, mulch, fertilizer and seeding when culvert pipes and endwalls are out of the contract grading limits. If the work specified above falls within the contract grading limits, the department will pay separately for that work under the excavation, borrow, topsoil, erosion mat, mulch, fertilizer and seeding bid items.

26. Apron Endwalls for Culvert Pipe 10-Inch, Item SPV.0060.02.

A Description

This special provision describes providing apron endwalls 10-inch. Conform to standard spec 520 for apron endwalls.

B Materials

Use steel apron endwalls for PVC pipe. Conform to standard spec 521.2.

C Construction

All construction methods shall conform to standard spec 520.3.5.

D Measurement

The department will measure Apron Endwalls for Culvert Pipe 10-Inch by the each endwall, acceptably completed.

E Payment

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

ITEM NUMBER	DESCRIPTION	UNIT
SPV.0060.02	Apron Endwalls for Culvert Pipe 10-Inch	EACH

Payment is full compensation according to standard spec 520.5.1 (2).

27. Adjusting Sanitary Manhole Covers, Item SPV.0060.03.

A Description

This special provision describes adjusting sanitary manhole covers.

B Materials

Use materials conforming to standard spec 611.2.

C Construction

Use construction methods conforming to standard spec 611.3 and as follows:

Remove and reinstall existing chimney seals, as necessary to adjust manhole cover.

D Measurement

The department will measure Adjusting Sanitary Manhole Covers as each individual unit, acceptably completed.

E Payment

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

ITEM NUMBER	DESCRIPTION	UNIT
SPV.0060.03	Adjusting Sanitary Manhole Covers	EACH

Payment is full compensation for providing all required materials, exclusive of frames, grates, or lids; and for removing, reinstalling and adjusting the covers, including removing and reinstalling the existing chimney seal.

ner-900-005 (20190718)

28. Adjusting Water Valve Boxes, Item SPV.0060.04.

A Description

This special provision describes adjusting water valve boxes to final pavement elevations the plans show.

B Materials

Utilize existing valve boxes where the required extent of adjustment allows. If additional sections are necessary, coordinate with the Village of Fairwater to obtain required materials.

C Construction

Before completion of paving operations, adjust the water valve boxes to match the final proposed grade. Excavate and expose the existing water main valve box to the depth needed to adjust the valve box to grade, add or remove extension(s) as needed, and backfill with base aggregate material conforming to the requirements for the adjacent roadway base course construction.

Complete adjustments in such a manner to avoid any damage to the water valve boxes. Provide the Village of Fairwater two working days advance notice before adjusting the valve boxes to finished grade. Contact Jerry Lind, Village of Fairwater, at (920) 346-5728.

D Measurement

The department will measure Adjusting Water Valve Boxes as a unit of work for each valve box, acceptably adjusted.

E Payment

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

ITEM NUMBER	DESCRIPTION	UNIT
SPV.0060.04	Adjusting Water Valve Boxes	EACH

Payment is full compensation for adjusting each valve box; excavating as necessary to access the valve box; backfilling; repairing any damage done to the valve box during adjustment; and for adding new sections if necessary.

ner-900-015 (20190718)

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

A Description

This special provision describes providing concrete curb and gutter HES with reinforcement. Conform to standard spec 601 for concrete curb and gutter.

B Materials

Furnish materials conforming to standard spec 601.2 except for concrete as specified in standard spec 416.2.

C Construction

All construction methods shall conform to standard spec 601.3.

D Measurement

The department will measure Concrete Curb and Gutter 30-Inch HES Type D by the linear foot, acceptably completed.

E Payment

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

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

The department will pay for Concrete Curb and Gutter 30-Inch HES Type D as specified in standard spec 601.5.

ner-601-005 (20190718)

30. Concrete Curb and Gutter 24-Inch Type D Special, Item SPV.0090.02.

A Description

This special provision describes the installation Concrete Curb & Gutter as shown on the plans, directed by the engineer, and as provided below.

B Materials

Furnish materials that are according to the requirements of standard spec 601.2.

C Construction

Construct according to the requirements of standard spec 601.3 and as shown on the plans.

D Measurement

The department will measure Concrete Curb and Gutter (type) 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:

ITEM NUMBER	DESCRIPTION	UNIT
SPV.0090.02	Concrete Curb and Gutter 24-Inch Type D Special	LF

Payment is full compensation according to standard spec 601.5.

31. Storm Sewer Pipe PVC 10-Inch, Item SPV.0090.03.

A Description

This special provision describes providing and installing storm sewer according to standard spec 612 to extend the Village of Fairwater's discharge pipe.

B Materials

Furnished pipe and fittings shall meet the requirements for Type PSM Polyvinyl Chloride (PVC) Storm Sewer Pipe and fittings as set forth in ASTM Designation D-3034 and subsequent revisions thereof.

The dimensions of the pipe shall be according to ASTM D-3034 (SDR rating 35). The wall thickness shall not be less than that specified except that isolated arcs spanning no more than 15 degrees of the perimeter shall not be less than 95% of the specified minimum.

Each length of pipe and each fitting shall be marked as follows:

- a. Manufacturer's name or trademark.
- b. Nominal pipe size.
- c. The PVC cell classification, e.g., 12454-B
- d. The legend Type PSM PVC Sewer Pipe.
- e. ASTM Designation D-3034.

