

HIGHWAY WORK PROPOSAL

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

Proposal Number: **026**

<u>COUNTY</u>	<u>STATE PROJECT</u>	<u>FEDERAL</u>	<u>PROJECT DESCRIPTION</u>	<u>HIGHWAY</u>
Forest	9130-03-72	N/A	Wabeno - Crandon; CTH C to Forest Avenue	STH 032

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

Proposal Guaranty Required: \$75,000.00 Payable to: Wisconsin Department of Transportation	Attach Proposal Guaranty on back of this PAGE.
Bid Submittal Date: March 12, 2024 Time (Local Time): 11:00 am	Firm Name, Address, City, State, Zip Code <div style="text-align: center;">SAMPLE NOT FOR BIDDING PURPOSES</div>
Contract Completion Time 85 Working Days	
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:		For Department Use Only	
Grading, Base, Milling, Asphalt Pavement, Culvert Pipe, Storm Sewer, Curb and Gutter, Sidewalk, Signs, Pavement Markings, Modular Block Wall.			
Notice of Award Dated		Date Guaranty Returned	

**PLEASE ATTACH
PROPOSAL GUARANTY HERE**

PROPOSAL REQUIREMENTS AND CONDITIONS

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

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

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

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

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

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

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

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

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

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

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

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

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

BID PREPARATION

Preparing the Proposal Schedule of Items

A. General

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

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

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

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

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

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

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

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

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

B. Submitting Electronic Bids

B.1 On the Internet

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

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

- (1) Download the latest schedule of items from the Wisconsin pages of the Bid Express web site reflecting the latest addenda posted on the department's web site at:
<https://wisconsin.gov/Pages/doing-bus/contractors/hcci/bid-let.aspx>
 Use Expedite™ software to prepare and print the schedule of items. Provide a valid amount for all price fields. Follow instructions and review the help screens provided on the Bid Express™ web site to assure that the schedule of items is prepared properly.

- (2) Staple an 8 1/2 by 11 inch printout of the Expedite™ generated schedule of items to the other proposal documents submitted to the department as a part of the bidder's sealed bid. As a separate submittal, not in the sealed bid envelope but due at the same time and place as the sealed bid, also provide the Expedite™ generated schedule of items on a 3 1/2 inch computer diskette or CD ROM. Label each diskette or CD ROM with the bidder's name, the 4 character department-assigned bidder identification code from the top of the bidding proposal, and a list of the proposal numbers included on that diskette or CD ROM as indicated in the following example:

Bidder Name

BN00

Proposals: 1, 12, 14, & 22

- (3) If bidding on more than one proposal in the letting, the bidder may include all proposals for that letting on one diskette or CD ROM. Include only submitted proposals with no incomplete or other files on the diskette or CD ROM.
- (4) The bidder-submitted printout of the Expedite™ generated schedule of items is the governing contract document and must conform to the requirements of section 102 of the standard specifications. If a printout needs to be altered, cross out the printed information with ink or typewriter and enter the new information and initial it in ink. If there is a discrepancy between the printout and the diskette or CD ROM, the department will analyze the bid using the printout information.

- (5) In addition to the reasons specified in section 102 of the standard specifications, proposals are irregular and the department may reject them for one or more of the following:
1. The check code printed on the bottom of the printout of the Expedite™ generated schedule of items is not the same on each page.
 2. The check code printed on the printout of the Expedite™ generated schedule of items is not the same as the check code for that proposal provided on the diskette or CD ROM.
 3. The diskette or CD ROM is not submitted at the time and place the department designates.

B Waiver of Electronic Submittal

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

PROPOSAL BID BOND

DT1303 1/2006

Wisconsin Department of Transportation

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

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

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

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

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

PRINCIPAL

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

(Signature and Title)

(Company Name)

(Signature and Title)

(Company Name)

(Signature and Title)

(Company Name)

(Signature and Title)

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

(Signature of Attorney-in-Fact)

NOTARY FOR PRINCIPAL

(Date)

State of Wisconsin)
) ss.
_____ County)

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

(Signature, Notary Public, State of Wisconsin)

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

(Date Commission Expires)

Notary Seal

NOTARY FOR SURETY

(Date)

State of Wisconsin)
) ss.
_____ County)

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

(Signature, Notary Public, State of Wisconsin)

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

(Date Commission Expires)

Notary Seal

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

CERTIFICATE OF ANNUAL BID BOND

DT1305 8/2003

Wisconsin Department of Transportation

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

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

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

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

(Signature of Authorized Contractor Representative)

(Date)

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.

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STSP'S Revised June 29, 2023

SPECIAL PROVISIONS

1. General.

Perform the work under this construction contract for Project 9130-03-72, Wabeno - Crandon, CTH C to Forest Avenue, STH 32, Forest 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, 2024 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 (20230629)

2. Scope of Work.

The work under this contract shall consist of Structure R-21-3, removing asphaltic surface, removing asphaltic surface milling, base aggregate dense, HMA pavement, concrete sidewalk, concrete curb and gutter, culverts, storm sewer, marking, and all incidental items necessary to complete the work as shown on the plans and included in the proposal and contract.

104-005 (20090901)

3. Prosecution and Progress.

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

Provide the time frame for construction of the project within the 2024 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.

Fish Spawning

There shall be no instream disturbance of Range Line Creek at Station 381+75 as a result of construction activity under or for this contract, from September 15 to May 15 both dates inclusive, in order to avoid adverse impacts upon the spawning of the spawning of trout.

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

Northern Long-eared Bat (*Myotis septentrionalis*)

Northern long-eared bats (NLEB) have the potential to inhabit the project limits because they roost in trees, bridges and culverts. 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).

Ensure all operators, employees, and subcontractors working in areas of known or presumed bat habitat are aware of environmental commitments and avoidance and minimization measures (AMMs) to protect both bats and their habitat.

Direct temporary lighting, if used, away from wooded areas during the bat active season April 1 to October 31, both dates inclusive.

The department has contracted with others and will perform the following operations after October 31 and prior to April 1:

- Cutting down and removing trees.

Contractor means and methods to remove additional trees will not be allowed. If it is determined that additional trees with a 3-inch or greater diameter at breast height (dbh) need to be removed beyond contractor means and methods, notify the engineer to coordinate with the WisDOT REC to determine if consultation with United States Fish and Wildlife Service (USFWS) is required. The contractor must be aware that the WisDOT REC and/or USFWS may not permit modifications.

Milling and Overlay

Do not place traffic on milled or aggregate surfaces within the full depth pavement replacement areas (Station 331+07 to Station 405+03) in Wabeno, except during Stage 2B when traffic will be allowed to partially be on a milled surface for staging purposes.

Place the lower layer of HMA pavement on the same working day as the full depth pavement removal operations when a 3:1 or flatter slope cannot be maintained adjacent to traffic.

Place the overlay on the milled surfaces from Station 328+70 to Station 331+07 and Station 405+03 to Station 406+03 by the end of the work week.

Milled surfaces are prohibited during the time periods specified in this section and in the Holidays and Special Events article except during Stage 2B when traffic will be allowed to partially be on a milled surface for staging purposes.

Cease or alter work operations if traffic delays become longer than 15 minutes. The engineer may suspend work operations according to standard spec 108.5 (Limiting Operations) until the contractor complies with the 15-minute delay period. Continuation of operations will be considered Unauthorized Work per standard spec 105.3.2.3 and the department will not allow additional compensation or additional time due to such suspension of operations.

Culvert Replacement

Complete the culvert pipe replacement at Station 404+06, LT in a continuous operation until complete. Place aggregate at the same level of the surface pavement layer if left overnight. Dips are prohibited overnight. Place temporary asphaltic surface and asphaltic curb by the end of the work week.

No aggregate driving surfaces will be allowed on STH 32 from end of working operations on Friday to 6:00 AM Monday during non-working hours.

Pedestrian Access

Do not close the sidewalk along the left side of STH 32 between River Street (East) and Jones Avenue until work operations require closure and approved by the engineer. During the sidewalk closure between River Street (East) and Jones Avenue, provide shuttle services for pedestrians as provided for in the article for Shuttle Service.

Construction Staging

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

1. Stage 1 – Complete the temporary asphaltic shoulder paving on the left and right sides of STH 32 from Station 322+81 to Station 330+31 and Station 405+03 to Station 409+34. Construct the left side of the culvert at Station 406+06.
2. Stage 2A through Stage 2C – Complete work for the storm sewer, curb & gutter, sidewalk, removing asphaltic surface, and lower layer of HMA paving on the right side of STH 32. The new sidewalk on the right side of STH 32 from Jones Avenue to Fairview Avenue is required for pedestrian circulation in Stage 3.

3. Stage 3A through Stage 3B – Complete work for the storm sewer, curb & gutter, Structure R-21-3, sidewalk, removing asphaltic surface, and lower layer of HMA paving on the left side of STH 32.
4. Stage 4 – Construct the milling and HMA pavement overlay from Station 328+70 to Station 331+07 and Station 405+03 to Station 406+03. Construct the upper layer of HMA pavement on the left and right sides of STH 32. Complete all remaining contract work.

4. Traffic.

General

Keep STH 32 and side roads open to traffic at all times for all operations. During construction hours, close up to one lane of traffic, as necessary, with standard flagging operation. During non-working hours open STH 32 and side roads to two lanes of traffic, one in each direction.

Maintain local and emergency access on STH 32 at all times.

Maintain STH 32 traffic control for each stage as follows:

1. Traffic Control Stage 1 – Maintain two lanes of traffic in the existing travel lanes.
2. Traffic Control Stage 2A through Stage 2C – Maintain one lane of traffic in each direction. Shift traffic partially on the southbound travel lane/shoulder.
3. Traffic Control Stage 3A through Stage 3B – Maintain one lane of traffic in each direction. Shift traffic partially on the northbound travel lane/shoulder.
4. Traffic Control Stage 4 – Maintain two lanes of traffic in the existing travel lanes.

Side Roads

Maintain access to and from STH 32 at all side roads with the use of flagging operations to control traffic as required during work operations within and at the intersections unless otherwise allowed per these special provisions or as allowed by the engineer. Maintain existing lane configurations on side roads when work is not occurring.

Along the left side of STH 32, where there is local connectivity of all side roads, short term closures may occur when storm sewer at each intersection is being replaced and excavation is occurring. Reopen the intersections to a minimum of an aggregate driving surface once excavation and storm sewer work has been completed.

Do not complete work operations within consecutive intersections in order to minimize impacts to local traffic circulation, unless otherwise approved by the engineer.

Nicolet State Trail

The Nicolet State Trail runs on the north/east side of STH 32 through the Town of Wabeno. Maintain trail traffic at all times along the trail and flag traffic as necessary during paving operations on side road approaches and storm sewer work near the trail.

Pedestrian Access

Maintain pedestrian access on existing or proposed sidewalks at all times via temporary pedestrian accommodations according to the plans and special provisions, or as directed by the engineer except where full sidewalk closure is allowed between River Street (East) and Jones Avenue and Shuttle Service is provided.

Do not close the section of sidewalk (curb ramp and driveway) from Station 384+25 to Station 385+40, LT longer than 7 calendar days. Complete this work early in Stage 3A-1, then remove the temporary pedestrian accommodation near Station 385+25 and allow pedestrians to cross at the permanent crosswalk near Station 384+40.

Driveways

Maintain access to all private and commercial entrances on a minimum of a base aggregate surface at all times. Construct driveways in stages as required to maintain traffic.

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

Coordinate daily access with property owners and businesses.

Parking

No parking will be allowed along STH 32 in the areas of construction when work is occurring. Post no parking signs, as needed, during construction to prevent any parking on STH 32 in the work areas.

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 feet)	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 feet)	MINIMUM NOTIFICATION
Shoulder Closures	3 calendar days
Lane closures	3 business days
Ramp closures	3 business days
Modifying all closure types	3 business days

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

5. Holiday and Special Event Work Restrictions.

Do not perform work on, nor haul materials of any kind along or across any portion of the highway carrying STH 32 traffic on existing travel lanes, or on the shifted travel lanes provided during Stage 2 and Stage 3. Entirely clear the open 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. Shifted travel lanes shown in Stage 2 and Stage 3 may remain during the following holiday and special event periods:

- From noon Friday, May 24, 2024 to 6:00 AM Tuesday, May 28, 2024 for Memorial Day;
- From noon Wednesday, July 3, 2024 to 6:00 AM Monday, July 8, 2024 for Independence Day and the Steam Up Days;
- From noon Friday, July 19, 2024 to 6:00 AM Monday, July 22, 2024 for Wabeno Arts and Music Festival;
- From noon Friday, August 30, 2024 to 6:00 AM Tuesday, September 3, 2024 for Labor Day and the Crandon World Championship Off-Road Races.

stp-107-005 (20210113)

6. Utilities.

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

stp-107-065 (20080501)

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 3 working days before the site will be ready for the utility owner to begin its work.

Astrea (CCI Systems, Inc.) has underground **communication** facilities that are located on the right side of STH 32 from the begin project limits to approximately Station 338+58 and from Station 377+96 to Station 385+20. Astrea also has overhead communication facilities that are located on the right side of STH 32 from Station 338+58 to Station 343+38 and from Station 373+75 to Station 377+96, with crossings at Station 343+38 and Station 377+96.

Astrea will relocate the following underbuilt facilities in coordination with the schedule for WPS electric prior to construction.

- Station 376+57
- Station 377+96
- Station 379+04

Astrea will adjust the pedestal near Station 373+74, RT once final grading is complete during construction. Astrea anticipates this work will take one working day.

