

HIGHWAY WORK PROPOSAL

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

Proposal Number: **015**

<u>COUNTY</u>	<u>STATE PROJECT</u>	<u>FEDERAL</u>	<u>PROJECT DESCRIPTION</u>	<u>HIGHWAY</u>
Langlade	1602-10-71	N/A	T Elcho, Antigo Street; Clinic Street to Otter Lake Lane	USH 045

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

Proposal Guaranty Required: \$75,000.00 Payable to: Wisconsin Department of Transportation	Attach Proposal Guaranty on back of this PAGE.
Bid Submittal Date: September 10, 2024 Time (Local Time): 11:00 am	Firm Name, Address, City, State, Zip Code
Contract Completion Time October 24, 2025	SAMPLE NOT FOR BIDDING PURPOSES
Assigned Disadvantaged Business Enterprise Goal 0%	This contract is exempt from federal oversight.

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

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

Subscribed and sworn to before me this date _____

(Signature, Notary Public, State of Wisconsin)

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

(Date Commission Expires)

Notary Seal

(Bidder Signature)

(Print or Type Bidder Name)

(Bidder Title)

Type of Work:	For Department Use Only
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-business/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-business/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 ExpressTM web site.
 2. Use ExpediteTM software to enter a unit price for every item in the schedule of items.
 3. Submit the bid according to the requirements of ExpediteTM software and the Bid ExpressTM web site. Do not submit a bid on a printout with accompanying diskette or CD ROM or a paper bid. If the bidder does submit a bid on a printout with accompanying diskette or a paper bid in addition to the internet submittal, the department will disregard the internet bid.
 4. Submit the bid before the hour and date the Notice to Contractors designates.
 5. Do not sign, notarize, and return the bidding proposal described in 102.2 of the standard specifications.
- (3) The department will not consider the bid accepted until the hour and date the Notice to Contractors designates.

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

- (1) Download the latest schedule of items from the Wisconsin pages of the Bid Express web site reflecting the latest addenda posted on the department's web site at:
<https://wisconsindot.gov/Pages/doing-bus/contractors/hcci/bid-let.aspx>
Use ExpediteTM 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 ExpressTM web site to assure that the schedule of items is prepared properly.
- (2) Staple an 8 1/2 by 11 inch printout of the ExpediteTM 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 ExpediteTM 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 ExpediteTM 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 ExpediteTM generated schedule of items is not the same on each page.
 2. The check code printed on the printout of the ExpediteTM 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)

NOTARY FOR PRINCIPAL

(Date)

State of Wisconsin)
) ss.
_____ County)

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

(Signature, Notary Public, State of Wisconsin)

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

(Date Commission Expires)

Notary Seal

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

(Signature of Attorney-in-Fact)

NOTARY FOR SURETY

(Date)

State of Wisconsin)
) ss.
_____ County)

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

(Signature, Notary Public, State of Wisconsin)

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

(Date Commission Expires)

Notary Seal

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

CERTIFICATE OF ANNUAL BID BOND

DT1305 8/2003

Wisconsin Department of Transportation

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

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

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

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

(Signature of Authorized Contractor Representative)

(Date)

LIST OF SUBCONTRACTORS

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

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

[illegible]

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

Instructions for Certification

1. By signing and submitting this proposal, the prospective contractor is providing the certification set out below.
2. The inability of a person to provide the certification required below will not necessarily result in denial of participation in this covered transaction. The prospective contractor shall submit an explanation of why it cannot provide the certification set out below. The certification or explanation will be considered in connection with the department or agency's determination whether to enter into this transaction. However, failure of the prospective contractor to furnish a certification or an explanation shall disqualify such person from participation in this transaction.
3. The certification in this clause is a material representation of fact upon which reliance was placed when the department determined to enter into this transaction. If it is later determined that the contractor knowingly rendered an erroneous certification in addition to other remedies available to the Federal Government the department may terminate this transaction for cause or default.
4. The prospective contractor shall provide immediate written notice to the department to whom this proposal is submitted if at any time the prospective contractor learns that its certification was erroneous when submitted or has become erroneous by reason of changed circumstances.
5. The terms "covered transaction," "debarred," "suspended," "ineligible," "lower tier covered transaction," "participant," "person," "primary covered transaction," "principal," "proposal," and "voluntarily excluded," as used in this clause, have the meanings set out in the Definitions and Coverage sections of the rules implementing Executive Order 12549. You may contact the department to which this proposal is being submitted for assistance in obtaining a copy of those regulations.
6. The prospective contractor agrees by submitting this proposal that, should this contract be entered into, it shall not knowingly enter into any lower tier covered transaction with a person who is debarred, suspended, declared ineligible, or voluntarily excluded from participation in this covered transaction, unless authorized by the department entering into this transaction.
7. The prospective contractor further agrees by submitting this proposal that it will include the clause titled "Certification Regarding Debarment, Suspension, Ineligibility and Voluntary Exclusion-Lower Tier Covered Transaction," which is included as an addendum to PR- 1273 - "Required Contract Provisions Federal Aid Construction Contracts," without modification, in all lower tier covered transactions and in all solicitations for lower tier covered transactions.
8. The contractor may rely upon a certification of a prospective subcontractor/materials supplier that it is not debarred, suspended, ineligible, or voluntarily excluded from the covered transaction, unless it knows that the certification is erroneous. A contractor may decide the method and frequency by which it determines the eligibility of its principals. Each contractor may, but is not required to, check the Disapproval List (telephone # 608/266/1631).

9. Nothing contained in the foregoing shall be construed to require establishment of a system of records in order to render in good faith the certification required by this clause. The knowledge and information of a contractor is not required to exceed that which is normally possessed by a prudent person in the ordinary course of business dealings.
10. Except for transactions authorized under paragraph 6 of these instructions, if a contractor in a covered transaction knowingly enters into a lower tier covered transaction with a person who is suspended, debarred, ineligible or voluntarily excluded from participation in this transaction, in addition to other remedies available to the Federal Government, the department may terminate this transaction for cause or default.

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

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

Special Provisions

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SPECIAL PROVISIONS

1. General.

Perform the work under this construction contract for Project 1602-10-71, T Elcho, Antigo Street, Clinic Street to Otter Lake Lane, USH 45, Langlade 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 (20240105)

2. Scope of Work.

The work under this contract shall consist of removing asphaltic surface, removing concrete pavement, removing curb and gutter, common excavation, storm sewer, grading, base aggregate dense, salvaged asphaltic pavement base, HMA pavement, concrete curb and gutter, concrete curb ramps, concrete sidewalk, permanent signing, pavement markings, and all incidental items necessary to complete the work as shown on the plans and included in the proposal and contract.

104-005 (20090901)

3. Prosecution and Progress.

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

Provide the start date to the engineer in writing within a month after executing the contract but at least 14 calendar days before the preconstruction conference. Upon approval, the engineer will issue the notice to proceed within 10 calendar days before the approved start date.

To revise the start date, submit a written request to the engineer at least two weeks before the intended start date. The engineer will approve or deny that request based on the conditions cited in the request and its effect on the department's scheduled resources.

Place the lower layer of asphaltic pavements on sideroads before the upper surface layer of asphaltic pavements are placed on the mainline adjacent to the sideroad.

Place the upper surface layer of asphaltic pavement on the sideroads within 7 calendar days after the upper surface layer of asphaltic pavement is placed on the mainline adjacent to the sideroad.

ncr-108-010 (20131005)

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.

To avoid adverse impacts upon the NLEBs, no tree clearing is allowed between April 1 and October 31, both dates inclusive. If the required tree clearing is not completed by March 31, the department will suspend all tree clearing and associated work directly impacted by clearing.

Tree clearing is limited to that which is specified in the plans. 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.

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

Local and Street Signs

Coordinate local and street sign removals and adjustments with the Town of Elcho (Jess Olenski, (321) 689-8194) two weeks prior to removal or adjustments needs.