Pipe fittings shall be according to all manufacture's recommendations.

All pipe and fittings shall be by one (1) manufacturer and shall have elastomeric joints conforming to the requirements of ASTM F-477 and D-3212. PVC gasketed sewer fittings shall conform to the requirements of ASTM F-1336.

Flexible couplings shall be manufactured from flexible polyvinyl chloride (PVC) intended for water-tight joints and shall be 3/8-inch thick with multiple sealing ribs. Each coupling shall consist of 2-Series 300 (18-8) all stainless steel, extra strength (0.040 thick) T-bolt clamps with multiple take up points. The flexible coupling shall conform to the applicable parts of ASTM C443, C425, C564, D1869, and C1173. The flexible couplings shall be manufactured to connect the PVC replacement pipe with pipes of different materials.

C Construction

Perform construction operations according to standard spec 608.3.

D Measurement

The department will measure Storm Sewer Pipe PVC 10-Inch by the linear foot, acceptably completed.

E Payment

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

ITEM NUMBER	DESCRIPTION	UNIT
SPV.0090.03	Storm Sewer Pipe PVC 10-Inch	LF

Payment is full compensation for providing storm sewer; for excavating; for providing sheeting and shoring; for constructing the foundation and backfilling; for cleaning out; connecting the PVC storm sewer to the existing discharge pipe; for restoring the work site; and all incidentals necessary to complete the contract work.

ADDITIONAL SPECIAL PROVISION 4

This special provision does not limit the right of the department, prime contractor, or subcontractors at any tier to withhold payment for work not acceptably completed or work subject to an unresolved contract dispute.

Payment to First-Tier Subcontractors

Within 10 calendar days of receiving a progress payment for work completed by a subcontractor, pay the subcontractor for that work. The prime contractor may withhold payment to a subcontractor if, within 10 calendar days of receipt of that progress payment, the prime contractor provides written notification to the subcontractor and the department documenting "just cause" for withholding payment.

The prime contractor is not allowed to withhold retainage from payments due subcontractors.

Payment to Lower-Tier Subcontractors

Ensure that subcontracting agreements at all tiers provide prompt payment rights to lower-tier subcontractors that parallel those granted first-tier subcontractors in this provision.

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 (SO₄); 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

501.3.2.2.2 Supplementary Cementitious Material

Replace the entire text with the following effective with the May 2022 letting:

- (1) Replace 15 to 30 percent by weight of the total cementitious material content with approved SCMs for class I concrete as specified in 715.
- (2) Replace a maximum of 30 percent by weight of the total cementitious material content with approved SCMs for class II and class III concrete as specified in 716.
- (3) Limit Class F fly ash sources not on the APL to maximum 15 percent.
- (4) Minimum SCM content may be waived by the engineer.

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	Aggregate Testing for Transportation Systems (ATTS)
Plasticity index	AASHTO T90 ^[3]	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 Strength Tester (CST) CST Assistant Certified Technician (ACT-CST)
Concrete flexural strength	AASHTO T97	
Concrete surface resistivity ^[2]	AASHTO T358	
Voids in aggregate	AASHTO T19	PCCTEC-II
Profiling	—	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.

716.2.1 Class II Concrete

Replace paragraph two with the following effective with the May 2022 letting:

- (2) Perform random QC testing at the following frequencies:
1. Test air content, temperature, and slump a minimum of once per 100 cubic yards for each mix design and placement method.
 2. Cast one set of 2 cylinders per 200 cubic yards for each mix design and placement method. Cast a minimum of one set of 2 cylinders per contract for each mix design and placement method. Random 28-day compressive strength cylinders are not required for HES or SHES concrete.
 3. For deck overlays, perform tests and cast cylinders once per 50 cubic yards of grade E concrete placed.
 4. For concrete base, one set of tests and one set of cylinders per 250 cubic yards.

The department will allow concrete startup test results for quantities under 50 cubic yards. Cast one set of 2 cylinders if using startup testing for acceptance.

ERRATA

460.2.2.3 Aggregate Gradation Master RangeCorrect 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 GeneralCorrect 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. DBE firms must enter all payments to DBE and non-DBE firms regardless of tier.
 6. Require all first tier relationships, DBE firms and all other tier relationships necessary to comply with the DBE payment requirement in receipt of a progress payment by contractor to acknowledge receipt of payment as specified in A(1), (2), (3) and (4).
 7. All agreements made by a contractor shall include the provisions in A(1), (2), (3), (4), (5), and (6), and shall be binding on all first tier subcontractor relationships, all contractors and subcontractors utilizing DBE firms on the project, and all payments from DBE firms.
- B. Costs for conforming to this special provision are incidental to the contract.