Arrange for a watchdog to be on site when working near Astrea facilities near Station 335+60, RT and approximately between Station 378+00 to Station 382+20, RT. Schedule the watchdog with Astrea at least three weeks prior to the work near their facilities.

CenturyLink (Telephone USA of Wisconsin, LLC) has underground **communication** facilities located on the left side of STH 32 from the begin project limits to approximately Station 343+70 and on the right side from the begin project limits to approximately Station 378+00 and from Station 401+84 to Station 404+58 with crossings throughout the project limits. CenturyLink also has overhead communication facilities that cross STH 32 at approximately Station 390+42 and Station 397+72.

CenturyLink plans to relocate the following facilities prior to construction.

- Station 332+50 to Station 338+60, RT – relocate underground communications facility approximately 2 feet from the existing right-of-way.
- Station 340+25 to Station 341+25, LT and RT – relocate underground communications facility approximately 2 feet from the existing right-of-way.
- Station 377+00 to Station 378+00, LT and RT – relocate underground communications facility with a crossing at approximately Station 377+00 and connect to the existing facility along Crandon Ave at approximately Station 378+00; CenturyLink plans to discontinue use of the existing underground communications facility from Station 377+00 to Station 378+00, LT and RT including along the east side of Crandon Avenue. CenturyLink plans to remove the pedestal at Station 378+00, RT.

CenturyLink will protect and support facilities during construction. Contact CenturyLink prior to starting work at the following locations.

- Station 339+30, RT – storm sewer work near underground facility
- Station 341+11 to Station 341+25, LT and RT – pedestals near storm sewer work
- Station 19+40, RT (River Street East) – storm sewer work near underground facility

CenturyLink will adjust the following pedestals during construction. CenturyLink anticipates this work will take one working day per location. Contact CenturyLink prior to needing the pedestals adjusted at the following locations.

- Station 341+11 to Station 341+25, LT and RT

Wisconsin Public Service (WPS) has overhead **electric** facilities located on the right side of STH 32 from the begin project limits to approximately Station 334+53, from Station 373+75 to Station 379+05 and from Station 398+30 to Station 400+43. In addition, WPS has overhead electric facilities located on the left side of STH 32 from approximately Station 356+40 to Station 371+20 with crossings located throughout the project limits.

WPS plans to relocate, remove, or install the following power poles and adjust the overhead electric between these poles prior to construction.

- Station 376+57, RT – relocate the power pole approximately 34 feet RT of the reference line
- Station 377+42, LT – install new power pole approximately 34 feet RT of the reference line
- Station 377+96, RT – relocate the power pole approximately 35 feet RT of the reference line
- Station 379+04, RT – remove existing power pole
- Station 379+70, LT – install new power pole approximately 30 feet LT of the reference line

WPS will provide pole holds during construction. Contact WPS prior to needing a pole hold at (800) 450-7260.

- Station 359+87, LT
- Station 373+97, LT
- Station 377+96, RT

WPS will reset guy anchors during construction. WPS anticipates with work will take approximately one working day per location. Contact WPS prior to needing guy anchor adjustments at (800) 450-7260.

- Station 341+24, RT
- Station 357+49, LT
- Station 370+05, LT

Wisconsin Public Service (WPS) has underground **gas** facilities located on the right side of STH 32 from the begin project limits to approximately Station 377+55 and from Station 384+37 to Station 390+40. In addition, WPS has underground gas facilities located on the left side of STH 32 from Station 377+55 to Station 380+33 with crossings throughout the project limits.

WPS plans to relocate underground gas main facilities prior to construction. Existing facilities within these areas will be discontinued.

- Station 19+40, RT (River Street East) – relocate gas main near storm sewer inlet
- Station 374+50 to Station 377+55, RT – relocate gas main
- Station 377+55 to Station 380+00, LT (West of Crandon Ave) – relocate gas main
- Station 333+00 to Station 342+00, RT – relocate 250 pound/high pressure gas main

Notify WPS when operating near the existing 250 pound/high pressure gas facility from approximately Station 327+00 to approximately Station 374+50, RT. Call Diggers Hotline (811 or (800) 242-8511) three business days before you dig to obtain locates and standby.

Wabeno Sanitary District #1 has underground **sanitary sewer** facilities located on the left side of STH 32 from approximately Station 338+18 to Station 343+97, from Station 356+36 to Station 364+00 and from Station 367+23 to Station 381+38 with crossings throughout the project limits.

Adjust the sanitary manholes as shown on the plans to match the new finished pavement elevation at the following locations:

- Station 341+71
- Station 341+89
- Station 343+98
- Station 356+37
- Station 360+24
- Station 372+71
- Station 377+63

Reconstruct the sanitary manholes as shown on the plans to match the new finished elevation at the following locations:

- Station 374+88

Perform this work according to the requirements of the Adjusting Sanitary Manhole Covers and Reconstructing Sanitary Manholes bid items. Contact Wabeno Sanitary District #1 to arrange for an observer to be on site during adjustment and reconstruction operations.

Wabeno Sanitary District #1 has underground **water** facilities located on the left side of STH 32 from approximately Station 337+59 to Station 343+89 and from Station 356+69 to Station 372+34. In addition, the Wabeno Sanitary District #1 has underground water facilities on the right side of STH 32 from Station 372+30 to Station 373+88 and from Station 385+10 to Station 387+03 with crossings throughout the project limits. The Wabeno Sanitary District #1 also has underground water facilities located on the side roads throughout the project limits.

Adjust the water valve boxes as shown on the plans to match the new finished pavement elevation at the following locations:

- Station 341+70
- Station 372+28
- Station 372+33 (2)
- Station 385+09
- Station 385+13 (2)

Perform this work according to the requirements of the Adjusting Water Valve Boxes bid item. Contact Wabeno Sanitary District #1 to arrange for an observer to be on site.

7. **Other Contracts.**

Work may be occurring concurrently on Crandon Avenue by others during construction of STH 32. Coordinate traffic control near STH 32 and Crandon Avenue with others.

Paving

Work includes resurfacing Crandon Avenue. Contact Dan Moravec, Town of Wabeno Road Supervisor at (715) 850-1684 for more information.

Curb and Gutter

Work includes curb and gutter installation along a portion of Crandon Avenue near STH 32.

Contact Todd Mulvey, PE, Roads Program Manager, Forest County Potawatomi at (715) 902-0201 for more information.

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

The department has received written verification of coverage under the Section 404 Transportation Regional General Permit from the U.S. Army Corps of Engineers. Comply with the requirements of the permit in addition to requirements of the special provisions.

A copy of the permit is available from the regional office by contacting Stacy Hagenbucher at (715) 365-5770.

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 modification is required. If a Section 404 permit modification is necessary, obtain the permit modification 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 modification. The contractor must be aware that the U.S. Army Corps of Engineers may not grant the permit modification request.

stp-107-054 (20230629)

9. Information to Bidders, WPDES Transportation Construction General Permit (TCGP) for Storm Water Discharges.

The department has obtained permit coverage through the Wisconsin Department of Natural Resources to discharge storm water associated with land disturbing construction activities under this contract. Conform to all permit requirements for the project.

This permit is the Wisconsin Pollutant Discharge Elimination System, Transportation Construction General Permit, (WPDES Permit No. WI-S066796-2). The permit can be found at:

<https://widnr.widen.net/s/s5mwp2gd7s/finalsignedwisdotcsgp>

A certificate of permit coverage is available from the regional office by contacting Stacy Hagenbucher at (715) 365-5770. Post the permit certificate in a conspicuous place at the construction site.

stp-107-056 (20230629)

10. Environmental Protection, Aquatic Exotic Species Control.

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

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

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

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

Use the following inspection and removal procedures:

1. Before leaving the contaminated site, wash machinery and ensure that the machinery is free of all soil and other substances that could possibly contain exotic invasive species;
2. Drain all water from boats, trailers, bilges, live wells, coolers, bait buckets, engine compartments, and any other area where water may be trapped;
3. Inspect boat hulls, propellers, trailers and other surfaces. Scrape off any attached mussels, remove any aquatic plant materials (fragments, stems, leaves, seeds, or roots), and dispose of removed mussels and plant materials in a garbage can before leaving the area or invested waters; and

4. Disinfect your boat, equipment and gear by either:
 - 4.1. Washing with ~212 F water (steam clean), or
 - 4.2. Drying thoroughly for five days after cleaning with soap and water and/or high pressure water, or
 - 4.3. Disinfecting with either 200 ppm (0.5 oz per gallon or 1 Tablespoon per gallon) Chlorine for 10-minute contact time or 1:100 solution (38 grams per gallon) of Virkon Aquatic for 20- to 30-minute contact time. Note: Virkon is not registered to kill zebra mussel veligers nor invertebrates like spiny water flea. Therefore, this disinfect should be used in conjunction with a hot water (>104° F) application.

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

stp-107-055 (20130615)

11. 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 prior to discharge. Submit the proposed means and methods of dewatering for each required location for approval as part of the Erosion Control Implementation Plan (ECIP). Include details of how the intake will be managed to not cause an increase in the background level turbidity prior to treatment and any additional measures 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. This document can be found at the WisDNR website:

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

Work includes furnishing all materials, excavation, maintenance, cleaning, disposal of surplus material and removal of the dewatering system and is incidental to contract work.

ncr-107-025 (20160401)

12. Erosion Control.

Add the following to standard spec 107.20:

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

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

ncr-107-050 (20141015)

13. Construction Over or Adjacent to Navigable Waters.

Range Line Creek is classified as a state navigable waterway under standard spec 107.19.

stp-107-060 (20171130)

14. Notice to Contractor – Contamination Beyond Construction Limits.

Others completed testing for soil and groundwater contamination for locations within this project where excavation is required. Testing indicated that petroleum-contaminated soil and/or groundwater may present at the following sites:

1. Station 341+57 to Station 341+74 from 34 feet LT of centerline to 36 feet LT of centerline.
2. Station 371+43 to Station 371+62 from 51 feet RT of centerline to 63 feet RT of centerline.
3. Station 376+38 to Station 377+10 from 123 feet RT of centerline to 156 feet RT of centerline.
4. Station 385+15 to Station 386+08 from 78 feet RT of centerline to 267 feet RT of centerline.
5. Station 391+09 to Station 391+76 from 66 feet LT of centerline to 137 feet RT of centerline.

The contaminated soils and/or groundwater 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: Stacy Hagenbucher at (715) 365-5770.
stp-107-100 (20230113)

15. Notice to Contractor – Tribal Coordination.

Forest County Potawatomi Lands are present from approximately Station 376+02, LT to Station 377+35, LT. Confine work operations to the area shown on the plans and coordinate access according to the article for Traffic.

16. Work by Others – Wabeno Area School District Communication Facilities.

The Wabeno Area School District has underground communication facilities located on the right side of STH 32 from approximately Station 367+45 to Station 373+80 and on the left side of STH 32 from approximately Station 367+45 to Station 372+16 with a crossing at Station 367+45 and Station 372+16. No conflicts are anticipated.

Storm sewer installations cross the communication facilities near Station 370+00 and Station 373+00. Wabeno Area School District will provide a watchdog during construction in these areas.

Arrange for a watchdog to be on site during the storm sewer installations by notifying the Wabeno Area School District at least two weeks prior to construction near their facilities.

17. Work by Others – Forest County Potawatomi Community Communication Facilities.

Forest County Potawatomi Community has underground **communication** facilities on the right side of STH 32 from the begin project limits to approximately Station 373+80.

Storm sewer installations and ditch grading are in the vicinity of the communication facilities and the Forest County Potawatomi Community will protect and support facilities during construction. Provide the Forest County Potawatomi Community with at least a two week notice prior to starting work at the following locations.

- Station 333+30 – Station 341+30, RT - ditch grading
- Station 335+60, RT - storm sewer
- Station 339+30, RT - storm sewer
- Station 341+04, RT - storm sewer
- Station 349+80, RT - storm sewer
- Station 352+98, RT - storm sewer
- Station 360+66, RT - storm sewer
- Station 364+74, RT - storm sewer
- Station 370+00, RT - storm sewer

18. Native American Hiring Provision.

Pre-Bid

Before bid submittal, contact the Forest County Potawatomi Tribe to provide information on hiring procedures and future employment opportunities, and gather information on the tribal work force and tribal resources (ex. Native American owned DBE, tribal businesses, products, potential workers, etc.).

Forest County Potawatomi Tribe tribal labor office contact information:

Katheryn Tupper
FCPC Economic Support Coordinator
5415 Everybody's Road
P.O. Box 340
Crandon, WI 54520
E-mail: Katheryn.Tupper@fcp-nsn.gov
Phone: (715) 478-4896

Maintain documentation of all efforts made to communicate with Forest County Potawatomi Tribe using [DT2400 Pre-Bid Contact Verification Form](#). This form is to be used as a record of communication with the designated tribe's assigned contact person. Please submit the DT2400 form and any supporting documentation when you submit the bid request (DT1633) for the project via email to:

DOT DTSD Highway Construction Contractors constplans.dtid@dot.wi.gov

The Eligible Bidders list will not be updated until this documentation is received.

After Execution

The contractor shall contact Katheryn Tupper of the Forest County Potawatomi Tribe with the following information regarding available employment opportunities for prime and subcontractors at a minimum of five business days before the tribal coordination meeting:

- Job classification/trade
- Job qualifications and required skills
- Employment period
- Wage
- Copy of job application
- List of subcontractors and contact information (ex. Name, email, phone, etc.)
- List of available internships

After receiving employment opportunities, Katheryn Tupper may provide employment referrals or recruitment sources throughout the life of the project to obtain qualified referrals.