Pedestrian Access

Do not close the sidewalk along USH 45 between Cole Street and Bluebird Alley until work operations require closure and approved by the engineer. During the sidewalk closures in stage 2 and 3 between Cole Street and Bluebird Alley, 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.

Stage 1: Construct the temporary widening along northbound USH 45 that are required for Stage 2.

Stage 2: Construct southbound USH 45. Construct Stage 2 temporary widenings that are required for Stage 3.

Stage 3: Construct northbound USH 45. Remove temporary widenings constructed in Stage 1.

Stage 4: Complete pavement marking and finishing. Remove temporary widenings constructed in Stage 2.

4. Traffic.

Maintain two-way through traffic on USH 45 at all times during construction. The project shall be constructed under traffic. At a minimum, maintain the lane width and clear width dimensions shown on the plan for each stage.

The road must be brought up to gravel grade every night with no grade differential at the centerline and tie ins with pavement.

Maintain USH 45 traffic control for each stage as follows:

Stage 1: Close and widen the northbound shoulder of USH 45 using shoulder closure and flagging operations. Maintain the existing single 12' lanes of traffic in both directions.

Stage 2: Shift traffic to the east side of the roadway and maintain a single 10' lane of traffic in both directions.

Stage 3: Shift traffic to the west side of the roadway and maintain a single 10' lane of traffic in both directions.

Stage 4: Complete work along USH 45 using shoulder closure and flagging operations. Maintain the existing single 12' lanes of traffic in both directions.

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.

Vehicle Access

Maintain local vehicle access at all times to properties within the work zone that do not have alternate access available outside the work zone, except as allowed herein. Maintain truck turning movements at all intersections and commercial driveways. Maintain ramped driveway access at a maximum slope of 12% on existing driveway surface, compacted base aggregate dense, or finished driveway surface. Notify the property resident or business a minimum of 72 hours in advance of driveway reconstruction to verify closure or staged driveway construction methods. For businesses, coordinate with each business to minimize interruption to business operation during open hours. Construct driveway approaches to commercial properties in stages if the property does not have an alternate access available so that at least one access is maintained to each business at all times.

Pedestrian Access

During construction, direct pedestrians along existing sidewalks, temporary pedestrian facilities and alternative routes as described below.

Stage 1: Close the sidewalk along the east side of USH 45. Route pedestrians to the sidewalk along the west side of USH 45 and to existing parallel pedestrian facilities east of USH 45.

Stage 2: Close the sidewalk along both sides of USH 45. Route pedestrians to the existing parallel pedestrian facilities to both the east and west of USH 45. Provide shuttle service for pedestrians through the project area when the west sidewalk is under construction.

Stage 3: Close the sidewalk along the east side of USH 45. Route pedestrians to the sidewalk along the west side of USH 45 and to existing parallel pedestrian facilities east of USH 45. Provide shuttle service for pedestrians through the project area when the east sidewalk is under construction.

Stage 4: Open sidewalk along both sides of USH 45.

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 USH 45 traffic, and entirely clear the traveled way and shoulders of such portions of the highway of equipment, barricades, signs, lights, and any other material that might impede the free flow of traffic during the following holiday and special event periods:

- From noon Friday, May 23, 2025 to 6:00 AM Tuesday, May 27, 2025 for Memorial Day;
- From noon Thursday, July 3, 2025 to 6:00 AM Monday, July 7, 2025 for Independence Day;
- From noon Friday, August 29, 2025 to 6:00 AM Tuesday, September 2, 2025 for Labor Day.

stp-107-005 (20210113)

6. **Utilities.**

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

stp-107-065 (20080501)

The utility work plan includes additional detailed information regarding the location of known discontinued, relocated, or removed utility facilities. These can be requested from the Wisconsin Department of Transportation during the bid preparation process or from the project engineer after the contract has been awarded and executed.

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. Follow-up with a confirmation notice to the engineer and the utility not less than 3 working days before the site will be ready for the utility to begin its work.

All stations listed in this article are approximate.

Astrea (Communication Line) – has communications facilities within the construction limits. Astrea will provide a representative on-site during all excavation within 3-feet of their facilities located at station 882+37, station 889+20, and station 913+51.

Elcho Sanitary District No 1 (Sewer) – has underground sewer facilities within the construction limits. Sanitary sewer manhole covers within the project improvement limits shall be adjusted to final paving grades by the contractor during construction.

Adjust sanitary sewer manhole covers to match the new finished pavement and grading elevation. Perform this work in accordance with the requirements of Adjusting Sanitary Sewer Manhole Covers.

Elcho Sanitary District No 1 (Water) – has water facilities within the construction limits. Water valve boxes, water service curb stops, and fire hydrants within the project improvement limits shall be adjusted to final paving grades by the contractor during construction.

Adjust water valve boxes, water service curb stops, and fire hydrants to match the new finished pavement and grading elevation. Perform this work in accordance with the requirements of Adjusting Water Valve Boxes, Adjusting Water Service Curb Stops, and Adjusting Fire Hydrants.

Frontier North Inc. (Communication Line) – has communications facilities within the construction limits. Frontier will relocate the following facilities prior to construction:

- Existing copper facility in conflict between Station 18+18 'COW' to Station 20+68 'COE', Station 39+45 'OW' to Station 41+65 'OE', and Station 69+00 'BL' to Station 906+22 will be relocated 10' deep.
- Existing copper facility in conflict at Station 59+56 'B' and Station 59+59 'B' to Station 60+38 'B' will be relocated 5' deep.

Wisconsin Public Service Corporation (Electricity) – has underground and overhead electricity facilities within the construction limits. Wisconsin Public Service Corporation will relocate their conflicting electricity facilities prior to construction.

- Pole at Station 29+60 'K' 24' LT will be moved west of new sidewalk to approximately Station 893+40, 33' LT.
- Pole at Station 40+37 'OE' 24' RT will be replaced east of the new sidewalk to approximately Station 896+45, 36.5' RT.
- Pole at Station 50+42 'EE' 22' RT will be replaced south of the new curb to approximately Station 900+10, 41.5' RT.
- Pole at Station 903+15, 28' RT will be replaced outside of construction limits to approximately Station 903+18, 35' RT.
- Pole Station 69+62 'BL' 18' RT will be moved northwest of new sidewalk to approximately Station 906+19, 38' LT.

Wisconsin Public Service Corporation (Gas) – has gas facilities within the construction limits. No conflicts are anticipated.

7. Other Projects.

Work may be occurring concurrently on:

USH 45 Bike/Ped Trail between Enterprise Lake Road to Parkway Lane (Town of Elcho improvement project).

Work includes constructing sidewalk within the 1602-10-71 limits and a multi-use path from the project limits north to Parkway Lane. Construction is currently scheduled for as early as 2025.

Contact Nathan Waite, WisDOT at (715) 365-5762 for more details.

8. Municipality Acceptance of Sanitary Sewer and Water Main Construction.

Both the department and the Town of Elcho personnel will inspect construction of sanitary sewer and water main under this contract. However, construction staking, testing, and acceptance of the sanitary sewer and water main construction will be by the Town of Elcho.

stp-105-001 (20140630)

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

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

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

Information on USACE Section 404 permits is available on the USACE's website:

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

stp-107-054 (20230629)

10. 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 Andrew Casper at (715) 365-5713. Post the permit certificate in a conspicuous place at the construction site.

stp-107-056 (20230629)

11. 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)

12. 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)

13. 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 (7) calendar days after the placement of topsoil.

ncr-107-050 (20141015)

14. Ground Water Monitoring Well.

Others have constructed a groundwater monitoring well at Station 888+70 LT.

This well is located within the construction area. Exercise care and do not disturb or damage the well. Any cost of repair or replacement of a well disturbed or damaged by the contractor will be deducted from compensation due, or which may become due, the contractor under the contract.

