

HIGHWAY WORK PROPOSAL

Wisconsin Department of Transportation
06/2017 s.66.0901(7) Wis. Stats

Proposal Number: **036**

<u>COUNTY</u>	<u>STATE PROJECT</u>	<u>FEDERAL</u>	<u>PROJECT DESCRIPTION</u>	<u>HIGHWAY</u>
Kenosha	3738-08-70	N/A	104th Street, V Pleasant Prairie; Pleasant Prairie Welcome Center	STH 165

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: December 11, 2018 Time (Local Time): 9:00 am	Firm Name, Address, City, State, Zip Code
Contract Completion Time August 23, 2019	SAMPLE NOT FOR BIDDING PURPOSES
Assigned Disadvantaged Business Enterprise Goal 0%	This contract is exempt from federal oversight.

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

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

Subscribed and sworn to before me this date _____

(Signature, Notary Public, State of Wisconsin)

(Bidder Signature)

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

(Print or Type Bidder Name)

(Date Commission Expires)

(Bidder Title)

Notary Seal

Type of Work: Excavation, Base, Concrete Pavement, Asphaltic Surface, Curb and Gutter, Sidewalk, Signs, Pavement Marking, Lighting	For Department Use Only
Notice of Award Dated	Date Guaranty Returned

**PLEASE ATTACH
PROPOSAL GUARANTY HERE**

Effective with November 2007 Letting

PROPOSAL REQUIREMENTS AND CONDITIONS

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

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

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

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

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

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

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

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

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

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

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

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

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

Effective with August 2015 Letting

BID PREPARATION

Preparing the Proposal Schedule of Items

A General

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

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

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

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

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

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

or by calling the department at (608) 266-1631. Addenda can ONLY be obtained from the 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:
 1. Have a properly executed annual bid bond on file with the department.

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

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

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

Bidder Name

BN00

Proposals: 1, 12, 14, & 22

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

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

C Waiver of Electronic Submittal

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

PROPOSAL BID BOND

DT1303 1/2006

Wisconsin Department of Transportation

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

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

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

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

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

PRINCIPAL

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

(Signature and Title)

(Company Name)

(Signature and Title)

(Company Name)

(Signature and Title)

(Company Name)

(Signature and Title)

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)

March 2010

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]

DECEMBER 2000

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

Instructions for Certification

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

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

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

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

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

Special Provisions

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SPECIAL PROVISIONS

1. General.

Perform the work under this construction contract for Project 3738-08-70, 104th Street, V Pleasant Prairie, Pleasant Prairie Welcome Center, STH 165, Kenosha 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, 2019 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 (20180628)

2. Scope of Work.

The work under this contract shall consist of grading, pavement removal, base aggregate dense, concrete pavement, HMA pavement, culvert installations, erosion control, storm sewer, concrete curb and gutter, concrete sidewalk, pavement marking, permanent signing, temporary traffic control, diamond grinding, lighting and all incidental items necessary to complete the work as shown on the plans and included in the proposal and contract.

104-005 (20090901)

3. Prosecution and Progress.

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

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

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

Schedule weekly coordination meetings with the department, and provide a 2-week schedule of operations for all anticipated work, including a description of the type of work, and all anticipated closures for the upcoming weeks.

Notify the engineer two weeks prior to beginning work on 120th Ave and STH 165, to allow for coordination with the local businesses.

Interim Completion of Work 5/23/2019

Complete construction operations on STH 165 and on 120th Avenue to the stage necessary to reopen all lanes to through traffic prior to 12:01 AM, May 24, 2019. Do not reopen until completing the following work: concrete paving, storm sewer, curb and gutter, and signals.

If the contractor fails to complete the work necessary to reopen all lanes of STH 165 and 120th Avenue to through traffic prior to 12:01 AM, May 24, 2019, the department will assess the contractor \$2,000 in interim liquidated damages for each calendar day that the lanes remain closed after 12:01 AM, May 24, 2019. An entire calendar day will be charged for any period of time within a calendar day that the road remains closed beyond 12:01 AM.

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

A Schedule of Operations

The schedule of operations shall conform to the requirements described below, unless modifications are approved in writing by the engineer.

Perform the work in the order shown on the Construction Staging plans and as hereinafter detailed. The construction operations listed in the construction staging descriptions below are not a complete list of the operations required to complete this project; additional operations may be required

The following construction and traffic control activities are anticipated for the various stages. Additional construction staging concepts are shown in the plan details.

Stage 1A: Construct STH 165 Right Lane and 120th Ave Left Turn Lane Extension

- Construct STH 165 right lane extension from Station 406+00.00J to Station 411+79.33J.
- Construct left turn lane extension on 120th Ave from Station 91+25.00D to Station 96+00.00D.

Stage 1B: Construct Welcome Center Exit

- Construct Welcome Center Exit from Station 22+69.11A to Station 28+18.12A.
- Construct RV Parking Expansion from Station 19+00.00C to Station 23+22.00C.
- Begin Northbound Exit Ramp removal.

Stage 2: Complete removal of the Northbound Exit Ramp

- Construct Northbound Exit Ramp removal and new curb.
- Construct Access from Car Parking to Welcome Center Exit from Station 21+16.11A to Station 22+52.63A.