Document all efforts made to communicate job opportunities and the results of hiring activities throughout the life of the contract. Utilize [DT2405 Native American Hiring Provision Report](#) and submit it to Forest County Potawatomi Tribe and WisDOT Regional Labor Compliance Specialist on the 15th of every month for the previous month until the project construction is complete. Final report should be indicated on the form. Report shall include prime contractor and subcontractor data.

WisDOT Regional Labor Compliance Specialist contact information:

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

Tribal Coordination Meeting

Between execution of contract and the project pre-construction meeting, the contractor and Forest County Potawatomi Tribe will setup and facilitate the Tribal Coordination Meeting, establish an agenda, date and location. Any cost incurred for the meeting would be incidental to the overall project cost. The contractor shall work with the tribe to determine who from tribal leadership and staff the contractor should notify and invite to the meeting.

The contractor shall also notify and invite to the meeting:

- Regional Tribal Liaison, Mindy Samz, mindy.samz@dot.wi.gov
- WisDOT Regional Labor Compliance Specialist
- WisDOT Tribal Affairs Program Manager
- Tribal Affairs Project Manager, Cyless Peterson, Cyless.peterson@dot.wi.gov
- WisDOT region project team

This meeting may also include potential interviews or introductions with potential employees. The prime contractor and all subcontractors shall attend this meeting. Discussions are to include available employment opportunities and other tribal areas of interest such as scope of work, tribal regulations and ordinances, borrow sites, waste sites, and available aggregate.

Project Completion

Submit documentation summarizing communications regarding job opportunities throughout the life of the contract. This can be done using the DT2405 form noting that this is the final report. Provide final report to the tribe and the WisDOT Regional Labor Compliance Specialist compiling the results of hiring activities for the prime contractor as well as for subcontractors at all tiers.

stp-107-200 (20220628)

19. Property Marks – Protecting and Restoring.

Replace standard spec 107.11.3 (1) with the following:

Protect and carefully preserve all known property and survey marks, land monuments, and right-of-way monuments and marker posts. Notify the engineer of the nature and location of these monuments and markers. Do not disturb or destroy monuments or markers until the engineer has arranged for their referencing or perpetuation.

Reset or replace, to the required standard, any property and survey marks, land monuments, and right-of-way monuments and marker posts that fall outside the construction limits that are shifted, lost or damaged by the contractor during construction operations, as determined by the engineer. If the contractor fails to restore the disturbed monuments or markers within a reasonable time, the department may, upon 48 hours written notice, restore the disturbed monuments or markers. The department will deduct restoration costs from payments due the contractor under the contract.

ncr-107-010 (20110531)

20. Coordination with Businesses and Residents.

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

stp-108-060 (20141107)

21. Public Convenience and Safety.

Replace standard spec 107.8 (4) with the following:

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

Forest County Sheriff's Department
 Wisconsin State Patrol
 Forest County Highway Department
 Forest County Potawatomi Tribe
 Town of Wabeno
 Wabeno School District
 Wabeno Post Office

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

ncr-107-005 (20200729)

22. Removing Asphaltic Surface, Item 204.0110.

Supplement standard spec 204.3.2.2.1(3):

Between Station 331+07 and Station 405+03, the department will pay for Removing Asphaltic Surface to remove all existing asphaltic pavements. The asphaltic surface is also included in the Excavation Common item, and the department will not deduct the pavement volume.

The existing asphaltic surface may be required to be removed in stages through milling, full depth removals, and other methods in order to maintain traffic and accommodate staged construction between Station 331+07 and Station 405+03. No additional payment will be made for removal of the asphaltic surface by layer or in multiple stages.

23. Removing Retaining Wall, Item 204.9060.S.01.

A Description

This special provision describes removing the existing concrete retaining wall (Structure R-21-2) conforming to standard spec 204.

B (Vacant)

C (Vacant)

D Measurement

The department will measure Removing Retaining Wall in each, acceptably completed.
 completed.

E Payment

Add the following to standard spec 204.5:

ITEM NUMBER	DESCRIPTION	UNIT
204.9060.S.01	Removing Retaining Wall	EACH

stp-204-025 (20230113)

24. Removing Concrete Steps, Railings, and Sidewalls, Item 204.9060.S.02.

A Description

This special provision describes removing existing concrete steps, attached railings, and concrete sidewalls conforming to standard spec 204.

B (Vacant)

C (Vacant)

D Measurement

The department will measure Removing Concrete Steps, Railings, and Sidewalls by each location, acceptably completed.

E Payment

Add the following to standard spec 204.5:

ITEM NUMBER	DESCRIPTION	UNIT
204.9060.S.02	Removing Concrete Steps, Railings, and Sidewalls	EACH
stp-204-025 (20230113)		

25. QMP HMA Pavement Nuclear Density.

A Description

Replace standard spec 460.3.3.2 (1) and standard spec 460.3.3.2 (4) with the following:

- (1) This special provision describes density testing of in-place HMA pavement with the use of nuclear density gauges. Conform to standard spec 460 except as modified in this special provision.
- (2) Provide and maintain a quality control program defined as all activities and documentation of the following:
 1. Selection of test sites.
 2. Testing.
 3. Necessary adjustments in the process.
 4. Process control inspection.
- (3) Chapter 8 of the department's construction and materials manual (CMM) provides additional detailed guidance for QMP work and describes required procedures.

<https://wisconsindot.gov/rdwy/cmm/cm-08-00.pdf>

- (4) The department's Materials Reporting System (MRS) software allows contractors to submit data to the department electronically, estimate pay adjustments, and print selected reports. Qualified personnel may obtain MRS software from the department's web site at:

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

B Materials

B.1 Personnel

- (1) Nuclear gauge owners and personnel using nuclear gauges shall comply with WisDOT requirements according to 460.3.3 and CMM 815.

B.2 Testing

- (1) Conform to WTM T355 and CMM 815 for density testing and gauge monitoring methods. Conform to CMM 815.10.4 for test duration and gauge placement.

B.3 Equipment

B.3.1 General

- (1) Furnish nuclear gauges according to CMM 815.2.
- (2) Furnish nuclear gauges from the department's approved product list at

<https://wisconsindot.gov/Pages/doing-bus/eng-consultants/cnslt-rsrcs/tools/appr-prod/default.aspx>

B.3.2 Comparison of Nuclear Gauges

B.3.2.1 Comparison of QC and QV Nuclear Gauges

- (1) Compare QC and QV nuclear gauges according to WTM T355.

B.3.2.2 Reference Site Monitoring

- (1) Conduct reference site monitoring for both QC and QV gauges according to WTM T355.

B.4 Quality Control Testing and Documentation

B.4.1 Lot and Sublot Requirements

B.4.1.1 Mainline Traffic Lanes, Shoulders, and Appurtenances

- (1) Divide the pavement into lots and sublots for nuclear density testing according to CMM 815.10.2.
- (2) Determine required number of tests according to CMM 815.10.2.1.
- (3) Determine random testing locations according to CMM 815.10.3.

B.4.1.2 Side Roads, Crossovers, Turn Lanes, Ramps, and Roundabouts

- (1) Divide the pavement into lots and sublots for nuclear density testing according to CMM 815.10.2.
- (2) Determine required number of tests according to CMM 815.10.2.2.
- (3) Determine random testing locations according to CMM 815.10.3.

B.4.2 Pavement Density Determination

B.4.2.1 Mainline Traffic Lanes and Appurtenances

- (1) Calculate the average sublot densities using the individual test results in each sublot.
- (2) If all sublot averages are no more than one percent below the target density, calculate the daily lot density by averaging the results of each random QC test taken on that day's material.
- (3) If any sublot average is more than one percent below the target density, do not include the individual test results from that sublot when computing the lot average density and remove that sublot's tonnage from the daily quantity for incentive. The tonnage from any such sublot is subject to disincentive pay as specified in standard spec 460.5.2.2.

B.4.2.2 Mainline Shoulders

B.4.2.2.1 Width Greater Than 5 Feet

- (1) Determine the pavement density as specified in B.4.2.1.

B.4.2.2.2 Width of 5 Feet or Less

- (1) If all sublot test results are no more than 3.0 percent below the minimum target density, calculate the daily lot density by averaging all individual test results for the day.
- (2) If a sublot test result is more than 3.0 percent below the target density, the engineer may require the unacceptable material to be removed and replaced with acceptable material or allow the nonconforming material to remain in place with a 50 percent pay reduction. Determine the limits of the unacceptable material according to B.4.3.

B.4.2.3 Side Roads, Crossovers, Turn Lanes, Ramps, and Roundabouts

- (1) Determine the pavement density as specified in B.4.2.1.

B.4.2.4 Documentation

- (1) Document QC density test data as specified in CMM 815. Provide the engineer with the data for each lot within 24 hours of completing the QC testing for the lot.

B.4.3 Corrective Action

- (1) Notify the engineer immediately when an individual test is more than 3.0 percent below the specified minimum in standard spec 460.3.3.1. Investigate and determine the cause of the unacceptable test result.
- (2) The engineer may require unacceptable material specified in B.4.3(1) to be removed and replaced with acceptable material or allow the nonconforming material to remain in place with a 50 percent pay reduction. Determine limits of the unacceptable area by measuring density of the layer at 50-foot increments both ahead and behind the point of unacceptable density and at the same offset as the original test site. Continue testing at 50-foot increments until a point of acceptable density is found as specified in standard spec 460.5.2.2(1). Removal and replacement of material may be required if extended testing is in a previously accepted sublot. Testing in a previously accepted sublot will not be used to recalculate a new lot density.
- (3) Compute unacceptable pavement area using the product of the longitudinal limits of the unacceptable density and the full sublot width within the traffic lanes or shoulders.

- (4) Retesting and acceptance of replaced pavement will be as specified in standard spec 105.3.
- (5) Tests indicating density more than 3.0 percent below the specified minimum, and further tests taken to determine the limits of unacceptable area, are excluded from the computations of the subplot and lot densities.
- (6) If two consecutive subplot averages within the same paving pass and same target density are more than one percent below the specified target density, notify the engineer and take necessary corrective action. Document the locations of such sublots and the corrective action that was taken.

B.5 Department Testing

B.5.1 Verification Testing

- (1) The department will have a HTCP certified technician, or ACT working under a certified technician, perform verification testing. The department will test randomly at locations independent of the contractor's QC work. The department will perform verification testing at a minimum frequency of 10 percent of the sublots and a minimum of one subplot per mix design. The sublots selected will be within the active work zone. The contractor will supply the necessary traffic control for the department's testing activities.
- (2) The QV tester will test each selected subplot using the same testing requirements and frequencies as the QC tester.
- (3) If the verification subplot average is not more than one percent below the specified minimum target density, use the QC tests for acceptance.
- (4) If the verification subplot average is more than one percent below the specified target density, compare the QC and QV subplot averages. If the QV subplot average is within 1.0 lb/ft³ of the QC subplot average, use the QC tests for acceptance.
- (5) If the first QV/QC subplot average comparison shows a difference of more than 1.0 lb/ft³ each tester will perform an additional set of tests within that subplot. Combine the additional tests with the original set of tests to compute a new subplot average for each tester. If the new QV and QC subplot averages compare to within 1.0 lb/ft³, use the original QC tests for acceptance.
- (6) If the QV and QC subplot averages differ by more than 1.0 lb/ft³ after a second set of tests, resolve the difference with dispute resolution specified in B.6. The engineer will notify the contractor immediately when density deficiencies or testing precision exceeding the allowable differences are observed.

B.5.2 Independent Assurance Testing

- (1) Independent assurance is unbiased testing the department performs to evaluate the department's verification and the contractor's QC sampling and testing including personnel qualifications, procedures, and equipment. The department will perform the independent assurance review according to the department's independent assurance program.

B.6 Dispute Resolution

- (1) The testers may perform investigation in the work zone by analyzing the testing, calculation, and documentation procedures. The testers may perform gauge comparison according to B.3.2.1.
- (2) The testers may use comparison monitoring according to B.3.2.2 to determine if one of the gauges is out of tolerance. If a gauge is found to be out of tolerance with its reference value, remove the gauge from the project and use the other gauge's test results for acceptance.
- (3) If the testing discrepancy cannot be identified, the contractor may elect to accept the QV subplot density test results or retesting of the subplot in dispute within 48 hours of paving. Traffic control costs will be split between the department and the contractor.
- (4) If investigation finds that both gauges are in error, the contractor and engineer will reach a decision on resolution through mutual agreement.

B.7 Acceptance

- (1) The department will not accept QMP HMA Pavement Nuclear Density if a non-compared gauge is used for contractor QC tests.

C (Vacant)

D (Vacant)

E Payment

E.1 QMP Testing

- (1) Costs for all sampling, testing, and documentation required under this special provision are incidental to the work. If the contractor fails to perform the work required under this special provision, the department may reduce the contractor's pay. The department will administer pay reduction under the Non-performance of QMP administrative item.

E.2 Disincentive for HMA Pavement Density

- (1) The department will administer density disincentives as specified in standard spec 460.5.2.2.

