

HIGHWAY WORK PROPOSAL

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

Proposal Number: **006**

<u>STATE ID</u>	<u>FEDERAL ID</u>	<u>PROJECT DESCRIPTION</u>	<u>HIGHWAY</u>	<u>COUNTY</u>
3170-11-70	N/A	Delavan - Lake Geneva, Lake Lawn to STH 67	STH 050	Walworth

ADDENDUM REQUIRED ATTACHED AT BACK

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

Proposal Guaranty Required: \$75,000.00 Payable to: Wisconsin Department of Transportation	Attach Proposal Guaranty on back of this PAGE.
Bid Submittal Date: June 10, 2025 Time (Local Time): 11:00 am	Firm Name, Address, City, State, Zip Code
Contract Completion Time 45 Working Days	SAMPLE NOT FOR BIDDING PURPOSES
Assigned Disadvantaged Business Enterprise Goal 0%	This contract is exempt from federal oversight.

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

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

Subscribed and sworn to before me this date _____

(Signature, Notary Public, State of Wisconsin)

(Bidder Signature)

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

(Print or Type Bidder Name)

(Date Commission Expires)

(Bidder Title)

Notary Seal

Type of Work: Removals, Milling, Grading, Aggregate, Concrete Pavement, Asphalt Pavement, Culvert Pipe, Curb and Gutter, Concrete Sidewalk, Storm Sewer, Beam Guard, Erosion Control, Permanent Signing, Traffic Control, Pavement Marking, Lighting, Traffic Signals, Restoration.	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 Express™ web site.
 2. Use Expedite™ software to enter a unit price for every item in the schedule of items.
 3. Submit the bid according to the requirements of Expedite™ software and the Bid Express™ web site. Do not submit a bid on a printout with accompanying diskette or CD ROM or a paper bid. If the bidder does submit a bid on a printout with accompanying diskette or a paper bid in addition to the internet submittal, the department will disregard the internet bid.
 4. Submit the bid before the hour and date the Notice to Contractors designates.
 5. Do not sign, notarize, and return the bidding proposal described in 102.2 of the standard specifications.
- (3) The department will not consider the bid accepted until the hour and date the Notice to Contractors designates.

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

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

Bidder Name

BN00

Proposals: 1, 12, 14, & 22

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

- (5) In addition to the reasons specified in section 102 of the standard specifications, proposals are irregular and the department may reject them for one or more of the following:
1. The check code printed on the bottom of the printout of the 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.

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SPECIAL PROVISIONS

1. General.

Perform the work under this construction contract for Project 3170-11-70, Delavan – Lake Geneva, Lake Lawn to STH 67, STH 50, Walworth 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, 2025 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 (20250108)

2. Scope of Work.

The work under this contract shall consist of excavation common, base aggregate dense, milling asphaltic surface, HMA pavement, concrete curb and gutter, concrete sidewalk, culverts, beam guard, pavement marking, signing and all incidental items necessary to complete the work as shown on the plans and included in the proposal and contract.

104-005 (20090901)

3. Prosecution and Progress.

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

Provide the time frame for construction of the project within the 2025 construction season to the engineer in writing within a month after executing the contract but at least 14 calendar days before the preconstruction conference. Assure that the time frame is consistent with the contract completion time. Upon approval, the engineer will issue the notice to proceed within ten calendar days before the beginning of the approved time frame.

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

Attend weekly scheduling meetings to discuss the near-term schedule activities, address any long-term schedule issues, and discuss any relevant technical issues. Develop a rolling three-week schedule identifying the previous week worked and a two week "look ahead". Provide sufficient detail to include actual and planned activities and all the subcontractors for offsite and construction activities, addressing all activities to be performed and identifying issues requiring engineering action or input. Subcontractors shall attend the weekly progress meetings if identified on the two week "look ahead".

Complete removing asphaltic surface milling prior to performing base patching and asphaltic repairs.

Base patching and asphalt repairs should be complete at the end of each day, so the pavement is flush and no trenches or holes remain open during non-working hours.

Advanced Notifications

Notify area first responders (police, fire, EMS), Walworth County Sheriff's Department, area school districts, garbage/recycling pick-up companies, and the post office two weeks in advance of roadway closures.

Sequence of Operations

Stage 1

Close STH 50 to through traffic and detour traffic. Work includes removing and replacing the beam guard, ditch regrading, asphaltic repairs, curb and gutter, milling and HMA paving.

Work on STH 67 will be completed in the following stages:

Stage 1A

Work includes temporary signals, base aggregate dense, sidewalk, curb and gutter, and landscaping on the outside.

Stage 1B

Work includes temporary signals modifications, installing a concrete median with curb and gutter, sidewalk, and milling/paving HMA in the inside lanes.

Stage 1C

Work includes temporary signals modifications, milling/paving HMA pavement in the outside lanes, signing, marking, and permanent signals.

Perform all work as shown in the traffic staging plans unless approved by the engineer. Complete all work shown in each stage before moving to the next stage.

Interim Completion and Liquidated Damages – STH 67: 30 Calendar Days

At the beginning of stage 1A for work on STH 67, complete the work on STH 67 with lanes closures for a maximum of 30 working days. Complete the work required for each stage before moving to the next stage.

If the contractor fails to open all lanes of STH 67 to traffic within 30 working days of the initial lane closure, the department will assess the contractor \$1,000 in interim liquidated damages for each working day the contract work remains incomplete beyond 30 working days. An entire working day will be charged for any period of time within a working day that lane closures remain closed beyond 12:01 AM.

Temporary Wetland Impacts

Perform grubbing, storm sewer and culvert pipe maintenance, ditch grading operations, and final landscaping that impact wetlands within 14 calendar days from the start of work to final landscaping at each location.

Station 181+50 – 183+50 right
Station 185+75 – 190+25 right
Station 197+25 – 198+00 right
Station 201+25 – 201+75 right
Station 212+75 – 213+75 right
Station 216+75 – 217+25 right
Station 315+50 – 315+75 right

In Stream Work Restrictions

There shall be no instream disturbance of the unnamed tributary at Station 272+80 and Jackson Creek at Station 207+40 as a result of construction activity under or for this contract, from March 1 to June 15 both dates inclusive.

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

Protection of Endangered Bats (Tree Clearing)

Federally protected bats 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 15 to October 31, both dates inclusive.

The department has contracted with others and will perform the following operations after October 31 and prior to April 15:

- Cutting down and removing trees.

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

4. Traffic.

Complete all work as shown in the traffic control plans. All variations from the traffic control plans shall be approved in writing at least 48 hours prior to any changes.

Notify the engineer, Wisconsin State Patrol, Washington County Sheriff Department, and local fire departments 48 hours prior to all traffic control changes.

All detour signing shall be placed and operating prior to detouring STH 50 traffic. Install Programmable changeable message signs (PCMS) 7 days prior to the start of the detour to alert drivers of upcoming traffic changes.

Use flaggers, signs, and barricades as necessary to safeguard and direct traffic at all locations where construction operations may interfere with or restrict local traffic.

Additional flaggers, signs and barricades should be used at intersections to direct traffic.

At locations that vehicular traffic and access will be maintained, provide temporary means to prevent grade differences greater than 2 inches between milled surfaces and existing or newly paved surfaces (both longitudinal and transverse) and temporary means to accommodate traffic across staged construction of concrete pavement. Bridge vertical differences using slopes of 12:1 or flatter through the milling of existing HMA pavement, temporary asphalt wedging, the use of wedge/tapered joint as part of mainline HMA paving, or through other means as approved by the engineer.

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.

Local Traffic shall always be maintained within the roadway closed to through traffic. The following requirements shall be met unless approved by the engineer in writing:

- Maintain one 10-foot lane in each direction.

- Flaggers shall be used when work operations interfere with maintaining 2 lanes of traffic.
- Acceptable driving surfaces include 6 inches or more of compacted and graded base aggregate dense, asphaltic surface and permanent HMA pavement.
- Do not close access to sideroads.

Railroad

Do not place any items within 50-feet of the railroad right-of-way, including items that could foul the same area. Including but not limited to signing, equipment, or material. This includes at-grade crossings and structures with RR under or over. If this is not adhered to Railroad Protective Liability Insurance will be required of the contractor and incidental to the project.

5. Holiday and Special Event Work Restrictions.

Do not perform work on, nor haul materials of any kind along or across any portion of the highway carrying STH 50 or STH 67 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 Thursday, July 3, 2025, to 6:00 AM Monday, July 7, 2025, Independence Day;
- From noon Friday, August 29, 2025, to 6:00 AM Tuesday, September 2, 2025, Labor Day;
- From noon Tuesday, November 25, 2025, to 6:00 AM Monday, December 1, 2025, Thanksgiving Day.

stp-107-005 (20210113)

6. Utilities.

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

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 department 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.

stp-107-065 (20240703)

Any utility facility locations (stations, offsets, elevations, depths) listed in this article are approximate.

The following utility owners have facilities in the project area:

Alliant Energy – Electricity has overhead and buried facilities within the project limits. No conflicts or adjustments are anticipated within the construction limits.

AT&T Wisconsin – Communication Line has overhead and buried facilities within the project limits. Work completed prior to construction as shown below.

New overhead cable crossing STH 50 at station 175+44.

New overhead cable from station 175+44 right to station 199+03 right on existing Alliant poles.

New overhead cable crossing STH 50 at station 199+03.

New overhead cable from station 199+03 left to station 213+06 left on existing Alliant poles.

New overhead cable crossing STH 50 at station 213+06.

New overhead cable from station 213+06 right to station 215+57 right on existing Alliant poles.

3170-11-70

Place new overhead cable from station 215+57, 33' right, to new riser at station 215+60, 55' right.

New overhead cable from station 215+57, 33' right, southwest along South Shore Drive on existing Alliant poles.

ATC Management Inc. – Electricity Transmission has 138 kV transmission facilities crossing STH 50 at Station 283+00. No conflicts or adjustments are anticipated within the construction limits.

City of Delavan Water and Sewage Utility – Water has underground facilities from the beginning of the project to station 176+00. No conflicts or adjustments are anticipated within the construction limits.

Delavan Lake Sanitary District – Sewer has underground facilities from the beginning of the project to approximately station 217+00. Three manholes will be adjusted by the utility during construction. The utility will remove and replace manholes after milling operations. After the lower layer of asphalt is placed new manhole lids will be set to match slope of new pavement.

Station 215+99, 17.6' left

Station 216+16, 23.1' left

Station 216+61, 16.8' left

Contact the Delavan Lake Sanitary District prior to adjustments being required. Delavan Lake Sanitary District will need 3 days to complete the work.

Geneva National Sanitary District – Sewer has underground facilities from station 283+00 to the end of the project. No conflicts or adjustments are anticipated within the construction limits.

Spectrum – Communication Line has proposed facilities within the project limits. Work is planned to be complete by July 9, 2025. New underground facilities should have a buried depth of 30" minimum below existing ground, and 48" minimum below existing pavement.

New underground facilities from the beginning of the project to station 151+00, approximately 50' right.

New underground facilities crosses STH 50 at approximately station 151+00.

New underground facilities crosses STH 50 at approximately station 175+43.

New underground facilities from approximately station 175+43 to approximately station 175+72, approximately 122' right.

New underground facilities from approximately station 175+72 to approximately station 176+66, approximately 150' right.

New underground facilities from approximately station 176+66 to approximately station 179+89, approximately 122' right.

New overhead cable from approximately station 179+89 right, to approximately station 199+03 right, on existing Alliant poles.

New overhead cable crossing STH 50 at station 199+03, on existing Alliant poles.

New overhead cable from approximately station 199+03 left, to approximately station 213+06 left, on existing Alliant poles.

New overhead cable crossing STH 50 at station 213+06, on existing Alliant poles.

New overhead cable from station 213+06 right to station 215+57 right on existing Alliant poles.

New underground facilities from approximately 215+57, right to approximately station 218+36 right on existing Alliant poles.

New overhead cable from station 218+36 right to station 255+64 right on existing Alliant poles.

New underground facilities crossing STH 50 at approximately station 233+66.

New underground facilities from approximately station 233+66, to approximately station 248+00, 57' right.

New underground facilities from approximately station 248+00, 57' right, to approximately station 248+75, 30' right.

New underground facilities from approximately station 248+75 to approximately station 258+20, 30' right.

New underground facilities cross STH 50 at approximately 258+20

New underground facilities from approximately station 258+20 to approximately station 280+50, 30' left.

New underground facilities cross STH 50 at approximately station 280+50.

New underground facilities from approximately station 280+50, to approximately station 327+50, 30' right.

New underground facilities from approximately station 327+50, to approximately station 328+50, 30' to 49' right.

New underground facilities from approximately station 328+50, to approximately station 330+50, 49' right.

New underground facilities cross STH 50 at approximately station 330+50.

New underground facilities from approximately station 330+50 49' left to approximately station 339+00 62' left.

Village of Williams Bay – Sewer has existing underground facilities on STH 67 within the project limits. One manhole will be adjusted by the utility after milling operations are complete.

Station 641+65, 50' left

Contact the Village of Williams Bay prior to adjustments being required. The Village of Williams Bay will need 3 days to complete the work.

Village of Williams Bay – Water has underground facilities on STH 67 within the project limits. No conflicts or adjustments are anticipated within the construction limits.

Walworth County Metro Sewer District – Sewer has underground facilities within the project limits. No conflicts or adjustments are anticipated within the construction limits.

WE Energies Gas has existing and proposed underground facilities within the project limits. New facilities are planned at the locations listed below. No conflicts or adjustments are anticipated within the construction limits. The new work is planned to start on September 2, 2024, and take 150 working days.

Abandon 4" steel gas line:

Approximately station 148+50 to approximately station 171+00, 22' left

Approximately station 171+00 to approximately station 176+33, 22' to 151' left

Abandon 5" steel gas:

Approximately station 216+75 to approximately station 222+50, 0' to 12' right.

Approximately station 222+50 to approximately station 325+42, approximately 24' to 30' right.

New underground 6" steel gas line:

Approximately station 148+50 to approximately station 171+00, approximately 25' left

Approximately station 171+00 to approximately station 176+33, approximately 25' to 151' left

Approximately station 239+00 to approximately station 242+00, approximately 24' to 18' left.

Approximately station 242+00 to approximately station 325+42, approximately 18' left.

Crosses STH 50 at approximately station, 325+50 right (project end).

New Underground 2" plastic gas line:

New Underground 2" plastic gas line crosses STH 50 at approximately station 283+93.

New Underground 2" plastic gas line crosses STH 50 at approximately station 321+72

Contact 1-800-261-5325 for gas emergencies, to identify if gas facilities are live, and gas valve box adjustments.

It is imperative that the highway contractor contact We Energies before removing any gas facilities to verify that they have been discontinued and carry no natural gas. The contractor must not assume that unmarked facilities have been discontinued. At no time is it acceptable to push, pull, cut, or drill an unmarked facility without explicit consent from We Energies. Contractor must call the We Energies 24-hour dispatch line to arrange for this verification.

We Energies Gas Dispatch #1-800-261-5325

Windstream KDL LLC – Communication Line has facilities on STH 67 within the project limits. No conflicts or adjustments are anticipated within the construction limits.

7. Other Contracts.

Coordinate your work according to standard spec. 105.5.

Modifications to the traffic control plan may be required by the engineer to be safe and consistent with adjacent work by others.

Work by the Town of Delavan is required concurrently with the work being done under this contract.

Coordinate activities, detours, work zone traffic control, roadway and lane closures, and other work items as required with other contracts.

Local Sidewalk Installation on STH 67 North of Bailey Road

Notify John Olson, Town of Delavan, a minimum of 30 days prior to the start of work on STH 67 to coordinate concurrent work.

Work by permit in the City of Delavan is required. This work is planned prior to WisDOT's roadway project but all or some of the work could be completed concurrently and need additional coordination.

Coordinate activities, detours, work zone traffic control, roadway and lane closures, and other work items as required with other contracts.