Stage 3: Car Parking Diamond Grinding

- Diamond-grind Car Parking area and restripe the parking stalls.

4. Traffic.

A General

IH-94 Northbound Exit Ramp

Keep the IH-94 Northbound Exit Ramp to STH 165 open to at least one lane of traffic at all times.

STH 165

Maintain two lanes open to traffic on STH 165 eastbound at all times with the exception of maintaining one lane open to traffic to complete the concrete pavement replacement on the existing outside lane. Maintain a minimum of an 11' lane width at all times on STH 165.

120th Ave

Keep northbound through lane and one left turn lane on 120th Ave open at all times. One turn lane may be temporarily closed as needed to complete construction of left-turn lane extension. The width of the southbound through-lane on 120th Ave may be reduced to a minimum of 11' as needed to complete construction of the 120th Ave left-turn lane extension.

The width of the southbound through-lane on 120th Ave may be reduced to a minimum of 11' as needed to complete construction of the Welcome Center Exit. All work on 120th Ave. should be completed in a timely manner.

Welcome Center Car Parking

The car parking lot in the Welcome Center may be closed overnight for up to 3 consecutive nights in order to complete the diamond grinding and pavement marking. Place a PCMS in the car lot 10 days before the start of the diamond grinding operation to advise patrons about the planned lot closure.

Welcome Center RV Parking

The contractor may close four parking spaces in the RV parking lot for work related to the existing concrete island at the south end of the lot as well as completing tie-in work for the proposed RV Expansion.

Welcome Center Truck Parking

The contractor may close three parking spaces in the truck parking lot during Stage 1. Do not close the existing northbound entrance ramp to IH-94 from the truck parking lot.

B Traffic Control Description

Stage 1A

- Close outside lane on eastbound STH 165 to complete the right turn lane extension work.
- Close inside left-turn lane to complete the 120th Ave left-turn lane extension.

Stage 1B

- Close the northbound IH-94 Exit Slip Ramp into the Welcome Center. Maintain access to the Welcome Center from the STH 165 entrance.

Stage 2

- Open Welcome Center Exit from truck parking to 120th Ave.

Stage 3A

- Close car parking overnight, as needed, for diamond grinding of the car parking area and pavement marking application.

C Definitions

The following definitions shall apply to this contract:

Night-Time Work Hours:

9:00 PM to 6:00 AM

D Wisconsin Lane Closure System Advance Notification

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

TABLE 108-1 CLOSURE TYPE AND REQUIRED MINIMUM ADVANCE NOTIFICATION

Closure type with height, weight, or width restrictions (available width, all lanes in one direction < 16')	MINIMUM NOTIFICATION
Lane and shoulder closures	7 calendar days
Full roadway closures	7 calendar days
Ramp closures	7 calendar days
Detours	7 calendar days
Closure type without height, weight, or width restrictions (available width, all lanes in one direction ≥ 16')	MINIMUM NOTIFICATION
Lane and shoulder closures	3 business days
Ramp closures	3 business days
Modifying all closure types	3 business days

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

The department has the authority to disallow any requested closures or width restrictions.

5. Holiday Work Restrictions.

Do not perform work on, nor haul materials of any kind along or across any portion of the highway carrying IH41/IH94 or STH 165 traffic, and entirely clear the traveled way and shoulders of such portions of the highway, including all paved areas within the Pleasant Prairie Welcome Center, of equipment, barricades, signs, lights, and any other material that might impede the free flow of traffic during the following holiday periods:

- From noon Friday, May 24, 2019 to 6:00 AM Tuesday, May 28, 2019 for Memorial Day;
- From noon Wednesday, July 3, 2019 to 6:00 AM Monday, July 8, 2019 for Independence Day.

107-005 (20050502)

6. Utilities.

The contract comes under the provisions of Wisconsin Administrative Code Ch. Trans 220.

Underground and overhead utility facilities are located within the project limits. Utility adjustments are required for this construction project as noted below. Coordinate construction activities with a call to Diggers Hotline or a direct call to the utilities that have facilities in the area as required per statutes. Use caution to insure the integrity of underground facilities and maintain code clearances from overhead facilities at all times.

Contact each utility company listed in the plans, prior to preparing bids, to obtain current information on the status of existing and any new utility relocation work.

107-SER2 (20101021)

The following utilities are adjusted as part of this contract:

- WisDOT (Lighting)
- WisDOT (Signals)

The following utilities have facilities within the construction limits:

- **We Energies – Gas** will be altering or replacing a section (10' or so) of the gas service to the welcome center itself, at station 22+84 in the area of 60' to 70' RT in the RV parking expansion area during road construction, after rough grading to the hill is performed. We Energies Gas would like a 5-day notice to their work to call in hotlines and schedule. We Energies Gas takes 2 working days for alteration work.

Contact for We Energies Gas is Chris DeGrave at (262) 886-7018.

We Energies Gas has facilities within the construction limits. It is imperative that the highway contractor contact We Energies if 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 lines to arrange for this verification. We Energies Gas Dispatch, 1 (800) 261-5325.

- **We Energies –Electric** has electric pole at approximately at Station 28+15. This unit will be moved about 120-ft North and will require extension of the conduit and wire. We Energies Electric will move their facilities prior to construction.

Contact for We Energies Electric is Francisco Chavez at (414) 944-5540.