15. Archaeological Sites.

47LG10 (unnamed site) is located approximately Station 910+00 to Station 916+00, 125 to 325 feet LT of the project reference line and is shown as “sensitive area” on the plans.

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

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

stp-107-220 (20180628)

16. Coordination with Businesses and Residents.

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

stp-108-060 (20141107)

17. Health and Safety Requirements for Workers Remediating Petroleum Contamination.

Add the following to standard spec 107.1(2):

Soil contamination with gasoline, diesel fuel, fuel oil, or other petroleum related products may be encountered during excavation activities. Prepare a site-specific Health and Safety Plan complying with the Occupational Safety and Health Administration (OSHA) standard for Hazardous Waste Operation and Emergency Response (HAZWOPER), 29 CFR 1910.120.

All site workers taking part in remediation activities or who will have the reasonable probability of exposure of safety or health hazards associated with the hazardous material shall have completed Health and Safety training that meets OSHA requirements. Before the start of remediation work, submit to the engineer a site-specific Health and Safety Plan, and written verification that workers will have completed up-to-date OSHA training.

Develop, delineate, and enforce the health and safety exclusions zones for each contaminated site location pursuant to 29 CFR 1910.120.

stp-107-115 (20150630)

18. 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:

- Wisconsin State Patrol
- Langlade County Highway Department
- Langlade County Sheriff's Department
- Town of Elcho
- Town of Elcho Fire and Rescue
- Elcho School District
- Elcho Post Office

ncr-107-005 (20200729)

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. Excavation, Hauling, and Disposal of Petroleum Contaminated Soil, Item 205.0501.S.

A Description

A.1 General

This special provision describes excavating, loading, hauling, and disposing of petroleum contaminated soil at a DNR approved bioremediation facility or landfill. The closest DNR approved bioremediation facility or landfill is:

Lincoln County Sanitary Landfill
N4750 Landfill Ln
Merrill, Wisconsin 54452
(715) 536-9636

Perform this work conforming to standard spec 205 and Chapters NR 700-754 of the Wisconsin Administrative Code, as supplemented herein. Per NR 718.07, a solid waste collection and transportation service-operating license is required under NR 502.06 for each vehicle used to transport contaminated soil.

A.2 Notice to the Contractor – Contaminated Soil Locations

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

1. Station 887+70 to 888+15, from 12 feet RT of reference line to construction limits RT, from 0 feet to 4 feet below grade.
2. Station 888+15 to 888+90, from 12 feet RT of reference line to construction limits RT, from 7 feet below grade to the maximum depth of excavation.
3. Station 888+50 to 889+00, from 12 feet LT of reference line to construction limits LT, from 0 feet to maximum depth of excavation.
4. Station 889+00 to 889+25, from 12 feet LT of reference line to construction limits LT, from 0 feet to 4 feet below grade and 7 feet below grade to maximum depth of excavation.
5. Station 893+20 to 889+25, from 12 feet RT of reference line to construction limits RT, from 0 feet to 4 feet below grade.
6. Station 893+50 to 894+90, from 12 feet LT of reference line to construction limits LT, from 0 feet to 4 feet below grade.

If contaminated soils are encountered elsewhere on the project, terminate excavation activities in the area and notify the engineer.

For further information regarding previous investigation and remediation activities at these sites contact:

Name: Greer Lundquist, WisDOT Northcentral Region
Address: 510 Hanson Lake Road, Rhinelander, WI 54501
Phone: (715) 365-5758
Fax: (715) 499-7121
E-mail: Greeri.lundquist@dot.wi.gov

A.3 Coordination

Coordinate work under this contract with the environment consultant:

Consultant: GEI Consultants, Inc., Mr. Roger Miller or Mr. Michael DeBraske
Address: 3159 Voyager Drive, Green Bay, WI 54311
Phone: (920) 455-8657 / (920) 455-8655
Fax: (877) 984-3532
E-mail: rmiller@geiconsultants.com, mdebraske@geiconsultants.com

The role of the environmental consultant will be limited to:

1. Determining the location and limits of contaminated soil to be excavated based on soil analytical results from previous investigations, visual observations, and field screening of soil that is excavated;
2. Identifying contaminated soils to be hauled to the bioremediation facility or landfill;
3. Documenting that activities associated with management of contaminated soil are in conformance with the contaminated soil management methods for this project as specified herein; and
4. Obtaining the necessary approvals for disposal of contaminated soil from the bioremediation facility or landfill.

Provide at least a 14-calendar day notice of the preconstruction conference date to the environmental consultant. At the preconstruction conference, provide a schedule for all excavation activities in the areas of contamination to the environmental consultant. Also notify the environmental consultant at least three calendar days before beginning excavation activities in each of the contaminated areas.

Coordinate with the environmental consultant to ensure that the environmental consultant is present during excavation activities in the contaminated areas. Perform excavation work in each of the contaminated areas on a continuous basis until excavation work is completed.

Identify the DNR approved bioremediation facility or landfill that will be used for disposal of contaminated soils and provide this information to the environmental consultant no later than 30 calendar days before beginning excavation activities in the contaminated areas or at the preconstruction conference, whichever comes first. The environmental consultant will be responsible for obtaining the necessary approvals for disposal of contaminated soils from the bioremediation facility or landfill. Do not transport contaminated soil offsite without prior approval from the environmental consultant.

A.4 Health and Safety Requirements

Add the following to standard spec 107.1:

During excavation activities, expect to encounter soil contaminated with gasoline, diesel fuel, fuel oil, or other petroleum related products. Site workers taking part in activities that will result in the reasonable probability of exposure to safety and health hazards associated with hazardous materials shall have completed health and safety training that meets the Occupational Safety and Health Administration (OSHA) requirements for Hazardous Waste Operations and Emergency Response (HAZWOPER), as provided in 29 CFR 1910.120.

Prepare a site-specific Health and Safety Plan, and develop, delineate and enforce the health and safety exclusion zones for each contaminated site location as required by 29 CFR 1910.120. Submit the site-specific health and safety plan and written documentation of up-to-date OSHA training to the engineer before the start of work.

B (Vacant)

C Construction

Add the following to standard spec 205.3:

Control operations in the contaminated areas to minimize the quantity of contaminated soil excavated.

The environmental consultant will periodically evaluate soil excavated from the contaminated areas to determine if the soil will require offsite bioremediation. The environmental consultant will evaluate excavated soil based on field screening results, visual observations, and soil analytical results from previous environmental investigations. Assist the environmental consultant in collecting soil samples for evaluation using excavation equipment. The sampling frequency shall be a maximum of one sample for every 15 cubic yards excavated.

Directly load and haul soils designated by the environmental consultant for offsite bioremediation or landfilling to the DNR approved bioremediation facility or landfill. Use loading and hauling practices that are appropriate to prevent any spills or releases of petroleum-contaminated soils or residues. Before transport, sufficiently dewater soils designated for off-site bioremediation or landfilling so as not to contain free liquids.

D Measurement

The department will measure Excavation, Hauling, and Disposal of Petroleum Contaminated Soil in tons of contaminated soil, accepted by the bioremediation facility or landfill as documented by weight tickets generated by the bioremediation facility or landfill.

E Payment

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

ITEM NUMBER	DESCRIPTION	UNIT
205.0501.S	Excavation, Hauling, and Disposal of Petroleum Contaminated Soil	TON

Payment is full compensation for excavating, segregating, loading, hauling, and treatment via bioremediation, or landfilling of contaminated soil; obtaining solid waste collection and transportation service operating licenses; assisting in the collection soil samples for field evaluation; and dewatering of soils before transport, if necessary.

stp-205-003 (20230113)

21. 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)

22. 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 subplot 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 subplot. Testing in a previously accepted subplot 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 subplot 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)

23. Pipe Culverts.

Replace standard spec 520.3.3(5) with the following:

Provide joint ties at all joints of circular or horizontal elliptical concrete culvert pipes, including endwalls.

ncr-520-005 (20180319)

24. Concrete Sidewalk.

Replace standard spec 602.3.2.5(2) with the following:

Contraction joints shall be sawed at 6-foot intervals.

ncr-602-005 (20141015)

25. Storm Sewer.

Replace standard spec 608.3.3(5) with the following:

Provide joint ties at all joints on concrete storm sewer system infall and outfall pipes, including endwalls.

ncr-520-005b (20180319)

26. Insulation Board Polystyrene, 2-Inch, Item 612.0902.S.

A Description

This special provision describes furnishing and placing polystyrene insulation board as the plans show.