Installing Drainage Pipes and Ditches in the STH 50 right of way between station 183+00 – 189+00 right and then extending off the right of way

Contact Rick Zirk, Fairwyn LTD, at 262-248-5010, prior to the start of work to coordinate concurrent work that may be required.

All coordination is incidental to the project.

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

The calculated land disturbance for the project site is 0.66 acres.

The expected land disturbance for the project site is less than one acre in size and does not require permit coverage. Therefore, the department has not requested or obtained coverage under the TCGP.

If additional land disturbance is necessitated for the project due to proposed contractor means and methods, including temporary support activity sites, and the additional land disturbance results in a total cumulative land disturbance for the project of one acre or greater, permit coverage will need to be obtained. The department will be responsible for obtaining permit coverage following department approval of the associated ECIP. Contractor necessitated changes resulting in the need for permit coverage will not be cause for schedule delays or other damages.

Permit coverage for additional land disturbing construction activities related to contractor means and methods will be considered as part of the ECIP review and approval process. Coverage under the TCGP for additional land disturbance areas will be considered if the areas meet all the following:

- Must meet the permit's applicability criteria.
- Must be for the exclusive use of a WisDOT project.
- Ground disturbance first commences after the ECIP approval, and the areas are fully restored to meet the final stabilization criteria of the permit upon completion of the work.

If permit coverage is deemed necessary and obtained for the project, conform to all permit requirements and post the "Certificate of Permit Coverage" in a conspicuous place at the construction site.

Permit coverage, if necessary, will be under 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>

The contractor is responsible for obtaining any permits for areas that are not approved by the department for coverage under the TCGP.

stp-107-056 (20250108)

9. Erosion Control.

Supplement standard spec 107.20 with the following:

Erosion control best management practices (BMP's) shown on the plans are at suggested locations. The actual locations will be determined by the contractor's ECIP and by the engineer. Include dust control and each dewatering or by-pass (mechanical pumping) operation in the ECIP submittal. The ECIP will supplement information shown on the plans and not reproduce it. The ECIP will identify how to implement the project's erosion control plan. ECIP will demonstrate timely and diligently staged operations, continuing all construction operations methodically from the initial removals and topsoil stripping operations through the subsequent grading, paving, re-application of topsoil, and restoration of permanent vegetation to minimize the period of exposure to possible erosion.

Provide the ECIP 14 days prior to the pre-construction meeting. Provide 1 copy of the ECIP to the department and 1 copy of the ECIP to the WDNR Liaison Craig Webster, (262) 574-2141, craig.webster@wisconsin.gov. Do not implement the ECIP without department approval and perform all work conforming to the approved ECIP.

Maintain Erosion Control BMP's until permanent vegetation is established or until the engineer determines that the BMP is no longer required.

Stockpile excess materials or spoils on upland areas away from wetlands, floodplains, and waterways. Install perimeter silt fence protection around stockpiles. If stockpiled materials will be left for more than 14 days, install temporary seed and mulch or other temporary erosion control measures the engineer orders.

Permanently restore all disturbed, graded, and stockpile areas within 14 days of initial disturbance. If any areas will not be permanently restored within 14 days place temporary seed and mulch within 5 days of initial disturbance or 48 hours if in or adjacent to a waterway or wetland.

Dewatering (Mechanical Pumping) for Bypass Water (sediment-free) Operations

If dewatering bypass operations are required from one pipe structure to another downstream pipe structure or from the upstream to downstream end of a culvert and the bypass flow is not transporting sediments (sand, silt, and clay particles) from a tributary work site area, bypass pumping operations will be allowed provided that the department has been made aware of and approves operation. When pumping bypass flows, the discharge location will need to be stable and not produce any erosion from the discharge velocity that would cause release of sediment downstream. Dewatering is considered incidental to the contract.

Dewatering (Mechanical Pumping) for Treatment Water (sediment-laden) Operations

If dewatering operations require pumping of water containing sediments (sand, silt, and clay particles), the discharge will not be allowed to leave the work site or discharge to a storm water conveyance system without sediment removal treatment. Do not allow any excavation for; structures, utilities, grading, maintaining drainage that requires dewatering (mechanical pumping) of water containing sediments (sand, silt, and clay particles) to leave the work site or discharge to a storm water conveyance system without sediment removal treatment.

Prior to each dewatering operation, submit to the department a separate ECIP amendment for sediment removal. Guidance on dewatering can be found on the Wisconsin DNR website located in the Storm Water Construction Technical Standards, Dewatering Code #1061,

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

Include reasoning, location, and schedule duration proposed for each operation. Per Code 1061, include all selection criteria: site assessment, dewatering practice selection, calculations, plans, specifications, operations, maintenance, and location of proposed treated water discharge. Provide a stabilized discharge area. If directing discharge towards or into an inlet structure, provide additional inlet protection for back-up protection. Dewatering is considered incidental to the contract.

Maintaining Drainage

Maintain drainage at and through worksite during construction conforming to standard spec 107.20, 204.3.2.1(3), 205.3.3 and 520.3.1(2). Use existing storm sewers, existing culvert pipes, existing drainage channels, temporary culvert pipes, or temporary drainage channels to maintain existing surface and pipe drainage. Pumps may be required to drain the surface, pipe, and structure discharges during construction. Costs for furnishing, operating, and maintaining the pumps is considered incidental to the contract.

SER-107-003 (20161220)

10. Environmental Protection for Culvert Work.

Supplement standard spec 107.18 with the following:

There are existing culvert pipes requiring cleaning and/or work on the endwalls that are within or adjacent to wetland areas. Limit wetland disturbance as much as possible. Equipment in wetland areas for pipe maintenance shall exert low ground pressure (no wheeled vehicles) or be done by hand. Use silt fence to protect adjacent wetland areas from silt and disturbance.

Do not place any fills in waterways or wetlands.

Properly dispose of all sediment removed from the pipe cleaning at a site that is included in the ECIP.

Utilize all best management practices for erosion control for this work as directed by the engineer.

Restore any disturbed area as shown in the plan or direct by the engineer.

Best management Practices

Each culvert location should be classified based on the required level of environmental protection. As part of the erosion control bid items, the contractor shall include protection as described below. BMP's shown on the erosion control plan sheets are a minimum level of protection. Additional guidance is below:

Type 1: For culverts that are next to or in wetland areas.

- Place silt fence or other erosion control BMP's to protect undisturbed area.
- Clean the culvert, and ditch where applicable, of sediment. Limit cleaning operation to a single working day.
- Complete any endwall and/or pipe repairs.
- Reshape and restore all disturbed areas adjacent to the culvert with final restoration of topsoil, seed, and erosion mat within three calendar days.

Type 2: For culverts not near water or wetlands.

- Clean the culvert, and ditch where applicable, of sediment. Limit cleaning operation to a single working day.
- Complete any endwall and/or pipe repairs.
- Reshape and restore all disturbed areas adjacent to the culvert with final restoration of topsoil, seed, and erosion mat within three calendar days.

Dewatering

Perform all endwall repair work in a fully dewatered condition. In instances where topography or space does not allow for passive diversion of water, use pumps and pipes to divert the water. The contractor

shall provide the pumps required for flow conditions as well as have available additional pumps in the event the flow increases.

All pumps shall be supervised during hours of pumping.

Provide pumps that are in good operating order and free of leaks. Pumps that are leaking fuel, lubricants or other material shall be removed immediately from the work area and then repaired or replaced as necessary.

During the dewatering operation, provide adequate protection from erosion at the discharge area. All materials placed to protect the discharge outfalls are temporary in nature and shall be removed from the project area upon completion of the dewatering process.

Pipe Cleaning

Pipes shall be cleaned according to standard spec 520 and special provision Cleaning Culvert Pipes.

All solids removed from the storm sewer system must be hauled off the project for disposal that is included in the ECIP. Silts resulting from any flushing or jetting operation must be prevented from escaping into storm sewers, wetland, or waterways.

11. Coordination with Businesses and Residents.

The contractor shall arrange and conduct a meeting between the contractor, the department, affected residents, local officials and business people to discuss the project schedule of operations including vehicular and pedestrian access during construction operations. Hold the first meeting at least one week before the start of work under this contract and no further meetings will be required unless directed by the engineer. The contractor shall arrange for a suitable location for meetings that provides reasonable accommodation for public involvement. The department will prepare and coordinate publication of the meeting notices and mailings for meetings. The contractor shall schedule meetings with at least 2 weeks' prior notice to the engineer to allow for these notifications.

stp-108-060 (20141107)

12. Notice to Contractor - Archaeological Sites.

Seven archaeological sites are located along the project corridor. No impacts are anticipated with the proposed work.

If there are ground disturbing activities beyond the right of way notify the Bureau of Technical Services, Environmental Process and Document Section (BTS_EPDS), at 608-266-0099 at least two weeks prior to work.

Do not use these site(s) for borrow or waste disposal. Do not use the site(s) area not currently capped by asphalt/concrete for the staging of personnel, equipment and/or supplies for the following sites:

- 47WL5/BWL-0093 (Lake Lawn Resort Mounds), approximately station 149+00-158+00 right.
- 47WL9/BWL-0079 (Inlet Mound Group), on S. Shore Drive approximately station 5+00-9+00, left and right.
- BWL-0067 (Roselawn Memory Gardens Cemetery), approximately station 339+00-346+00, left and on STH 67 approximately station 647+00-664+00, left.
- 47WL 6 (Mereness Village), approximately station 216+00-223+00, left and right.
- 47WL 168 (El Neinjo), approximately station 323+00-326+00, right.
- 47WL 184 (Horse Corral), approximately station 171+00-177+00, right.

Do not use these site(s) for borrow or waste disposal or for the staging of personnel, equipment and/or supplies for the following sites:

- 47WL 359 (W-0296-03), approximately station 287+00-288+00, left.

13. Notice to Contractor – Airport Operating Restrictions

The FAA Notice Criteria tool was completed for the project during the design phase.

Construction equipment within 400' of the Lake Lawn runway is to be marked/lighted in accordance with FAA Advisory circular 70/7460-1 M Change 1, Obstruction Marking and Lighting, flags/red lights- Chapters 3 (Marked), 4, 5 (Red), 14 (Temporary), & 15. Any failure or malfunction that lasts more than thirty (30) minutes and affects a top light or flashing obstruction light, regardless of its position, should be reported immediately to (877) 487-6867 so a Notice to Airmen (NOTAM) can be issued. As soon as the normal operation is restored, notify the same number.

Notify Lake Lawn Airport 3 days prior to work adjacent to the airport. Contact Daniel Lang, Director of Engineering and Property Development, 262-728-7950, extension 8106.

14. Notice to Contractor – Traffic Signal Bases.

Traffic signal bases in close proximity to underground utilities may require hydro excavation to excavate for the traffic signal base. The cost of hydro excavation is incidental to the cost of the traffic signal base.

15. Notice to Contractor – Traffic Signal Equipment Lead Time.

Order traffic signal equipment as soon as possible to assure the equipment is procured in a timely fashion and, therefore, installed, inspected, and ready for turn-on at the required date.

16. Notice to Contractor – Environmental Protection of Eastern Massasauga Rattlesnake Species.

Use urban mat that is wildlife friendly (without plastic mesh netting or similar material) in suitable habitat and environmentally sensitive areas, which include open areas, sunny areas intermixed with shaded areas, and are within or adjacent to wet areas, floodplains, or wetlands.

Do not spray insecticides, herbicides, or pesticides within environmental sensitive areas.

Report any observations of the rattlesnakes to the department within 24 hours.

Avoid the spread of invasive species into suitable habitat by following best practices such as inspecting and cleaning equipment and vehicles for invasive plant materials and seeds before entering rattlesnake habitat areas.

17. Abandoning Sewer, Item 204.0291.S.

A Description

This special provision describes abandoning existing sewer by filling it with flowable grout as the plans show and conforming to standard spec 204 and standard spec 501 as modified in this special provision.

B Materials

B.1 Cement

Furnish cement meeting the requirements of standard spec 501.2.4.1 for Type I or II Portland Cement or Type IL Portland-Limestone Cement.

B.2 Fly Ash

Furnish Class C or F Fly Ash meeting the requirements of standard spec 501.2.4.2.2.

B.3 Sand

Furnish natural sand meeting the fine aggregate requirements of standard spec 501.2.7.2 and the size requirements of standard spec 501.2.7 except the percent passing the number 200 sieve shall be 0-5 percent by weight.

B.4 Water

Furnish water meeting the requirements of standard spec 501.2.6.

B.5 Mix Design

Use the basic proportions of dry materials per cubic yard of grout as follows:

- Cement 100 pounds
- Fly Ash 400 pounds
- Fine Aggregate 2600 pounds

or an engineer approved equal.

In addition the grout shall conform to the following:

Compressive Strength	ASTM C495	300 psi @ 28 day min
Density	ASTM C495 (no oven drying)	50 pcf min
Shrinkage	ASTM	1% by volume
Flow	ASTM C939	35 sec max

Air entraining and chemical admixtures to control fluidity of the grout are allowable. Ten days before placement, furnish to the engineer a design mix detailing all components and their proportions in the mix.

B.6 Cellular Grout

Alternatively, the contractor may use, or if the manufacturer recommends, an engineer-approved commercial cellular concrete grout conforming to the following:

Cement	ASTM C150/ ASTM C595	Type I or II/Type IL
Density	ASTM C495 (no oven drying)	50 pcf min
Compressive Strength	ASTM C495	300 psi @ 28 day min 100 psi in 24 hours
Shrinkage	ASTM	1% by volume
Flow	ASTM C939	35 sec max

C Construction

Fill the abandoned sewer pipe with flowable grout as the engineer directs. In the event that the sewer cannot be completely filled from existing manholes, tap the sewer where necessary and fill from these locations.

D Measurement

The department will measure Abandoning Sewer in volume by the cubic yard as specified in standard spec 109.1.3.

E Payment

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

ITEM NUMBER	DESCRIPTION	UNIT
204.0291.S	Abandoning Sewer	CY

Payment is full compensation for furnishing all materials and excavating and backfilling where necessary.

stp-204-050 (20250108)

**18. Removing Traffic Signals STH 50/CTH F & Town Hall Rd/South Shore Dr, Item 204.9060.S.01;
Removing Traffic Signals STH 50 & STH 67, Item 204.9060.S.02.**

A Description

This special provision describes removing existing traffic signals as shown on the plans, in accordance to the pertinent provisions of standard spec 204, and as hereinafter provided. Specific removal items are noted in the plans.

B (Vacant)

C Construction

Notify the department's Electrical Field Unit at (414) 266-1170 at least five working days prior to the removal of the traffic signals. Complete the removal work as soon as possible following shut down of this equipment.

The Department assumes that all equipment is in good condition and in working order prior to the contractor's removal operation. Prior to removal, inspect and provide a list of any damaged or non-working traffic signal equipment to the engineer. Any equipment not identified as damaged or not working, prior to removal, will be replaced by the contractor at no cost to the department.

Remove all standards and poles per plan from their concrete footings and disassemble out of traffic. Remove the transformer bases from each pole. Remove the signal heads, emergency vehicle preemption heads (evp), mast arms, luminaires, wiring/cabling, and traffic signal mounting devices from each signal standard, arm or pole. Ensure that all access hand-hole doors and all associated hardware remain intact. Dispose of the underground signal cable, internal wires and street lighting cable off the state right of way. Deliver the remaining materials, except for Traffic signal LED and luminaire lamp, switch, and ballasts to the West Allis Electrical Service Facility at 935 South 60th Street, West Allis, Milwaukee County. Contact the department's Electrical Field Unit at (414) 266-1170 at least five working days prior to delivery to make arrangements. Traffic signal LED and luminaire lamp, switch, and ballast disposal shall be paid for as a separate item.

DOT forces shall remove the signal cabinet from the footing. The signal cabinet and associated signal cabinet equipment will be removed from the site by DOT forces and will remain the property of the department.

D Measurement

The department will measure Removing Traffic Signals STH 50/CTH F & Town Hall Rd/South Shore Dr and STH 50 & STH 67 as a single unit, acceptably completed.