We Energies Electric has facilities within the construction limits. It is imperative that the highway contractor contact We Energies if removing any electrical underground cables, to verify that they have been discontinued and carry no electrical current. 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 lines to arrange for this verification. We Energies Electric Dispatch, 1 (800) 662-4797.

The following utilities have facilities within the construction limits, however, no adjustments are anticipated:

- Midwest Fiber Networks
- Frontier Communications

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

The department has obtained a U.S. Army Corps of Engineers Section 404 permit. Comply with the requirements of the permit in addition to requirements of the special provisions. A copy of the permit is available from the regional office by contacting Christopher Hager at (414) 750-1487.

107-054 (20080901)

8. Erosion Control.

The contractor shall prepare and submit an erosion control implementation plan (ECIP) for the project including borrow sites, material disposal sites, dust control, and dewatering according to Chapter TRANS 401 requirements. The erosion control implementation plan shall supplement information shown on the plans and shall not reproduce it. The erosion control implementation plan shall identify how the contractor intends to implement the project's erosion control plan.

Provide the ECIP 14 calendar days prior to the pre-construction conference. Provide 1 copy of the ECIP to WisDOT and 1 copy of the ECIP to the WDNR Liaison (Craig Webster, (262) 547-2141, craig.webster@wisconsin.gov). Pursue operations in a timely and diligent manner, continuing all construction operations methodically from the initial removals and topsoil stripping operations through the subsequent grading, paving, and re-topsoiling to minimize the period of exposure to possible erosion. Do not implement the ECIP until it has been approved by the department.

Re-topsoil of graded areas, as designated by the engineer, immediately after grading is completed within those areas. Seed, fertilize, and mulch/erosion mat top-soiled areas, as designated by the engineer, within 5 calendar days after placement of topsoil. If graded areas are left exposed for more than 14 calendar days, seed those areas with temporary seed and mulch.

When performing roadway cleaning operations, the contractor shall use equipment having vacuum or water spray mechanism to eliminate the dispersion of dust. If vacuum equipment is employed, it shall have suitable self-contained particulate collectors to prevent discharge from the collection bin into the atmosphere.

When performing sawcutting operations, concrete slurry shall be squeegeed off to the shoulder gravel and not allowed into ditches or wetlands.

Stockpile excess material or spoils on upland areas away from wetlands, floodplains and waterways. Stockpiled soil shall be protected against erosion. If stockpiled material is left for more than 14 calendar days, seed the stockpile with temporary seed and mulch.

Do not pump water from the construction site to a storm water conveyance without the water first passing through a sediment trap or filter bag.

9. Information to Bidders, Use of Recovered Material.

The department encourages the use of waste materials and recovered industrial byproducts as material substitutions (106.2.1), provided they meet standard specification gradation requirements, conform to NR 538 requirements, and follow standard engineering practice for their intended use.

SEF Rev. 14_1211

10. Notice to Contractors – Existing Cabinet Removal.

The existing cabinet located at Station 22+25' A', 18.5' RT, will be salvaged and removed by the department. At least two weeks prior to when the cabinet must be removed, contact: Russell Lewis, (608) 516-5754, Wisconsin Department of Transportation, Continuous Count Program, to coordinate removal of the cabinet. Coordination with WE Energies to remove power to the cabinet will be required.

Removal of concrete base is paid for separately.

11. Removing Picnic Shelter, Item 204.9060.S.01.

A Description

This special provision describes removing picnic shelter in accordance to the pertinent provisions of standard spec 204 and as hereinafter provided.

B (Vacant)

C Construction

Conform to standard spec 204.

D Measurement

The department will measure Removing Picnic Shelter as each picnic shelter removal, acceptably completed.

E Payment

Add the following to standard spec 204.5:

ITEM NUMBER	DESCRIPTION	UNIT
204.9060.S	Removing Picnic Shelter	EACH

204-025 (20150630)

12. Removing Luminaires, Item 204.9060.S.02.**A Description**

This special provision describes removing existing luminaires and lamps from light poles or bridge decks as shown on the plans, according to the pertinent provisions of standard spec 204, and as follows. Light poles or bridge deck shall remain in service.

B Material

Removed luminaires and lamps become the property of the contractor and shall be disposed off the project site. Lamps, which are considered a hazardous material, shall be disposed of an environmentally sound manner.

C Construction

No removal work will be permitted without approval from the engineer. Removal shall start as soon as the temporary lighting or permanent lighting, as applicable, is placed in approved operation. An inspection and approval by the engineer will take place before any associated proposed permanent or temporary lighting is approved for operation.

D Measurement

The department will measure Removing Luminaires by each individual unit, acceptably completed.

E Payment

Add the following to standard spec 204.5:

ITEM NUMBER	DESCRIPTION	UNIT
204.9060.S.02	Removing Luminaires	EACH

SER-204.11 (20171021)

13. Removing Lighting Units, Item 204.9060.S.03.

A Description

This special provision describes the removing lighting units as shown on the plans, according to the pertinent provisions of standard spec 204, and as follows.

B Materials

All removed material shall become the property of the contractor and be disposed off the project site. Lamps, which are considered a hazardous material, become property of the contractor and shall be disposed of an environmentally sound manner.

C Construction

Remove lighting units consisting of pole, arm, luminaire, lamp, wires, breakaway device, and associated hardware and appurtenances.