E.3 Incentive for HMA Pavement Density

- (1) The department will administer density incentives as specified in standard spec 460.5.2.3.
stp-460-020 (20230629)

26. Protecting Concrete.

Add the following to standard spec 415.3.14:

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

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

ncr-415-005 (20141015)

27. Asphaltic Surface.

Replace standard spec 465.2 (1) with the following:

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

ncr-465-005 (20160401)

28. Pipe Culverts.

Replace standard spec 520.3.3(5) with the following:

Provide joint ties at all joints of circular concrete culvert pipe installations, including endwalls.

ncr-520-005 rev (20180319)

29. Concrete Curb and Gutter.

Add the following to standard spec 601:

Where new curb and gutter is placed adjacent to existing sidewalk, place curb and gutter against the existing sidewalk as shown in the plans. Complete field verification of match elevations prior to removing the curb and gutter.

Removal and replacement of any existing sidewalk for replacement of curb and gutter at the convenience of the contractor, except where the Sidewalk Repair item is paid, is incidental to the curb and gutter.

Replace expansion joint filler between the curb and gutter and the existing sidewalk per standard spec 602. Expansion joint filler is incidental to the curb and gutter items included in this contract.

30. Storm Sewer.

Replace standard spec 608.3.3(5) with the following:

Provide joint ties at all joints on concrete storm sewer system in-fall and outfall pipes, including endwalls, except for the storm sewer replacement at Station 356+00.

ncr-520-005b rev (20180319)

31. Cover Plates Temporary, Item 611.8120.S.

A Description

This special provision describes providing and removing steel plates to cover and support asphaltic pavement and traffic loading at manholes, inlets and similar structures during milling and paving operations.

B Materials

Provide a 0.25-inch minimum thickness steel plate that extends to the outside edge of the existing masonry.

C (Vacant)

D Measurement

The department will measure Cover Plates Temporary 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
611.8120.S	Cover Plates Temporary	EACH

Payment is full compensation for furnishing, installing, and removing the cover plates.

The steel plates shall become the property of the contractor when no longer needed in the contract work.

stp-611-006 (20151210)

32. Water.

Provide the necessary environmental protection against aquatic exotic species control and pathogens if water source(s) is/are from surface waters of the state.

ncr-624-005 (20151215)

33. Field Office.

Add the following to standard spec 642.3:

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

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

ncr-642-005 (20160406)

34. Traffic Control.

Add the following to standard spec 643.3.1:

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

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

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

ncr-643-005 (20190703)

35. Fertilizer for Lawn Type Turf, Item SPV.0030.01.

A Description

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

B Materials

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

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

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

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

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

C Construction

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

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

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

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

$$\text{Conversion Factor} = 41 / \text{New Percentage of Components}$$

D Measurement

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

E Payment

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

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

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

ncr-629-005 (20141015)

36. Moving Boulders, Item SPV.0060.01.

A Description

This special provision describes salvaging and reinstalling the existing boulders near Station 341+00, RT.

B (Vacant)

C Construction

Remove and store boulders in a location that does not conflict with the proposed construction and sight lines at the CTH C intersection. Reinstall the boulders near Station 341+00, RT as directed by the engineer after the construction of the storm sewer and ditching is complete in this area. Place the boulders in a manner that they continue to delineate the Nicolet State Trail.

D Measurement

The department will measure Moving Boulders as each individual boulder, 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	Moving Boulders	EACH

Payment is full compensation for removing and salvaging existing boulders; excavation; and placing boulders as directed by the engineer; and disposing of any materials when no longer needed.

37. Temporary Storm Sewer Connection, Item SPV.0060.02.

A Description

This special provision describes installing temporary storm sewer connections between existing storm sewer and proposed storm sewer to maintain drainage during staged construction.

B Materials

Furnish new or salvaged materials conforming to standard spec 608.2 or standard spec 520.2. The size of the pipe used for the connection shall match the diameter of the existing storm sewer pipe.

C Construction

Use construction methods conforming to the plans and with standard spec 608.3.

D Measurement

The department will measure Temporary Storm Sewer Connection as each individual connection, acceptably completed.

E Payment

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

ITEM NUMBER	DESCRIPTION	UNIT
SPV.0060.02	Temporary Storm Sewer Connection	EACH

Payment is full compensation for providing all excavation and backfilling; providing and installing pipe and connections; any necessary pumping, placement of termination and junction markers; maintaining the connection; and removing and disposing of materials when no longer needed.

38. Adjusting Water Valve Boxes, Item SPV.0060.03.

A Description

This special provision describes locating, exposing, and protecting existing water valve boxes after the pavement is removed, installing water valve box extensions if necessary; and adjusting the water valve boxes to the finished elevation required.

B (Vacant)

C Construction

Install water valve box extensions to the existing water valve boxes, if necessary. Protect the water valve boxes during construction. Clean out the water valve boxes as necessary to assure the valve wrench will fit completely over the valve bolt. Adjust the valve boxes to the required finished elevation.

D Measurement

The department will measure Adjusting Water Valve Boxes by the 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.0060.06	Adjusting Water Valve Boxes	EACH

Payment is full compensation for locating, exposing, and protecting water valve boxes; installing water valve box extensions if necessary; exclusive of water valve boxes; cleaning out the water valve boxes, adjusting water valve boxes to the finished elevation. The contractor shall replace water valve boxes, which are damaged by the contractor's operations, in kind, at the contractor's expense.

ncr-611-015 rev (20130520)

39. Adjusting Sanitary Manhole Covers, Item SPV.0060.04.

A Description

This special provision describes Adjusting Sanitary Manhole Covers according to plans, applicable portions of standard spec 611, and as herein provided.

B Materials

Furnish materials conforming to standard spec 611.2 and as herein provided.

Furnish High Density Polyethylene (HDPE) and concrete adjusting rings from the department's approved list that have a flat and/or tapered configuration of a size that closely matches the inside and outside dimensions of the circular structures. Provide joint sealant according to the rubber grade ring manufacturer recommendations.

C Construction

Complete construction according to standard spec 611.3 and conforming to the Wisconsin Water and Sewer Specifications and the following:

Reuse the existing manhole frame and cover. If the frame or cover is damaged due to contractor operations, the contractor is to provide a new frame and cover matching the same dimensions as the existing frame and cover and approved by the Wabeno Sanitary District.

Adjust the existing manhole casting by raising or lowering the casting to match the new roadway grade. Adjust the manhole cover by adding and or removing adjusting rings so as to align the top of the casting with the finished pavement surface.

Adjust manhole covers located in pavement areas in two separate operations. Initially, remove designated manhole covers along with sufficient pavement to permit installation of temporary cover plate over the opening. Pave over the sanitary manhole and temporary cover plate, which shall remain in place until paving the surface layer operations permit setting the manhole frames to grade. During the second phase, remove the asphaltic pavement mixture surrounding the manhole plus the temporary cover plate, and set the manhole cover to final grade. Provide concrete lift rings not be less than 4-inches in height. Provide HDPE rings for the final 2-inches of adjustment. Additional rubber lift rings may be needed to

raise the manhole casting to the proper height and slope. Compact base aggregate and patching around each manhole to prevent settling.

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.

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.0060.04	Adjusting Sanitary Manhole Covers	EACH

Payment is full compensation for providing all required materials, exclusive of frames, grates, or covers which shall be salvaged; for removing existing adjusting materials, reinstalling and adjusting the covers, providing and installing the adjusting rings; notifying the local municipality and sanitary district; for excavating, backfilling and compaction.

The department will measure and pay for the items of removing asphaltic surface, asphaltic surface patching, temporary cover plate, base aggregate, and sawing separately to complete the manhole adjustments. Replace covers rendered unusable by the contractor's operations, at no expense to the department.

40. Reconstructing Sanitary Manholes, Item SPV.0060.05.

A Description

This special provision describes reconstructing sanitary manholes according to the plans, standard spec 611, and as herein provided.

B Materials

Furnish materials conforming to standard spec 611.2 and herein provided.

C Construction

Complete construction according to standard spec 611.3 and conforming to the Wisconsin Water and Sewer Specifications and the following:

Reuse the existing manhole frame and cover. If the frame or cover are damaged due to contractor operations, provide a new frame and cover matching the same dimensions as the existing frame and cover and approved by the Wabeno Sanitary District.

Provide concrete lift rings no less than 4-inches in height. Furnish rubber grade rings from the department's approved list that have a flat and/or tapered configuration of a size that closely matches the inside and outside dimensions of circular or rectangular structures. Provide joint sealant according to the rubber grade ring manufacturer recommendations.

Provide HDPE rings for the final 2-inches of adjustment. Additional rubber lift rings may be needed to raise the manhole casting to the proper height and slope. Compact base aggregate and patching around each manhole to prevent settling.

D Measurement

The department will measure Reconstructing Sanitary Manhole 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.0060.05	Reconstructing Sanitary Manhole	EACH

Payment is full compensation for providing all required materials, exclusive of frames, grates, or covers which shall be salvaged; for removing existing materials, reinstalling and adjusting the covers, furnishing and installing the adjusting rings; notifying the local municipality and sanitary district; for excavating, backfilling and compaction.

The department will measure and pay for the items of removing asphaltic surface, asphaltic surface patching, temporary cover plate, base aggregate, and sawing separately to complete the manhole adjustments. Replace covers rendered unusable by the contractor's operations, at no expense to the department.

41. Research and Locate Existing Land Parcel Monuments, Item SPV.0060.06.

A Description

This special provision describes researching and locating existing land parcel or boundary monuments located in permanent easements, temporary easements, or construction permit areas, which may be lost or disturbed by construction operations.

This provision does not relinquish the contractor's responsibility of standard spec 107.11.

B (Vacant)

C Construction

Perform work by, or under the direction of, a professional land surveyor licensed in the State of Wisconsin.

Prior to construction, research, locate and document monuments located in permanent easements, temporary easements and construction permit areas. Establish coordinate ties to the monuments accurate to current minimum state survey standards.

Prepare a monument location map showing the type of monuments found and their coordinates. The TLE Exhibits are acceptable as a base map for the monument location map. Provide a copy of the monument location map to the engineer and region right-of-way plat coordinator.

Verify and reset monument locations after construction is complete under the item titled Verify and Replace Existing Land Parcel Monuments.

D Measurement

The department will measure Research and Locate Existing Land Parcel Monuments as each individual monument, acceptably completed.

E Payment

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

ITEM NUMBER	DESCRIPTION	UNIT
SPV.0060.06	Research and Locate Existing Land Parcel Monuments	EACH

Payment is full compensation for all research, field survey, locating, and data recording necessary to locate and establish coordinates for existing monuments within the construction limits prior to construction; furnishing a professional land surveyor; preparing, annotating and delivering the monument location map.

ncr-621-015 rev (20170404)

42. Verify and Replace Existing Land Parcel Monuments, Item SPV.0060.07.

A Description

This special provision describes verifying the final location of, and replacing existing land parcel or boundary monuments, previously located under the item Research and Locate Existing Land Parcel Monuments, that are lost or disturbed by construction operations.

This provision does not relinquish the contractor’s responsibility of standard spec 107.11.

B Materials

Provide minimum sized replacement monuments as follows:

- a. Locations outside of pavement areas:
 - o 1-inch inside diameter by 24 inch long iron pipe
 - o 3/4-inch diameter by 24 inch long rod or rebar
- b. Locations in asphalt pavement areas:
 - o Survey spike
 - o Mag nail
- c. Locations in concrete pavement areas:
 - o Drilled hole
 - o Chiseled mark

C Construction

Perform work by, or under the direction of, a professional land surveyor licensed in the State of Wisconsin.

After construction is completed, verify the location of all monuments previously located with the item Research and Locate Existing Land Parcel Monuments. Replace any monuments that were disturbed or destroyed to current minimum state survey standards.

Prepare a monument location map showing the type of monuments originally found, the type of replacement monuments used to replace the disturbed or destroyed monuments, and monument coordinates. The TLE Exhibits are acceptable as a base map for the monument location map. Create the location map with a PDF editing tool such as Adobe or Bluebeam. The monument location map shall explicitly state that the replaced monuments are not being certified as actual land parcel or boundary monuments, only that evidence of monuments were found and replaced. Attach a cover letter to the location map that contains a brief synopsis of the work completed. The cover letter shall be signed, stamped, and dated by a professional land surveyor. Provide a copy of the monument location map and cover letter to the engineer, the county surveyor, and the region plat coordinator.

D Measurement

The department will measure Verify and Replace Existing Land Parcel Monuments as each individual monument, 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.0060.07	Verify and Replace Existing Land Parcel Monuments	EACH

Payment is full compensation for all survey work necessary to verify the location of all monuments previously located under the item Research and Locate Existing Land Parcel Monuments; replacing monuments that were disturbed or destroyed from their original location; furnishing monuments or other necessary tools; furnishing a professional land surveyor; preparing, annotating, and delivering the monument location map and cover letter.

ncr-621-020 rev (20170404)

43. Shuttle Service, Item SPV.0060.08.

A Description

This special provision describes providing a shuttle service for pedestrians when the sidewalk is out of service for use by pedestrians between River Street (East) and Jones Avenue.

The shuttle service is intended only for pedestrians originating in an area near the STH 32 work zone who are impeded by the sidewalk closure shown in the plan between River Street (East) and Jones Avenue.

B Materials

Furnish a vehicle equipped to transport pedestrians, including handicapped individuals, that is clean, clearly marked as shuttle service, and ADA-compliant. Meet the insurance requirements as specified in standard spec 107 unless otherwise approved by the department for both the vehicle and the operator(s).

Provide the shuttle service details and the planned timeframe for providing shuttle service to the engineer at the preconstruction meeting.

C Construction

The department will provide public notice for the availability of the shuttle service through project press releases. Coordinate timelines with the engineer for providing the necessary information for the department to complete the press release(s).