E Payment

Add the following to standard spec 204.5:

ITEM NUMBER	DESCRIPTION	UNIT
204.9060.S.01	Removing Traffic Signals STH 50/CTH F & Town Hall Rd/South Shore Dr	EACH
204.9060.S.02	Removing Traffic Signals STH 50 & STH 67	EACH

stp-204-025 (20150630)

**19. Removing Loop Detector Wire & Lead-In Cable STH 50/CTH F & Town Hall Rd/South Shore Dr, Item 204.9060.S.03;
Removing Loop Detector Wire & Lead-In Cable STH 50 & STH 67, Item 204.9060.S.04.**

A Description

This special provision describes removing loop detector wire and lead-in cable as shown on the plans, in accordance to the pertinent provisions of 204 of the standard specs, and as hereinafter provided.

B (Vacant)

C Construction

Notify the department's Electrical Field Unit at (414) 266-1170 at least five working days prior to the removal of the loop detector wire and lead-in cable.

Remove and dispose of detector lead-in cable including loop wire for abandoned loops off the project site.

D Measurement

The department will measure Removing Loop Detector Wire & Lead-In Cable STH 50/CTH F & Town Hall Rd/South Shore Dr and STH 50 & STH 67 as a single unit, acceptably completed.

E Payment

Add the following to standard spec 204.5:

ITEM NUMBER	DESCRIPTION	UNIT
204.9060.S.03	Removing Loop Detector Wire and Lead-In Cable STH 50/CTH F & Town Hall Rd/South Shore Dr	EACH
204.9060.S.04	Removing Loop Detector Wire and Lead-In Cable STH 50 & STH 67	EACH
stp-204-025 (20150630)		

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

Green For Life (GFL) Mallard Ridge Landfill
W8470 State Highway 11
Delavan, WI 53115
(262) 724-3257

Waste Management Metro Landfill
10712 S. 124th St.
Franklin, WI 53051
(866) 909-4458

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 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 215+75 to 216+20, from 10 feet LT of reference line to 50 feet LT of reference line, from 8 to 16+ feet below grade. The estimated volume of contaminated soil to be excavated at this location is 3 CY (approximately 5 tons using a conversion factor of 1.7 tons per cubic yard).
2. Station 216+55 to 217+00, from 10 feet LT of reference line to 50 feet LT of reference line, from 8 to 16+ feet below grade. The estimated volume of contaminated soil to be excavated at this location is 8 CY (approximately 14 tons using a conversion factor of 1.7 tons per cubic yard).

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: Andrew Malsom
Address: 141 NW Barstow Street, PO Box 798, Waukesha, WI 53187-0798
Phone: 262-548-6705
Fax: 262-548-6891
E-mail: Andrew.malsom@dot.wi.gov

A.3 Coordination

Coordinate work under this contract with the environmental consultant:

Consultant: TRC Environmental Corporation
Contact: Bryan Bergmann
Address: 6737 W. Washington St., Suite 3460, West Allis, WI 53214
Phone: 262-901-2126 (office), 262-227-9210 (cell)
E-mail: bbergmann@trccompanies.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 20 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.

If dewatering is required in an area of known contamination, water generated from dewatering activities may contain contaminants and require testing, special handling, temporary storage, and disposal.

Contractor shall ensure continuous dewatering and excavation safety at all times. Provide, install, operate, maintain adequate pumping equipment, disassemble, and remove pumping equipment.

Costs associated with excavation and dewatering in the contaminated area are considered incidental to this pay item. The Wisconsin Department of Transportation will be the generator of regulated solid waste from the construction project.

Limit excavation in the location described in A.2 to minimize the handling of groundwater. Notify the engineer of any dewatering activities and obtain any permits necessary to discharge or dispose of contaminated water. Provide copies of such Permit 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 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. 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://wisconsin.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 subplot 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)

22. Topsoil and Salvaged Topsoil.

Replace 625.2 (1) with the following:

- (1) Topsoil consists of loam, sandy loam, silt loam, silty clay loam, or clay loam humus-bearing soils adapted to sustain plant life, and ensure the topsoil consists of the following:

Topsoil Requirements	Minimum Range	Maximum Range
pH	6.0	8.0
Organic Matter*	5%	20%
Clay	5%	30%
Silt	10%	70%
Sand	10%	70%

*Organic matter determined by loss on ignition test of samples oven dried to constant weight at 212 F (100 C).

Add the following to standard spec 625.2:

- (3) Furnish material that is free from large roots, sticks, weeds, brush, stones, litter, and waste products.
- (4) Do not furnish surface soils from ditch bottoms, drained ponds, and eroded areas, or soils which are supporting growth of NR 40 listed plants and noxious weeds or other undesirable vegetation.

Replace 625.3.3 (3) with the following:

- (3) Ensure that for the upper 2 inches, 100 percent of the material passes a one-inch sieve and at least 90 percent passes the No. 10 sieve.

SER-625-001 (20221007)

23. Fertilizer Type B.

Replace 629.2.1.3 with the following:

- (1) Fertilizer Type B Special will conform to the following requirements:

Nitrogen, not less than 24% with 6% percent of the nitrogen being slow release.

Phosphorus, not less than 15%

Potash, not less than 9%

- (2) The total nitrogen, phosphorus, and potash shall equal at least 48 percent.

Replace 629.3.1.3 with the following:

- (1) Apply fertilizer containing at least 48 percent total nitrogen, phosphorus, and potash at 5 pounds per 1,000 square feet unless otherwise directed by the engineer. For Fertilizer Type B Special that contains a different percentage of components, determine the new application rate by multiplying the specified rate by a dimensionless conversion factor determined as follows:

$$\text{Conversion Factor} = 48 / \text{New Percentage of Components}$$

Replace 629.4(1):

- (1) The department will measure Fertilizer Type B, Special by the hundred pounds (CWT) acceptably completed, measured based on the application rate of 5 pounds per 1,000 square feet. The department will not measure fertilizer used for the bid items under 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 48 percent for Fertilizer Type B Special.

SER-629-001 (20230109)

24. Seeding Mixture No. 30.

Replace 630.2.1.5.1.1 Table 630-1 Highway Seed Mixtures with the following:

Conform to the following the species, proportions, purity, and germination:

Species	Purity Minimum %	Germination Minimum %	Mixture Proportion %
Perennial Ryegrass	97	90	10
Hard Fescue	97	85	15
Red Fescue	97	85	25
Salt Grass	98	85	20
Tall Fescue	98	85	30

Replace 630.3.5 (1) with the following:

(1) Use the following sowing rates for the seeds in pounds per 1000 square feet:

Seed Mixture 30 Special at 5.0 pounds

SER-630-001 (20230109)

25. Seeding.

Replace 630.3.5 (1) with the following:

(1) Use the following sowing rate for seeds in pounds per 1000 square feet:

- No. 10 at 3 pounds
- No. 20 at 5 pounds
- No. 30 at 5 pounds
- No. 40 at 5 pounds
- No. 60 at an equivalent seeding rate of 1.5 pounds^[1]
- No. 70 or 70A at 0.4 pounds
- No. 75 at an equivalent seeding rate of 0.7 pounds^[1]
- No. 80 at an equivalent seeding rate of 0.8 pounds^[1]
- Temporary seeding at 3 pounds
- Nurse crop seeding at 2 pounds

^[1] Determine the actual seeding rate by multiplying the equivalent seeding rate by the sum of the unadjusted and adjusted percentages of the various species in the seed mixtures as sown.

SER-630-002 (20221013)

26. Traffic Signals, General.

All work shall be in accordance to the plans and the State of Wisconsin Department of Transportation Standard Specifications for Highway and Structure Construction, 2023 Edition, and these special provisions.

Failure to comply with the state standards and specifications may result in the cost of the corrections to be made at the Contractors' expense. Any additional disruption of Department-owned facilities shall be repaired or relocated as needed at the Contractors' expense.

Notify the department's Electrical Field Unit at (414) 266-1170 at least three weeks prior to the beginning of the traffic signal work.

Furnish the engineer with material lists and specifications of all traffic control equipment for approval prior to installation.

27. General Requirements for Electrical Work.

Replace section 651.3.3 (3) of the standard specifications with the following:

Request a signal inspection of the signal installation to the project engineer after completing the Prerequisites for Underground Inspection or Prerequisites for Above Ground Inspection at least five working days prior to the time of the requested inspection. Notify the department's Electrical Field Unit at (414) 266-1170 to coordinate the inspection. The department's Region Electrical personnel will perform the inspection. In the event of deficiencies, request a re-inspection when the work is corrected. The engineer will not authorize continuation to aboveground work or turn-on until the contractor corrects all deficiencies.

28. Electrical Conduit.

Replace 652.5(2) of the standard specifications with the following:

(2) Payment for Conduit Rigid Metallic, Conduit Rigid Nonmetallic, Conduit Reinforced Thermosetting Resin, and Conduit Special bid items is full compensation for providing the conduit, conduit bodies, and fittings; for providing all conduit hangers, clips, attachments, and fittings used to support conduit on structures; for pull wires or ropes; for expansion fittings and caps; for making necessary connections into an existing pull box, manhole, junction box or communication vault; for excavating, bedding, and backfilling, including any sand, concrete, or other required materials; for disposing of surplus materials; and for making inspections.

29. Electrical Service Meter Breaker Pedestal STH 50/CTH F & Town Hall Rd/South Shore Dr, Item 656.0201.01.

Add the following to standard specification 656.2.3:

The department will be responsible for the electric service installation request for any department maintained facility.

Electric utility company service installation and energy cost will be billed to and paid for by the maintaining authority.

Add the following to standard specification 656.3.4:

Install the cabinet base and meter breaker pedestal first, so the electric utility company can install the service lateral. Finish grade the service trench, replace topsoil that is lost or contaminated with other materials, fertilize, seed, and mulch all areas that are disturbed by the electric utility company.

Add the following to standard specification 656.5(3):

Payment for grading the service trench, replacing topsoil, fertilizer, seed, and mulch will be incidental to this work unless the bid items are in the contract and then they will be paid for at the contract price.

30. Traffic Signal Faces.

Replace standard specification 658.2(3) with the following:

(3) For traffic signal faces: furnish signal housings, visors, LED modules, backplates, and cut away or tunnel type visors as the plans show. The visors shall be a dull black. The backplates shall be a reflective yellow. Signal head housings shall be black.

Add the following to standard specification 658.3:

(5) Connect all ungrounded conductors with wire nuts in the appropriate sections of the signal heads. Connect the neutral conductors to the terminal strip. Be certain to twist wires prior to installing the wire nuts. All wire nuts must be installed facing up to prevent the entrance of water.

**31. Signal Mounting Hardware STH 50/CTH F & Town Hall Rd/South Shore Dr, Item 658.5070.01;
Signal Mounting Hardware STH 50 & STH 67, Item 658.5070.02.**

Add the following to 658.2(7) of the standard specifications:

Use an approved type of pole or standard vertical mounting brackets/clamps for signal faces from an approved manufacturer. Pedestrian traffic signal heads mounted in the median shall use federal yellow aluminum side of pole 2-way upper and lower arm assemblies providing 16 ½-inch center to center spacing.

32. Lamp, Ballast, LED, Switch Disposal by Contractor, Item 659.5000.S.

A Description

This special provision describes the packaging of lamps, ballasts, LEDs, and mercury containing switches (e.g overhead roadway lighting, underdeck bridge, wall packs, pedestrian signals, traffic control stop lights and warning flashers, fluorescent bulbs, and thermostats) removed under this contract for disposal as hazardous materials.

For Lamp, Ballast, LED, Switch Disposal by Contractor, coordinate removal by the department's hazardous waste disposal vendor.

B Materials

Items removed under this contract will be considered the property of the department for waste generator identification. The contractor is responsible for coordinating with the department's hazardous waste vendor for disposal:

<https://wisconsindot.gov/Documents/doing-bus/eng-consultants/cnslt-rsrcs/environment/hazwaste-contacts.pdf>

C Construction

Provide a secure, level location removed from the travelled way for storage of the material for disposal.

Pack intact fixtures in the packaging of the new lamps used to replace them, or packaging affording the equivalent protection. Place in full, closed stackable cartons.

Pile cartons no more than four high if palletized and secure cartons with shrink wrap to prevent shifting or falling of the loads. Clearly mark each pallet with the words "Universal Waste Lamps" or "Universal Waste Ballasts", the date, and the number of fixtures on each pallet.

Pack broken fixtures into (min.) 6 mil thick plastic bags and place inside sturdy cardboard boxes or the equivalent. Mark the outer packaging with the term "Broken Fixtures/Lamps", the date and the number of broken fixtures clearly marked on the box.

The hazardous waste vendor will not accept fixtures improperly packaged. The vendor will reject any fixtures not removed as part of a contract pay item or otherwise required under this contract.

Pack ballasts and mercury containing switches in appropriate containers.

Complete the lamp and ballast inventory (<https://wisconsindot.gov/Documents/doing-bus/eng-consultants/cnslt-rsrcs/environment/dotlampballastinventory.dotx>) and contact the hazardous waste vendor to coordinate pickup and disposal at a location specified by the contractor. Consolidate all pallets and boxes from one project at a single location. Contact the hazardous waste vendor to set up an appointment for pickup. The hazardous waste vendor requires a minimum of one week advance notice to schedule pickup.

D Measurement

The department will measure Lamp, Ballast, LED, Switch Disposal by Contractor as each individual unit received by the hazardous waste vendor, properly packaged and acceptably completed, matching the total number of units provided on the inventory form. The department will not measure broken fixtures that exceed a total of ten percent of all fixtures to be disposed.

E Payment

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

ITEM NUMBER	DESCRIPTION	UNIT
659.5000.S	Lamp, Ballast, LED, Switch Disposal by Contractor	EACH

Payment for Lamp, Ballast, LED, Switch Disposal by Contractor is full compensation for handling, packaging, labeling and scheduling disposal with the hazardous waste vendor.

The department will pay separately for the work under which the lamps, ballasts LED or Switches are removed from service.

stp-659-500 (20220107)

33. Temporary Traffic Signals for Intersections STH 50/CTH F & Town Hall Rd/South Shore Dr, Item 661.0201.01;

Temporary Traffic Signals for Intersections STH 50 & STH 67, Item 661.0201.02.

Replace 661.2.1(1) of the standard specifications with the following:

(1) Furnish control cabinet and control equipment. The Department will supply, maintain, and install a signal controller, cellular modem, and ethernet switch to establish remote communication to the signal controller. The cabinet must be equipped with a 6-circuit Isotel independent of the GFI receptacles. Provide a cabinet with a Corbin #2 door lock and an access door that allows placing the controller in emergency flash. Provide keys to the access door to the engineer and law enforcement agencies as required. Also provide a manual control accessible by the police. Test traffic signal control cabinets before installation. The Department will provide the signal controller with the initial traffic signal timing, and the Department will be responsible for all subsequent signal timing changes.

Replace 661.2.1(3) of the standard specifications with the following:

(3) Use existing underground electric service and meter breaker pedestal for the operation of the Temporary Traffic Signal. The contractor will be responsible for arranging any additional service connection to the temporary signal. The department will pay for all Energy Costs for the operation of the Temporary Traffic Signal.

Furnish and install a generator to operate the temporary traffic signals for the times required to switch the existing permanent traffic signal over to the temporary traffic signal and for the time required to switch the temporary traffic signal back over to the permanent traffic signal.

Contact the local electrical utility at least four days prior to making the switch from the Temporary Traffic Signal to the new Permanent Traffic Signal.

Append 661.2.1 of the standard specifications with the following:

(6) Control equipment or controller equipment is defined as anything inside the control cabinet excluding the department furnished signal controller, cellular modem, and ethernet switch.

Replace 661.3.1(2) of the standard specifications with the following:

(2) Request a signal inspection of the completed temporary traffic signal installation to the engineer at least five working days prior to the time of the requested inspection. Notify the SE Region Electrical Field Unit at (414) 266-1170 to coordinate the inspection. The SE Region electrical personnel will perform the inspection.