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

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

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

ADDITIONAL SPECIAL PROVISION 9

Electronic Certified Payroll or Labor Data Submittal

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

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

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

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

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

(5) Firms wishing to export payroll/labor data from their computer system into CRCS should have their payroll coordinator contact Paul Ndon at paul.ndon@dot.wi.gov. 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: 20221011007 Project(s): 6100-08-60

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	203.0220 Removing Structure (structure) 01. STA 89+09	1.000 EACH	_____.	_____.
0004	203.0220 Removing Structure (structure) 02. STA 96+90	1.000 EACH	_____.	_____.
0006	203.0220 Removing Structure (structure) 03. STA 100+83	1.000 EACH	_____.	_____.
0008	204.0100 Removing Concrete Pavement	507.000 SY	_____.	_____.
0010	204.0105 Removing Concrete Pavement Butt Joints	137.000 SY	_____.	_____.
0012	204.0110 Removing Asphaltic Surface	630.000 SY	_____.	_____.
0014	204.0120 Removing Asphaltic Surface Milling	52,400.000 SY	_____.	_____.
0016	204.0150 Removing Curb & Gutter	119.000 LF	_____.	_____.
0018	204.0155 Removing Concrete Sidewalk	135.000 SY	_____.	_____.
0020	204.0165 Removing Guardrail	1,182.000 LF	_____.	_____.
0022	204.0170 Removing Fence	87.000 LF	_____.	_____.
0024	204.0180 Removing Delineators and Markers	6.000 EACH	_____.	_____.
0026	204.0220 Removing Inlets	1.000 EACH	_____.	_____.
0028	205.0100 Excavation Common	650.000 CY	_____.	_____.
0030	211.0100 Prepare Foundation for Asphaltic Paving (project) 01. 6100-08-60	LS	LUMP SUM	_____.



Proposal Schedule of Items

Proposal ID: 20221011007 Project(s): 6100-08-60

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
0032	211.0400 Prepare Foundation for Asphaltic Shoulders	6.000 STA	_____.	_____.
0034	213.0100 Finishing Roadway (project) 01. 6100-08-60	1.000 EACH	_____.	_____.
0036	305.0110 Base Aggregate Dense 3/4-Inch	4,340.000 TON	_____.	_____.
0038	305.0120 Base Aggregate Dense 1 1/4-Inch	535.000 TON	_____.	_____.
0040	320.0130 Concrete Base 6 1/2-Inch	48.000 SY	_____.	_____.
0042	416.0260 Concrete Driveway HES 6-Inch	264.000 SY	_____.	_____.
0044	416.0610 Drilled Tie Bars	117.000 EACH	_____.	_____.
0046	455.0605 Tack Coat	3,195.000 GAL	_____.	_____.
0048	460.2000 Incentive Density HMA Pavement	3,960.000 DOL	1.00000	3,960.00
0050	460.5223 HMA Pavement 3 LT 58-28 S	79.000 TON	_____.	_____.
0052	460.5224 HMA Pavement 4 LT 58-28 S	6,090.000 TON	_____.	_____.
0054	465.0105 Asphaltic Surface	217.000 TON	_____.	_____.
0056	465.0110 Asphaltic Surface Patching	100.000 TON	_____.	_____.
0058	465.0120 Asphaltic Surface Driveways and Field Entrances	4.000 TON	_____.	_____.
0060	465.0315 Asphaltic Flumes	2.000 SY	_____.	_____.
0062	504.0900 Concrete Masonry Endwalls	23.000 CY	_____.	_____.



Proposal Schedule of Items

Proposal ID: 20221011007 Project(s): 6100-08-60

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
0064	520.8000 Concrete Collars for Pipe	4.000 EACH	_____.	_____.
0066	521.3184 Culvert Pipe Corrugated Steel 84-Inch	24.000 LF	_____.	_____.
0068	522.0424 Culvert Pipe Reinforced Concrete Class IV 24-Inch	50.000 LF	_____.	_____.
0070	522.0436 Culvert Pipe Reinforced Concrete Class IV 36-Inch	55.000 LF	_____.	_____.
0072	522.1024 Apron Endwalls for Culvert Pipe Reinforced Concrete 24-Inch	2.000 EACH	_____.	_____.
0074	522.1036 Apron Endwalls for Culvert Pipe Reinforced Concrete 36-Inch	2.000 EACH	_____.	_____.
0076	522.2429 Culvert Pipe Reinforced Concrete Horizontal Elliptical Class HE-IV 29x45-Inch	34.000 LF	_____.	_____.
0078	522.2629 Apron Endwalls for Culvert Pipe Reinforced Concrete Horizontal Elliptical 29x45-Inch	2.000 EACH	_____.	_____.
0080	601.0407 Concrete Curb & Gutter 18-Inch Type D	86.000 LF	_____.	_____.
0082	601.0409 Concrete Curb & Gutter 30-Inch Type A	62.000 LF	_____.	_____.
0084	601.0411 Concrete Curb & Gutter 30-Inch Type D	12.000 LF	_____.	_____.
0086	602.0405 Concrete Sidewalk 4-Inch	1,040.000 SF	_____.	_____.
0088	602.0415 Concrete Sidewalk 6-Inch	431.000 SF	_____.	_____.
0090	602.0515 Curb Ramp Detectable Warning Field Natural Patina	90.000 SF	_____.	_____.