Advertise the availability of the shuttle service within the project area by posting signs near the work zone that indicate the contact information for using the shuttle service for pedestrians that approach the work zone. Post signs near the closure of the pedestrian access points at the listed side roads. Prior to posting the signs, provide the locations to the engineer for approval.

- CTH C
- River Street (East)
- Maple Avenue
- Elm Avenue
- East Avenue
- Pearl Avenue
- Jones Avenue

Once the sidewalk is closed, provide shuttle service 24 hours a day, seven days a week, while the sidewalk cannot be used by pedestrians along STH 32 between River Street (East) and Jones Avenue. Assist all pedestrians in transporting them through or to a point within the construction zone by means of vehicle transportation.

Discontinue the shuttle service once the sidewalk is reopened between River Street (East) and Jones Avenue.

Document all trips requested and taken during the shuttle service period. Provide reporting to the department including dates, ridership, and origin/designation information. Coordinate final record keeping requirements with the engineer during the preconstruction meeting.

D Measurement

The department will measure Shuttle Service as the shuttle service provided for the project, acceptably completed.

E Payment

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

ITEM NUMBER	DESCRIPTION	UNIT
SPV.0060.08	Shuttle Service	EACH

Payment is full compensation for providing a shuttle vehicle, shuttle vehicle markings, and operator(s) during the entire period when the existing and proposed sidewalk is closed between River Street (East) and Jones Avenue; signage, record keeping, and all reporting.

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

A Description

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

B Materials

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

C (Vacant)

D Measurement

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

E Payment

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

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

Payment will be made according to standard spec 601.5.

ncr-601-010 (10152014)

45. Concrete Curb Pedestrian Special, Item SPV.0090.02.

A Description

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

B (Vacant)

C (Vacant)

D Measurement

The department will measure Concrete Curb Pedestrian Special in length by the linear foot acceptably completed according to standard spec 601.4.

E Payment

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

ITEM NUMBER	DESCRIPTION	UNIT
SPV.0090.02	Concrete Curb Pedestrian Special	LF

Payment will be made according to standard spec 601.5.

46. Sidewalk Repair, Item SPV.0090.03.

A Description

This special provision describes constructing Sidewalk Repair adjacent to proposed curb and gutter replacements according to the plan details, the pertinent requirements of standard spec 204, 602, and 690 and as provided in this special provision.

B Materials

Furnish materials according to the plans and standard spec 602.2.

C Construction

Construct according to the plans and standard spec 204.3, 602.3, and 690.3. All sidewalk repair areas will be approved by the engineer prior to completing the work.

D Measurement

The department will measure Sidewalk Repair 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.	Sidewalk Repair	LF

Payment is full compensation for providing sidewalk repair; for providing concrete sidewalk, expansion joint filler; for sawing concrete and sludge removal; for removing and disposing of surplus materials.

47. Wall Modular Block Gravity (R-21-3), Item SPV.0165.01.

A Description

This special provision describes designing, furnishing materials, and erecting a permanent earth retention system according to the lines, dimension, elevations and details as shown on the plans and provided in the contract. The design life of the wall and all wall components shall be 75 years minimum.

B Materials

B.1 Proprietary Wall Systems

The supplied wall system must be from the department's approved list of Modular Block Gravity Wall systems. Proprietary wall systems must conform to the requirements of this specification and be pre-approved for use by the department's Bureau of Structures. The department maintains a list of pre-approved proprietary wall systems. See the approved products list titled "Proprietary Retaining Wall System Vendors." The name of the pre-approved proprietary wall system selected shall be furnished to the engineer within 25 days after the award of contract. The department also maintains a separate list of plants pre-approved by the department to provide wall facing units. See the approved products list titled "Precast Concrete and Block Fabricators." The identity of the plant manufacturing the facing units shall be furnished to the engineer at least 14 days prior to the project delivery.

To be eligible for use on this project, a system must have been pre-approved by the Bureau of Structures and added to that list prior to the bid closing date. To receive pre-approval, the retaining wall system must comply with all pertinent requirements of this provision and be prepared according to the requirements of Chapter 14 of the department's LRFD Bridge Manual. Information and assistance with the pre-approval process can be obtained by contacting the Bureau of Structures, Structures Maintenance Section at the following email address: DOTDLStructuresFabrication@dot.wi.gov.

To be eligible to provide wall facing units for this project, a block manufacturing plant must be pre-approved by the Bureau of Technical Services and added to that list prior to the bid closing date. Information and assistance with the pre-approval process can be obtained by contacting the Bureau of Technical Services at the following email address: DOTProductSubmittal@wisconsin.gov.

B.2 Design Requirements

It is the responsibility of the contractor to submit a design and supporting documentation as required by this special provision, for review and acceptance by the department, to show the proposed wall design conforms to the design specifications. The submittal shall include the following items for review: detailed plans and shop drawings, complete design calculations, explanatory notes, supporting materials, and specifications. The detailed plans and shop drawings shall include all details, dimensions, quantities and cross-sections necessary to construct the walls. Submit shop drawings to the engineer conforming to standard spec 105.2 with electronic submittal to the fabrication library under standard spec 105.2.2. Certify that shop drawings conform to quality control standards by submitting department form [DT2329](#) with each set of shop drawings. Department review does not relieve the contractor from responsibility for errors or omissions on shop drawings. Submit no later than 60 days from the date of notification to proceed with the project and a minimum of 30 days prior to the date proposed to begin wall construction.

The plans and shop drawings shall be prepared on reproducible sheets 11 inch x 17 inch, including borders. Each sheet shall have a title block in the lower right corner. The title block shall include the WisDOT project identification number and structure number. Design calculations and notes shall be on 8 ½ inch x 11 inch sheets, and shall contain the project identification number, name or designation of the wall, date of preparation, initials of designer and checker, and page number at the top of the page. All plans, shop drawings, and calculations shall be signed, sealed and dated by a professional engineer licensed in the State of Wisconsin.

The design of the wall shall be in compliance with the current American Association of State Highway and Transportation Officials LRFD (AASHTO LRFD) Bridge Design Specifications with latest interim specifications for Mechanically Stabilized Earth Walls, WisDOT's current Standard Specifications for Highway and Structure Construction (standard spec), Chapter 14 of the WisDOT LRFD Bridge Manual and standard engineering design procedures as determined by the department. Loads, load combinations, load and resistance factors shall be as specified in AASHTO LRFD Section 11. The associated resistance factors shall be defined according to Table 11.5.7-1 in AASHTO LRFD.

Design and construct the walls according to the lines, grades, heights and dimensions shown on the plans, as herein specified, and as directed by the engineer.

Walls shall be designed for a minimum live load surcharge of 100 psf according to Chapter 14 of the WisDOT LRFD Bridge Manual or as shown on the plans.

A maximum value of the angle of internal friction of the wall backfill material used for design shall be assumed to be 30 degrees without a certified report of tests. If a certified report of tests yields an angle of internal friction greater than 30 degrees, the larger test value may be used for design, up to a maximum value of 36 degrees.

An external stability check at critical wall stations showing Capacity Demand Ratio (CDR) for sliding, eccentricity, and bearing checks is provided by the department and are provided on the wall plans.

The design of the wall by the contractor shall consider the internal and compound stability of the wall mass according to AASHTO LRFD 11.10.6. Internal stability shall also be considered at each block level. Calculations for factored stresses and resistances shall be based upon assumed conditions at the end of the design life. The width of the modular block (front face to back face) shall be included in the design computations and shown on the wall shop drawings. Blocks must have a minimum width of 8 inches. Block widths may vary among courses but shall consist of only a single block. Compound stability shall be computed for the applicable strength limits. Sample analyses and hand calculations shall be submitted to verify the output of any software program used. The design calculations and notes shall clearly indicate the Capacity to Demand Ratios (CDR) for all internal and external stabilities as defined in AASHTO LRFD.

Wall facing units shall be designed according to AASHTO LRFD 11.10.2.3.

The minimum embedment of the wall shall be 1 foot 6 inches below finished grade, or as given on the plans. All walls shall be provided with a concrete leveling pad. Minimum wall embedment does not include the leveling pad depth. Step the leveling pad to follow the general slope of the ground line. Frost depth shall not be considered in designing the wall for depth of leveling pad.

Wall facing units shall be installed on a leveling pad.

B.3 Wall System Components

Materials furnished for wall system components under this contract shall conform to the requirements of this specification. All documentation related to material and components of the wall systems specified in this subsection shall be submitted to the engineer.

B.3.1 Wall Facing

Wall facing units shall consist of precast modular concrete blocks. Furnish concrete produced by a dry-cast or wet-cast process. Concrete for all blocks shall not contain less than 565 pounds of cementitious materials per cubic yard. The contractor may use cement conforming to standard spec 501.2.1 or may substitute for portland cement at the time of batching conforming to standard spec 501.2.6 for fly, 501.2.7 for slag, or 501.2.8 for other pozzolans. In either case the maximum total supplementary cementitious content is limited to 30% of the total cementitious content by weight.

Dry-cast concrete blocks shall be manufactured according to ASTM C1372 and this specification.

All units shall incorporate a mechanism or devices that develop a mechanical connection between vertical block layers. Units that are broken, have cracks wider than 0.02" and longer than 25% of the nominal height of the unit, chips larger than 1", have excessive efflorescence, or are otherwise deemed unacceptable by the engineer, shall not be used within the wall. A single block front face style shall be used throughout each wall. The color and surface texture of the block shall be as given on the plan.

The top course of facing units shall be as noted on the plans, either:

- Solid precast concrete unit designed to be compatible with the remainder of the wall. The finishing course shall be bonded to the underlying facing units with a durable, high strength, flexible adhesive compound compatible with the block material.
- A formed cast-in-place concrete cap. A cap of this type shall have texture, color, and appearance, as noted on the plans. The vertical dimension of the cap shall not be less than 3 1/2 inches. Expansion joints shall be placed in the cap at a maximum spacing of 20 feet unless noted otherwise on the plan. Use Grade A concrete conforming to standard spec 501 as modified in standard spec 716. Provide QMP for cast in place cap and coping concrete as specified in standard spec 716, Class II Concrete.

Block dimensions may vary no more than ±1/8 inch from the standard values published by the manufacturer. Blocks must have a minimum width (front face to back face) of 8 inches. The minimum front face thickness of blocks shall be 4 inches measured perpendicular from the front face to inside voids greater than 4 square inches. The minimum allowed thickness of any other portions of the block is 1¾ inches. The front face of the blocks shall conform to plan requirements for color, texture, or patterns.

If pins are used to align modular block facing units, they shall consist of a non-degrading polymer, or hot dipping galvanized steel and be made for the express use with the modular block units supplied, to develop mechanical interlock between facing unit block layers. Connecting pins shall be capable of holding the wall in the proper position during backfilling. Furnish documentation that establishes and substantiates the design life of such devices.

All block materials shall be furnished palletted and banded, with every pallet marked for quantity, lot number, lot size, manufacturing plant, and manufacturing date(s). Materials furnished loose or unmarked will be rejected. Rejected materials shall be removed from the project at no cost to the department.

B.3.1.1 Material Testing

Perform or procure quality control testing of project materials according to the following requirements:

Test	Method	Requirement	
		Dry-cast	Wet-cast
Compressive Strength (psi)	ASTM C140 or ASTM C39 [4]	5000 min.	4000 min.
Air Content (%)	AASHTO T152 [4]	N/A	6.0 +/-1.5
Water Absorption (%)	ASTM C140 [3]	6 max.	N/A
Freeze-Thaw Loss (%) 40 cycles, 5 of 5 samples 50 cycles, 4 of 5 samples	ASTM C1262 ^{[1][2][3]}	1.0 max. 1.5 max.	N/A

[1] Test shall be run using a 3% saline solution and blocks greater than 45 days old.

[2] Test results that meet either of the listed requirements for Freeze-Thaw Loss are acceptable.

[3] An independent testing laboratory shall control and conduct all sampling and testing under ASTM C140/Water Absorption and ASTM C1262. Prior to sampling, the manufacturer shall identify materials by lot. Five blocks per lot shall be randomly selected for testing. Solid blocks used as a finishing or top course shall not be selected. The selected blocks shall remain under the control of the person who conducted the sampling until shipped or delivered to the testing laboratory.

[4] The manufacturer may perform their own quality control testing under ASTM C140/Compressive Strength, ASTM C39, and AASHTO T152, if qualified for this work under the requirements for plant certification.

The contractor and fabricator shall coordinate with the independent testing agent (if used) to ensure that strength and air content samples can be taken appropriately during manufacturing. At the time of delivery of materials, furnish the engineer a certified report of test from an AASHTO-registered or ASTM-accredited independent testing laboratory for each lot furnished.

The certified test report shall include the following:

- Project ID
- Production process used (dry-cast or wet-cast)
- Name and location of testing facility
- Name of sampling technician
- Lot number, lot size, and date(s) of fabrication

Quality control testing of project materials shall be completed not more than 18 months prior to delivery. Lot size shall not exceed the maximum testing frequencies, which shall not exceed 5000 blocks for dry-cast blocks and the lesser of 150 CY or 1 day's production for wet-cast blocks. Test results will represent all blocks within the lot. Each pallet of blocks delivered shall bear lot identification information. Block lots that do not meet the requirements of this specification or blocks without supporting reports will be rejected and shall be removed from the project at no expense to the department.

Nonconforming materials will be subject to evaluation according to standard spec 106.5.

B.3.2 Leveling Pad

Provide an unreinforced cast-in-place concrete leveling pad. Use Grade A concrete conforming to standard spec 501 as modified in standard spec 716. Provide QMP for leveling pad concrete as specified in standard spec 716, Class III Concrete.