Append 661.3.1.4 of the standard specifications with the following:

(4) Arrange for every other week inspections with the engineer to check the height of the span wire above the roadways to ensure that the bottom of the traffic signal heads remain within the minimum and maximum heights allowed above the roadway. Make all height adjustments within 1-hour of an inspection indicating that adjustments are required. Notify the engineer in writing upon completion of all necessary adjustments. Maintain a written log to properly document the date of each every other week inspection, the heights above the roadway, the roadway clearance after adjustments have been made, and acceptance by the engineer. Provide all documentation related to the every other week span wire height checks as well as all records related to maintenance performed on the temporary traffic signal installations to the engineer.

Replace 661.3.2.6(2) of the standard specifications with the following:

(2) Upon acceptance of new signal and completion of work, the department will switch control of the intersection over to the permanent cabinet installation. Remove signal cable and wires, wood poles, wood posts, control cabinet, control equipment, and incidental materials. Upon deactivation of the controller, call the electrical utility immediately for the temporary electrical service disconnect. The department shall remove the signal controller, cellular modem, and ethernet switch.

Replace 661.3.2.7 (2) of the standard specifications with the following:

(2) Respond within one hour of notification to provide corrective action to any emergency such as but not limited to knockdowns, signal cable problems, and controller equipment failures. If equipment becomes damaged or faulty beyond repair, replace it within one working day. In order to fulfill this requirement, maintain, in stock, sufficient materials and equipment to provide repairs. Replace the traffic signal control equipment including the cabinet and cabinet accessories within 4 hours. If the outcome of the response identifies damage to the department furnished signal controller, notify the Traffic Management Center at (800) 375-7302 who will then dispatch the SE Region Electrical Field Unit

Replace 661.5(2) of the standard specifications with the following:

(2) Payment for the Temporary Traffic Signals for Intersections bid item is full compensation for providing, maintaining, and repairing the complete temporary installation; and for removal. Payment also includes the following:

1. Furnishing and installing replacement equipment.
2. The cost of delivery and pick-up of the cabinet assemblies.

Payment is full compensation for drilling holes; furnishing and installing all materials, including bricks, and coarse aggregate; for excavation, bedding, and backfilling, including any sand or other required materials; furnishing and placing topsoil, fertilizer, seed, and mulch in disturbed areas; for properly disposing of surplus materials; for making inspections; for cleaning up and properly disposing of waste; and for furnishing all labor, tools, equipment, and incidentals necessary to complete the work.

34. Re-grade Shoulder and Hauling Excess Material, Item SPV.0035.01.

A Description

This special provision describes grading existing shoulders and removing excess material.

B (Vacant)

C Construction

Grade existing shoulder to the line and grade as shown on the plan and haul and dispose of excess material.

D Measurement

The department will measure Re-grade and Hauling Excess Material in volume by the cubic yard in the vehicle.

E Payment

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

ITEM NUMBER	DESCRIPTION	UNIT
SPV.0035.01	Re-grade Shoulder and Hauling Excess Material	CY

Payment is full compensation for grading, compacting, loading, hauling, and disposing of excess material.

35. **Install Poles Type 9, Item SPV.0060.01;
Install Poles Type 10, Item SPV.0060.02;
Install Poles Type 9 Special, Item SPV.0060.03;
Install Monotube Arms 20-FT, Item SPV.0060.04;
Install Monotube Arms 30-FT, Item SPV.0060.05;
Install Monotube Arms 40-FT Type 9/10 Spec Pole, Item SPV.0060.06;
Install Monotube Arms 45-FT Type 9/10 Spec Pole, Item SPV.0060.07;
Install Luminaire Arms Steel 15-FT, Item SPV.0060.08.**

A Description

This special provision describes installing state furnished materials conforming to standard spec 657, details shown in the plans, and as modified in this special provision.

B Materials

The department will furnish the monotube poles and monotube arms. Provide any other necessary material required to complete the installation as the plans show.

C Construction

Install equipment in accordance to standard spec 657.3.

D Measurement

The department will measure Install Poles Type 10, Install Poles Type 12-Over Height, Install Monotube Arms 20-FT, Install Monotube Arms 35-FT, Install Luminaire Arms Steel 15-FT by the 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	Install Poles Type 9	EACH
SPV.0060.02	Install Poles Type 10	EACH
SPV.0060.03	Install Poles Type 9 Special	EACH
SPV.0060.04	Install Monotube Arms 20-FT	EACH
SPV.0060.05	Install Monotube Arms 30-FT	EACH
SPV.0060.06	Install Monotube Arms 40-FT Type 9/10 Spec Pole	EACH
SPV.0060.07	Install Monotube Arms 45-FT Type 9/10 Spec Pole	EACH
SPV.0060.08	Install Luminaire Arms Steel 15-FT	EACH

Payment for the Install Poles bid items is full compensation for installing department furnished poles and for providing grounding lugs, fittings, shims, hardware, and other required components the department does not furnish.

Payment for the Install Monotube Arms bid items is full compensation for installing department furnished arms; for providing high-strength bolt/nut/washer assemblies and DTIs including those required for testing; and for providing related mounting hardware, leveling shims, and other required components the department does not furnish.

Payment for the Install Luminaire Arms Steel bid items is full compensation for installing department furnished luminaire arms and for providing grounding lugs, fittings, shims, hardware, and other required components the department does not furnish.

36. **Trnspt & Install State Furn Traffic Signal Cabinet STH 50/CTH F & Town Hall Rd/South Shore Dr, Item SPV.0060.09;
Trnspt & Install State Furn Traffic Signal Cabinet STH 50 & STH 67, Item SPV.0060.10.**

A Description

This special provision describes the transporting and installing of department furnished materials for traffic signals.

B Materials

Use materials furnished by the department including: the traffic signal controller and the traffic signal cabinet.

Pick up the department furnished materials at the department's Electrical Shop located at 935 South 60th Street, West Allis. Notify the department's Electrical Field Unit at (414) 266-1170 and make arrangements for picking up the department furnished materials five (5) working days prior to picking the materials up.

Provide all other needed materials in conformance with sections 651.2, 652.2, 653.2, 654.2, 655.2, 656.2, 657.2, 658.2 and 659.2 of the standard specifications.

C Construction

Perform work in accordance with sections 651.3, 652.3, 653.3, 654.3, 655.3, 656.3, 657.3, 658.3 and 659.3 of the standard specifications except as specified below.

Request a signal inspection of the completed signal installation to the project engineer at least five (5) working days prior to the time of the requested inspection. The department's Region Electrical personnel will perform the inspection.

Coordinate directly with the department's traffic signal cabinet vendor {TAPCO at 262-814-7327 or rickk@tapconet.com / TCC at 651-439-1737 or mallwood@trafficcontrolcorp} to schedule the cabinet acceptance testing. Coordinate with the department's Electrical Field Unit at (414)-266-1170 to participate in the acceptance testing. The department has final determination of the cabinet acceptance testing date and time.

D Measurement

The department will measure Trnspt & Install State Furn Traffic Signal Cabinet STH 50/CTH F & Town Hall Rd/South Shore Dr and STH 50 & STH 67 by the 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.0060.09	Trnspt & Install State Furn Traffic Signal Cabinet STH 50/CTH F & Town Hall Rd/South Shore Dr	EACH
SPV.0060.10	Trnspt & Install State Furn Traffic Signal Cabinet STH 50 & STH 67	EACH

Payment is full compensation for transporting and installing the traffic signal controller and the traffic signal cabinet; for furnishing and installing all other items necessary (such as wire nuts, splice kits and/or connectors, tape, insulating varnish, ground lug fasteners, etc.) to make the proposed system complete from the source of supply to the most remote unit and for clean-up and waste disposal.

37. Trnspt and Install State Furn Radar Detect Sys STH 50 & STH 67, Item SPV.0060.11.

A Description

This special provision describes the transporting and installing of department furnished Radar Detection System on monotube poles or arms as the plans show and as follows.

B Materials

Pick up the department furnished Radar System at the department's electrical shop located at 935 South 60th Street, West Allis. Notify the department's electrical field unit (EFU) at (414) 266-1170 to make arrangements for picking up the department furnished materials at least five (5) working days prior to material pick-up.

C Construction

Install the department furnished pole/arm mounting brackets, extension arms (if required), and radar units per manufacturer recommendations in the locations determined by the department.

Install the power and communication cable to run continuously (without splices) from the traffic signal cabinet to the pole handhole plus an additional 16-feet in each pull box and an extra 10-feet in the pole handhole. Install the detector unit cable whip from the detector unit to the pole handhole. Splice the

detector unit cable whip to the power and communication cable in the pole handhole using the provided junction box.

Mark each end of the lead in the traffic signal cabinet and each cable in the pole handhole to indicate the equipment label (i.e. RA1, RA2, etc.) on the plans. For a cabinet that is not operating the signal, the contractor will terminate the ends. If the cabinet is operating the signal, the cabinet wiring will be done by the department.

Notify department's Electrical Shop at (414) 266-1170 upon completion of the installation and aiming of the radar units.

The department will provide the vendor's contact information. Coordinate directly with the department's radar detection system vendor to arrange for the vendor to program the radar detection system on site. Notify the department and vendor at least five working days prior to the date of programming. Assist the department and vendor with fine adjusting of the radar units during the radar system programming, if necessary.

D Measurement

The department will measure Trnspt & Install State Furn Radar Detect Sys STH 50 & STH 67 as a single lump sum unit of work for each intersection 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	Trnspt & Install State Furn Radar Detect Sys STH 50 & STH 67	EACH

Payment is full compensation for transporting and installing the radar detection system, cable, mounting hardware, and radar units; and assisting the department and vendor during the radar system programming.

38. Trnspt Traffic Signal & Inter Lighting Materials STH 50/CTH F & Town Hall Rd/South Shore Dr, Item SPV.0060.12; Trnspt Traffic Signal & Inter Lighting Materials STH 50 & STH 67, Item SPV.0060.13.

A Description

This special provision describes the transporting of department furnished materials for traffic signals and intersection lighting.

B Materials

Transport materials furnished by the department including: monotube arms and poles.

Pick up the department furnished materials at the department's Electrical Shop located at 935 South 60th Street, West Allis. Notify the department's Electrical Field Unit at (414) 266-1170 and make arrangements for picking up the department furnished materials five (5) working days prior to picking the materials up.

Provide all other needed materials in conformance with sections 651.2, 652.2, 653.2, 654.2, 655.2, 656.2, 657.2, 658.2 and 659.2 of the standard specifications.

C Construction

Perform work in accordance with sections 651.3, 652.3, 653.3, 654.3, 655.3, 656.3, 657.3, 658.3 and 659.3 of the standard specifications except as specified below.

D Measurement

The department will measure Trnspt Traffic Signal & Inter Lighting Materials STH 50/CTH F & Town Hall Rd/South Shore Dr and STH 50 & STH 67 by the 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.0060.12	Trnspt Traffic Signal & Inter Lighting Materials STH 50/CTH F & Town Hall Rd/South Shore Dr	EACH
SPV.0060.13	Trnspt Traffic Signal & Inter Lighting Materials STH 50 & STH 67	EACH

Payment is full compensation for transporting the monotube poles and arms. Installation of these materials is included under a separate pay item.

39. **Trnspt & Install State Furn EVP Heads & Confirm Lights STH 50/CTH F & Town Hall Rd/South Shore Dr, Item SPV.0060.14; Trnspt & Install State Furn EVP Heads & Confirm Lights STH 50 & STH 67, Item SPV.0060.15.**

A Description

This special provision describes the transporting and installing of state furnished Emergency Vehicle Preemption (EVP) detector heads and confirmation lights and mounting brackets.

B Materials

Use materials furnished by the department including: EVP detector heads, confirmation light and mounting brackets.

Pick up the state furnished materials at the department's Electrical Shop located at 935 South 60th Street, West Allis. Notify the department's Electrical Field Unit at (414) 266-1170 and make arrangements for picking up the state furnished materials at least five (5) working days prior to picking the materials up.

C Construction

Install the EVP detector heads, confirmation lights and mounting brackets as shown on the plans. The department will determine the exact location to ensure that the installation does not create a sight obstruction. Mount the EVP detector heads and wire them per manufacturer instructions. For a cabinet that is not operating the signal, the contractor will terminate the ends and install the discriminators and card rack in the cabinet. If the cabinet is operating the signal, the cabinet wiring will be done by the department.

Notify the department's Electrical shop at (414) 266-1170 upon completion of the installation of the EVP equipment.

D Measurement

The department will measure Trnspt & Install State Furn EVP Heads & Confirm Lights STH 50/CTH F & Town Hall Rd/South Shore Dr by the individual intersection 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.0060.14	Trnspt & Install State Furn EVP Heads & Confirm Lights STH 50/CTH F & Town Hall Rd/South Shore Dr	EACH
SPV.0060.15	Trnspt & Install State Furn EVP Heads & Confirm Lights STH 50 & STH 67	EACH

Payment is full compensation for transporting and installing of department furnished EVP detector heads, confirmation lights and mounting brackets.

40. Temporary Emergency Vehicle Preemption System STH 50/CTH F & Town Hall Rd/South Shore Dr, Item SPV.0060.16.

A Description

This special provision describes maintaining an emergency vehicle preemption system during construction at the temporary signalized intersection as shown in the plans.

B Materials

Furnish an emergency vehicle preemption system compatible with the municipality's systems and users. Contact the appropriate municipality for information to confirm the operational requirements of the temporary emergency vehicle preemption system.

C Construction

The Temporary EVP System, as shown in the temporary traffic signal plans or as directed by the engineer, shall be complete in place, tested, and in full operation during each stage and sub-stage of construction.

Install the EVP system as shown in the plans for each construction stage and according to the manufacturer's recommendations. Detectors may be mounted on the temporary traffic signal span wire or wood poles. Relocate the temporary EVP detectors to a suitable location if construction activities and/or construction staging changes impede the detector operation. Arrange for testing of equipment prior to acceptance of the installation for each construction stage.

All cables associated with the temporary EVP system shall be routed to the cabinet. Each lead shall be appropriately marked as to which EVP channel it is associated.

Periodic adjustment and/or moving of the temporary EVP detectors may be required due to changes in traffic control, staging, or other construction operations.

Ensure that the temporary EVP system stays in clean working order. Periodic cleaning of the equipment may be required due to dirt and dust build-up.

Remove the temporary EVP system upon project completion.

Provide the engineer records of all EVP settings used during construction.

D Measurement

The department will measure Temporary Emergency Vehicle Preemption System STH 50/CTH F & Town Hall Rd/South Shore Dr by the individual intersection 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.0060.16	Temporary Emergency Vehicle Preemption System STH 50/CTH F & Town Hall Rd/South Shore Dr	EACH

Payment is full compensation for furnishing and installing a temporary emergency vehicle preemption system, complete and fully operational at an intersection.

41. Drainage Structure Repair and Cleaning, Item SPV.0060.17.

A Description

This special provision describes repairing and cleaning storm sewer manholes and inlets that are not covered under other contract items.

B Materials

Furnish materials conforming to standard spec 519.

C Construction

Clean out all soils, debris, or other accumulated matter from all catch basins, manholes, inlets, or other similar structures as indicated in the contract.

Inspect the structures for loose or failing mortar, remove loose or failing mortar, and clean the area prior to repairing.

Fill large voids with sound pieces from bricks or blocks. Apply a plaster coat of mortar to the area of repair and make this plaster coat not less than 1/2-inch thick. Before applying a plaster coat, wet the surface with water and let the surface dry enough to prevent slipping.

As soon as possible after applying the plaster coat to a structure, apply a uniform coating of liquid membrane curing compound to the repaired surfaces.

D Measurement

The department will measure Drainage Structure Repair and Cleaning 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.0060.17	Drainage Structure Repair and Cleaning	EACH

Payment is full compensation for performing all work required under this bid item including disposal of any waste material from cleaning the structures.