No removal work will be permitted without approval from the engineer. Removal shall start as soon as the temporary lighting or permanent lighting, as applicable, is placed in approved operation. An inspection and approval by the engineer will take place before any associated proposed permanent or temporary lighting is approved for operation.

D Measurement

The department will measure Removing Lighting Units by each individual unit removed, acceptably completed.

E Payment

Add the following to standard spec 204.5:

ITEM NUMBER	DESCRIPTION	UNIT
204.9060.S.03	Removing Lighting Units	EACH

SER-204.15 (20171021)

14. Removing Loop Detector Wire and Lead-in Cable STH 165 & East Frontage Rd (120th Ave), Item 204.9105.S.04.

A Description

This special provision describes removing loop detector wire and lead-in cable at the STH 165 & East Frontage Rd (120th Ave) as shown on the plans, according to the pertinent provisions of standard spec 204, and as follows.

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 Remove Loop Detector Wire and Lead-in Cable (location) as a single lump sum unit for each intersection, acceptably completed.

E Payment

Add the following to standard spec 204.5:

204.9105.S.04	Removing Loop Detector Wire and Lead-In Cable STH 165 & East Frontage Rd (120 th Ave)	LS
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15. Select Borrow.

Conform to standard spec 208 as modified in this special provision.

Material

Furnish and use material that consists of granular material meeting the following requirements: granular backfill, Grade Number 2, according to standard spec 209.2. stp-208-005 (20031103)

16. Concrete Pavement Joint Layout, Item 415.5110.S.

A Description

This special provision describes providing a concrete pavement or concrete base joint layout design for intersections and marking the location of joints in the field

B (Vacant)

C Construction

Plan and locate all points necessary to establish the horizontal position of the transverse and longitudinal joints in the concrete to prevent uncontrolled cracking. Submit a joint layout design to the engineer at least 7 calendar days before paving each intersection. Do not lay out joints until the engineer has reviewed the joint layout design. Mark the location of concrete joints in the field. Follow the plan details for joints in concrete making adjustments as required to fit field conditions.

D Measurement

The department will measure Concrete Pavement Joint Layout as a single lump sum unit for all joint layout designs and marking, 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
415.5110.S	Concrete Pavement Joint Layout	LS

Payment is full compensation for providing the intersection joint layout designs and marking all joints in the field.

The department will adjust pay for crack repairs as specified in standard spec 415.5.3. stp-415-020 (20170615)

17. Signs Type I and II.

Furnish and install new mounting brackets per approved product list for type II signs on overhead sign supports incidental to sign. For type II signs on sign bridges use aluminum vertical support beams noted above incidental to sign. New mounting brackets are incidental to the sign being installed.

Add the following to standard spec 637.2.4:

Use stainless steel bolts, washers and nuts for type I and type II signs mounted on sign bridges or type I signs mounted on overhead sign supports. Use clips on every joint for Sign Plate A 4-6 when mounted on a sign bridge or overhead sign support. Inspect installation of clips and assure bolts and nuts are tightened to manufacturers recommended torque values.

Use aluminum vertical sign support beams that have a 5-inch wide flange and weigh 3.7 pounds per foot, if the L-brackets are 4 inches wide then use 4 inch wide flange beams weighing 3.06 pounds per foot. Contractor shall measure the width of the L-brackets on existing structures of determine the width needed for sign support beams

Use beams a minimum of 6 feet in length or equal to the height of the sign to be supported, whichever is greater. Use U-bolts that are made of stainless steel, one-half inch diameter and of the proper size to fit the truss cords of each sign bridge. Install vertical sign support beams on each sign and use new U-bolts to attach each beam to the top and bottom cord of the sign bridge truss.

For type II signs on overhead sign supports follow the approved product list for mounting brackets.

Replace standard spec 637.2.4.1(2)2 with the following:

Clips may be either stainless steel or ASTM B 108, aluminum alloy, 356.0-T6.

Add the following to standard spec 637.3.3.2(2):

Install Type I Signs at the offset stated in the plan, which shall be the clear distance between the edge of mainline pavement right edgeline and the near edge of the sign.

Add the following to standard spec 637.3.3.3(3):

Furnish and install new aluminum vertical sign support beams on each sign and new U-bolts to attach each beam to the top and bottom cord of the sign bridge truss for Type I or Type II Signs and Type I signs on overhead sign supports incidental to sign. New I-beams are incidental to the sign being installed.

Add the following to standard spec 641.2.9(3):

Submit shop drawings for overhead sign supports to SE Region, Traffic Operations Engineer. Submit shop drawings for sign bridges to Bureau of Structures with a copy to SE Region Traffic Ops

637-SER1 (20120401)

18. Blue Specific Service Signs.

Add the following to standard spec 638.3.4:

Do not remove or move blue specific service signs or their associated posts. Specific service signs are signs with logos that identify commercial entities providing gas, food, lodging, camping, or attractions. A separate contractor, Interstate Logos - Wisconsin, is responsible for these signs. Contact Interstate Logos - Wisconsin at (844) 496-9163 a minimum of 14 calendar days in advance to coordinate removing, moving, or re-installation of these signs.