The minimum width of the concrete leveling pad shall be as wide as the proposed blocks plus 6-inches, with 6-inches of the leveling pad extending beyond the front face of the blocks. The minimum thickness of the leveling pad shall be 6-inches.

B.3.3 Backfill

Furnish and place backfill for the wall as shown on the plans and as hereinafter provided.

Wall Backfill, Type A, shall comply with the requirements for Coarse Aggregate Size No. 1 as given in standard spec 501.2.5.4. All backfill placed within a zone from the top of the leveling pad to the top of the final layer of wall facing units and within 1 foot behind the back face of the wall shall be Wall Backfill, Type A. This includes all material used to fill openings in the wall facing units.

A layer of Geotextile Type "DF" (Schedule B) shall be placed vertically between the backfill and the Type A backfill. The geotextile shall extend from the top of the leveling pad to 6 inches below the surface of the retained soil. The geotextile shall then wrap across the top of the Type A backfill to the back of block wall facing.

Backfill placed between retained soil and Type A backfill shall comply with the requirements for Granular Backfill Grade 1 as contained in standard spec 209.2.2. The contractor may substitute Type A Backfill for Granular Backfill Grade 1.

C Construction

C.1 Excavation and Backfill

Excavation and preparation of the foundation for the wall and the leveling pad shall be according to standard spec 206. At the end of each working day, provide good temporary drainage such that the backfill shall not become contaminated with run-off soil or water if it should rain. Do not stockpile or store materials or large equipment within 10 feet of the back of the wall.

Place backfill materials in the areas as indicated on the plans and as detailed in this specification. Backfill lifts shall be no more than 8-inches in depth, after compaction. Backfilling shall closely follow erection of each course of wall facing units.

Conduct backfilling operations in such a manner as to prevent damage or misalignment of the wall facing units or other wall components. At no expense to the department, correct any such damage or misalignment as directed by the engineer. A field representative of the wall supplier shall be available during wall construction to provide technical assistance to the contractor and the engineer.

Do not operate tracked or wheeled equipment on the backfill within 3 feet from the back face of modular blocks. The engineer may order the removal of any large or heavy equipment that may cause damage or misalignment of the wall facing units.

C.2 Compaction

Compact wall backfill Type A with at least three passes of lightweight manually operated compaction equipment acceptable to the engineer.

Ensure adequate moisture is present in the backfill during placement and compaction to prevent segregation and to help achieve compaction.

Compaction of backfill within 3 feet of the back face of the wall should be accomplished using lightweight compaction devices. Use of heavy compaction equipment or vehicles should be avoided within 3 feet of the modular blocks.

C.3 Wall Components

C.3.1 General

Erect wall facing units and other associated elements according to the wall manufacturer's construction guide and to the lines, elevations, batter, and tolerances as shown on the plans. Center the initial layer of facing units on the leveling pad; then level them and properly align them. Fill formed voids or openings in the facing units with wall backfill, Type A. Remove all debris on the top of each layer of facing units, before placing the next layer of facing units.

Install all pins, rods, clips, or other devices used to develop mechanical interlock between facing unit layers according to the manufacturer's directions.

C.3.2 Leveling Pad

Provide an unreinforced cast-in-place concrete leveling pad as shown on the plans.

Vertical tolerances shall not exceed 3/4-inch when measured along a 10-foot straight edge. Allow the concrete to set at least 12 hours prior to placing wall facing units.

The bottom row of wall facing units shall be horizontal and 100% of the unit surface shall bear on the leveling pad.

C.4 Geotechnical Information

Geotechnical data to be used in the design of the wall is given on the wall plan. After completing wall excavation, notify the department and allow the Regional Soils Engineer two working days to review the foundation.

D Measurement

The department will measure Wall Modular Block Gravity by the square foot, acceptably completed. The department will compute the measured quantity from the theoretical pay limits the contract plans show. The department will make no allowance for wall area constructed above or below the theoretical pay limits. All work beyond the theoretical pay limits is incidental to the cost of work. The department will make no allowance for as-built quantities.

E Payment

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

ITEM NUMBER	DESCRIPTION	UNIT
SPV.0165.01	Wall Modular Block Gravity (R-21-3)	SF

Payment is full compensation for supplying a design and shop drawings; preparing the site, including all necessary excavation and disposal of materials; supplying all necessary wall components to produce a functional wall system including cap, copings, leveling pad, and leveling pad steps; constructing the retaining system and providing temporary drainage; providing backfill, backfilling, compacting, developing/completing/ documenting the quality management program, and performing compaction testing.

The department will pay separately for parapets, traffic barriers, railings, and other items above the wall cap or coping.

SPV.0165.01 (20211104)

48. Preparing Topsoil for Lawn Type Turf, Item SPV.0180.01.

A Description

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

B (Vacant)

C Construction

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

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

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

Shape the topsoil so that the horizontal or sloped surface between any two points 10 feet apart does not vary by more than 1 inch. Roll with a turf type roller to a uniform minimum compacted depth of 6 inches.

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

D Measurement

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

E Payment

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

ITEM NUMBER	DESCRIPTION	UNIT
SPV.0180.01	Preparing Topsoil for Lawn Type Turf	SY

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

ncr-625-005 (20150430)

ADDITIONAL SPECIAL PROVISION 4

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

Payment to First-Tier Subcontractors

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

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

Payment to Lower-Tier Subcontractors

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

Acceptance and Final Payment

Within 30 calendar days of receiving the semi-final estimate from the department, submit written certification that subcontractors at all tiers are paid in full for acceptably completed work.

Additional Special Provision 6 (ASP-6)
Modifications to the standard specifications

Make the following revisions to the standard specifications:

108 Prosecution and Progress

Add subsection 108.9.4.1 effective with the November 2023 letting:

108.9.4.1 Winter Suspension for Completion Date Contracts

- (1) The contractor may request a winter suspension for a completion date contract. If the department determines weather conditions do not allow for the completion of the remaining work, the department may approve the contractor's request and determine the start date of the winter suspension. The end date of the winter suspension is March 31 or a date mutually agreed upon by both parties. For multi-year contracts, the department will only consider winter suspension for the final year of the contract.
 - (2) During winter suspension, store all materials in a manner that does not obstruct vehicular and pedestrian traffic and protect the materials from damage. Install traffic control and other safety devices necessary to protect the traveling public and pedestrians. Provide suitable drainage and install temporary erosion control where necessary. If the winter suspension begins when liquidated damages are being assessed, or when the work has not progressed as scheduled and would not have been completed prior to the completion date, the cost of necessary pre-suspension work is incidental. If the winter suspension begins prior to the contract completion date, and the work has progressed as scheduled and would have been completed prior to the completion date, the cost of pre-suspension work will be paid as specified under 109.4.
 - (3) For a winter suspension that begins prior to the contract completion date and the work has progressed as scheduled and would have been completed prior to the completion date, the engineer will extend contract time to correspond with the end of the winter suspension and liquidated damages will not be assessed during the winter suspension.
 - (4) For a winter suspension that begins when liquidated damages are being assessed or when the work has not progressed as scheduled and would not have been completed prior to the completion date, the engineer will not extend contract time. Time will be suspended until the end of the winter suspension. Liquidated damages will not be assessed during the winter suspension and liquidated damages will resume at the end of the winter suspension.
-

108.10.2 Excusable, Non-Compensable Delays

108.10.2.1 General

Replace entire section with the following effective with the January 2024 letting:

- (1) Non-compensable delays, 108.10.2.1(3), are excusable delays not the contractor's or the department's fault. The engineer will not pay for the delay costs listed in 109.4.7 for non-compensable delays.
 - (2) For non-compensable delays under calendar day and completion date contracts, the engineer will extend contract time if the conditions specified in 108.10.1 are met. The department will relieve the contractor from associated liquidated damages, as specified in 108.11, if the engineer extends time under 108.10.1.
 - (3) The following are non-compensable delays:
 1. Delays due to earthquakes, other cataclysmic phenomena of nature the contractor cannot foresee and avoid, severe weather or job conditions caused by recent weather as specified in 108.10.2.2.
 2. Extraordinary delays in material deliveries the contractor or their suppliers cannot foresee and forestall resulting from strikes, lockouts, freight embargoes, industry-wide shortages, governmental acts, or sudden disasters.
 3. Delays due to acts of the government, a political subdivision other than the department, or the public enemy.
 4. Delays from fires or epidemics.
 5. Delays from strikes beyond the contractor's power to settle not caused by improper acts or omissions of the contractor, their subcontractors, or their suppliers.
 6. Altered quantities as specified in 109.3.
-

108.10.3 Excusable Compensable Delays

Replace entire section with the following effective with the January 2024 letting:

- (1) Compensable delays are excusable delays due to the department's actions or lack of actions. The engineer will grant a time extension for a compensable delay if the conditions specified in 108.10.1 are met.
- (2) The following are compensable delays:

1. A contract change for revised work as specified for extra work under 104.2.2.1, for a differing site condition under 104.2.2.2, or for significant changes in the character of the work under 104.2.2.4.
 2. A contract change for an engineer-ordered suspension under 104.2.2.3.
 3. The unexpected discovery of human remains, an archaeological find, or historical find consistent with 107.25.
 4. The unexpected discovery of a hazardous substance consistent with 107.24.
 5. The non-completion of work that utilities or other third parties perform, if that work is not completed as specified in the contract.
- (3) For a compensable delay or a time extension, the department will relieve the contractor from associated liquidated damages under 108.11, and will pay the contractor for delay costs determined as follows:
1. Adjust the contract price as specified in 109.4.2 through 109.4.5 for delays under item 1 of 108.10.3(2).
 2. Adjust the contract price as specified in 109.4.7 for delays under items 2 through 5 of 108.10.3(2).

310 Open Graded Base

310.2 Materials

Replace paragraph two with the following effective with the November 2023 letting:

- (2) The contractor may substitute material conforming to the gradation requirements for crushed aggregate specified in Table 310-01 if that material conforms to the fracture requirements for open-graded crushed gravel specified in 301.2.4.5.

TABLE 310-01 COARSE AGGREGATE (% passing by weight)

AASHTO No. 67 ^[1]	
SEIVE	COARSE AGGREGATE (% PASSING by WEIGHT) AASHTO No. 67
2-inch	-
1 1/2-inch	-
1-inch	100
3/4-inch	90 – 100
1/2-inch	-
3/8-inch	20 – 55
No. 4	0 – 10
No. 8	0 – 5
No. 16	-
No. 30	-
No. 50	-
No. 100	-
No. 200	<=1.5

[1] Size according to AASHTO M43.

390 Base Patching

390.4 Measurement

Replace entire section with the following effective with the November 2023 letting:

- (1) The department will measure Removing Pavement for Base Patching by the cubic yard acceptably completed. Measure the depth from the bottom of the adjacent pavement to the top of the patch.
- (2) The department will measure Base Patching Asphaltic by the ton acceptably completed as specified for asphaltic pavement in 450.4.
- (3) The department will measure Base Patching Concrete HES and Base Patching Concrete SHES by the cubic yard acceptably completed. Measure the depth from the bottom of the adjacent pavement to the top of the patch.

390.5 Payment

Replace entire section with the following effective with the November 2023 letting:

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

<u>ITEM NUMBER</u>	<u>DESCRIPTION</u>	<u>UNIT</u>
390.0100	Removing Pavement for Base Patching	CY
390.0201	Base Patching Asphaltic	TON
390.0305	Base Patching Concrete HES	CY
390.0405	Base Patching Concrete SHES	CY

- (2) Payment for Removing Pavement for Base Patching is full compensation for removing old pavement; for preparing the foundation and bringing up to grade. If the engineer orders the contractor to excavate yielding or unstable subgrade materials and backfill with suitable materials, the department will pay for that work with contract bid items or as agreed upon using 109.4.
- (3) Payment for Base Patching Asphaltic is full compensation for providing and compacting asphaltic mixture including asphaltic binder.
- (4) Payment for Base Patching Concrete HES and Base Patching Concrete SHES is full compensation for providing, curing, and protecting concrete. Payment also includes providing tie bars and dowel bars in unhardened concrete and steel within the patch. For tie bars and dowel bars provided in concrete not placed under the contract, the department will pay separately under the Drilled Tie Bars and Drilled Dowel Bars bid items as specified in 416.5.
- (5) Payment for Base Patching SHES also includes providing test data to the engineer as specified in 416.2.4.
- (6) The department will pay for sawing existing concrete pavement for removal under the Sawing Concrete bid item as specified in 690.5.

460 Hot Mix Asphalt Pavement**460.2.8.2.1.3.1 Contracts with 5000 Tons of Mixture or Greater**

Replace paragraph four with the following effective with the November 2023 letting:

- (4) Use the test methods identified below, or other methods the engineer approves, to perform the following tests at the frequency indicated:

Blended aggregate gradations:

Drum plants:

- Field extraction by ignition oven according to WTM T308, chemical extraction according to AASHTO T-164 method A or B; or automated extraction according to WTM D8159. Gradation of resulting aggregate sample determined according to WTM T30.
- Belt samples, optional for virgin mixtures, obtained from stopped belt or from the belt discharge using an engineer-approved sampling device and performed according to WTM T11 and T27.

Batch plants:

- Field extraction by ignition oven according to WTM T308, chemical extraction according to AASHTO T-164 method A or B; or automated extraction according to WTM D8159. Gradation of resulting aggregate sample determined according to WTM T30.