B Materials

Provide polystyrene insulation board that conforms to the requirements for Extruded Insulation Board, AASHTO Designation M230 as modified in this special provision.

Delete flammability requirement.

B.1 Certification

Before installation, obtain from the manufacturer a certification indicating compliance and furnish it to the engineer.

C (Vacant)

D Measurement

The department will measure Insulation Board Polystyrene, 2-Inch by area in square yards of work, completed and accepted.

E Payment

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

ITEM NUMBER	DESCRIPTION	UNIT
612.0902.S	Insulation Board Polystyrene, 2-Inch	SY

Payment is full compensation for all excavation; and for furnishing and placing the insulation board.

stp-612-005 (20030820)

27. 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)

28. Seeding.

Replace standard spec 630.3.3(1) with the following:

Sow seeds by method A only.

ncr-630-005 (20141015)

29. Field Facilities.

Add the following to standard spec 642.3:

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

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

ncr-642-005 (20160406)

30. Traffic Control.

Add the following to standard spec 643.3.1:

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

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

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

Add the following to standard spec 104.6.1.2.2:

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

ncr-643-005 (20190703)

31. 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:

Conversion Factor = 41 / New Percentage of Components

D Measurement

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

E Payment

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

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

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

ncr-629-005 (20141015)

32. Adjusting Water Valve Boxes, Item SPV.0060.01.

A Description

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

B (Vacant)

C Construction

Furnish and 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 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.0060.01	Adjusting Water Valve Boxes	EACH

Payment is full compensation for locating, exposing, and protecting water valve boxes; furnishing and 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 (20130520)

33. Adjusting Sanitary Sewer Manhole Covers, Item SPV.0060.02.

A Description

This special provision describes adjusting existing sanitary sewer manhole covers to finished elevation.

B Materials

Use materials conforming to standard spec 611.2.

C Construction

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

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

D Measurement

The department will measure Adjusting Sanitary Sewer Manhole Covers by 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.0060.02	Adjusting Sanitary Sewer Manhole Covers	EACH

Payment is full compensation for providing all required materials, exclusive of frames, grates, or lids; and for removing, reinstalling, and adjusting the covers, including removing and reinstalling the existing chimney seal. Replace covers rendered unusable by the contractor's operations.

34. Adjusting Fire Hydrants, Item SPV.0060.03.**A Description**

This special provision describes adjusting fire hydrants to the required finished elevation, as shown on the plans, as further directed by the Elcho Sanitary District No 1 in the field, and as provided for by these specifications.

B Materials

Utilize existing hydrant materials to the maximum extent possible. If additional materials are necessary, coordinate with the Elcho Sanitary District No 1 prior to installation to verify acceptable materials.

C Construction

The contractor is responsible throughout the duration of the project to ensure fire hydrants are located, are identified, and remain accessible to the Elcho Sanitary District No 1 staff.

Adjust fire hydrants located within the slope intercepts to the proposed finished grade elevation. Hydrant extensions shall be installed according to manufacturer's requirements. Hydrant extensions shall be pressurized and observed for leaks. Hydrant extension tab shall be affixed.

If the coatings on the hydrant body and/or hydrant extension(s) are damaged during construction, contractor shall clean all rust and other contamination from the hydrant body and/or hydrant extension(s) and apply two coats of touch up paint according to manufacturer's requirements.

Exercise caution in working adjacent to fire hydrant facilities to avoid damage to the fire hydrants and to ensure accessibility to the fire hydrants during construction.

Place "Out of Service" bags on hydrants that are not online.

D Measurement

The department will measure Adjusting Fire Hydrants by each individual unit, acceptably completed.

E Payment

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

ITEM NUMBER	DESCRIPTION	UNIT
SPV.0060.03	Adjusting Fire Hydrants	EACH

Payment is full compensation for all labor, materials, equipment, and incidentals necessary to complete the work.

35. Adjusting Water Service Curb Stops, Item SPV.0060.04.

A Description

This special provision describes locating, exposing, and protecting existing water curb stops after the pavement or sidewalk is removed; furnishing and installing water curb stop extensions if necessary; and adjusting the water curb stop to the finished elevation required.

B Materials

Utilize existing curb stop materials where the required extent of adjustment allows. If additional materials are necessary, coordinate with the Elcho Sanitary District No 1 to obtain required materials.

C Construction

Furnish and install water curb stop extensions to the existing water curb stop if necessary. Protect the water curb stop during construction. Clean out the water curb stop as necessary to assure the curb stop wrench will fit completely over the valve bolt. Adjust the curb stop to the required finished elevation.

D Measurement

The department will measure Adjusting Water Service Curb Stops by 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 Water Service Curb Stops	EACH

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

36. Catch Basins 7-FT Diameter, Item SPV.0060.05.

A Description

This special provision describes furnishing and installing Catch Basins 7-FT Diameter according to the requirements of standard spec 611, the details shown in the plans, and these specifications.

B Materials

Furnish materials that conform to the requirements of standard spec 611.2 and the following requirements:

- Catch basin diameter shall be 7 feet.

C Construction

Construct the catch basin according to standard spec 611.3.

D Measurement

The department will measure Catch Basins 7-FT Diameter by each structure, acceptably completed.

E Payment

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

ITEM NUMBER	DESCRIPTION	UNIT
SPV.0060.04	Catch Basins 7-FT Diameter	EACH

Payment is full compensation according to standard spec 611.5.2.

37. Temporary Storm Sewer Connection, Item SPV.0060.06.

A Description

This special provision describes furnishing, installing, and constructing temporary storm sewer connections between existing storm sewer pipe and proposed storm sewer pipe at locations shown on the plans to maintain drainage during staged construction.

B Materials

Furnish a temporary flexible pipe or precast concrete pipe conforming to standard spec 608.2 and/or standard spec 520.2 that will allow a temporary connection between existing storm sewer pipe and new storm sewer pipe, as shown in the plans. Select each temporary pipe's size, material, and bend so that a soil-tight joint can be constructed between the existing storm sewer pipe and the temporary pipe, as well as between the temporary pipe and the new storm sewer pipe.

Furnish joint-sealing materials conforming to standard spec 608.2 and/or standard spec 520.2.

C Construction

Construct connections according to standard spec 608.3, standard spec 520.3, and the following requirements:

- Saw the existing storm sewer pipe so that a connection can be made between the existing storm sewer pipe and the new storm sewer pipe at the locations shown on the plans.
- Install the flexible pipe or precast concrete pipe between the existing storm sewer pipe and the new storm sewer pipe.
- Construct a soil-tight joint between the existing storm sewer pipe and the temporary pipe, as well as between the temporary pipe and the new storm sewer pipe.

D Measurement

The department will measure Temporary Storm Sewer Connection by each 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.0060.06	Temporary Storm Sewer Connection	EACH

Payment is full compensation for sawing the existing pipe to the required location, furnishing and installing the temporary pipe, furnishing and installing the joint-sealing materials, excavation, backfilling, compaction, removal and disposal of the temporary connection, and all other items required for a complete installation and removal of the temporary connection.

38. Connecting To Existing Pipe, Item SPV.0060.07.

A Description

This special provision describes furnishing, installing, and constructing connections between a proposed storm sewer pipe and an existing storm sewer pipe, as well as between a proposed pipe underdrain and an existing storm sewer pipe, at the locations shown on the plans.

B Materials

Furnish joint-sealing materials conforming to standard spec 608.2.