Proposal Schedule of Items

Proposal ID: 20221011007 Project(s): 6100-08-60

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
0092	606.0200 Riprap Medium	69.000 CY	_____.	_____.
0094	611.8110 Adjusting Manhole Covers	5.000 EACH	_____.	_____.
0096	611.9800.S Pipe Grates	1.000 EACH	_____.	_____.
0098	614.0010 Barrier System Grading Shaping Finishing	2.000 EACH	_____.	_____.
0100	614.2300 MGS Guardrail 3	300.000 LF	_____.	_____.
0102	614.2340 MGS Guardrail 3 L	225.000 LF	_____.	_____.
0104	614.2610 MGS Guardrail Terminal EAT	4.000 EACH	_____.	_____.
0106	618.0100 Maintenance And Repair of Haul Roads (project) 01. 6100-08-60	1.000 EACH	_____.	_____.
0108	619.1000 Mobilization	1.000 EACH	_____.	_____.
0110	624.0100 Water	49.000 MGAL	_____.	_____.
0112	625.0100 Topsoil	235.000 SY	_____.	_____.
0114	628.1504 Silt Fence	980.000 LF	_____.	_____.
0116	628.1520 Silt Fence Maintenance	1,960.000 LF	_____.	_____.
0118	628.1905 Mobilizations Erosion Control	10.000 EACH	_____.	_____.
0120	628.1910 Mobilizations Emergency Erosion Control	10.000 EACH	_____.	_____.
0122	628.2006 Erosion Mat Urban Class I Type A	245.000 SY	_____.	_____.



Proposal Schedule of Items

Proposal ID: 20221011007 Project(s): 6100-08-60

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
0124	628.7010 Inlet Protection Type B	2.000 EACH	_____.	_____.
0126	628.7015 Inlet Protection Type C	8.000 EACH	_____.	_____.
0128	628.7555 Culvert Pipe Checks	30.000 EACH	_____.	_____.
0130	628.7570 Rock Bags	15.000 EACH	_____.	_____.
0132	629.0210 Fertilizer Type B	0.130 CWT	_____.	_____.
0134	630.0140 Seeding Mixture No. 40	7.000 LB	_____.	_____.
0136	630.0200 Seeding Temporary	7.000 LB	_____.	_____.
0138	630.0500 Seed Water	6.000 MGAL	_____.	_____.
0140	633.5200 Markers Culvert End	10.000 EACH	_____.	_____.
0142	634.0616 Posts Wood 4x6-Inch X 16-FT	3.000 EACH	_____.	_____.
0144	638.2102 Moving Signs Type II	3.000 EACH	_____.	_____.
0146	642.5001 Field Office Type B	1.000 EACH	_____.	_____.
0148	643.0300 Traffic Control Drums	1,874.000 DAY	_____.	_____.
0150	643.0410 Traffic Control Barricades Type II	181.000 DAY	_____.	_____.
0152	643.0420 Traffic Control Barricades Type III	768.000 DAY	_____.	_____.
0154	643.0705 Traffic Control Warning Lights Type A	1,310.000 DAY	_____.	_____.
0156	643.0900 Traffic Control Signs	4,397.000 DAY	_____.	_____.



Proposal Schedule of Items

Proposal ID: 20221011007 Project(s): 6100-08-60

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
0158	643.0920 Traffic Control Covering Signs Type II	4.000 EACH	_____.	_____.
0160	643.1050 Traffic Control Signs PCMS	14.000 DAY	_____.	_____.
0162	643.5000 Traffic Control	1.000 EACH	_____.	_____.
0164	644.1410 Temporary Pedestrian Surface Asphalt	310.000 SF	_____.	_____.
0166	644.1601 Temporary Pedestrian Curb Ramp	98.000 DAY	_____.	_____.
0168	644.1810 Temporary Pedestrian Barricade	210.000 LF	_____.	_____.
0170	645.0120 Geotextile Type HR	137.000 SY	_____.	_____.
0172	645.0140 Geotextile Type SAS	127.000 SY	_____.	_____.
0174	646.1020 Marking Line Epoxy 4-Inch	32,598.000 LF	_____.	_____.
0176	646.1040 Marking Line Grooved Wet Ref Epoxy 4-Inch	26,252.000 LF	_____.	_____.
0178	646.5320 Marking Railroad Crossings Epoxy	2.000 EACH	_____.	_____.
0180	646.6120 Marking Stop Line Epoxy 18-Inch	116.000 LF	_____.	_____.
0182	646.7405 Marking Crosswalk Paint Transverse Line 6-Inch	434.000 LF	_____.	_____.
0184	649.0105 Temporary Marking Line Paint 4-Inch	44,780.000 LF	_____.	_____.
0186	650.4500 Construction Staking Subgrade	1,225.000 LF	_____.	_____.
0188	650.5000 Construction Staking Base	1,225.000 LF	_____.	_____.



Proposal Schedule of Items

Proposal ID: 20221011007 Project(s): 6100-08-60

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
0190	650.5500 Construction Staking Curb Gutter and Curb & Gutter	200.000 LF	_____.	_____.
0192	650.6000 Construction Staking Pipe Culverts	5.000 EACH	_____.	_____.
0194	650.8000 Construction Staking Resurfacing Reference	19,659.000 LF	_____.	_____.
0196	650.9000 Construction Staking Curb Ramps	9.000 EACH	_____.	_____.
0198	650.9910 Construction Staking Supplemental Control (project) 01. 6100-08-60	LS	LUMP SUM	_____.
0200	650.9920 Construction Staking Slope Stakes	1,350.000 LF	_____.	_____.
0202	690.0150 Sawing Asphalt	1,476.000 LF	_____.	_____.
0204	690.0250 Sawing Concrete	361.000 LF	_____.	_____.
0206	740.0440 Incentive IRI Ride	28,936.000 DOL	1.00000	28,936.00
0208	SPV.0035 Special 01. Foundation Backfill	303.000 CY	_____.	_____.
0210	SPV.0060 Special 01. Grading, Shaping and Finishing Culvert Pipes and Apron Endwalls	8.000 EACH	_____.	_____.
0212	SPV.0060 Special 02. Apron Endwalls for Culvert Pipe 10-Inch	1.000 EACH	_____.	_____.
0214	SPV.0060 Special 03. Adjusting Sanitary Manhole Covers	8.000 EACH	_____.	_____.
0216	SPV.0060 Special 04. Adjusting Water Valve Boxes	4.000 EACH	_____.	_____.