Asphalt content (AC) in percent:

Determine AC using one of the following methods:

- AC by ignition oven according to WTM T308.
- AC by chemical extraction according to AASHTO T-164 method A or B.
- AC by automated extraction according to WTM D8159.
- If the department is using an ignition oven to determine AC, conform to WTP H003.
- If the department is not using an ignition oven to determine AC, ignition oven correction factor (IOCF) must still be reverified for any of the reasons listed in WTP H003 Table 2 and conform to WTP H-003 sections 3 through 6.
- Gradation of resulting aggregate sample determined according to WTM T30.

Bulk specific gravity of the compacted mixture:

According to WTM T166.

Theoretical maximum specific gravity:

According to WTM T209.

Air voids (Va) by calculation according to WTM T269.

VMA by calculation according to WTM R35.

460.2.8.3.1.4 Department Verification Testing Requirements

Replace paragraph three with the following effective with the November 2023 letting:

- (3) The department will perform testing conforming to the following standards:
 - Bulk specific gravity (G_{mb}) of the compacted mixture according to WTM T166.
 - Maximum specific gravity (G_{mm}) according to WTM T209.
 - Air voids (V_a) by calculation according to WTM T269.
 - VMA by calculation according to WTM R35.
 - Asphalt content by ignition oven according to WTM T308, chemical extraction according to AASHTO T-164 method A or B, or automated extraction according to WTM D8159. If using an ignition oven to determine AC, conform to WTP H-003.

460.3.3.2 Pavement Density Determinations

Replace entire section with the following effective with the February 2024 letting:

- (1) The engineer will determine the target maximum density using department procedures described in WTM T355. The engineer will determine density according to CMM 815 and WTM T355 as soon as practicable after compaction and before placement of subsequent layers or before opening to traffic.
- (2) Do not re-roll compacted mixtures with deficient density test results. Do not operate continuously below the specified minimum density. Stop production, identify the source of the problem, and make corrections to produce work meeting the specification requirements.
- (3) A lot is defined as one day's production for each subplot type or one production shift if running 24 hours per day and placed within a single layer for each location and target maximum density category indicated in table 460-3. The lot density is the average of the tests taken for that lot. The department determines the number of tests per lot according to WTP H-002.
- (4) An HTCP-certified Nuclear Density Technician I (NUCDENSITYTEC-I) or a nuclear density ACT working under a NUCDENSITYTEC-I technician, will locate samples and perform the testing. A NUCDENSITYTEC-I technician will coordinate and take responsibility for the work an ACT performs. No more than one ACT can work under a single NUCDENSITYTEC-I technician. The responsible NUCDENSITYTEC-I technician will ensure that sample location and testing is performed correctly, analyze test results, and provide density results to the contractor weekly.

503 Prestressed Concrete Members

503.2.2 Concrete

Replace paragraph five with the following effective with the November 2023 letting:

- (5) Furnish prestressed concrete members cast from air-entrained concrete, except I-type girders may use non-air-entrained concrete. Use type I, IL, IS, IP, IT, II, or III cement. The contractor may replace up to 30 percent of type I, IL, II, or III cement with an equal weight of fly ash, slag, or a combination of fly ash and slag. Ensure that fly ash conforms to 501.2.4.2.2 and slag conforms to 501.2.4.2.3. Use only one source and replacement rate for work under a single bid item. Use a department-approved air-entraining admixture conforming to 501.2.5.2 for air-entrained concrete. Use only coarse aggregate conforming to 310.2(2).

604 Slope Paving

604.2 Materials

Replace paragraph three with the following effective with the November 2023 letting:

- (3) Under the Slope Paving Crushed Aggregate bid item, furnish crushed stone or crushed gravel conforming to the gradation in Table 604-01, but with the additional requirements that at least 75 percent of the particles, by count, have at least one fractured face. Determine fracture according to WTM D5821.

TABLE 604-01 COARSE AGGREGATE (% passing by weight)

AASHTO No. 4^[1]	
SEIVE	COARSE AGGREGATE (% PASSING by WEIGHT) AASHTO No. 4
2-inch	100
1 1/2-inch	90 - 100
1-inch	20 - 55
3/4-inch	0 - 15
1/2-inch	-
3/8-inch	0 - 5
No. 4	-
No. 8	-
No. 16	-
No. 30	-
No. 50	-
No. 100	-
No. 200	<=1.5

[1] Size according to AASHTO M43.

612 Underdrains

612.3.9 Trench Underdrains

Replace paragraph one with the following effective with the November 2023 letting:

- (1) Under the Underdrain Trench bid item, excavate and backfill underdrain trenches. Backfill with coarse aggregate gradation conforming to 604.2(3). Before backfilling place geotextile as the plans show.

614 Semi-rigid Barrier Systems and End Treatments

614.2.6 Sand Barrel Arrays

Replace paragraph one with the following effective with the November 2023 letting:

- (1) Furnish sand barrels from the APL. Use fine aggregate conforming to gradation shown in Table 614-2 mixed with sodium chloride conforming to AASHTO M143. Apply an object marker to front-most barrel in the array.

TABLE 614-2 FINE AGGREGATE GRADATION

SEIVE	FINE AGGREGATE (% PASSING by WEIGHT)
3/8-inch	100
No. 4	90 - 100
No. 8	-
No. 16	45 - 85
No. 30	-
No. 50	5 - 30
No. 100	0 - 10
No. 200	<=3.5

628 Erosion Control**628.2.13 Rock Bags**

Replace paragraph two with the following effective with the November 2023 letting:

- (2) Fill the bags with a clean, sound, hard, durable, engineer-approved coarse aggregate conforming by visual inspection to the gradation specified for coarse aggregate gradation in 604.2(3).

639 Drilling Wells**639.2.1 General**

Replace paragraph two with the following effective with the November 2023 letting:

- (2) For grout use fine aggregate conforming to 501.2.7.2; and gradation conforming to 614.2.6(1); and type I, IL, IS, IP, or IT cement.

652 Electrical Conduit**652.3.1.2 Installing Underground**

Replace paragraph two with the following effective with the November 2023 letting:

- (2) Excavate trenches true to line and grade to provide the conduit uniform bearing throughout its length. Do not backfill the trench before inspecting the conduit. Carefully tamp the backfill in place as specified for placing backfill in layers in 651.3. Place at least 0.7 cubic feet of coarse aggregate gradation conforming to 604.2(3) directly under each drainage hole.

ERRATA

390.3.4 Special High Early Strength Concrete Patching

Correct errata link in paragraph (1) by changing from 416.3.8 to 416.3.7.

- (1) Construct as specified for special high early strength repairs under 416.3.7 except as follows:
 - The contractor may delay removal for up to 14 calendar days after cutting the existing pavement.
 - Open to traffic as specified for concrete base in 320.3.

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).

BUY AMERICA PROVISION

Buy America (as documented in [88 FR 57750 \(2 CFR part 184 and 200\)](#) from the Office of Management and Budget: [Federal Register: Guidance for Grants and Agreements](#)) shall be domestic products and permanently incorporated in this project as classified in the following three categories, and as noted in the Construction and Materials Manual (CMM):

1. Iron and Steel

All iron and steel manufacturing and coating processes (from the initial melting stage through the application of coatings) must have occurred within the United States. Coating includes epoxy coating, galvanizing, painting and any other coating that protects or enhances the value of a material subject to the requirements of Buy America.

The exemption of the iron and steel manufacturing and coating processes Buy America requirement is the minimal use of foreign materials if the total cost of such material permanently incorporated in the product does not exceed one-tenth of one percent (1/10 of 1%) of the total contract cost or \$2,500.00, whichever is greater. For purposes of this paragraph, the cost is that shown to be the value of the subject products as they are delivered to the project.

2. Manufactured Product

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

3. Construction Material

All construction materials (as defined in [88 FR 57750 \(2 CFR part 184 and 200\)](#) and as referenced in CMM 228.5) must comply with Buy America. All manufacturing process of construction materials must occur in the United States.

[88 FR 55817 \(DOT-OST-2022-0124\)](#) allows a limited waiver of Buy America requirements for de minimis costs and small grants.

- The Total value of the non-compliant products is no more than the lesser of \$1,000,000 or 5% of total applicable costs for the project¹; or
- The total amount of Federal financial assistance applied to the project, through awards or subaward, is below \$500,000²

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

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

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

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

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

¹ The de minimis public interest waiver does not apply to iron and steel subject to the requirements of 23 U.S.C. 313 on financial assistance administered by FHWA. The de minimis threshold in 23 CFR 635.410(b)(4) continues to apply for iron and steel.

² The small grant portion of the waiver does not apply to iron, steel, and manufactured goods subject to the requirements of 49 U.S.C. 22905(a).



Proposal Schedule of Items

Proposal ID: 20240312026 Project(s): 9130-03-72

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	201.0205 Grubbing	12.000 STA	_____.	_____.
0004	203.0100 Removing Small Pipe Culverts	1.000 EACH	_____.	_____.
0006	204.0110 Removing Asphaltic Surface	37,935.000 SY	_____.	_____.
0008	204.0115 Removing Asphaltic Surface Butt Joints	80.000 SY	_____.	_____.
0010	204.0120 Removing Asphaltic Surface Milling	1,340.000 SY	_____.	_____.
0012	204.0150 Removing Curb & Gutter	15,100.000 LF	_____.	_____.
0014	204.0155 Removing Concrete Sidewalk	2,770.000 SY	_____.	_____.
0016	204.0180 Removing Delineators and Markers	18.000 EACH	_____.	_____.
0018	204.0195 Removing Concrete Bases	1.000 EACH	_____.	_____.
0020	204.0210 Removing Manholes	3.000 EACH	_____.	_____.
0022	204.0220 Removing Inlets	35.000 EACH	_____.	_____.
0024	204.0245 Removing Storm Sewer (size) 01. 18-Inch	2,010.000 LF	_____.	_____.
0026	204.0245 Removing Storm Sewer (size) 02. 24-Inch	94.000 LF	_____.	_____.
0028	204.0280 Sealing Pipes	1.000 EACH	_____.	_____.
0030	204.9060.S Removing (item description) 01. Retaining Wall	1.000 EACH	_____.	_____.



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Alt Set ID: Alt Mbr ID:

Proposal Line Number	Item ID Description	Approximate Quantity and Units	Unit Price	Bid Amount
0032	204.9060.S Removing (item description) 02. Concrete Steps, Railing, and Sidewalls	2.000 EACH	_____.	_____.
0034	205.0100 Excavation Common	9,516.000 CY	_____.	_____.
0036	208.0100 Borrow	1,310.000 CY	_____.	_____.
0038	211.0101 Prepare Foundation for Asphaltic Paving (project) 01. 9130-03-72	1.000 EACH	_____.	_____.
0040	211.0400 Prepare Foundation for Asphaltic Shoulders	14.000 STA	_____.	_____.
0042	213.0100 Finishing Roadway (project) 01. 9130-03-72	1.000 EACH	_____.	_____.
0044	305.0110 Base Aggregate Dense 3/4-Inch	40.000 TON	_____.	_____.
0046	305.0120 Base Aggregate Dense 1 1/4-Inch	5,850.000 TON	_____.	_____.
0048	450.4000 HMA Cold Weather Paving	800.000 TON	_____.	_____.
0050	455.0605 Tack Coat	3,300.000 GAL	_____.	_____.
0052	460.2000 Incentive Density HMA Pavement	6,630.000 DOL	1.00000	6,630.00
0054	460.6223 HMA Pavement 3 MT 58-28 S	7,100.000 TON	_____.	_____.
0056	460.6444 HMA Pavement 4 MT 58-34 H	3,250.000 TON	_____.	_____.
0058	465.0105 Asphaltic Surface	52.000 TON	_____.	_____.
0060	465.0110 Asphaltic Surface Patching	10.000 TON	_____.	_____.



Proposal Schedule of Items

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SECTION: 0001 Contract Items

Alt Set ID: Alt Mbr ID:

Proposal Line Number	Item ID Description	Approximate Quantity and Units	Unit Price	Bid Amount
0062	465.0120 Asphaltic Surface Driveways and Field Entrances	260.000 TON	_____.	_____.
0064	465.0125 Asphaltic Surface Temporary	165.000 TON	_____.	_____.
0066	465.0310 Asphaltic Curb	20.000 LF	_____.	_____.
0068	465.0315 Asphaltic Flumes	28.000 SY	_____.	_____.
0070	511.1100 Temporary Shoring	980.000 SF	_____.	_____.
0072	513.2001 Railing Pipe	54.000 LF	_____.	_____.
0074	520.8000 Concrete Collars for Pipe	1.000 EACH	_____.	_____.
0076	522.1018 Apron Endwalls for Culvert Pipe Reinforced Concrete 18-Inch	9.000 EACH	_____.	_____.
0078	522.1024 Apron Endwalls for Culvert Pipe Reinforced Concrete 24-Inch	1.000 EACH	_____.	_____.
0080	522.2429 Culvert Pipe Reinforced Concrete Horizontal Elliptical Class HE-IV 29x45-Inch	74.000 LF	_____.	_____.
0082	522.2614 Apron Endwalls for Culvert Pipe Reinforced Concrete Horizontal Elliptical 14x23-Inch	1.000 EACH	_____.	_____.
0084	522.2619 Apron Endwalls for Culvert Pipe Reinforced Concrete Horizontal Elliptical 19x30-Inch	1.000 EACH	_____.	_____.
0086	522.2624 Apron Endwalls for Culvert Pipe Reinforced Concrete Horizontal Elliptical 24x38-Inch	3.000 EACH	_____.	_____.