C Construction

Construct connections according to standard spec 608.3 and the following requirements:

- Saw the existing storm sewer pipe so that a connection can be made between the existing storm sewer pipe and the new storm sewer pipe at the locations shown on the plans.

D Measurement

The department will measure Connecting to Existing Pipe by 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.0060.07	Connecting to Existing Pipe	EACH

Payment is full compensation for connecting to existing storm sewer pipe, including field verifying size, location, and elevation of existing storm sewer pipe; providing and installing all materials; excavating; backfilling; compaction; and all other items required for a complete connection.

39. Inlet Covers Type Driveway Special, Item SPV.0060.08

A Description

This special provision describes Inlet Covers Type Driveway Special conforming to standard spec 611 and as shown on the plans and as herein provided.

B Materials

Use materials conforming to standard spec 611.2.

C Construction

Use construction methods conforming to standard spec 611.3.

D Measurement

The department will measure Inlet Covers Type Driveway Special by the unit, acceptably completed.

E Payment

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

ITEM NUMBER	DESCRIPTION	UNIT
SPV.0060.08	Inlet Covers Type Driveway Special	EACH

Payment is full compensation for removing and salvaging the existing covers; and for providing new covers, including frames, grates or lids, and other required materials and for installing and adjusting each cover.

40. Remove and Salvage Flashing Beacon Assembly STA 894+95 RT, Item SPV.0060.09; Remove and Salvage Flashing Beacon Assembly STA 901+87 LT, Item SPV.0060.10.

A Description

This work shall consist of removing and salvaging the existing flashing beacon assemblies along USH 45 to the Elcho School District. The Elcho School District will reinstall, operate and maintain the existing flashing beacon assemblies at a temporary location during construction and reinstall to permanent location at the completion of construction.

B (Vacant)

C Construction

Notify the Elcho School District at least ten working days prior to the desired starting date for the removal and salvaging of the flashing beacons. Coordinate the temporary location for the school district to reinstall during construction to not interfere with the construction or staging. Coordinate the permanent location for the school district to reinstall at the completion of construction to not interfere with the proposed improvements or signs.

D Measurement

The department will measure Remove and Salvage Flashing Beacon Assembly bid item as EACH individual removal, acceptably completed.

E Payment

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

ITEM NUMBER	DESCRIPTION	UNIT
SPV.0060.09	Remove and Salvage Flashing Beacon Assembly STA 894+95 RT	EACH
SPV.0060.09	Remove and Salvage Flashing Beacon Assembly STA 901+87 LT	EACH

Payment is full compensation for coordinating work efforts, disassembly and removal, salvaging, transporting and moving the existing assembly, signs, wire, conduit, solar panels, battery and all associated hardware to temporary and permanent locations. Payment also includes removal of existing bases, excavating, backfilling and restoring the ground to adjacent surface.

41. Remove Existing Casting, Item SPV.0060.11.

A Description

This special provision describes removing existing castings at the locations shown on the plans.

B (Vacant)

C (Vacant)

D Measurement

The department will measure Remove Existing Casting by each removal, acceptably completed.

E Payment

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

ITEM NUMBER	DESCRIPTION	UNIT
SPV.0060.11	Remove Existing Casting	EACH

Payment is full compensation for removing and disposing of existing castings including excavating, and all other items required.

42. Shuttle Service, Item SPV.0060.12.

A Description

This special provision describes providing a shuttle service for pedestrians when the sidewalk is out of service for use by pedestrians between Cole Street and Bluebird Alley.

The shuttle service is intended only for pedestrians originating in an area near the USH 45 work zone who are impeded by the sidewalk closure shown in the plan between Cole Street and Bluebird Alley during stage 2 and 3.

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.

- Cole Street
- County K
- Rummel Street
- Owano Street
- Elcho Street
- Enterprise Lake Road
- Bluebird Lane
- Bluebird Alley

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 USH 45 between Cole Street and Bluebird Alley. 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 Cole Street and Bluebird Alley.

Document all trips requested and taken during the shuttle service period. Provide reporting to the department including dates, times, 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.0060.12	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 during stage 2 and stage 3, signage, record keeping, and all reporting.

43. Utility Line Opening, Item SPV.0060.13.

A Description

This special provision describes excavating to uncover utilities for the purpose of determining Elevation and potential conflicts with proposed work, as shown on the plans or as directed by the engineer.

B (Vacant)

C Construction

Perform the excavation according to Wisconsin State Statue 182.0175.

Perform the utility line openings as soon as possible, before ordering precast structures, and at least 10 days in advance of proposed utility construction to allow any conflicts to be resolved with minimal disruption. Allow the engineer a minimum of three working days once utility line opening information is received to review all relevant design information.

Coordinate and approve all utility line openings with the engineer. Notify the utilities a minimum of 3 days before the work so they may be present.

Backfill the excavation with suitable backfill material, and thoroughly compact.

D Measurement

The department will measure Utility Line Opening as each individual utility line opening, acceptably completed. Utility line openings include a trench up to 10-feet long as measured at the trench bottom, and of any width and depth required to locate the intended utility. Where utilities are within 6 feet of each other at a potential conflict location, only one utility line opening will be measured.

E Payment

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

ITEM NUMBER	DESCRIPTION	UNIT
SPV.0060.13	Utility Line Opening	EACH

Payment is full compensation for the excavation required to expose the utility line; backfilling with existing material removed from the excavation; compacting the backfill material; restoring the site; and cleanup.

44. Ditch Cleaning, Item SPV.0090.01.

A Description

This special provision describes grading, shaping, and finishing the ditch along the LT side of USH 45 to promote drainage.

B Materials

Furnish any necessary materials conforming to standard spec 200 and standard spec 625.2.

C Construction

Conform to standard spec 200 and the following requirements:

- Grade and shape ditch grades and slopes at the locations shown on the plans to get the ditch along the LT side of USH 45 to drain. As necessary, haul material to or from the project site according to the standard specifications.
- Place topsoil over disturbed areas according to standard spec 625.3. As necessary, haul topsoil to or from the project site according to the standard specifications.
- Complete finishing operations, which include seed, fertilizer, erosion mat, mulch, and any other permanent erosion control measures required, according with the requirements of the standard specifications and these special provisions.

D Measurement

The department will measure Ditch Cleaning by the linear foot, acceptably completed.

E Payment

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

ITEM NUMBER	DESCRIPTION	UNIT
SPV.0090.01	Ditch Cleaning	LF

Payment is full compensation for furnishing necessary materials, disposing of surplus materials, grading, shaping, and all other items required to get the ditch to drain as described.

Topsoil and all finishing items will be measured and paid for separately under the appropriate bid items.

45. Management of Contaminated Groundwater, Item SPV.0120.01.

A Description

The department completed testing for groundwater contamination within this project where excavation is required. Testing indicated that petroleum-contaminated groundwater is present or likely to be present at the following locations as shown on the plans:

1. Station 888+15 to 888+90, from construction limits LT to construction limits RT, at a depth of approximately 8 feet below grade.
2. Station 888+90 to 889+70, from 12 feet LT of reference line to construction limits LT, at a depth of approximately 8 feet below grade.
3. Station 893+20 to 893+70, from 12 feet RT of reference line to construction limits RT, at a depth of approximately 8 feet below grade.

Testing indicated that chlorinated solvent-contaminated groundwater is present or likely to be present at the following locations on the plans:

4. Station 890+65 to 891+65, from reference line to construction limits LT, at a depth of approximately 8 feet below grade.

If odors are observed during dewatering activities at other locations on the project, terminate dewatering activities and notify the engineer.

B (Vacant)

C Construction

Supplement standard spec 205.3 with the following:

Control activities in the contaminated areas to minimize the amount of dewatering required. Allow contaminated water encountered, but not requiring removal as a standard course of construction, to remain in-place and do not manage according to this special provision. Pump contaminated water into the sanitary sewer or into temporary holding tanks for on-site or offsite treatment and disposal as necessary to complete construction. Make every effort to minimize the amount of silt, sand, sediment, and other deleterious substances discharged during dewatering operations.