The contractor is responsible for damage done to these signs due to contractor operations.
638-010 (20150630)

19. Lighting Systems.

General

Add the following to standard spec 651, 652, 653, 654, 655, 656, 657 and 659:

All the work necessary to comply with revisions to standards specifications mentioned herewith shall be incidental to associated pay items or to the project including coordination, materials, and labor. No additional payment shall be made to the contractor.

Add the following to standard spec 651.2:

Materials indicated to be returned to the department shall be hauled to one of the following two locations:

- State Electrical Shop at 935 South 60th street, West Allis, as directed by Ms. Bree Johns-Konkel, telephone (414) 266-1170.
- Milwaukee County Grounds, 10191 West Watertown Plank Road, Wauwatosa, as directed by Mr. Pat Stoetzel, telephone (414) 750-5306.

Arrange pickups and deliveries 3 days in advance and during regular business hours (Monday – Thursday 7:00 AM to 3:45 PM).

Add the following to standard spec 651.3.1:

Any circuit that the contractor does not personally tag out at the disconnect shall be considered live, and will be subject to being activated by another person with no notice to the contractor. Make tagouts with manufactured tags, and endorse them with the date and the name of the contractor. Clear tagouts at the end of the workday. The department does not employ a load dispatcher and has no intent to do so. Each electrical worker is responsible for their own protection from automatic switching and from switching by others.

Add the following to standard spec 653.3(1):

This provision modifies the standard detail drawing for pull boxes and thereby both the standard items and SPV pay item for pull boxes. Lighting pull box covers shall read “LIGHTING”.

Add the following to standard spec 655.3.1:

Wet location splices are not anticipated on this project and not shown in the plans. In the event that the engineer allows wet location splices, make pull box splices with engineer approved epoxy kit.

At each pull point or access point, indicate the line side bundle with a lap of blue tape.

Add the following to standard spec 655.3.7(4):

Where two or more wire networks pass through a pull point, tag each circuit network (i.e. A/B/N and C/D/N) with approved all-weather tags.

Add the following to standard spec 657.2:

Non-breakaway poles (mounted on structures, concrete bases or behind noise wall barriers without transformer base, as well as at stems of sign bridges) containing electrical wires are to be double nutted and contractor shall install galvanized rat screen enclosing the bottom of pole area; extra nuts and screen incidental.

Add the following to standard spec 657.3.1 and 657.3.5:

Corrosion protection measures described in standard spec 657.3.1 and 657.3.5 are invoked for breakaway transformer bases and aluminum light poles. The contractor shall avoid contact of dissimilar metals in erecting the pole on its foundation and/or breakaway

device. Any concern of trapped moisture or potential corrosion cell shall be resolved to the satisfaction of the engineer.

Add the following to standard spec 659.3:

Install Plaques Light Pole on all poles located in the median at a mounting height of 6-inch above the highest adjacent safety barrier or obstruction.

Add the following to standard spec 659.3.1:

During construction, adequate lighting shall be maintained. Construction shall be staged to maintain existing or permanent lighting system operation. Contractor may install temporary lighting to maintain adequate light during construction. This work shall be incidental to associated pay items.

20. General Requirements for Electrical Work.

Replace standard spec 651.3.3 (3) with the following:

(3) Request a signal inspection of the completed signal installation to the engineer 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 turn-on until the contractor corrects all deficiencies.

21. Electrical Conduit

Replace standard spec 652. 5 (2) 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 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.

22. Lighting Units Walkway LED, Item SPV.0060.21.

A Description

This special provision describes furnishing and installing Lighting Units Walkway LED. Conform to standard spec 659 and as follows.

B Materials

Add the following to standard spec. 659.2:

(2) Furnish black finish Lighting Units Walkway LED with Post Top Luminaire Utility LED. Luminaires shall be IESNA Type V Medium distribution, delivering a minimum of 4,500 lumens; UL listed, and rated IP 55 or higher. The housing access shall be tool-free.

LED lamps shall be in the 4,000K color temperature range with a minimum of 70 CRI.

The luminaire shall be equipped with a voltage-sensing LED driver, to accommodate 120-277V with 90% power factor and THD 20% max at full load. Surge protection shall be provided and tested according to the specifications. The luminaire shall also be equipped with a quick-disconnect plug for connecting the pole riser wires to the terminal block. A strain relief shall retain the pole riser wires within the luminaire.

Furnish shop drawings as specified in 506.3.2, except submit 5 copies with the materials list. Ensure the drawings contain sufficient detail to allow satisfactory review and show the dimensions of all equipment shown in the plans.

C Construction

Replace standard spec 659.3.4 (2) with the following:

(2) Under the Lighting Units Walkway LED bid item, provide standards and post-top luminaires utility LED, together with the hardware and fittings and all necessary miscellaneous accessories to complete the installation.

The contractor shall follow manufacturer's instructions regarding luminaire installation.

Three single-conductor No. 12 stranded wires shall be used to connect the luminaires to their respective branch conductors in the pole base. Each luminaire feeder wire shall be protected by one 5-amp fuse. Fuses and fuse holders shall be as per the details in the Plan.

All exposed threaded equipment mounting hardware shall be stainless steel. The contractor shall coat all threaded stainless steel hardware and dissimilar metal, threaded hardware with an approved zinc-based anti-seize compound (Loctite or Jet-Lube, or approved equal) prior to assembly.