Proposal Schedule of Items

Proposal ID: 20221011007 Project(s): 6100-08-60

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
0218	SPV.0090 Special 01. Concrete Curb and Gutter 30-Inch HES Type D	26.000 LF	_____.	_____.
0220	SPV.0090 Special 02. Concrete Curb and Gutter 24-Inch Type D Special	16.000 LF	_____.	_____.
0222	SPV.0090 Special 03. Storm Sewer Pipe PVC 10- Inch	12.000 LF	_____.	_____.
Section: 0001			Total:	_____.
			Total Bid:	_____.

PLEASE ATTACH ADDENDA HERE



Wisconsin Department of Transportation

September 28, 2022

Division of Transportation Systems Development

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

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

NOTICE TO ALL CONTRACTORS:

Proposal #07: 6100-08-60
Fairwater - Brandon
WCL – STH 49
STH 44
Fond du Lac County

Letting of October 11, 2022

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

Schedule of Items:

Added Bid Item Quantities					
Bid Item	Item Description	Unit	Old Quantity	Revised Quantity	Proposal Total
646.7420	Marking Crosswalk Epoxy Transverse Line 6-Inch	LF	0	434	434

Deleted Bid Item Quantities					
Bid Item	Item Description	Unit	Old Quantity	Revised Quantity	Proposal Total
646.7405	Marking Crosswalk Paint Transverse Line 6-Inch	LF	434	-434	0

Plan Sheets:

Revised Plan Sheets	
Plan Sheet	Plan Sheet Title (brief description of changes to sheet)
53	Miscellaneous Quantities (revised quantity sheet for pavement markings to replace crosswalk paint with crosswalk epoxy)

Schedule of Items

Attached, dated September 29, 2022, are the revised Schedule of Items Pages 6 – 8.

Plan Sheets

The following 8½ x 11-inch sheets are attached and made part of the plans for this proposal:

Revised: 53.

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

Sincerely,

Mike Coleman

Proposal Development Specialist
Proposal Management Section

END OF ADDENDUM

Addendum No. 01
 ID 6100-08-60
 Revised Sheet 53
 September 29, 2022

CATEGORY	STATION	TO	STATION	LOCATION	MARKING LINE EPOXY 4-INCH LF	MARKING LINE GROOVED WET REF EPOXY 4-INCH LF	MARKING LINE RAILROAD CROSSINGS EPOXY EACH	MARKING STOP LINE EPOXY 8-INCH LF	TEMPORARY MARKING LINE PAINT 4-INCH LF	REMARKS
0010	12+38	-	42+80	STH 44	761	-	-	-	649.0105	YELLOW SINGLE + SKIP
0010	42+80	-	48+13	STH 44	666	-	-	-	646.6120	DOUBLE YELLOW
0010	48+13	-	62+68	STH 44	2,910	-	-	-	646.5320	DOUBLE YELLOW
0010	64+10	-	97+34	STH 44	6,645	-	-	-	646.1040	DOUBLE YELLOW
0010	97+34	-	108+72	STH 44	1,423	-	-	-	646.1020	YELLOW SINGLE + SKIP
0010	108+72	-	119+26	STH 44	264	-	-	-	646.7420	YELLOW SINGLE + SKIP
0010	119+26	-	128+75	STH 44	1,186	-	-	-	646.6120	YELLOW SINGLE + SKIP
0010	128+75	-	130+64	STH 44	47	-	-	-	646.5320	YELLOW SINGLE + SKIP
0010	130+64	-	138+58	STH 44	993	-	-	-	646.1040	YELLOW SINGLE + SKIP
0010	138+58	-	139+89	STH 44	262	-	-	-	646.1020	DOUBLE YELLOW
0010	139+89	-	148+92	STH 44	1,129	-	-	-	646.6120	DOUBLE YELLOW
0010	148+92	-	150+67	STH 44	350	-	-	-	646.5320	DOUBLE YELLOW
0010	150+67	-	161+90	STH 44	1,404	-	-	-	646.1040	YELLOW SINGLE + SKIP
0010	161+90	-	187+03	STH 44	628	-	-	-	646.1020	YELLOW SINGLE + SKIP
0010	187+03	-	197+73	STH 44	1,338	-	-	-	646.6120	YELLOW SINGLE + SKIP
0010	197+73	-	203+44	STH 44	1,142	-	-	-	646.5320	DOUBLE YELLOW
0010	5+30	-	11+16	STH 44	1,172	-	-	-	646.1040	DOUBLE YELLOW
0010	60+94	-	61+47	STH 44, RT	-	-	1	-	646.1020	RR CROSSING
0010	62+77	-	62+93	STH 44	-	-	-	-	646.6120	CROSSWALK
0010	63+59	-	64+36	STH 44, RT	-	-	-	-	646.5320	CROSSWALK
0010	64+36	-	66+56	STH 44, LT	-	-	-	-	646.1040	STOP LINE
0010	65+98	-	66+68	STH 44	-	-	1	-	646.1020	STOP LINE
0010	66+57	-	75+47	CHURCH ST	-	-	-	-	646.6120	CROSSWALK
0010	75+06	-	78+28	WASHINGTON ST	-	-	-	-	646.5320	CROSSWALK
0010	78+28	-	78+74	WASHINGTON ST	-	-	-	-	646.1040	CROSSWALK
0010	78+80	-	78+89	STH 44	-	-	-	-	646.1020	CROSSWALK
0010	93+50	-	93+50	STH 44, RT	-	-	-	-	646.6120	STOP LINE
0010	203+38	-	203+44	STH 44, RT	-	-	-	-	646.5320	STOP LINE
0010	5+43	-	5+43	STH 44 NORTH, LT	-	-	-	-	646.1040	STOP LINE
0010	12+38	-	24+00	STH 44	-	2,324	-	-	646.6120	WHITE EDGELINE
0010	24+00	-	62+57	STH 44	7,557	-	-	-	646.5320	WHITE EDGELINE
0010	72+77	-	87+50	STH 44	2,721	-	-	-	646.1040	WHITE EDGELINE
0010	87+50	-	144+37	STH 44	-	11,374	-	-	646.6120	WHITE EDGELINE
0010	144+93	-	197+07	STH 44	-	10,399	-	-	646.5320	WHITE EDGELINE
0010	197+80	-	203+14	STH 44	-	1,025	-	-	646.1040	WHITE EDGELINE
0010	5+43	-	11+16	STH 44 NORTH	-	1,130	-	-	646.6120	WHITE EDGELINE
				PEDESTRIAN DETOUR	-	-	-	-	646.5320	TEMPORARY CROSSWALKS
				TOTAL 0010	32,598	26,252	2	116	44,780	