42. Reset and Retie End Section, Item SPV.0060.18.

A Description

This special provision describes culvert pipe reset and retie pipe end sections at locations designated on the plans or as directed by the engineer, and according to the plan details and as hereinafter provided.

B Materials

Furnish materials conforming to standard specification 520.3.3 and 520.3.5.

C Construction

Reset pipe and retie end section as shown on the plans as specified in the standard specifications 520.3.3 and 520.3.5 and standard detail drawing..

D Measurement

The department will measure Reset and Retie End Section by each pipe end acceptably completed.

E Payment

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

ITEM NUMBER	DESCRIPTION	UNIT
SPV.0600.18	Reset and Retie End Section	EACH

Payment is full compensation for furnishing tie materials, excavation, backfill and placement.

43. Utility Line Opening (ULO), Item SPV.0060.19.

A Description

This special provision describes excavating to uncover utilities/infrastructure for the purpose of determining location and elevation and potential conflicts with proposed work as directed by the engineer. The location of existing utilities and infrastructure needed to complete the contract work shall be addressed independent of this provision. This item does not remove the contractor's obligation to locate utilities as required by state and federal law.

B (Vacant)

C Construction

Comply with s.182.0175 (2), Stats., with respect to precautions to be taken to avoid and prevent damage to utility facilities.

All ULO shall be directed by the engineer in writing. Notify the engineer and infrastructure/utility owner or their agents 3 working days in advance so that they may be present when excavation work commences.

Provide documentation to the engineer including coordinates/elevations or referenced to alignment/offset. Document the size and/or diameter, composition, and a description of each infrastructure/utility. Supply digital photographs of the uncovered infrastructure to the engineer in .jpeg format for future reference.

Backfill the excavation with suitable backfill, thoroughly compact, replace pavement over utility line opening trenches which are within the staged traffic area as directed by the engineer. Replace pavement and open to traffic within 24 hours of the excavation.

D Measurement

The department will measure ULO by each individual unit, acceptably completed. Where utilities are within 6 feet of each other at a potential conflict location, only one utility line opening will be called for. In these cases, a single utility line opening will be considered full payment to locate multiple utilities. ULO include a trench up to 10 feet long as measured at the trench bottom, and of any depth required to locate the intended utility.

E Payment

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

ITEM NUMBER	DESCRIPTION	UNIT
SPV.0060.19	Utility Line Opening (ULO)	EACH

Payment is full compensation for the excavation required to expose the utility line; measuring lateral and depth measurements of the utility line; providing required documentation of measurements to the engineer; backfilling with engineer approved material; compacting the backfill material; restoring the site; cleanup, and maintenance of ULO location during construction.

Existing pavement, concrete curb and gutter, and sidewalk removals necessary to facilitate utility line openings are not considered part of or paid for under ULO but are considered separate and measured and paid for separately as removal items. Granular backfill, pavement replacement material, concrete curb, gutter, and sidewalk items will also be considered separate from ULO and will be measured and paid for separately.

44. Reconnect Storm Sewer, Item SPV.0060.20

A Description

This special provision describes connecting new storm sewer pipe or structures to existing storm sewer pipe or structures. This special provision also describes connecting a new manhole or inlet to existing pipe.

B (Vacant)

C Construction

Remove existing pipe, concrete collars, pipe seals or end walls constructed under previous projects or in earlier stages of this project. Verify that positive drainage is achieved when connecting new pipe to existing structures or storm sewer. If necessary reset pipe stubs or sections of existing pipe to ensure positive drainage. Salvage any structurally sound pipe that requires removal if prior approval is granted by the engineer. Connect the new pipe or structure to the existing pipe or structures with the appropriate coupling, concrete collar or by means approved by the engineer. Use concrete masonry for concrete collar conforming to standard spec 520.2.4.

D Measurement

The department will measure Reconnect Storm Sewer as each new pipe or structure connection to existing pipe or structure, acceptably completed. Measurement will include connections of new pipe or structures to pipe or structures placed in previous stages of the project, in addition to pipe or structures constructed under previous projects.

E Payment

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

ITEM NUMBER	DESCRIPTION	UNIT
SPV. 0060.20	Reconnect Storm Sewer	EACH

Payment is full compensation for performing all work; removing pipe, seals, end walls and concrete collars, providing all materials, coring, couplings, concrete collars. Any additional pipe or materials required to reconnect the storm sewer shall be considered incidental to this bid item.

45. Grading, Shaping and Finishing End Walls, Item SPV.0060.21.

A Description

This special provision describes grading sloped endwall area at culvert locations and grading within ditches to improve / restore drainage to existing conditions prior to culvert replacement.

B (Vacant)

C Construction

Construct embankment slopes as shown on plans, remove brush, and any required ditch grading for drainage within ditch due to end wall replacements. Properly dispose of all surplus and unsuitable material in accordance with standard spec. 205.3.12. Finish all disturbed areas with topsoil, Fertilizer Type B. Seeding Mixture No. 30, and E-Mat Class I Type B.

D Measurement

The department will measure Grading Sloped Endwall Area as Each individual unit, acceptably completed.

E Payment

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

ITEM NUMBER	DESCRIPTION	UNIT
SPV.0060.21	Grading, Shaping and Finishing End Walls	EACH

Payment is full compensation for providing required materials, grading operations, removal of waste, and for all landscaping to include; topsoil, Fertilizer Type B, Seeding Mixture No. 30, E-Mat Class I Type B, and required watering. Payment includes furnishing all labor, tools, equipment, and incidentals necessary to complete contract work required.

46. Apron Endwalls for Culvert Pipe Reinforced Concrete 8-Inch, Item SPV.0060.22

Construct the endwalls in accordance to section 520 of the standard specifications and in accordance to the plan details.

47. Ditching and Shaping, Item SPV.0090.01.

A Description

This special provision describes excavation, filling, grading and shaping as necessary to construct drainage ditches with a minimum of 0.005 foot per foot, at the locations shown on the plans, according to the pertinent requirements of the standard specifications, and as hereinafter provided.

B Vacant.

C Construction

Perform all excavation, filling, and grading necessary to construct drainage ditches from the roadway shoulder. Wheeled or tracked equipment is not allowed within the wetland areas.

Properly dispose of all surplus and unsuitable material according to standard specification 205.3.12.

D Measurement

The department will measure Ditching and Shaping by the linear foot along the ditch flow line 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	Ditching and Shaping	LF

Payment is full compensation for excavating, filling, grading, and shaping the ditch.

The department will pay separately for salvaged topsoil, erosion mat, mulch, fertilizer, seeding, and temporary seeding.

48. Storm Sewer Pipe Reinforced Concrete Class IV 8-Inch, Item SPV 0090.02

Construct the Storm Sewer Pipe in accordance to section 608 of the standard specifications and in accordance to the plan details.

49. Wall Modular Block Gravity Landscape (STA 636+74), Item SPV.0165.01.

A Description

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

B Materials

B.1 Proprietary Wall Systems

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

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

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

B.2 Design Requirements

It is the responsibility of the Contractor to submit a design and supporting documentation as required by this special provision, for review and acceptance by the department, to show the proposed wall design conforms to the design specifications. The submittal shall include the following items for review: detailed plans and shop drawings, complete design calculations, explanatory notes, supporting materials, and specifications. The detailed plans and shop drawings shall include all details, dimensions, quantities and cross-sections necessary to construct the walls. Submit shop drawings to the engineer conforming to 105.2 with electronic submittal to the fabrication library under 105.2.2. Certify that shop drawings conform to quality control standards by submitting department form [DT2329](#) with each set of shop drawings.

Department review does not relieve the contractor from responsibility for errors or omissions on shop drawings. Submit no later than 60 days from the date of notification to proceed with the project and a minimum of 30 days prior to the date proposed to begin wall construction.

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

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

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

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

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

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

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

Wall facing units shall be designed in accordance with AASHTO LRFD 11.10.2.3.

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

Wall facing units shall be installed on a leveling pad.

B.3 Wall System Components

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

B.3.1 Wall Facing

Wall facing units shall consist of precast modular concrete blocks. Furnish concrete produced by a dry-cast or wet-cast process. Concrete for all blocks shall not contain less than 565 pounds of cementitious materials per cubic yard. The contractor may use cement conforming to standard spec. 501.2.4.1 or may substitute for Portland cement at the time of batching conforming to standard spec. 501.2.4.2.2 for fly or 501.2.4.2.3 for slag. In either case the maximum total supplementary cementitious content is limited to 30% of the total cementitious content by weight.

Dry-cast concrete blocks shall be manufactured in accordance with ASTM C1372 and this specification.

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

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

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

Block dimensions may vary no more than $\pm 1/8$ inch from the standard values published by the manufacturer. Blocks must have a minimum width (front face to back face) of 8 inches. The minimum front face thickness of blocks shall be 4 inches measured perpendicular from the front face to inside voids greater than 4 square inches. The minimum allowed thickness of any other portions of the block is $1\frac{3}{4}$ inches. The front face of the blocks shall conform to plan requirements for color, texture, or patterns.

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

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

B.3.1.1 Material Testing

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

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

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

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

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

remain under the control of the person who conducted the sampling until shipped or delivered to the testing laboratory.

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

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

The certified test report shall include the following:

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

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

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

B.3.2 Leveling Pad

Provide an unreinforced cast-in-place concrete or base aggregate leveling pad. Use Grade A concrete conforming to standard spec 501 as modified in standard spec 716. Provide QMP for leveling pad concrete as specified in standard spec 716, Class III Concrete. Use Base Aggregate Dense 1 1/4-Inch conforming to standard spec 305.

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

The minimum width of the base aggregate leveling pad shall be as wide as the proposed blocks plus 12-inches, and the modular blocks centered on the leveling pad. The minimum thickness of the leveling pad shall be 12-inches after compaction.

B.3.3 Backfill

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

Wall Backfill, Type A, shall comply with No. 67 Coarse Aggregate Size per AASHTO M43. All backfill placed within a zone from the top of the leveling pad to the top of the final layer of wall facing units and within 1 foot behind the back face of the wall shall be Wall Backfill, Type A. This includes all material used to fill openings in the wall facing units.

Sieve Size	% by Weight Passing (No. 67 Coarse Aggregate size per AASHTO M43)
1 inch	100
3/4-inch	90 - 100
3/8-inch	20-55
No. 4	0 - 10
No. 8	0 - 5

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

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

C Construction

C.1 Excavation and Backfill

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

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

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

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

C.2 Compaction

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

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

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

C.3 Wall Components

C.3.1 General

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

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

C.3.2 Leveling Pad

Provide an unreinforced cast-in-place concrete or base aggregate leveling pad as shown on the plans. Vertical tolerances shall not exceed 3/4-inch when measured along a 10-foot straight edge. Allow the concrete to set at least 12 hours prior to placing wall facing units.

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

C.4 Geotechnical Information

Geotechnical data to be used in the design of the wall is given on the wall plan.

D Measurement

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

E Payment

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

ITEM NUMBER	DESCRIPTION	UNIT
SPV.0165.01	Wall Modular Block Gravity Landscape (STA 636+74)	SF

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

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

50. Asphaltic Repair, Item SPV.0195.01.

A Description

This special provision describes repairing areas of existing asphalt pavement with asphaltic mixtures for overlaying with new pavement.

B Material

Furnish nominal size No. 3 (19mm) aggregate blend graded as specified in 460.2.2.3 and conform to the other material and mixture requirements specified for asphaltic surface in 465. Use tack coat as required under 450.3.2.7.

C Construction

- (1) Remove areas of existing asphalt pavement, including existing patching or surfacing materials, at locations the plans show or the engineer directs in the field as specified for removing asphaltic surface milling in 204.3.2.2.2. Mill the connecting edges as true and perpendicular as possible, both parallel and perpendicular to the roadway, creating a vertical edge on all sides. Remove the pavement without injury to the remaining pavement. Dispose of removed material as specified in 204.3.1.3.
- (2) As an option for areas of full depth removal, the contractor may remove areas of existing asphalt pavement, including existing patching or surfacing materials, as specified for removing asphaltic surface in 204.3.2.2.1. Saw cut the connecting edges as true and perpendicular as possible, as specified for sawing pavement in 690. Remove the pavement without injury to the remaining pavement. Dispose of removed material as specified in 204.3.1.3.
- (3) Construct as specified for asphaltic surface under 465.3 except as modified here.
Replace standard spec 465.3.1(2) with the following:
 - (2) Place using self-propelled pavers. Pave at a constant speed, appropriate for the paver and mixture, that ensures uniform spreading and strike-off with a smooth, dense texture and no tearing or segregation.
Replace standard spec 465.3.1(3) with the following:
- (3) Immediately after placement, compact the mixture to produce a dense smooth surface using ordinary compaction procedures as specified in 450.3.2.6. Unless the engineer directs otherwise, compact each layer to a thickness of 6 inches or less so that the finished surface is 1/16 inch to 1/8 inch above the existing pavement surface.

D Measurement

The department will measure Asphaltic Repair by the ton acceptably completed as specified for asphaltic pavement in 450.4.

E Payment

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

ITEM NUMBER	DESCRIPTION	UNIT
SPV.0195.01	Asphaltic Repair	TON

- (2) Payment is full compensation for removing old pavement; for preparing the foundation; and for providing and compacting asphaltic mixture including asphaltic binder. Sawing existing asphalt pavement as a contractor option is incidental to the Asphaltic Repair bid item.

- (3) The department will pay separately for tack coat under the Tack Coat bid item as specified in 455.5.

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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.

107 Legal Relations and Responsibility to the Public

Add subsection 107.27 effective with the November 2024 letting.

107.27 Drones or Unmanned Aircraft Systems (UAS)

107.27.1 Licensing and Compliance

- (1) Obtain and possess the necessary Federal Aviation Administration (FAA) licenses and certifications to operate drones commercially (<https://www.faa.gov/uas>).
- (2) Comply with all FAA regulations, airspace restrictions, and local laws. Operators of small drones that are less than 55 pounds for work or business must follow all requirements as listed in Title 14, Chapter 1, Subchapter F, Part 107 of the Code of Federal Regulations (14 CFR) and obtain a remote pilot certificate (https://www.faa.gov/uas/commercial_operators).
- (3) Comply with Wisconsin State Statute 942.10. Limit operations to the specific approved purpose and employ reasonable precautions to avoid capturing images of the public except those that are incidental to the project.
- (4) Provide copies of waivers required for specific project conditions to the engineer prior to any flight.

107.27.2 Flight Approval, Safety, and Incident Reporting

- (1) Submit information in 107.27.2(2) to obtain written drone flight approval from the engineer at least 3 business days prior to operating a drone within the right-of-way. Do not operate a drone within the right-of-way unless approved by the engineer.
- (2) Drone flight application for review and approval must include:
 - UAS pilot information and qualifications, images of certification
 - UAS drone information and FAA tail numbers
 - Max/ Min allowable flight parameters (weather)
 - Specifics of flight mission: capture scope
 - Estimated flight duration
 - Pre-flight checklist
 - Site-specific parameters
 - Notification protocols - Federal/Local/Agency/Owner/Responsible in Charge
 - Confirmation and verification of approved operators and hardware
 - Flight plan map diagram (including launch and landing location)
 - FAA-Airspace flight map classification and confirmation with graphics
 - UAS incident management protocol
- (3) If contractor is requesting multiple types of the same flight, a simplified request can be submitted listing weekly flight plan.
- (4) Safety measures must include but are not limited to:
 - Regular training and updates on drone regulations are required and must be provided upon request.
 - Drones must be operated in accordance with safety guidelines, including maintaining a safe distance from people, structures, vehicles, etc.
 - Conduct a pre-flight safety assessment, considering weather conditions, airspace restrictions, and potential hazards.
 - Emergency procedures (e.g., drone malfunction, loss of control) must be documented and followed.
 - All incidents must be reported to the engineer.
- (5) If the drone has an incident during flight, report the following to the engineer:
 - Incident background and details.
 - FAA (14 CFR 107.9) and NTSB (49 CFR 870) notification protocol.
 - Contractor internal notification protocol.