D Measurement

The department will measure Lighting Units Walkway LED as each individual lighting 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	Lighting Units Walkway LED	EACH

Payment is full compensation for providing all materials, including pedestal base standards, post-top luminaires LED, fuses, fuse holders, and all hardware and fittings needed to integrate the components into units connected to lighting branch circuit. The department will pay for the concrete base under a separate bid item

23. Post Top Luminaires Utility LED, Item SPV.0060.22.

A Description

This special provision describes furnishing and installing Post Top Luminaires Utility LED. Conform to standard spec 659 and as follows.

B Materials

Add the following to standard spec 659.2:

(2) Furnish black finish Post Top Luminaire Utility LED. Luminaires shall be IESNA Type V Medium distribution, delivering a minimum of 4,500 lumens; UL listed, and rated IP 55 or higher. The housing access shall be tool-free.

LED lamps shall be in the 4000K color temperature range with a minimum of 70 CRI.

The luminaire shall be equipped with a voltage-sensing LED driver, to accommodate 120-277V with 90% power factor and THD 20% max at full load. Surge protection shall be provided and tested according to the specifications. The luminaire shall also be equipped with a quick-disconnect plug for connecting the pole riser wires to the terminal block. A strain relief shall retain the pole riser wires within the luminaire.

Furnish shop drawings as specified in standard spec 506.3.2, except submit 3 copies with the materials list. Ensure the drawings contain sufficient detail to allow satisfactory review and show the dimensions of all equipment shown in the plans.

C Construction

Replace standard spec 659.3.4 (2) with the following:

(2) Under the Post Top Luminaires Utility LED bid item, provide post-top luminaires utility LED 70W, together with the hardware and fittings and all necessary miscellaneous accessories to complete the installation.

The contractor shall follow manufacturer's instructions regarding luminaire installation.

Three single-conductor No. 12 stranded wires shall be used to connect the luminaires to their respective branch conductors in the pole base. Each luminaire feeder wire shall be protected by one 5-amp fuse. Fuses and fuse holders shall be as per the details in the plan.

All exposed threaded equipment mounting hardware shall be stainless steel.

The contractor shall coat all threaded stainless steel hardware and dissimilar metal, threaded hardware with an approved zinc-based anti-seize compound (Loctite or Jet-Lube prior to assembly.

D Measurement

The department will measure Post Top Luminaires Utility LED 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.0060.22	Post Top Luminaires Utility LED	EACH

Payment is full compensation for furnishing and installing all materials, installing a complete luminaire; and for furnishing all documentation.

24. Repair Picnic Table, Type 1, Item SPV.0060.25.

A Description

This special provision describes removing the picnic table from the existing concrete slab, repairing, sandblasting and painting picnic tables and replacing boards according to the plans and as hereinafter provided.

B Materials

B.1 Recycled Plastic Planks

Provide planks that meet the following requirements:

1. Planks shall be made from 95% post-consumer or post-industrial recycled type 2 HDPE plastic.
2. Plastic shall be impregnated with finish color and protected with a UV inhibitor to prevent fade.
3. Color shall be dark brown or a shade of dark red brown color, and shall be uniform for all planks within a table unit.
4. Plastic shall be able to sustain normal loadings at temperatures ranging from -26 degrees to 100 degrees Fahrenheit without cracking or excessive warping. Plastic shall be subject to the approval from the engineer.

B.2 Structural Steel Frame

All steel tubes shall be ASTM A500 Grade B, cold-formed electric resistance welded tubing; all other steel shall be minimum ASTM A36M.

B.3 Hardware

Provide bolts that are galvanized steel carriage-type bolts of the sizes specified on the plan.

B.4 Paint

Use one of the following paint systems (or approved equal):

Producer	Coat	Products
Ameron Protective Coating Division 201 North Berry St. Brea, CA 92621 1 (800) 344-0025	1 st 2 nd 3 rd	Amercoat 68HS Amercoat 399 Amercoat 450H
Carboline 350 Hanley Industrial St Louis, MO 63144 1 (314) 644-1000	1 st 2 nd 3 rd	Carbozinc 859 Carboguard 888 Carbothane 133LH
International Paint, Inc 6001 Antoine Drive Huston, Tx 77091 1 (920) 869-6373	1 st 2 nd 3 rd	Interzinc 52 Interguard 475 HS Interthane 870
Sherwin Williams 12261 Nicollet Avenue Burnsville, Mn 55337 1 (612) 804-6264	1 st 2 nd 3 rd	Zinc Clad III HS Macropoxy 646 Acrolon 218HS
Tnemec 6800 Corporate Drive Kansas City, MO 64120 1 (816) 483-3400	1 st 2 nd 3 rd	Tneme-Zinc 90-97 F.C. Typoxy, Series 2 Endura Shield, Serie

C Construction

C.1 Steel Fabrication

All welding of structural steel shall conform to the requirements of these specifications and to AASHTO/AWS D 1.2, under structural steel and angle iron of the Bridge Welding Code.