NOTE:
 -TEMPORARY MARKING LINE PAINT APPLIED AS SHOWN ON "PAVEMENT MARKING DETAIL FOR TAPERED OVERLAPPING JOINTS IN HMA PAVEMENTS".



Proposal Schedule of Items

Proposal ID: 20221011007 Project(s): 6100-08-60

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
0158	643.0920 Traffic Control Covering Signs Type II	4.000 EACH	_____.	_____.
0160	643.1050 Traffic Control Signs PCMS	14.000 DAY	_____.	_____.
0162	643.5000 Traffic Control	1.000 EACH	_____.	_____.
0164	644.1410 Temporary Pedestrian Surface Asphalt	310.000 SF	_____.	_____.
0166	644.1601 Temporary Pedestrian Curb Ramp	98.000 DAY	_____.	_____.
0168	644.1810 Temporary Pedestrian Barricade	210.000 LF	_____.	_____.
0170	645.0120 Geotextile Type HR	137.000 SY	_____.	_____.
0172	645.0140 Geotextile Type SAS	127.000 SY	_____.	_____.
0174	646.1020 Marking Line Epoxy 4-Inch	32,598.000 LF	_____.	_____.
0176	646.1040 Marking Line Grooved Wet Ref Epoxy 4-Inch	26,252.000 LF	_____.	_____.
0178	646.5320 Marking Railroad Crossings Epoxy	2.000 EACH	_____.	_____.
0180	646.6120 Marking Stop Line Epoxy 18-Inch	116.000 LF	_____.	_____.
0184	649.0105 Temporary Marking Line Paint 4-Inch	44,780.000 LF	_____.	_____.
0186	650.4500 Construction Staking Subgrade	1,225.000 LF	_____.	_____.
0188	650.5000 Construction Staking Base	1,225.000 LF	_____.	_____.
0190	650.5500 Construction Staking Curb Gutter and Curb & Gutter	200.000 LF	_____.	_____.



Proposal Schedule of Items

Proposal ID: 20221011007 Project(s): 6100-08-60

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
0192	650.6000 Construction Staking Pipe Culverts	5.000 EACH	_____.	_____.
0194	650.8000 Construction Staking Resurfacing Reference	19,659.000 LF	_____.	_____.
0196	650.9000 Construction Staking Curb Ramps	9.000 EACH	_____.	_____.
0198	650.9910 Construction Staking Supplemental Control (project) 01. 6100-08-60	LS	LUMP SUM	_____.
0200	650.9920 Construction Staking Slope Stakes	1,350.000 LF	_____.	_____.
0202	690.0150 Sawing Asphalt	1,476.000 LF	_____.	_____.
0204	690.0250 Sawing Concrete	361.000 LF	_____.	_____.
0206	740.0440 Incentive IRI Ride	28,936.000 DOL	1.00000	28,936.00
0208	SPV.0035 Special 01. Foundation Backfill	303.000 CY	_____.	_____.
0210	SPV.0060 Special 01. Grading, Shaping and Finishing Culvert Pipes and Apron Endwalls	8.000 EACH	_____.	_____.
0212	SPV.0060 Special 02. Apron Endwalls for Culvert Pipe 10-Inch	1.000 EACH	_____.	_____.
0214	SPV.0060 Special 03. Adjusting Sanitary Manhole Covers	8.000 EACH	_____.	_____.
0216	SPV.0060 Special 04. Adjusting Water Valve Boxes	4.000 EACH	_____.	_____.
0218	SPV.0090 Special 01. Concrete Curb and Gutter 30-Inch HES Type D	26.000 LF	_____.	_____.