107.27.3 Insurance Requirements

- (1) Maintain drone liability insurance with the following limits.
 1. For drones weighing 10 pounds or less, a liability policy with a minimum limit of \$1,000,000.00 is required.

2. For drones weighing more than 10 pounds and less than or equal to 20 pounds, a liability policy with a minimum limit of \$2,000,000.00 is required.
3. For drones weighing more than 20 pounds, notify engineer and department will determine appropriate liability policy coverage levels based on size, use, location, and other risk factors.

646 Pavement Markings

646.3.2.4 Black Epoxy

Replace paragraph (1) with the following effective with the November 2024 letting.

- (1) Apply black epoxy in a grooved slot directly after the white marking. Apply epoxy at a wet mil thickness of 20. Apply black aggregate at or exceeding 25 pounds per gallon of epoxy. Do not apply glass beads to black epoxy.

ERRATA

204.3.1.3 Salvaging or Disposal of Materials

Replace paragraph (2) to correct link from 203.3.4 to 203.3.5 effective with the November 2024 letting.

- (2) Dispose of concrete, stone, brick, and other material not designated for salvage as specified for disposing of materials under 203.3.5.

204.3.2.3 Removing Buildings

Replace paragraph (2) to correct link from 203.3.4 to 203.3.5 effective with the November 2024 letting.

- (2) Buildings removed and materials resulting from building removal become the contractor's property unless the contract specifies otherwise. Dispose of unclaimed and removed material as specified for disposing of materials in 203.3.5.

335.3.2 Rubblizing

Replace paragraph (6) to correct link from 203.3.4 to 203.3.5 effective with the November 2024 letting.

- (6) Remove reinforcing steel exposed at the surface by cutting below the surface and disposing of the steel as specified in 203.3.5. Do not remove unexposed reinforcing steel.

335.3.3 Compacting

Replace paragraph (2) to correct link from 203.3.4 to 203.3.5 effective with the November 2024 letting.

- (2) Remove loose asphaltic patching material, joint fillers, expansion material, or other similar materials from the compacted surface. Also remove pavement or patches that have a maximum dimension greater than or equal to 6 inches that are either not well seated or projecting more than one inch. Dispose of removed material as specified in 203.3.5.

526.3.4 Construction, Backfilling, Inspection and Maintenance

Replace paragraph (3) to correct link from 203.3.4 to 203.3.5 effective with the November 2024 letting.

- (3) Maintain temporary structures and approaches in place until no longer needed. Unless the engineer directs otherwise, completely remove and dispose of as specified in 203.3.5. Contractor-furnished materials remain the contractor's property upon removal.

602.3.6 Concrete Rumble Strips

Replace paragraph (5) to correct link from 203.3.4 to 203.3.5 effective with the November 2024 letting.

- (5) At the end of each workday, move equipment and material out of the clear zone and sweep or vacuum the traveled way pavement and shoulder areas. Sweep away or vacuum up milling debris before opening adjacent lanes to traffic. Dispose of waste material as specified in 203.3.5; do not place on the finished shoulder surface.

604.2 Materials

Replace paragraph (1) with the following information to remove line and link for crushed aggregate effective with the November 2024 letting. The crushed aggregate gradation information for slope paving is now found in 604.2(3).

- (1) Furnish materials conforming to the following:

Water.....	501.2
Select crushed material.....	312.2
Concrete.....	501
Reinforcement.....	505
Expansion joint filler	415.2.3
Asphaltic materials	455.2

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) for projects with a LET date on or before December 2024 and AASHTOWare Project Civil Rights and Labor (AWP CRL) for projects with a LET date on or after January 2025 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 or AWP CRL. 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 or AWP CRL 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, via the online AWP Knowledge Base, or by telephone. to schedule CRCS specific training. The AWP Knowledge Base is at: <https://awpkb.dot.wi.gov/>
- (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) For firms wishing to export payroll/labor data from their computer system, have their payroll coordinator contact:
 - For CRCS: Paul Ndon at paul.ndon@dot.wi.gov. Information about exporting payroll/labor data. Not every contractor's payroll system can produce 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>
 - For AWP CRL: Contact AWP Support at awpsupport@dot.wi.gov. Additional information can be found in the AWP Knowledge Base at <https://awpkb.dot.wi.gov/Content/crl/Payrolls-PrimesAndSubs/PayrollXMLFileCreationProcess.htm>

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://wisconsindot.gov/rdwy/cmm/cm-02-28.pdf>

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

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

Attach a list of iron or steel and construction material exemptions and their associated costs to the certification form using the Buy America Exemption Tracking Tool, available at:

<https://wisconsindot.gov/hccidocs/contracting-info/buy-america-exemption-tracking-tool.xlsx>

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 assistant 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	108.4400 CPM Progress Schedule	1.000 EACH	_____.	_____.
0004	201.0205 Grubbing	16.000 STA	_____.	_____.
0006	203.0100 Removing Small Pipe Culverts	3.000 EACH	_____.	_____.
0008	204.0110 Removing Asphaltic Surface	108.000 SY	_____.	_____.
0010	204.0115 Removing Asphaltic Surface Butt Joints	804.000 SY	_____.	_____.
0012	204.0120 Removing Asphaltic Surface Milling	98,347.000 SY	_____.	_____.
0014	204.0150 Removing Curb & Gutter	869.000 LF	_____.	_____.
0016	204.0155 Removing Concrete Sidewalk	83.000 SY	_____.	_____.
0018	204.0165 Removing Guardrail	230.000 LF	_____.	_____.
0020	204.0170 Removing Fence	2,100.000 LF	_____.	_____.
0022	204.0195 Removing Concrete Bases	15.000 EACH	_____.	_____.
0024	204.0220 Removing Inlets	3.000 EACH	_____.	_____.
0026	204.0245 Removing Storm Sewer (size) 01. (8-Inch)	50.000 LF	_____.	_____.
0028	204.0245 Removing Storm Sewer (size) 02. (12-Inch)	10.000 LF	_____.	_____.
0030	204.0245 Removing Storm Sewer (size) 03. (24-Inch)	125.000 LF	_____.	_____.



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Contract Items

Alt Set ID:

Alt Mbr ID:

Proposal Line Number	Item ID Description	Approximate Quantity and Units	Unit Price	Bid Amount
0032	204.0291.S Abandoning Sewer	70.000 CY	_____.	_____.
0034	204.9060.S Removing (item description) 01. Traffic Signal (STH 50/CTH F & Town Hall Rd/Southshore Dr)	1.000 EACH	_____.	_____.
0036	204.9060.S Removing (item description) 02. Traffic Signal (STH 50 & STH 67)	1.000 EACH	_____.	_____.
0038	204.9060.S Removing (item description) 03. Removing Loop Detector Wire & Lea(STH 50/CTH F & Town Hall Rd/Southshore Dr)	1.000 EACH	_____.	_____.
0040	204.9060.S Removing (item description) 04. Removing Loop Detector Wire & Lead-In Cable (STH 50 & STH 67)	1.000 EACH	_____.	_____.
0042	205.0100 Excavation Common	1,101.000 CY	_____.	_____.
0044	205.0501.S Excavation, Hauling, and Disposal of Petroleum Contaminated Soil	19.000 TON	_____.	_____.
0046	213.0100 Finishing Roadway (project) 01. 3170-11-70	1.000 EACH	_____.	_____.
0048	305.0110 Base Aggregate Dense 3/4-Inch	767.000 TON	_____.	_____.
0050	305.0120 Base Aggregate Dense 1 1/4-Inch	194.000 TON	_____.	_____.
0052	416.0610 Drilled Tie Bars	100.000 EACH	_____.	_____.
0054	416.0620 Drilled Dowel Bars	27.000 EACH	_____.	_____.
0056	416.1710 Concrete Pavement Repair	12.000 SY	_____.	_____.



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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
0058	416.1715 Concrete Pavement Repair SHES	13.000 SY	_____.	_____.
0060	416.1725 Concrete Pavement Replacement SHES	115.000 SY	_____.	_____.
0062	455.0605 Tack Coat	10,936.000 GAL	_____.	_____.
0064	460.2000 Incentive Density HMA Pavement	11,460.000 DOL	1.00000	11,460.00
0066	460.6223 HMA Pavement 3 MT 58-28 S	7,434.000 TON	_____.	_____.
0068	460.6424 HMA Pavement 4 MT 58-28 H	10,531.000 TON	_____.	_____.
0070	465.0110 Asphaltic Surface Patching	50.000 TON	_____.	_____.
0072	465.0120 Asphaltic Surface Driveways and Field Entrances	135.000 TON	_____.	_____.
0074	465.0125 Asphaltic Surface Temporary	54.000 TON	_____.	_____.
0076	465.0315 Asphaltic Flumes	9.000 SY	_____.	_____.
0078	520.1015 Apron Endwalls for Culvert Pipe 15-Inch	2.000 EACH	_____.	_____.
0080	520.8700 Cleaning Culvert Pipes	9.000 EACH	_____.	_____.
0082	521.3115 Culvert Pipe Corrugated Steel 15-Inch	26.000 LF	_____.	_____.
0084	601.0411 Concrete Curb & Gutter 30-Inch Type D	596.000 LF	_____.	_____.
0086	601.0415 Concrete Curb & Gutter 6-Inch Sloped 30-Inch Type J	34.000 LF	_____.	_____.



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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
0088	601.0555 Concrete Curb & Gutter 6-Inch Sloped 36-Inch Type A	27.000 LF	_____.	_____.
0090	601.0557 Concrete Curb & Gutter 6-Inch Sloped 36-Inch Type D	373.000 LF	_____.	_____.
0092	601.0600 Concrete Curb Pedestrian	13.000 LF	_____.	_____.
0094	602.0410 Concrete Sidewalk 5-Inch	1,903.000 SF	_____.	_____.
0096	602.0505 Curb Ramp Detectable Warning Field Yellow	60.000 SF	_____.	_____.
0098	606.0200 Riprap Medium	11.000 CY	_____.	_____.
0100	611.0430 Reconstructing Inlets	3.000 EACH	_____.	_____.
0102	614.0397 Guardrail Mow Strip Emulsified Asphalt	93.000 SY	_____.	_____.
0104	614.0400 Adjusting Steel Plate Beam Guard	201.000 LF	_____.	_____.
0106	614.0950 Replacing Guardrail Posts and Blocks	9.000 EACH	_____.	_____.
0108	614.0951 Replacing Guardrail Rail and Hardware	25.000 LF	_____.	_____.
0110	614.0952 Replacing Guardrail Reflectors	10.000 EACH	_____.	_____.
0112	614.2300 MGS Guardrail 3	150.000 LF	_____.	_____.
0114	614.2500 MGS Thrie Beam Transition	34.000 LF	_____.	_____.
0116	614.2610 MGS Guardrail Terminal EAT	1.000 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
0118	618.0100 Maintenance and Repair of Haul Roads (project) 01. 3170-11-70	1.000 EACH	_____.	_____.
0120	619.1000 Mobilization	1.000 EACH	_____.	_____.
0122	624.0100 Water	19.000 MGAL	_____.	_____.
0124	625.0100 Topsoil	1,926.000 SY	_____.	_____.
0126	625.0500 Salvaged Topsoil	2,163.000 SY	_____.	_____.
0128	627.0200 Mulching	773.000 SY	_____.	_____.
0130	628.1504 Silt Fence	2,999.000 LF	_____.	_____.
0132	628.1520 Silt Fence Maintenance	2,999.000 LF	_____.	_____.
0134	628.1905 Mobilizations Erosion Control	5.000 EACH	_____.	_____.
0136	628.1910 Mobilizations Emergency Erosion Control	5.000 EACH	_____.	_____.
0138	628.2008 Erosion Mat Urban Class I Type B	3,006.000 SY	_____.	_____.
0140	628.2039 Erosion Mat Class III Type D	323.000 SY	_____.	_____.
0142	628.7005 Inlet Protection Type A	1.000 EACH	_____.	_____.
0144	628.7010 Inlet Protection Type B	11.000 EACH	_____.	_____.
0146	628.7015 Inlet Protection Type C	52.000 EACH	_____.	_____.
0148	628.7020 Inlet Protection Type D	5.000 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
0150	628.7504 Temporary Ditch Checks	8.000 LF	_____.	_____.
0152	628.7555 Culvert Pipe Checks	9.000 EACH	_____.	_____.
0154	628.7570 Rock Bags	158.000 EACH	_____.	_____.
0156	629.0210 Fertilizer Type B	2.390 CWT	_____.	_____.
0158	630.0130 Seeding Mixture No. 30	118.000 LB	_____.	_____.
0160	630.0140 Seeding Mixture No. 40	68.000 LB	_____.	_____.
0162	630.0200 Seeding Temporary	113.000 LB	_____.	_____.
0164	630.0500 Seed Water	95.000 MGAL	_____.	_____.
0166	633.5200 Markers Culvert End	21.000 EACH	_____.	_____.
0168	634.0618 Posts Wood 4x6-Inch X 18-FT	38.000 EACH	_____.	_____.
0170	637.2210 Signs Type II Reflective H	155.560 SF	_____.	_____.
0172	637.2215 Signs Type II Reflective H Folding	43.100 SF	_____.	_____.
0174	637.2230 Signs Type II Reflective F	143.750 SF	_____.	_____.
0176	638.2102 Moving Signs Type II	13.000 EACH	_____.	_____.
0178	638.2602 Removing Signs Type II	34.000 EACH	_____.	_____.
0180	638.3000 Removing Small Sign Supports	23.000 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	638.4000 Moving Small Sign Supports	1.000 EACH	_____.	_____.
0184	642.5401 Field Office Type D	1.000 EACH	_____.	_____.
0186	643.0300 Traffic Control Drums	9,262.000 DAY	_____.	_____.
0188	643.0410 Traffic Control Barricades Type II	36.000 DAY	_____.	_____.
0190	643.0420 Traffic Control Barricades Type III	3,064.000 DAY	_____.	_____.
0192	643.0705 Traffic Control Warning Lights Type A	6,128.000 DAY	_____.	_____.
0194	643.0715 Traffic Control Warning Lights Type C	816.000 DAY	_____.	_____.
0196	643.0800 Traffic Control Arrow Boards	24.000 DAY	_____.	_____.
0198	643.0900 Traffic Control Signs	15,516.000 DAY	_____.	_____.
0200	643.0910 Traffic Control Covering Signs Type I	5.000 EACH	_____.	_____.
0202	643.0920 Traffic Control Covering Signs Type II	10.000 EACH	_____.	_____.
0204	643.1000 Traffic Control Signs Fixed Message	52.000 SF	_____.	_____.
0206	643.1050 Traffic Control Signs PCMS	14.000 DAY	_____.	_____.
0208	643.1070 Traffic Control Cones 42-Inch	490.000 DAY	_____.	_____.
0210	643.3165 Temporary Marking Line Paint 6-Inch	6,959.000 LF	_____.	_____.
0212	643.3180 Temporary Marking Line Removable Tape 6-Inch	8,815.000 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
0214	643.3265 Temporary Marking Line Paint 10-Inch	764.000 LF	_____.	_____.
0216	643.3280 Temporary Marking Line Removable Tape 10-Inch	868.000 LF	_____.	_____.
0218	643.3805 Temporary Marking Stop Line Paint 18-Inch	66.000 LF	_____.	_____.
0220	643.5000 Traffic Control	1.000 EACH	_____.	_____.
0222	645.0120 Geotextile Type HR	21.000 SY	_____.	_____.
0224	646.1020 Marking Line Epoxy 4-Inch	732.000 LF	_____.	_____.
0226	646.2020 Marking Line Epoxy 6-Inch	3,808.000 LF	_____.	_____.
0228	646.2040 Marking Line Grooved Wet Ref Epoxy 6-Inch	72,524.000 LF	_____.	_____.
0230	646.3020 Marking Line Epoxy 8-Inch	125.000 LF	_____.	_____.
0232	646.4020 Marking Line Epoxy 10-Inch	3,309.000 LF	_____.	_____.
0234	646.4040 Marking Line Grooved Wet Ref Epoxy 10-Inch	1,464.000 LF	_____.	_____.
0236	646.5020 Marking Arrow Epoxy	51.000 EACH	_____.	_____.
0238	646.5120 Marking Word Epoxy	11.000 EACH	_____.	_____.
0240	646.6120 Marking Stop Line Epoxy 18-Inch	426.000 LF	_____.	_____.
0242	646.6220 Marking Yield Line Epoxy 18-Inch	87.000 EACH	_____.	_____.