Proposal Schedule of Items

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SECTION: 0001 Contract Items

Alt Set ID: Alt Mbr ID:

Proposal Line Number	Item ID Description	Approximate Quantity and Units	Unit Price	Bid Amount
0088	522.2629 Apron Endwalls for Culvert Pipe Reinforced Concrete Horizontal Elliptical 29x45-Inch	2.000 EACH	_____.	_____.
0090	601.0411 Concrete Curb & Gutter 30-Inch Type D	13,670.000 LF	_____.	_____.
0092	601.0415 Concrete Curb & Gutter 6-Inch Sloped 30-Inch Type J	460.000 LF	_____.	_____.
0094	601.0600 Concrete Curb Pedestrian	220.000 LF	_____.	_____.
0096	602.0405 Concrete Sidewalk 4-Inch	38,340.000 SF	_____.	_____.
0098	602.0515 Curb Ramp Detectable Warning Field Natural Patina	234.000 SF	_____.	_____.
0100	602.0615 Curb Ramp Detectable Warning Field Radial Natural Patina	330.000 SF	_____.	_____.
0102	602.0810 Concrete Driveway 6-Inch	305.000 SY	_____.	_____.
0104	602.0860 Concrete Driveway HES 6-Inch	253.000 SY	_____.	_____.
0106	602.1500 Concrete Steps	94.000 SF	_____.	_____.
0108	606.0200 Riprap Medium	45.000 CY	_____.	_____.
0110	606.0600 Grouted Riprap Medium	55.000 CY	_____.	_____.
0112	608.0312 Storm Sewer Pipe Reinforced Concrete Class III 12-Inch	60.000 LF	_____.	_____.
0114	608.0318 Storm Sewer Pipe Reinforced Concrete Class III 18-Inch	853.000 LF	_____.	_____.



Proposal Schedule of Items

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SECTION: 0001 Contract Items

Alt Set ID: Alt Mbr ID:

Proposal Line Number	Item ID Description	Approximate Quantity and Units	Unit Price	Bid Amount
0116	608.0324 Storm Sewer Pipe Reinforced Concrete Class III 24-Inch	52.000 LF	_____.	_____.
0118	608.0418 Storm Sewer Pipe Reinforced Concrete Class IV 18-Inch	269.000 LF	_____.	_____.
0120	608.0424 Storm Sewer Pipe Reinforced Concrete Class IV 24-Inch	418.000 LF	_____.	_____.
0122	608.2414 Storm Sewer Pipe Reinforced Concrete Horizontal Elliptical Class HE-IV 14x23-Inch	164.000 LF	_____.	_____.
0124	608.2419 Storm Sewer Pipe Reinforced Concrete Horizontal Elliptical Class HE-IV 19x30-Inch	24.000 LF	_____.	_____.
0126	608.2424 Storm Sewer Pipe Reinforced Concrete Horizontal Elliptical Class HE-IV 24x38-Inch	323.000 LF	_____.	_____.
0128	611.0430 Reconstructing Inlets	17.000 EACH	_____.	_____.
0130	611.0530 Manhole Covers Type J	6.000 EACH	_____.	_____.
0132	611.0612 Inlet Covers Type C	6.000 EACH	_____.	_____.
0134	611.0624 Inlet Covers Type H	26.000 EACH	_____.	_____.
0136	611.0645 Inlet Covers Type MS-A	6.000 EACH	_____.	_____.
0138	611.1004 Catch Basins 4-FT Diameter	11.000 EACH	_____.	_____.
0140	611.1005 Catch Basins 5-FT Diameter	3.000 EACH	_____.	_____.
0142	611.1006 Catch Basins 6-FT Diameter	1.000 EACH	_____.	_____.



Proposal Schedule of Items

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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
0144	611.1230 Catch Basins 2x3-FT	5.000 EACH	_____.	_____.
0146	611.2005 Manholes 5-FT Diameter	2.000 EACH	_____.	_____.
0148	611.2006 Manholes 6-FT Diameter	4.000 EACH	_____.	_____.
0150	611.3004 Inlets 4-FT Diameter	10.000 EACH	_____.	_____.
0152	611.3230 Inlets 2x3-FT	7.000 EACH	_____.	_____.
0154	611.3901 Inlets Median 1 Grate	6.000 EACH	_____.	_____.
0156	611.8115 Adjusting Inlet Covers	6.000 EACH	_____.	_____.
0158	611.8120.S Cover Plates Temporary	7.000 EACH	_____.	_____.
0160	611.9710 Salvaged Inlet Covers	10.000 EACH	_____.	_____.
0162	612.0206 Pipe Underdrain Unperforated 6-Inch	15.000 LF	_____.	_____.
0164	612.0406 Pipe Underdrain Wrapped 6-Inch	275.000 LF	_____.	_____.
0166	618.0100 Maintenance and Repair of Haul Roads (project) 01. 9130-03-72	1.000 EACH	_____.	_____.
0168	619.1000 Mobilization	1.000 EACH	_____.	_____.
0170	624.0100 Water	200.000 MGAL	_____.	_____.
0172	625.0100 Topsoil	23,820.000 SY	_____.	_____.
0174	628.1504 Silt Fence	6,860.000 LF	_____.	_____.



Proposal Schedule of Items

Proposal ID: 20240312026 Project(s): 9130-03-72

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
0176	628.1520 Silt Fence Maintenance	6,860.000 LF	_____.	_____.
0178	628.1905 Mobilizations Erosion Control	8.000 EACH	_____.	_____.
0180	628.1910 Mobilizations Emergency Erosion Control	5.000 EACH	_____.	_____.
0182	628.2004 Erosion Mat Class I Type B	6,660.000 SY	_____.	_____.
0184	628.2008 Erosion Mat Urban Class I Type B	17,160.000 SY	_____.	_____.
0186	628.7005 Inlet Protection Type A	73.000 EACH	_____.	_____.
0188	628.7010 Inlet Protection Type B	15.000 EACH	_____.	_____.
0190	628.7015 Inlet Protection Type C	58.000 EACH	_____.	_____.
0192	628.7020 Inlet Protection Type D	15.000 EACH	_____.	_____.
0194	628.7504 Temporary Ditch Checks	270.000 LF	_____.	_____.
0196	628.7555 Culvert Pipe Checks	45.000 EACH	_____.	_____.
0198	628.7570 Rock Bags	1,175.000 EACH	_____.	_____.
0200	629.0210 Fertilizer Type B	5.000 CWT	_____.	_____.
0202	630.0120 Seeding Mixture No. 20	180.000 LB	_____.	_____.
0204	630.0140 Seeding Mixture No. 40	310.000 LB	_____.	_____.
0206	630.0500 Seed Water	350.000 MGAL	_____.	_____.



Proposal Schedule of Items

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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
0208	633.5200 Markers Culvert End	19.000 EACH	_____.	_____.
0210	634.0614 Posts Wood 4x6-Inch X 14-FT	34.000 EACH	_____.	_____.
0212	634.0616 Posts Wood 4x6-Inch X 16-FT	21.000 EACH	_____.	_____.
0214	634.0618 Posts Wood 4x6-Inch X 18-FT	8.000 EACH	_____.	_____.
0216	637.2210 Signs Type II Reflective H	456.130 SF	_____.	_____.
0218	638.2102 Moving Signs Type II	2.000 EACH	_____.	_____.
0220	638.2602 Removing Signs Type II	69.000 EACH	_____.	_____.
0222	638.3000 Removing Small Sign Supports	63.000 EACH	_____.	_____.
0224	642.5001 Field Office Type B	1.000 EACH	_____.	_____.
0226	643.0300 Traffic Control Drums	43,810.000 DAY	_____.	_____.
0228	643.0420 Traffic Control Barricades Type III	1,690.000 DAY	_____.	_____.
0230	643.0705 Traffic Control Warning Lights Type A	3,380.000 DAY	_____.	_____.
0232	643.0715 Traffic Control Warning Lights Type C	3,196.000 DAY	_____.	_____.
0234	643.0900 Traffic Control Signs	13,067.000 DAY	_____.	_____.
0236	643.1000 Traffic Control Signs Fixed Message	36.000 SF	_____.	_____.
0238	643.3165 Temporary Marking Line Paint 6-Inch	48,100.000 LF	_____.	_____.



Proposal Schedule of Items

Proposal ID: 20240312026 Project(s): 9130-03-72

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
0240	643.3180 Temporary Marking Line Removable Tape 6-Inch	10,700.000 LF	_____.	_____.
0242	643.3350 Temporary Marking Crosswalk Removable Tape 6-inch	750.000 LF	_____.	_____.
0244	643.3980 Temporary Marking Removable Mask Out Tape 8-Inch	250.000 LF	_____.	_____.
0246	643.5000 Traffic Control	1.000 EACH	_____.	_____.
0248	644.1601 Temporary Pedestrian Curb Ramp	271.000 DAY	_____.	_____.
0250	644.1605 Temporary Pedestrian Detectable Warning Field	150.000 SF	_____.	_____.
0252	644.1810 Temporary Pedestrian Barricade	1,850.000 LF	_____.	_____.
0254	645.0120 Geotextile Type HR	290.000 SY	_____.	_____.
0256	646.1020 Marking Line Epoxy 4-Inch	6.000 LF	_____.	_____.
0258	646.2020 Marking Line Epoxy 6-Inch	15,000.000 LF	_____.	_____.
0260	646.2040 Marking Line Grooved Wet Ref Epoxy 6-Inch	2,000.000 LF	_____.	_____.
0262	646.4520 Marking Line Same Day Epoxy 4-Inch	770.000 LF	_____.	_____.
0264	646.4720 Marking Line Same Day Epoxy 6-Inch	18,220.000 LF	_____.	_____.
0266	646.5020 Marking Arrow Epoxy	3.000 EACH	_____.	_____.
0268	646.6120 Marking Stop Line Epoxy 18-Inch	15.000 LF	_____.	_____.



Proposal Schedule of Items

Proposal ID: 20240312026 Project(s): 9130-03-72

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
0270	646.6466 Cold Weather Marking Epoxy 6-Inch	3,600.000 LF	_____.	_____.
0272	646.7420 Marking Crosswalk Epoxy Transverse Line 6-Inch	550.000 LF	_____.	_____.
0274	646.7520 Marking Crosswalk Epoxy Block Style 24-Inch	180.000 LF	_____.	_____.
0276	646.9000 Marking Removal Line 4-Inch	20,900.000 LF	_____.	_____.
0278	650.4000 Construction Staking Storm Sewer	64.000 EACH	_____.	_____.
0280	650.5000 Construction Staking Base	7,396.000 LF	_____.	_____.
0282	650.5500 Construction Staking Curb Gutter and Curb & Gutter	15,425.000 LF	_____.	_____.
0284	650.6000 Construction Staking Pipe Culverts	1.000 EACH	_____.	_____.
0286	650.6501 Construction Staking Structure Layout (structure) 01. R-21-3	1.000 EACH	_____.	_____.
0288	650.9000 Construction Staking Curb Ramps	40.000 EACH	_____.	_____.
0290	650.9500 Construction Staking Sidewalk (project) 01. 9130-03-72	1.000 EACH	_____.	_____.
0292	650.9911 Construction Staking Supplemental Control (project) 01. 9130-03-72	1.000 EACH	_____.	_____.
0294	650.9920 Construction Staking Slope Stakes	7,733.000 LF	_____.	_____.
0296	690.0150 Sawing Asphalt	4,415.000 LF	_____.	_____.
0298	690.0250 Sawing Concrete	315.000 LF	_____.	_____.



Proposal Schedule of Items

Proposal ID: 20240312026 Project(s): 9130-03-72

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
0300	740.0440 Incentive IRI Ride	5,860.000 DOL	1.00000	5,860.00
0302	SPV.0030 Special 01. Fertilizer for Lawn Type Turf	12.000 CWT	_____.	_____.
0304	SPV.0060 Special 01. Moving Boulders	11.000 EACH	_____.	_____.
0306	SPV.0060 Special 02. Temporary Storm Sewer Connection	4.000 EACH	_____.	_____.
0308	SPV.0060 Special 03. Adjusting Water Valve Boxes	7.000 EACH	_____.	_____.
0310	SPV.0060 Special 04. Adjusting Sanitary Manhole Covers	7.000 EACH	_____.	_____.
0312	SPV.0060 Special 05. Reconstructing Sanitary Manholes	1.000 EACH	_____.	_____.
0314	SPV.0060 Special 06. Research and Locate Existing Land Parcel Monuments	97.000 EACH	_____.	_____.
0316	SPV.0060 Special 07. Verify and Replace Existing Land Parcel Monuments	97.000 EACH	_____.	_____.
0318	SPV.0060 Special 08. Shuttle Service	1.000 EACH	_____.	_____.
0320	SPV.0090 Special 01. Concrete Curb and Gutter HES 30-Inch Type D	1,050.000 LF	_____.	_____.
0322	SPV.0090 Special 02. Concrete Curb Pedestrian Special	25.000 LF	_____.	_____.
0324	SPV.0090 Special 03. Sidewalk Repair	420.000 LF	_____.	_____.
0326	SPV.0165 Special 01. Wall Modular Block Gravity (R-21-3)	930.000 SF	_____.	_____.



Proposal Schedule of Items

Proposal ID: 20240312026 Project(s): 9130-03-72

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
0328	SPV.0180 Special 01. Preparing Topsoil for Lawn Type Turf	17,160.000 SY	_____.	_____.
Section: 0001			Total:	_____.
			Total Bid:	_____.

PLEASE ATTACH ADDENDA HERE