Proposal Schedule of Items

Proposal ID: 20221011007 Project(s): 6100-08-60

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
0220	SPV.0090 Special 02. Concrete Curb and Gutter 24-Inch Type D Special	16.000 LF	_____.	_____.
0222	SPV.0090 Special 03. Storm Sewer Pipe PVC 10-Inch	12.000 LF	_____.	_____.
0224	646.7420 Marking Crosswalk Epoxy Transverse Line 6-Inch	434.000 LF	_____.	_____.
Section: 0001			Total:	_____.
			Total Bid:	_____.



Wisconsin Department of Transportation

Division of Transportation Systems Development

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

October 4, 2022

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

NOTICE TO ALL CONTRACTORS:

Proposal #07: 6100-08-60
Fairwater - Brandon
WCL – STH 49
STH 44
Fond du Lac County

Letting of October 11, 2022

This is Addendum No. 02, which provides for the following:

Special Provisions:

Revised Special Provisions	
Article No.	Description
3	Prosecution and Progress
4	Traffic

Schedule of Items:

Revised Bid Item Quantities					
Bid Item	Item Description	Unit	Old Quantity	Revised Quantity	Proposal Total
646.1020	Marking Line Epoxy 4-Inch	LF	32,598	-22,320	10,278

Added Bid Item Quantities					
Bid Item	Item Description	Unit	Old Quantity	Revised Quantity	Proposal Total
646.4520	Marking Line Same Day Epoxy 4-Inch	LF	0	22,320	22,320

Plan Sheets:

Revised Plan Sheets	
Plan Sheet	Plan Sheet Title (brief description of changes to sheet)
53	Miscellaneous Quantities (revised quantity sheet to add "Marking Line Same Day Epoxy 4-Inch" to replace centerline marking originally paid for under "Marking Line Epoxy 4-Inch")

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. 02

6100-08-60

October 4, 2022

Special Provisions

3. Prosecution and Progress.

Replace entire section titled Interim Liquidated Damages – Culvert Replacement and Railroad Approach Work: 15 Calendar Days with the following:

Interim Liquidated Damages – Culvert Replacement Work: 15 Calendar Days

At the beginning of culvert replacement work, close STH 44 between CTH E and STH 49 to through traffic for a maximum of 15 calendar days. Do not reopen until completing the following work: removing and replacing culverts, grading, base aggregate dense, and asphaltic surface.

If the contractor fails to complete the work necessary to reopen STH 44 to through traffic within 15 calendar days, the department will assess the contractor \$2,500 in interim liquidated damages for each calendar day the contract work remains incomplete beyond 15 calendar days. An entire calendar day will be charged for any period of time within a calendar day that the road remains closed beyond 12:01 AM.

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

4. Traffic.

Replace paragraph nine with the following:

Close shoulders to accommodate guardrail work and culvert extension work. Once initial rail has been removed, place new guardrail for each location within 5 calendar days. Shoulders must be reopened after new guardrail and grading is completed.

Schedule of Items

Attached, dated October 4, 2022, are the revised Schedule of Items Pages 6 and 8.

Plan Sheets

The following 8½ x 11-inch sheets are attached and made part of the plans for this proposal:

Revised: 53.