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Contract Items

Alt Set ID:

Alt Mbr ID:

Proposal Line Number	Item ID Description	Approximate Quantity and Units	Unit Price	Bid Amount
0244	646.7120 Marking Diagonal Epoxy 12-Inch	2,233.000 LF	_____.	_____.
0246	646.7520 Marking Crosswalk Epoxy Block Style 24-Inch	318.000 LF	_____.	_____.
0248	646.8120 Marking Curb Epoxy	180.000 LF	_____.	_____.
0250	646.8220 Marking Island Nose Epoxy	18.000 EACH	_____.	_____.
0252	646.9000 Marking Removal Line 4-Inch	1,722.000 LF	_____.	_____.
0254	646.9100 Marking Removal Line 8-Inch	470.000 LF	_____.	_____.
0256	646.9200 Marking Removal Line Wide	245.000 LF	_____.	_____.
0258	646.9300 Marking Removal Special Marking	6.000 EACH	_____.	_____.
0260	648.0100 Locating No-Passing Zones	3.860 MI	_____.	_____.
0262	650.4000 Construction Staking Storm Sewer	1.000 EACH	_____.	_____.
0264	650.5000 Construction Staking Base	445.000 LF	_____.	_____.
0266	650.5500 Construction Staking Curb Gutter and Curb & Gutter	628.000 LF	_____.	_____.
0268	650.6000 Construction Staking Pipe Culverts	1.000 EACH	_____.	_____.
0270	650.8000 Construction Staking Resurfacing Reference	21,957.000 LF	_____.	_____.
0272	650.8501 Construction Staking Electrical Installations (project) 01. 3170-11-70	1.000 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
0274	650.9000 Construction Staking Curb Ramps	6.000 EACH	_____.	_____.
0276	650.9500 Construction Staking Sidewalk (project) 01. 3170-11-70	1.000 EACH	_____.	_____.
0278	650.9911 Construction Staking Supplemental Control (project) 01. 3170-11-70	1.000 EACH	_____.	_____.
0280	650.9920 Construction Staking Slope Stakes	1,300.000 LF	_____.	_____.
0282	652.0225 Conduit Rigid Nonmetallic Schedule 40 2-Inch	434.000 LF	_____.	_____.
0284	652.0235 Conduit Rigid Nonmetallic Schedule 40 3-Inch	506.000 LF	_____.	_____.
0286	652.0605 Conduit Special 2-Inch	794.000 LF	_____.	_____.
0288	652.0615 Conduit Special 3-Inch	580.000 LF	_____.	_____.
0290	652.0800 Conduit Loop Detector	1,576.000 LF	_____.	_____.
0292	653.0135 Pull Boxes Steel 24x36-Inch	7.000 EACH	_____.	_____.
0294	653.0140 Pull Boxes Steel 24x42-Inch	12.000 EACH	_____.	_____.
0296	653.0900 Adjusting Pull Boxes	1.000 EACH	_____.	_____.
0298	653.0905 Removing Pull Boxes	14.000 EACH	_____.	_____.
0300	654.0101 Concrete Bases Type 1	4.000 EACH	_____.	_____.
0302	654.0102 Concrete Bases Type 2	1.000 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
0304	654.0105 Concrete Bases Type 5	2.000 EACH	_____.	_____.
0306	654.0110 Concrete Bases Type 10	3.000 EACH	_____.	_____.
0308	654.0120 Concrete Bases Type 10-Special	5.000 EACH	_____.	_____.
0310	654.0217 Concrete Control Cabinet Bases Type 9 Special	1.000 EACH	_____.	_____.
0312	655.0230 Cable Traffic Signal 5-14 AWG	1,009.000 LF	_____.	_____.
0314	655.0240 Cable Traffic Signal 7-14 AWG	413.000 LF	_____.	_____.
0316	655.0260 Cable Traffic Signal 12-14 AWG	5,254.000 LF	_____.	_____.
0318	655.0270 Cable Traffic Signal 15-14 AWG	263.000 LF	_____.	_____.
0320	655.0320 Cable Type UF 2-10 AWG Grounded	2,108.000 LF	_____.	_____.
0322	655.0515 Electrical Wire Traffic Signals 10 AWG	4,350.000 LF	_____.	_____.
0324	655.0610 Electrical Wire Lighting 12 AWG	1,926.000 LF	_____.	_____.
0326	655.0700 Loop Detector Lead In Cable	4,327.000 LF	_____.	_____.
0328	655.0800 Loop Detector Wire	5,242.000 LF	_____.	_____.
0330	655.0900 Traffic Signal EVP Detector Cable	3,250.000 LF	_____.	_____.
0332	656.0201 Electrical Service Meter Breaker Pedestal (location) 01. (STH 50/CTH F & Town Hall Rd/South Shore Dr)	1.000 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
0334	657.0100 Pedestal Bases	8.000 EACH	_____.	_____.
0336	657.0255 Transformer Bases Breakaway 11 1/2-Inch Bolt Circle	4.000 EACH	_____.	_____.
0338	657.0305 Poles Type 2	1.000 EACH	_____.	_____.
0340	657.0310 Poles Type 3	1.000 EACH	_____.	_____.
0342	657.0322 Poles Type 5-Aluminum	2.000 EACH	_____.	_____.
0344	657.0420 Traffic Signal Standards Aluminum 13-FT	2.000 EACH	_____.	_____.
0346	657.0425 Traffic Signal Standards Aluminum 15-FT	6.000 EACH	_____.	_____.
0348	657.0609 Luminaire Arms Single Member 4-Inch Clamp 6-FT	1.000 EACH	_____.	_____.
0350	657.0610 Luminaire Arms Single Member 4 1/2-Inch Clamp 6-FT	2.000 EACH	_____.	_____.
0352	658.0173 Traffic Signal Face 3S 12-Inch	24.000 EACH	_____.	_____.
0354	658.0174 Traffic Signal Face 4S 12-Inch	16.000 EACH	_____.	_____.
0356	658.5070 Signal Mounting Hardware (location) 01. Signal Mounting Hardware (STH 50/CTH F & Town Hall Rd/South Shore Dr)	1.000 EACH	_____.	_____.
0358	658.5070 Signal Mounting Hardware (location) 02. Signal Mounting Hardware (STH 50 & STH 67)	1.000 EACH	_____.	_____.
0360	659.1125 Luminaires Utility LED C	14.000 EACH	_____.	_____.



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Proposal Line Number	Item ID Description	Approximate Quantity and Units	Unit Price	Bid Amount
0362	659.5000.S Lamp, Ballast, LED, Switch Disposal by Contractor	53.000 EACH	_____.	_____.
0364	661.0201 Temporary Traffic Signals for Intersections (location) 01. (STH 50/CTH F & Town Hall Rd/South Shore Dr)	1.000 EACH	_____.	_____.
0366	661.0201 Temporary Traffic Signals for Intersections (location) 02. (STH 50 & STH 67)	1.000 EACH	_____.	_____.
0368	661.0300 Generators	2.000 DAY	_____.	_____.
0370	677.0200 Install Camera Assembly	2.000 EACH	_____.	_____.
0372	690.0150 Sawing Asphalt	628.000 LF	_____.	_____.
0374	690.0250 Sawing Concrete	533.000 LF	_____.	_____.
0376	740.0440 Incentive IRI Ride	15,110.000 DOL	1.00000	15,110.00
0378	SPV.0035 Special 01. Re-Grade Shoulder And Hauling Material	5.000 CY	_____.	_____.
0380	SPV.0060 Special 01. Install Poles Type 9	1.000 EACH	_____.	_____.
0382	SPV.0060 Special 02. Install Poles Type 10	2.000 EACH	_____.	_____.
0384	SPV.0060 Special 03. Install Poles Type 9 Special	5.000 EACH	_____.	_____.
0386	SPV.0060 Special 04. Install Monotube Arms 20-FT	1.000 EACH	_____.	_____.
0388	SPV.0060 Special 05. Install Monotube Arms 30-FT	2.000 EACH	_____.	_____.



Proposal Schedule of Items

Page 14 of 15

Proposal ID: 20250610006 Project(s): 3170-11-70

Federal ID(s): N/A

SECTION: 0001

Contract Items

Alt Set ID:

Alt Mbr ID:

Proposal Line Number	Item ID Description	Approximate Quantity and Units	Unit Price	Bid Amount
0390	SPV.0060 Special 06. Install Monotube Arms 40-FT Type 9/10 Spec Pole	3.000 EACH	_____.	_____.
0392	SPV.0060 Special 07. Install Monotube Arms 45-FT Type 9/10 Spec Pole	2.000 EACH	_____.	_____.
0394	SPV.0060 Special 08. Install Luminaire Arms Steel 15-FT	2.000 EACH	_____.	_____.
0396	SPV.0060 Special 09. Trnspt & Install State Furn Traffic Signal Cabinet STH 50 & TH. RD / SS DR	1.000 EACH	_____.	_____.
0398	SPV.0060 Special 10. Trnspt & Install State Furn Traffic Signal Cabinet STH 50 & STH 67	1.000 EACH	_____.	_____.
0400	SPV.0060 Special 11. Trnspt & Install State Furn Radar Detect Sys STH 50 & STH 67	1.000 EACH	_____.	_____.
0402	SPV.0060 Special 12. Trnspt Traffic Signal & Inter Lighting Materials STH 50 & TH. RD / SS DR.	1.000 EACH	_____.	_____.
0404	SPV.0060 Special 13. Trnspt Traffic Signal & Inter Lighting Materials STH 50 & STH 67	1.000 EACH	_____.	_____.
0406	SPV.0060 Special 14. Trnspt & Install State Furn EVP Heads STH 50 & Town Hall Rd/ South Shore Dr.	1.000 EACH	_____.	_____.
0408	SPV.0060 Special 15. Trnspt & Install State Furn EVP Heads STH 50 & STH 67	1.000 EACH	_____.	_____.
0410	SPV.0060 Special 16. Temp Infrared EVP System STH 50 & Town Hall Rd/ South Shore Dr.	1.000 EACH	_____.	_____.
0412	SPV.0060 Special 17. Drainage Structure Repair And Cleaning	36.000 EACH	_____.	_____.



Proposal Schedule of Items

Page 15 of 15

Proposal ID: 20250610006 Project(s): 3170-11-70

Federal ID(s): N/A

SECTION: 0001

Contract Items

Alt Set ID:

Alt Mbr ID:

Proposal Line Number	Item ID Description	Approximate Quantity and Units	Unit Price	Bid Amount
0414	SPV.0060 Special 18. Reset Retie End Section	7.000 EACH	_____.	_____.
0416	SPV.0060 Special 19. ULO	1.000 EACH	_____.	_____.
0418	SPV.0060 Special 20. Reconnect Storm Sewer	1.000 EACH	_____.	_____.
0420	SPV.0060 Special 21. Grading Shaping, and Finishing Endwalls	8.000 EACH	_____.	_____.
0422	SPV.0060 Special 22. Apron Endwall For Culvert Pipe Reinforced Concrete 8-Inch	1.000 EACH	_____.	_____.
0424	SPV.0090 Special 01. Ditching And Shaping	200.000 LF	_____.	_____.
0426	SPV.0090 Special 02. Storm Sewer Pipe Reinforced Concrete Class IV 8-Inch	50.000 LF	_____.	_____.
0428	SPV.0165 Special 01. Wall Modular Block Gravity Landscape	56.000 SF	_____.	_____.
0430	SPV.0195 Special 01. Asphalt Repair	1,822.000 TON	_____.	_____.
Section: 0001			Total:	_____.
			Total Bid:	_____.

PLEASE ATTACH ADDENDA HERE



June 3, 2025

Wisconsin Department of Transportation

Division of Transportation Systems Development

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

Telephone: (608) 266-1631

Facsimile (FAX): (608) 266-8459

NOTICE TO ALL CONTRACTORS:

Proposal #06: 3170-11-70
Delavan – Lake Geneva
Lake Lawn to STH 67
STH 050
Walworth County

Letting of June 10, 2025

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

Special Provisions:

Revised Special Provisions	
Article No.	Description
3	Prosecution and Progress
30	Traffic Signal Faces

Schedule of Items:

Revised Bid Item Quantities					
Bid Item	Item Description	Unit	Proposal Total Prior to Addendum	Proposal Quantity Change (-)	Proposal Total After Addendum
SPV.0165.01	Wall Modular Block Gravity Landscape	SF	56	3	59

Plan Sheets:

Revised Plan Sheets	
Plan Sheet	Plan Sheet Title (brief description of changes to sheet)
15	Construction Details - Revised Wall Modular Block Gravity Landscape pay limits
24	Construction Details - Revised curb and gutter detail to show guardrail correctly
32	Plan Details – Added offset distance to the MGS EAT, Guardrail, and Thrie Beam
212	Miscellaneous Quantities– Revised quantity for Wall Modular Block Gravity Landscape

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

Sincerely,

Mike Coleman

Proposal Development Specialist
Proposal Management Section

ADDENDUM NO. 01

3170-11-70

June 3, 2025

Special Provisions

3. Prosecution and Progress

Replace paragraph 5 with the following:

Complete removing asphaltic surface milling prior to performing base patching and asphaltic repairs. Full depth asphalt repairs for signal loop replacement can be performed anytime prior to paving operations.

30. Traffic Signal Faces

Replace paragraph 2 with the following:

(3) For traffic signal faces: furnish signal housings, visors, LED modules, backplates, and cut away or tunnel type visors as the plans show. The visors shall be a dull black.