C.2 Painting

Prior to painting, clean by sandblasting all metal including miscellaneous structural steel to a SSPC-10, commercial blast finish. Sand blasting must be completed in a commercial shop equipped to contain and properly dispose of all removed paint according to all local, state and federal regulations. Use primer and finish coat paint that is from the same manufacturer and primer recommended for use with finish coat. Shop-apply the primer, the first coat, and the second finish coat. Perform all painting in strict compliance to the paint manufacturer's instructions for surface preparation and application requirements. After field installation, repaint all areas damaged during transport or installation

D Measurement

The department will measure Repair Picnic Table, Type 1 as each individual repaired picnic table, 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.0060.25	Repair Picnic Table, Type 1	EACH

Payment is full compensation for removal, repairing, sandblasting, painting, installing new boards and reinstalling the picnic tables.

25. Rest Area Picnic Shelters, Item SPV.0060.26.**A Description**

This special provision describes the work for constructing new picnic shelters at Rest Area 26, and all incidental items necessary to complete the work according to the plans and General Requirements for Building Construction and Technical Specifications..

B Technical Specifications

Technical specification sections that apply to this item include:

010000	Summary of Work
061000	Rough Carpentry
076200	Flashing and Sheet Metal
079200	Joint Sealants
099100	Painting

C Construction

Match the asphalt shingle roofing system, materials and color used on the picnic shelters to that used on the main rest area building.

D Measurement

The department will measure Picnic Shelters as each individual unit, acceptably completed. Picnic Tables Single Pedestal and concrete sidewalk will be measured separately.

E Payment

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

ITEM NUMBER	DESCRIPTION	UNIT
SPV.0060.26	Rest Area Picnic Shelters	EACH

Payment for Rest Area Picnic Shelters is full compensation for providing materials, transporting, disposal, and for furnishing and installing all materials and equipment.

26. Grading, Shaping and Finishing Picnic Shelters, Item SPV.0060.27.

A Description

This special provision describes excavating, backfilling, grading, shaping, finishing, topsoil, seeding, fertilizing and mulching the picnic shelter building sites, as necessary to restore the landscape around the new picnic shelters, as shown on the plans and according to the pertinent requirements of the standard specifications and as hereinafter provided.

B Materials

Use seed mixture number 40.

C Construction

Excavate, dispose of excess material, backfill, grade, shape, and finish slopes for the picnic shelters at the locations shown in the plans. Furnish the following materials conforming to the following:

Common excavation and material disposal....	standard spec 205
Borrow.....	standard spec 208
Topsoil.....	standard spec 625
Mulching.....	standard spec 627
Fertilizer.....	standard spec 629
Seeding.....	standard spec 630

D Measurement

The department will measure Grading, Shaping, and Finishing Picnic Shelters as each individual location, 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.0060.27	Grading, Shaping, and Finishing Picnic Shelters	EACH

Payment is full compensation for all excavating, grading, shaping, and compacting; and for providing and placing fill, topsoil, fertilizer, seed, and mulch.

The concrete items will be measured and paid for under the pertinent items provided in the contract.

27. Salvage & Reinstall Ramp Gate Assembly, Item SPV.0060.29.

A Description

This special provision describes salvaging and reinstalling an existing ramp gate assembly, which includes removing the existing pole assembly; disconnecting wire; storing until it is installed on a new base and making all reconnections.

B Materials

Hardware

Furnish galvanized steel nuts and bolts conforming to ASTM A307 except where designated as high strength (HS), conform to ASTM A325.

C Construction

Salvage, store, protect and reinstall the ramp closure gate at the location the plans show. Avoid damaging the gate pole assembly, as it will be reused. Do not use any equipment or devices that might damage structures, facilities, or property to be preserved and retained. Complete all operations necessary to remove ramp closure gates that might endanger the new construction before constructing new work.

Apply marine grade anti seize compound to all bolt threads and to the interface between the aluminum base and steel pole. The engineer may direct adjustment of the gate arm assembly to ensure the correct vertical and angular orientation of the completed closure gate.

Verify the attachment of the male side of the 4 conductor electrical connector, mercury switch, wiring harness, and the three LED flasher units to the portion of the flasher assembly mounted on the breakaway portion of the gate arm.

Adjust mercury switch so that as the gate arm is lowered to a maximum of 45 degrees from the vertical, the gate flasher assembly is energized, and the LEDs begin to flash. Ensure that when the gate arm is raised to a minimum of 15 degrees from vertical, the mercury switches the gate flasher assembly off.

The engineer may allow alternates equal to specified manufactured components. The engineer may require plan detail modifications to accommodate alternates. The engineer may accept alternate arms or mounting adaptors only if the contractor can demonstrate that the department can easily remove and replace the arms.

D Measurement

The department will measure Salvage & Reinstall Ramp Gate Assembly 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.0060.29	Salvage & Reinstall Ramp Gate Assembly	EACH

Payment is full compensation for disassembly of the existing unit as needed; for disconnecting wire, for storing of the unit, for reassembly on a new location; for providing all electrical connections and grounding; and for all testing. Base is paid for separately.

28. Concrete Pavement Corner Repair Partial Depth, SPV.0085.01.

A Description

This special provision describes partial depth repairs of concrete pavement using hot applied synthetic resin as shown on the plans.

B Materials

Furnish one of the following materials or approved equal:

- Fibrecrete G by Marketing Associates, Inc. and bulking stone
- TechCrete FiberMastic by Crafcro, Inc. and bulking stone
- TechCrete R by Crafcro, Inc. and bulking stone
- TechCrete TBR by Crafcro, Inc.