END OF ADDENDUM

Addendum No. 02
 ID 6100-08-60
 Revised Sheet 53
 October 4, 2022

CATEGORY	STATION	TO	STATION	LOCATION	MARKING LINE EPOXY 4-INCH	MARKING LINE GROOVED WET REF EPOXY 4- INCH	MARKING LINE RAILROAD CROSSINGS EPOXY EACH	MARKING STOP LINE EPOXY 18- INCH	MARKING CROSSWALK EPOXY TRANSVERSE LINE 6-INCH	TEMPORARY MARKING LINE PAINT 4-INCH	REMARKS
0010	12+38	-	42+80	STH 44	-	-	-	-	-	1,522	YELLOW SKIP
0010	42+80	-	48+13	STH 44	-	-	-	-	-	1,332	YELLOW SINGLE + SKIP
0010	48+13	-	62+68	STH 44	-	-	-	-	-	5,820	DOUBLE YELLOW
0010	64+10	-	97+34	STH 44	-	-	-	-	-	13,290	DOUBLE YELLOW
0010	97+34	-	108+72	STH 44	-	-	-	-	-	2,846	YELLOW SINGLE + SKIP
0010	108+72	-	119+26	STH 44	-	-	-	-	-	528	YELLOW SKIP
0010	119+26	-	128+75	STH 44	-	-	-	-	-	2,372	YELLOW SINGLE + SKIP
0010	128+75	-	130+64	STH 44	-	-	-	-	-	94	YELLOW SKIP
0010	130+64	-	138+58	STH 44	-	-	-	-	-	1,986	YELLOW SINGLE + SKIP
0010	138+58	-	139+89	STH 44	-	-	-	-	-	524	DOUBLE YELLOW
0010	139+89	-	148+92	STH 44	-	-	-	-	-	2,258	YELLOW SINGLE + SKIP
0010	148+92	-	150+67	STH 44	-	-	-	-	-	700	DOUBLE YELLOW
0010	150+67	-	161+90	STH 44	-	-	-	-	-	2,808	YELLOW SINGLE + SKIP
0010	161+90	-	187+03	STH 44	-	-	-	-	-	1,256	YELLOW SKIP
0010	187+03	-	197+73	STH 44	-	-	-	-	-	2,676	YELLOW SINGLE + SKIP
0010	197+73	-	203+44	STH 44	-	-	-	-	-	2,284	DOUBLE YELLOW
0010	5+30	-	11+16	STH 44	-	-	-	-	-	2,344	DOUBLE YELLOW
0010	60+94	-	61+47	STH 44, RT	-	-	-	-	-	-	RR CROSSING
0010	62+77	-	62+93	STH 44	-	-	-	-	-	117	CROSSWALK
0010	63+59	-	64+36	STH 44, RT	-	-	-	-	-	-	STOP LINE
0010	64+36	-	66+56	STH 44, LT	-	-	-	-	-	27	STOP LINE
0010	66+57	-	66+68	STH 44	-	-	-	-	-	-	RR CROSSING
0010	66+57	-	75+47	STH 44	-	-	-	-	-	88	CROSSWALK
0010	75+06	-	78+74	CHURCH ST	-	-	-	-	-	79	CROSSWALK
0010	78+28	-	78+74	WASHINGTON ST	-	-	-	-	-	85	CROSSWALK
0010	78+80	-	78+89	STH 44	-	-	-	-	-	65	CROSSWALK
0010	93+50	-	203+44	STH 44, RT	-	-	-	-	-	20	STOP LINE
0010	203+38	-	203+44	STH 44, RT	-	-	-	-	-	27	STOP LINE
0010	0010	-	5+43	STH 44 NORTH, LT	-	-	-	-	-	11	STOP LINE
0010	12+38	-	24+00	STH 44	-	-	-	-	-	-	WHITE EDGELINE
0010	24+00	-	62+57	STH 44	-	-	-	-	-	-	WHITE EDGELINE
0010	72+77	-	87+50	STH 44	-	-	-	-	-	-	WHITE EDGELINE
0010	87+50	-	144+37	STH 44	-	-	-	-	-	-	WHITE EDGELINE
0010	144+83	-	197+07	STH 44	-	-	-	-	-	-	WHITE EDGELINE
0010	197+80	-	203+14	STH 44	-	-	-	-	-	-	WHITE EDGELINE
0010	5+43	-	11+16	STH 44 NORTH PEDESTRIAN DETOUR	-	-	-	-	-	-	WHITE EDGELINE
				TOTAL 0010	10,278	26,252	2	116	434	140	TEMPORARY CROSSWALKS
					22,320					44,780	

NOTE:
 -TEMPORARY MARKING LINE PAINT APPLIED AS SHOWN ON "PAVEMENT MARKING DETAIL FOR
 TAPERED OVERLAPPING JOINTS IN HMA PAVEMENTS".



Proposal Schedule of Items

Proposal ID: 20221011007 Project(s): 6100-08-60

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
0158	643.0920 Traffic Control Covering Signs Type II	4.000 EACH	_____.	_____.
0160	643.1050 Traffic Control Signs PCMS	14.000 DAY	_____.	_____.
0162	643.5000 Traffic Control	1.000 EACH	_____.	_____.
0164	644.1410 Temporary Pedestrian Surface Asphalt	310.000 SF	_____.	_____.
0166	644.1601 Temporary Pedestrian Curb Ramp	98.000 DAY	_____.	_____.
0168	644.1810 Temporary Pedestrian Barricade	210.000 LF	_____.	_____.
0170	645.0120 Geotextile Type HR	137.000 SY	_____.	_____.
0172	645.0140 Geotextile Type SAS	127.000 SY	_____.	_____.
0174	646.1020 Marking Line Epoxy 4-Inch	10,278.000 LF	_____.	_____.
0176	646.1040 Marking Line Grooved Wet Ref Epoxy 4-Inch	26,252.000 LF	_____.	_____.
0178	646.5320 Marking Railroad Crossings Epoxy	2.000 EACH	_____.	_____.
0180	646.6120 Marking Stop Line Epoxy 18-Inch	116.000 LF	_____.	_____.
0184	649.0105 Temporary Marking Line Paint 4-Inch	44,780.000 LF	_____.	_____.
0186	650.4500 Construction Staking Subgrade	1,225.000 LF	_____.	_____.
0188	650.5000 Construction Staking Base	1,225.000 LF	_____.	_____.
0190	650.5500 Construction Staking Curb Gutter and Curb & Gutter	200.000 LF	_____.	_____.



Proposal Schedule of Items

Proposal ID: 20221011007 Project(s): 6100-08-60

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
0220	SPV.0090 Special 02. Concrete Curb and Gutter 24-Inch Type D Special	16.000 LF	_____.	_____.
0222	SPV.0090 Special 03. Storm Sewer Pipe PVC 10-Inch	12.000 LF	_____.	_____.
0224	646.7420 Marking Crosswalk Epoxy Transverse Line 6-Inch	434.000 LF	_____.	_____.
0226	646.4520 Marking Line Same Day Epoxy 4-Inch	22,320.000 LF	_____.	_____.
Section: 0001			Total:	_____.
			Total Bid:	_____.