Obtain approval from the Elcho Sanitary District (ESD) prior to discharge of contaminated water to the sanitary sewer. If accepted by ESD, restrictions will likely be placed on contaminated water concentrations and/or pumping rates. Perform all necessary monitoring to document compliance with ESD discharge requirements. Furnish, install, operate, maintain, disassemble, and remove all equipment necessary to comply with ESD discharge requirements.

If contaminated water is not discharged to the sanitary sewer, then means and methods together with dewatering pumping rates will impact characterization of discharge water and requirements for treatment and disposal. The DNR's concurrence with plans to accomplish dewatering will be required and include limits on impacted water that can be discharged to the surface. Pump tests with sampling and laboratory analysis of water generated during dewatering operations in the contaminated areas will likely be required. If water is discharged to the surface, meet all applicable requirements of the Wisconsin Pollution Discharge Elimination System (WPDES) General Permit for Discharge of Petroleum Contaminated Ground Water from Remedial Action Operations. This includes, but is not limited to, pretreatment of water, if required, to meet WPDES discharge requirements. Furnish, install, operate, maintain, disassemble, and remove treatment equipment necessary to comply with WPDES requirements.

Ensure continuous dewatering and excavation safety at all times for all dewatering methods. Provide, operate, and maintain adequate pumping equipment and drainage and disposal facilities. Notify the engineer of any dewatering activities, obtain any permits necessary to discharge water. Provide copies of such permits to the engineer. Meet any requirements and pay any costs for obtaining and complying with such permit use. Follow all applicable legislative statutes, judiciary decisions, and regulations of the State of Wisconsin.

D Measurement

The department will measure Management of Contaminated Groundwater by the gallons of contaminated water pumped, as measured on a flow meter provided by the contractor. The meter shall be accurate to within 2 percent.

E Payment

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

ITEM NUMBER	DESCRIPTION	UNIT
SPV.0120.01	Management of Contaminated Groundwater	MGAL

Payment is full compensation for furnishing all labor, tools, equipment, and incidentals necessary to complete the work.

46. Trimming Trees, Item SPV.0170.01.

A Description

This special provision describes the trimming of existing trees overhanging the stage 1 roadway widening in the WisDOT right-of-way or within temporary easements.

B (Vacant)

C Construction

Conform to Standard spec 201 and time restrictions for Tree Clearing. In addition, trim low hanging branches for the stage 1 roadway widening within the WisDOT right-of-way or temporary easements to an approximate elevation of 20 feet above existing grade for the designated trees in the plans.

D Measurement

The department will measure Trimming Trees by the full 100-foot survey station, acceptably completed, measured along the roadway centerline with each full 100-foot station starting and ending at a station evenly divisible by 100.

E Payment

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

ITEM NUMBER	DESCRIPTION	UNIT
SPV.0170.01	Trimming Trees	STA

Payment is full compensation for furnishing all tree trimming required under this section and performed within the trees designated on the plans; handling, hauling, piling, trimming, chipping, wound treatment, re-handling, and disposing of waste and debris at an off-site location.

47. 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 3 inches in diameter are not present within 1 foot of the finished surface of the topsoil.

Remove or break down all clods and lumps in the topsoil by using harrows or discs, screening, or other appropriate methods to provide a uniformly textured soil, in which 100 percent of the topsoil passes a 1-inch sieve and at least 90 percent passes a No. 10 sieve.

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

Shape the topsoil so that the horizontal or sloped surface between any two points ten feet apart does not vary by more than 1 inch. Roll with a turf type roller to a uniform minimum compacted depth of 4 inches.

Shape and compact the topsoil adjacent to pavements, sidewalks, and curbs to 1 inch below the top of the abutting surface. Before seeding, correct locations that vary by more than 1/4-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)

48. Salvaged Asphaltic Pavement Base, Item SPV.0195.01.

A Description

This special provision describes recovering existing asphaltic pavement or surfacing, from locations the contract or the engineer specifies, hauling and stockpiling that salvaged material, and constructing a dense graded aggregate base using that salvaged material.

B Materials

Furnish salvaged material with 100 percent passing a 1 1/4-inch sieve for use in dense graded aggregate base.

C Construction

C.1 Salvaging

Haul the salvaged material from the grade. Stockpile the salvaged material at a location the contract specifies or where it will minimize the hauling required to place the material as a dense graded aggregate base. Prepare the stockpile foundation to minimize contamination of the salvaged material. Ensure that the stockpile foundation is free of clods, lumps, or stones larger than 2-inch in any dimension.

C.1.1 Full-Depth Salvaging

Remove the existing asphaltic pavement or surfacing full-depth without incorporating or damaging the underlying materials. The engineer may suspend the work if excessive amounts of underlying or shoulder materials are included in the removal.

C.2 Constructing Dense Graded Aggregate Base

Process stockpiled material as necessary to conform to Section B of this special provision and place material as the plans or special provisions specify. Construct the base conforming to standard spec 305.3.

Unless the contract specifies otherwise, material recovered from within the project limits in excess of that subsequently incorporated in the work as a dense graded aggregate base becomes the contractor's property.

D Measurement

The department will measure Salvaged Asphaltic Pavement Base by the ton, acceptably completed.

The department will determine weight or volume, adjust for moisture, and convert between weight and volume as specified in standard spec 301.4. The department may deduct for contaminated aggregate or unrecovered aggregate deposited outside the outer shoulder limits.

The department will make no deductions from the volume measured under the Excavation bid items for pavement removed full-depth under the Salvaged Asphaltic Pavement Base bid item.

E Payment

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

ITEM NUMBER	DESCRIPTION	UNIT
SPV.0195.01	Salvaged Asphaltic Pavement Base	TON

Payment is full compensation for full-depth salvaging; for hauling and stockpiling the salvaged material; for processing to size; for preparing the foundation; and for placing, compacting, shaping, and maintaining the base. The department will pay for compaction water as specified in standard spec 301.5.

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 HTPC-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).



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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
0002	201.0105 Clearing	2.000 STA	_____.	_____.
0004	201.0205 Grubbing	2.000 STA	_____.	_____.
0006	203.0100 Removing Small Pipe Culverts	1.000 EACH	_____.	_____.
0008	204.0100 Removing Concrete Pavement	17,236.000 SY	_____.	_____.
0010	204.0110 Removing Asphaltic Surface	1,961.000 SY	_____.	_____.
0012	204.0150 Removing Curb & Gutter	5,120.000 LF	_____.	_____.
0014	204.0155 Removing Concrete Sidewalk	1,476.000 SY	_____.	_____.
0016	204.0210 Removing Manholes	1.000 EACH	_____.	_____.
0018	204.0220 Removing Inlets	15.000 EACH	_____.	_____.
0020	204.0245 Removing Storm Sewer (size) 01. 8-Inch	70.000 LF	_____.	_____.
0022	204.0245 Removing Storm Sewer (size) 02. 10-Inch	10.000 LF	_____.	_____.
0024	204.0245 Removing Storm Sewer (size) 03. 12-Inch	340.000 LF	_____.	_____.
0026	204.0245 Removing Storm Sewer (size) 04. 18-Inch	2,120.000 LF	_____.	_____.
0028	205.0100 Excavation Common	15,122.000 CY	_____.	_____.
0030	205.0501.S Excavation, Hauling, and Disposal of Petroleum Contaminated Soil	1,500.000 TON	_____.	_____.