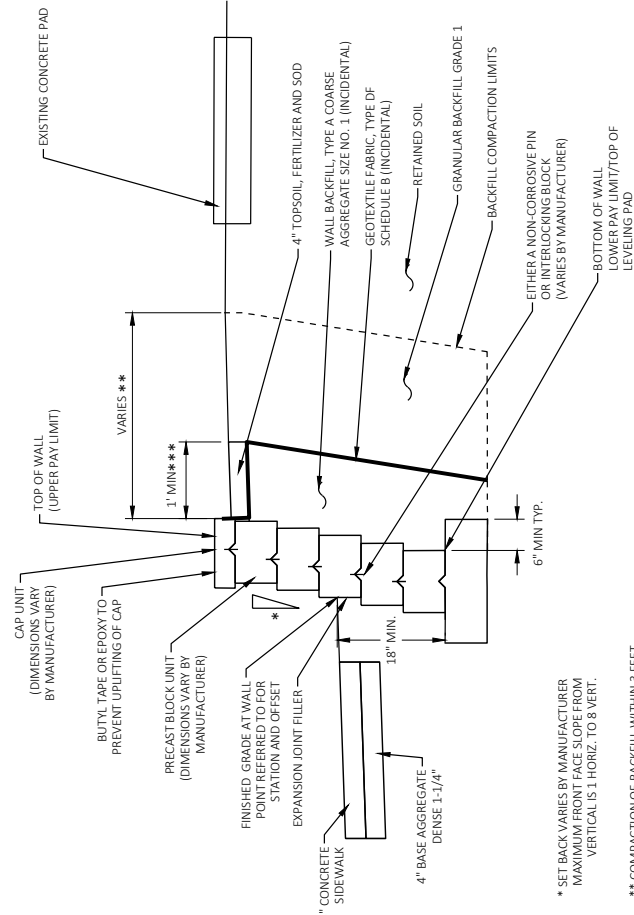
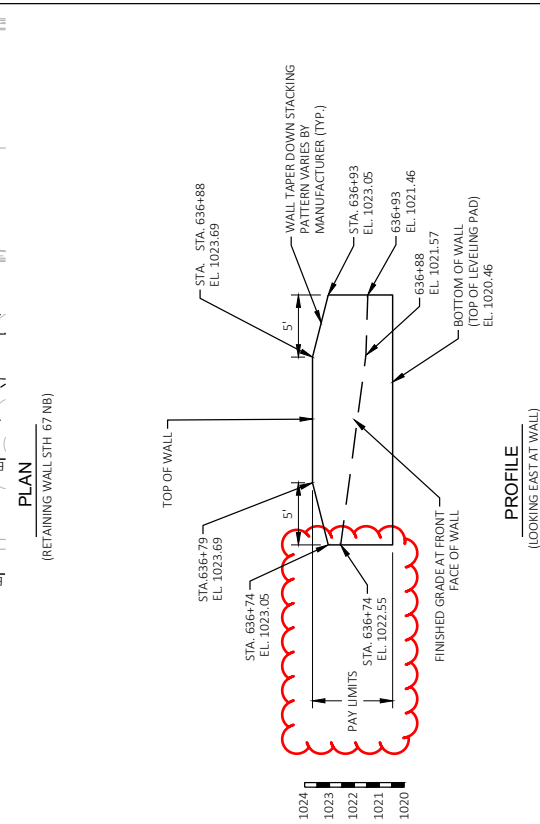
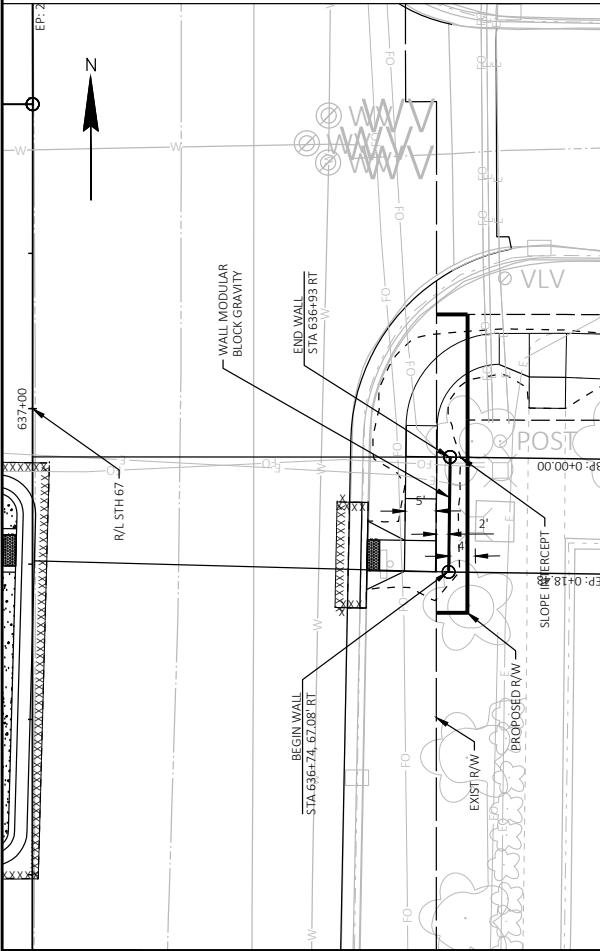
Schedule of Items

Attached, dated June 10, 2025, are the revised Schedule of Items Page 15.

Plan Sheets

The following 8½ x 11-inch sheets are attached and made part of the plans for this proposal:
Revised: 15, 24, 32, and 212.

END OF ADDENDUM



Addendum No. 01
ID 3170-11-70
Revised Sheet 15
June 3, 2025

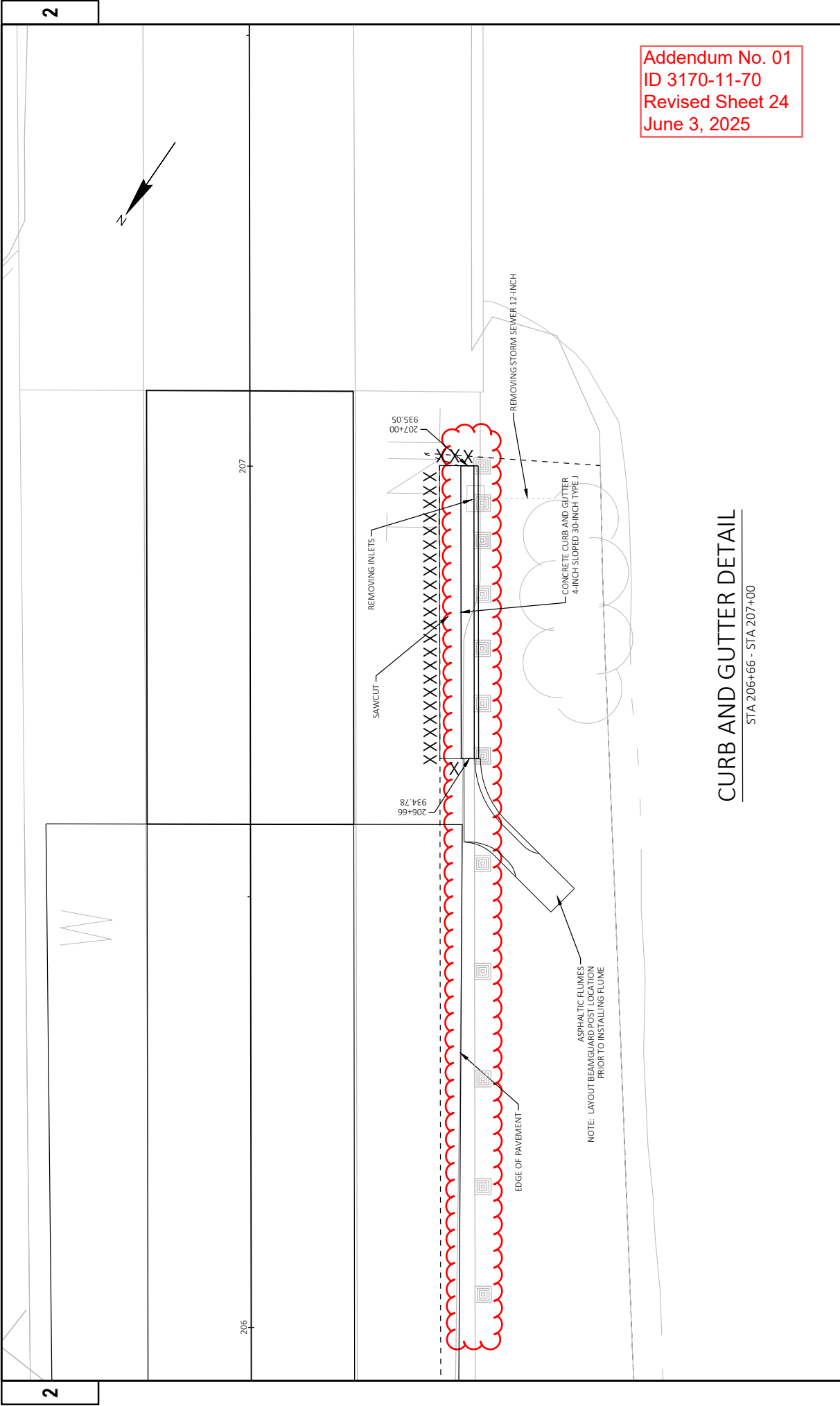
TYPICAL CROSS SECTION
MODULAR CONCRETE UNIT
NOT TO SCALE

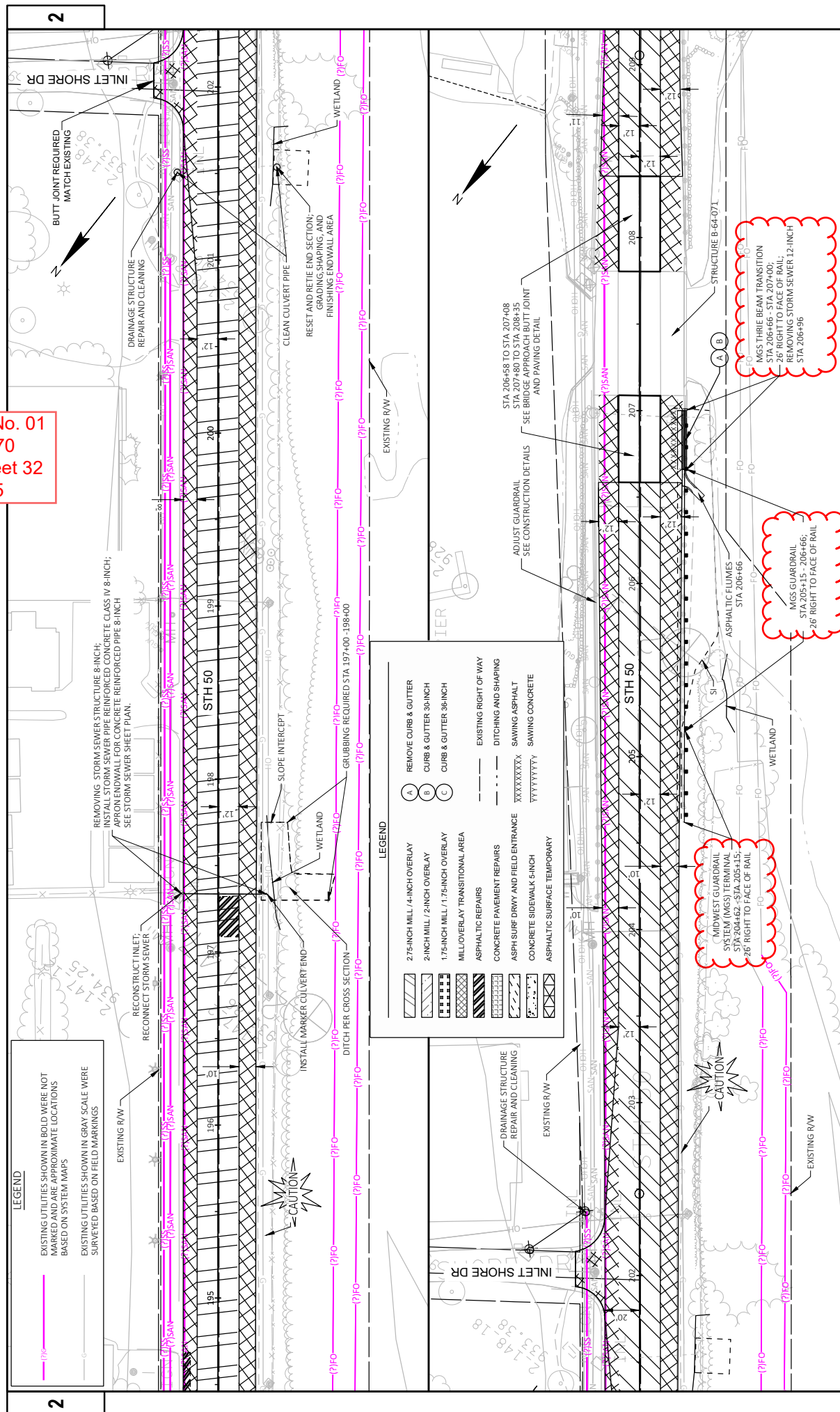
* SET BACK VARIES BY MANUFACTURER
MAXIMUM FRONT FACE SLOPE FROM
VERTICAL IS 1 HORIZ. TO 8 VERT.

**** COMPACTION OF BACKFILL WITHIN 3 FEET OF THE BACK FACE OF THE WALL SHOULD BE ACCOMPLISHED USING LIGHTWEIGHT COMPACTION DEVICES. BACKFILL LIFTS SHALL BE NO MORE THAN 8 INCHES IN DEPTH AFTER COMPACTION**

*** WITHIN 1 FOOT BEHIND THE BACK FACE OF THE WALL SHALL BE WALL BACKFILL TYPE A
COMPACT WALL BACKFILL TYPE A WITH AT LEAST 3 PASSES

NOTE: THE COLOR AND SURFACE
TEXTURE OF THE BLOCK SHALL BE TAN
OR SANDSTONE WITH A SPLIT FACE





SAWCUTTING ITEMS

CATEGORY	LOCATION	STATION	STATION	OFFSET	690.0150		690.0250	
					SAWMING ASPHALT	LF	SAWMING CONCRETE	LF
0010								
STH 50								
		142+00	-	142+30	LT	--		85
		206+66		207+00	RT	42		--
		216+70	-	216+90	LT	76		--
		217+00	-	217+42	LT	103		--
		338+36	-	339+19	LT	43		--
		340+97	-	341+03	RT	--		35
		344+45	-	344+75	RT	--		98
		344+78	-	344+86	LT	--		25
		345+19	-	345+26	RT	--		43
STH 67								
		636+24	-	636+91	RT/LT	166		--
		636+68	-	636+85	RT	27		--
		636+72	-	637+33	LT	91		--
		637+67	-	638+27	LT	80		--
		643+37	-	643+52	LT			25
		646+30	-	646+34	RT	--		25
		647+04	-	647+18	LT	--		66
STH 50 & 67								
SIGNAL POLES								
		646+29	-	646+43	RT	--		34
		647+06	-	647+18	LT	--		33
		647+82	-	647+92	RT	--		31
		648+39	-	648+51	LT	--		33
TOTAL						628		533

WALL MODULAR BLOCK GRAVITY LANDSCAPE

SPV. 0165.01
WALL MODULAR
BLOCK GRAVITY
LANDSCAPE

CATEGORY	LOCATION	STATION	-	STATION	OFFSET	SF
0010	STH 50	636+74	-	636+92	RT	59
TOTAL						59

DITCHING AND SHAPING

SPV. 0090.01
DITCHING
AND SHAPING

CATEGORY	STAGE	LOCATION	OFFSET	LF
0010				
STH 50				
	1	STA 149+63		40
		STA 213+50		65
		STA 217+03		20
		STA 232+35		10
		STA 287+55		5
		STA 313+77		40
		STA 329+52		20
TOTAL				200

Addendum No. 01
ID 3170-11-70
Revised Sheet 212
June 3, 2025

CONSTRUCTION STAKING (3170-11-70)

CATEGORY	LOCATION	650.4000		650.5000		650.5500		650.6000		650.8000		650.8501		650.9000		650.9500		650.9911		650.9920	
		CONSTRUCTION	STAKING	CONSTRUCTION	STAKING	CONSTRUCTION	STAKING	CONSTRUCTION	STAKING	CONSTRUCTION	STAKING	CONSTRUCTION	STAKING	CONSTRUCTION	STAKING	CONSTRUCTION	STAKING	CONSTRUCTION	STAKING	CONSTRUCTION	STAKING
0010	PROJECT ID 3170-11-70 PROJECT	1	445	628	1	21957	1	6	1	1300											
	TOTAL	1	445	628	1	21957	1	6	1	1	1300										



Proposal Schedule of Items

Page 15 of 15

Proposal ID: 20250610006 Project(s): 3170-11-70

Federal ID(s): N/A

SECTION: 0001

Contract Items

Alt Set ID:

Alt Mbr ID:

Proposal Line Number	Item ID Description	Approximate Quantity and Units	Unit Price	Bid Amount
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0418	SPV.0060 Special 20. Reconnect Storm Sewer	1.000 EACH	_____.	_____.
0420	SPV.0060 Special 21. Grading Shaping, and Finishing Endwalls	8.000 EACH	_____.	_____.
0422	SPV.0060 Special 22. Apron Endwall For Culvert Pipe Reinforced Concrete 8-Inch	1.000 EACH	_____.	_____.
0424	SPV.0090 Special 01. Ditching And Shaping	200.000 LF	_____.	_____.
0426	SPV.0090 Special 02. Storm Sewer Pipe Reinforced Concrete Class IV 8-Inch	50.000 LF	_____.	_____.
0428	SPV.0165 Special 01. Wall Modular Block Gravity Landscape	59.000 SF	_____.	_____.
0430	SPV.0195 Special 01. Asphalt Repair	1,822.000 TON	_____.	_____.
Section: 0001			Total:	_____.
			Total Bid:	_____.