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Contract Items

Alt Set ID:

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Proposal Line Number	Item ID Description	Approximate Quantity and Units	Unit Price	Bid Amount
0032	213.0100 Finishing Roadway (project) 01. 1602-10-71	1.000 EACH	_____.	_____.
0034	305.0110 Base Aggregate Dense 3/4-Inch	407.000 TON	_____.	_____.
0036	305.0120 Base Aggregate Dense 1 1/4-Inch	14,813.000 TON	_____.	_____.
0038	450.4000 HMA Cold Weather Paving	2,450.000 TON	_____.	_____.
0040	455.0605 Tack Coat	1,888.000 GAL	_____.	_____.
0042	460.2000 Incentive Density HMA Pavement	3,560.000 DOL	1.00000	3,560.00
0044	460.6223 HMA Pavement 3 MT 58-28 S	4,000.000 TON	_____.	_____.
0046	460.6444 HMA Pavement 4 MT 58-34 H	1,555.000 TON	_____.	_____.
0048	465.0120 Asphaltic Surface Driveways and Field Entrances	73.000 TON	_____.	_____.
0050	465.0125 Asphaltic Surface Temporary	815.000 TON	_____.	_____.
0052	465.0315 Asphaltic Flumes	25.000 SY	_____.	_____.
0054	520.8000 Concrete Collars for Pipe	2.000 EACH	_____.	_____.
0056	522.0436 Culvert Pipe Reinforced Concrete Class IV 36-Inch	40.000 LF	_____.	_____.
0058	522.1018 Apron Endwalls for Culvert Pipe Reinforced Concrete 18-Inch	1.000 EACH	_____.	_____.
0060	522.1024 Apron Endwalls for Culvert Pipe Reinforced Concrete 24-Inch	1.000 EACH	_____.	_____.



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Proposal Line Number	Item ID Description	Approximate Quantity and Units	Unit Price	Bid Amount
0062	522.1036 Apron Endwalls for Culvert Pipe Reinforced Concrete 36-Inch	3.000 EACH	_____.	_____.
0064	601.0411 Concrete Curb & Gutter 30-Inch Type D	6,220.000 LF	_____.	_____.
0066	601.0557 Concrete Curb & Gutter 6-Inch Sloped 36-Inch Type D	79.000 LF	_____.	_____.
0068	601.0600 Concrete Curb Pedestrian	79.000 LF	_____.	_____.
0070	602.0405 Concrete Sidewalk 4-Inch	18,923.000 SF	_____.	_____.
0072	602.0505 Curb Ramp Detectable Warning Field Yellow	280.000 SF	_____.	_____.
0074	602.0605 Curb Ramp Detectable Warning Field Radial Yellow	22.000 SF	_____.	_____.
0076	602.0810 Concrete Driveway 6-Inch	1,224.000 SY	_____.	_____.
0078	606.0200 Riprap Medium	39.000 CY	_____.	_____.
0080	608.0312 Storm Sewer Pipe Reinforced Concrete Class III 12-Inch	70.000 LF	_____.	_____.
0082	608.0324 Storm Sewer Pipe Reinforced Concrete Class III 24-Inch	546.000 LF	_____.	_____.
0084	608.0412 Storm Sewer Pipe Reinforced Concrete Class IV 12-Inch	685.000 LF	_____.	_____.
0086	608.0415 Storm Sewer Pipe Reinforced Concrete Class IV 15-Inch	494.000 LF	_____.	_____.
0088	608.0418 Storm Sewer Pipe Reinforced Concrete Class IV 18-Inch	370.000 LF	_____.	_____.



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Proposal Line Number	Item ID Description	Approximate Quantity and Units	Unit Price	Bid Amount
0090	608.0424 Storm Sewer Pipe Reinforced Concrete Class IV 24-Inch	209.000 LF	_____.	_____.
0092	608.0427 Storm Sewer Pipe Reinforced Concrete Class IV 27-Inch	123.000 LF	_____.	_____.
0094	608.0430 Storm Sewer Pipe Reinforced Concrete Class IV 30-Inch	210.000 LF	_____.	_____.
0096	608.0436 Storm Sewer Pipe Reinforced Concrete Class IV 36-Inch	1,138.000 LF	_____.	_____.
0098	608.6008 Storm Sewer Pipe Composite 8-Inch	7.000 LF	_____.	_____.
0100	608.6012 Storm Sewer Pipe Composite 12-Inch	102.000 LF	_____.	_____.
0102	611.0430 Reconstructing Inlets	7.000 EACH	_____.	_____.
0104	611.0530 Manhole Covers Type J	5.000 EACH	_____.	_____.
0106	611.0624 Inlet Covers Type H	43.000 EACH	_____.	_____.
0108	611.0639 Inlet Covers Type H-S	6.000 EACH	_____.	_____.
0110	611.0642 Inlet Covers Type MS	1.000 EACH	_____.	_____.
0112	611.0654 Inlet Covers Type V	8.000 EACH	_____.	_____.
0114	611.1004 Catch Basins 4-FT Diameter	13.000 EACH	_____.	_____.
0116	611.1005 Catch Basins 5-FT Diameter	11.000 EACH	_____.	_____.
0118	611.1006 Catch Basins 6-FT Diameter	2.000 EACH	_____.	_____.



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Contract Items

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Proposal Line Number	Item ID Description	Approximate Quantity and Units	Unit Price	Bid Amount
0120	611.1230 Catch Basins 2x3-FT	26.000 EACH	_____.	_____.
0122	611.2003 Manholes 3-FT Diameter	1.000 EACH	_____.	_____.
0124	611.2004 Manholes 4-FT Diameter	1.000 EACH	_____.	_____.
0126	611.2005 Manholes 5-FT Diameter	1.000 EACH	_____.	_____.
0128	611.2006 Manholes 6-FT Diameter	2.000 EACH	_____.	_____.
0130	611.3220 Inlets 2x2-FT	1.000 EACH	_____.	_____.
0132	611.3901 Inlets Median 1 Grate	1.000 EACH	_____.	_____.
0134	612.0106 Pipe Underdrain 6-Inch	102.000 LF	_____.	_____.
0136	612.0902.S Insulation Board Polystyrene (inch) 2-Inch	40.000 SY	_____.	_____.
0138	618.0100 Maintenance and Repair of Haul Roads (project) 01. 1602-10-71	1.000 EACH	_____.	_____.
0140	619.1000 Mobilization	1.000 EACH	_____.	_____.
0142	624.0100 Water	216.000 MGAL	_____.	_____.
0144	625.0100 Topsoil	8,165.000 SY	_____.	_____.
0146	628.1504 Silt Fence	1,600.000 LF	_____.	_____.
0148	628.1520 Silt Fence Maintenance	1,600.000 LF	_____.	_____.



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Contract Items

Alt Set ID:

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Proposal Line Number	Item ID Description	Approximate Quantity and Units	Unit Price	Bid Amount
0150	628.1905 Mobilizations Erosion Control	6.000 EACH	_____.	_____.
0152	628.1910 Mobilizations Emergency Erosion Control	3.000 EACH	_____.	_____.
0154	628.2006 Erosion Mat Urban Class I Type A	7,515.000 SY	_____.	_____.
0156	628.2008 Erosion Mat Urban Class I Type B	650.000 SY	_____.	_____.
0158	628.7005 Inlet Protection Type A	57.000 EACH	_____.	_____.
0160	628.7010 Inlet Protection Type B	8.000 EACH	_____.	_____.
0162	628.7015 Inlet Protection Type C	65.000 EACH	_____.	_____.
0164	628.7504 Temporary Ditch Checks	220.000 LF	_____.	_____.
0166	628.7555 Culvert Pipe Checks	36.000 EACH	_____.	_____.
0168	628.7560 Tracking Pads	8.000 EACH	_____.	_____.
0170	628.7570 Rock Bags	50.000 EACH	_____.	_____.
0172	630.0140 Seeding Mixture No. 40	149.000 LB	_____.	_____.
0174	630.0200 Seeding Temporary	40.000 LB	_____.	_____.
0176	630.0500 Seed Water	92.000 MGAL	_____.	_____.
0178	633.5200 Markers Culvert End	5.000 EACH	_____.	_____.
0180	634.0614 Posts Wood 4x6-Inch X 14-FT	32.000 EACH	_____.	_____.



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Contract Items

Alt Set ID:

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Proposal Line Number	Item ID Description	Approximate Quantity and Units	Unit Price	Bid Amount
0182	634.0616 Posts Wood 4x6-Inch X 16-FT	25.000 EACH	_____.	_____.
0184	634.0618 Posts Wood 4x6-Inch X 18-FT	4.000 EACH	_____.	_____.
0186	634.0814 Posts Tubular Steel 2x2-Inch X 14-FT	4.000 EACH	_____.	_____.
0188	637.2210 Signs Type II Reflective H	234.480 SF	_____.	_____.
0190	637.2220 Signs Type II Reflective SH	13.260 SF	_____.	_____.
0192	637.2230 Signs Type II Reflective F	55.260 SF	_____.	_____.
0194	638.2102 Moving Signs Type II	20.000 EACH	_____.	_____.
0196	638.2602 Removing Signs Type II	87.000 EACH	_____.	_____.
0198	638.3000 Removing Small Sign Supports	74.000 EACH	_____.	_____.
0200	638.4000 Moving Small Sign Supports	20.000 EACH	_____.	_____.
0202	642.5201 Field Office Type C	1.000 EACH	_____.	_____.
0204	643.0300 Traffic Control Drums	42,100.000 DAY	_____.	_____.
0206	643.0420 Traffic Control Barricades Type III	4,880.000 DAY	_____.	_____.
0208	643.0705 Traffic Control Warning Lights Type A	7,710.000 DAY	_____.	_____.
0210	643.0715 Traffic Control Warning Lights Type C	8,100.000 DAY	_____.	_____.
0212	643.0900 Traffic Control Signs	12,585.000 DAY	_____.	_____.



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Contract Items

Alt Set ID:

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Proposal Line Number	Item ID Description	Approximate Quantity and Units	Unit Price	Bid Amount
0214	643.1000 Traffic Control Signs Fixed Message	36.000 SF	_____.	_____.
0216	643.3165 Temporary Marking Line Paint 6-Inch	16,039.000 LF	_____.	_____.
0218	643.3180 Temporary Marking Line Removable Tape 6-Inch	15,231.000 LF	_____.	_____.
0220	643.5000 Traffic Control	1.000 EACH	_____.	_____.
0222	644.1410 Temporary Pedestrian Surface Asphalt	1,930.000 SF	_____.	_____.
0224	644.1440 Temporary Pedestrian Surface Matting	1,100.000 SF	_____.	_____.
0226	644.1601 Temporary Pedestrian Curb Ramp	485.000 DAY	_____.	_____.
0228	644.1605 Temporary Pedestrian Detectable Warning Field	110.000 SF	_____.	_____.
0230	644.1810 Temporary Pedestrian Barricade	1,850.000 LF	_____.	_____.
0232	645.0120 Geotextile Type HR	119.000 SY	_____.	_____.
0234	646.2020 Marking Line Epoxy 6-Inch	12,659.000 LF	_____.	_____.
0236	646.6120 Marking Stop Line Epoxy 18-Inch	20.000 LF	_____.	_____.
0238	646.6466 Cold Weather Marking Epoxy 6-Inch	3,500.000 LF	_____.	_____.
0240	646.7420 Marking Crosswalk Epoxy Transverse Line 6-Inch	730.000 LF	_____.	_____.
0242	646.7520 Marking Crosswalk Epoxy Block Style 24-Inch	64.000 LF	_____.	_____.



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Contract Items

Alt Set ID:

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Proposal Line Number	Item ID Description	Approximate Quantity and Units	Unit Price	Bid Amount
0244	646.9000 Marking Removal Line 4-Inch	1,670.000 LF	_____.	_____.
0246	650.4000 Construction Staking Storm Sewer	65.000 EACH	_____.	_____.
0248	650.4500 Construction Staking Subgrade	10,873.000 LF	_____.	_____.
0250	650.5000 Construction Staking Base	10,873.000 LF	_____.	_____.
0252	650.5500 Construction Staking Curb Gutter and Curb & Gutter	6,299.000 LF	_____.	_____.
0254	650.6000 Construction Staking Pipe Culverts	1.000 EACH	_____.	_____.
0256	650.8501 Construction Staking Electrical Installations (project) 01. 1602-10-71	1.000 EACH	_____.	_____.
0258	650.9000 Construction Staking Curb Ramps	33.000 EACH	_____.	_____.
0260	650.9500 Construction Staking Sidewalk (project) 01. 1602-10-71	1.000 EACH	_____.	_____.
0262	650.9911 Construction Staking Supplemental Control (project) 01. 1602-10-71	1.000 EACH	_____.	_____.
0264	650.9920 Construction Staking Slope Stakes	10,164.000 LF	_____.	_____.
0266	652.0335 Conduit Rigid Nonmetallic Schedule 80 3-Inch	179.000 LF	_____.	_____.
0268	653.0154 Pull Boxes Non-Conductive 24x36-Inch	5.000 EACH	_____.	_____.
0270	690.0150 Sawing Asphalt	5,275.000 LF	_____.	_____.
0272	690.0250 Sawing Concrete	6,585.000 LF	_____.	_____.



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Contract Items

Alt Set ID:

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Proposal Line Number	Item ID Description	Approximate Quantity and Units	Unit Price	Bid Amount
0274	740.0440 Incentive IRI Ride	2,570.000 DOL	1.00000	2,570.00
0276	SPV.0030 Special 01. Fertilizer For Lawn Type Turf	4.800 CWT	_____.	_____.
0278	SPV.0060 Special 01. Adjusting Water Valve Boxes	14.000 EACH	_____.	_____.
0280	SPV.0060 Special 02. Adjusting Sanitary Sewer Manhole Covers	10.000 EACH	_____.	_____.
0282	SPV.0060 Special 03. Adjusting Fire Hydrants	1.000 EACH	_____.	_____.
0284	SPV.0060 Special 04. Adjusting Water Service Curb Stops	10.000 EACH	_____.	_____.
0286	SPV.0060 Special 05. Catch Basins 7-FT Diameter	1.000 EACH	_____.	_____.
0288	SPV.0060 Special 06. Temporary Storm Sewer Connection	8.000 EACH	_____.	_____.
0290	SPV.0060 Special 07. Connecting To Existing Pipe	4.000 EACH	_____.	_____.
0292	SPV.0060 Special 08. Inlet Covers Type Driveway Special	4.000 EACH	_____.	_____.
0294	SPV.0060 Special 09. Remove and Salvage Flashing Beacon Assembly STA 894+95 RT	1.000 EACH	_____.	_____.
0296	SPV.0060 Special 10. Remove and Salvage Flashing Beacon Assembly STA 901+87 LT	1.000 EACH	_____.	_____.
0298	SPV.0060 Special 11. Removing Existing Casting	7.000 EACH	_____.	_____.
0300	SPV.0060 Special 12. Shuttle Service	1.000 EACH	_____.	_____.



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Alt Set ID:

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Proposal Line Number	Item ID Description	Approximate Quantity and Units	Unit Price	Bid Amount
0302	SPV.0060 Special 13. Utility Line Opening	8.000 EACH	_____.	_____.
0304	SPV.0090 Special 01. Ditch Cleaning	200.000 LF	_____.	_____.
0306	SPV.0120 Special 01. Management Of Contaminated Ground Water	10.000 MGAL	_____.	_____.
0308	SPV.0170 Special 01. Trimming Trees	3.000 STA	_____.	_____.
0310	SPV.0180 Special 01. Preparing Topsoil For Lawn Type Turf	7,295.000 SY	_____.	_____.
0312	SPV.0195 Special 01. Salvaged Asphaltic Pavement Base	4,144.000 TON	_____.	_____.
Section: 0001			Total:	_____.
			Total Bid:	_____.

PLEASE ATTACH ADDENDA HERE