C Construction

Remove existing patching materials and deteriorated concrete with jackhammers or other engineer approved methods. Milling will not be allowed unless approved by the engineer for repair areas that are sufficiently large or uniform in size to avoid removing excess quantities of sound pavement.

Prepare the repair area and apply patch material according to manufacturer's recommendations.

Do not open partial depth concrete repair locations to traffic until material has cooled sufficiently to support vehicle loads.

D Measurement

The department will measure Concrete Pavement Corner Repair Partial Depth by the pound of prepackaged synthetic resin material acceptably placed. Bulking stone, where required, is incidental and will not be measured.

E Payment

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

ITEM NUMBER	DESCRIPTION	UNIT
SPV.0085.01	Concrete Pavement Corner Repair Partial Depth	LB

Payment is full compensation for removing and disposing of existing patching materials and deteriorated concrete; for providing all required materials, including primer and bulking stone, if required; for preparing the repair area; and for applying patch material.

29. Lighting System Integrator, Item SPV.0105.11.

A Description

These special provisions describe coordinating lighting with various parties; record keeping, and documentation. Where the department is responsible for freeway lighting operation, maintenance, or utility locates on existing systems or systems overlapping

project boundaries, the contractor's freeway lighting integrator will serve as the contractor's liaison to the department's electrical operations unit.

B Personnel Qualifications

Assign personnel experienced in underground utility construction and department lighting specifications and practices.

C Construction

At any one time during the project, the contractor shall assign one individual person as the freeway lighting integrator.

The freeway lighting integrator shall:

- Familiarize himself with the location and nature of existing lighting circuits. This familiarity shall include the extent of any lighting system that overlaps project limits.
- Maintain a file of applicable permits or licenses issued to the contractor, and convey copies to the engineer.
- Keep with him at all times a contact list of affected lighting personnel.
- Maintain a record of tagouts and the clearance of tagouts.
- Interface with department electrical personnel to determine how contract limits might affect maintenance or operation of existing systems.
- Maintain ongoing contact with the department's Diggers' Hotline Coordinator to ensure that each of the two persons knows that all requested utility locates are marked in the field by the appropriate party. The intent here is to assure coordination. This special provision does not transfer additional utility locating responsibilities to the contractor, beyond those responsibilities already assigned to him by other provisions of the contract.
- Inform the department of any lighting outages, including outside the project limits where a lighting system crosses the project boundary.
- Maintain in any format real-time records of existing, removed and new lighting facilities. Include utility service extensions. Additional required records will include temporary connections and their ultimate removal.
- Maintain records of tests, including: "meg" tests, amperage draw per circuit leg, voltage reading at the disconnect, and voltage reading at the furthest pole per circuit leg. Convey these records at time of acceptance or partial acceptance.
- At the time of acceptance or partial acceptance, convey as-built drawings in both the following formats: plan redlines and .dgn electronic. Include utility service extensions.
- Secure copies of operators manuals, tear sheets, etc. as may be provided by manufacturers of some lighting materials, and convey a minimum of three sets to the department.
- Work with the engineer to notify department electrical personnel of acceptance or partial acceptance.
- Perform related duties as may be needed to ensure continuity of freeway lighting during construction, and orderly transfer upon completion.

Complete department provided excel lighting distribution center record and return to SE Region Lighting Engineer once completed. Contact SE Region Lighting Engineer for excel lighting distribution center record template.

D Measurement

The department will measure Lighting System Integrator as a single lump sum unit of work, acceptably completed, and for all required coordination, record-keeping, and documentation.

E Payment

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

ITEM NUMBER	DESCRIPTION	UNIT
SPV.0105.11	Lighting System Integrator	LS

Payment is full compensation for personnel costs; and for all required coordination, record-keeping, and documentation.

30. Lighting System Survey, Item SPV.0105.12.

A Description

These special provisions describe performing lighting system survey using Global Position System (GPS).

B (Vacant)

C Construction

Locate and survey using GPS all the lighting units and control cabinets. Maintain neat, orderly, and complete survey notes. Enter the coordinates into a Microsoft Excel 2007 spreadsheet along with other required fields as specified by WisDOT.

D Measurement

The department will measure Lighting System Survey for all lighting units and control cabinets as a single lump sum unit of work, acceptably completed.

E Payment

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

ITEM NUMBER	DESCRIPTION	UNIT
SPV.0105.12	Lighting System Survey	LS

Payment is full compensation for locating and surveying all the lighting units and control cabinets.

ADDITIONAL SPECIAL PROVISION 4

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 may also withhold routine 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.

Release of Routine Retainage

After granting substantial completion the department may reduce the routine retainage withheld from the prime contractor to 75 percent of the original total amount retained.

When the Department sends the semi-final estimate the department may reduce the routine retainage withheld from the prime contractor to 10 percent of the original total amount retained.

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 and that no routine retainage is being withheld. The department will pay the prime contractor in full and reduce the routine retainage withheld from the prime contractor to zero when the department approves the final estimate.

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.

ADDITIONAL SPECIAL PROVISION 6

ASP 6 - Modifications to the standard specifications

Make the following revisions to the standard specifications:

107.17.1 General

Replace paragraph seven with the following effective with the December 2018 letting:

- (7) Have a professional engineer registered in the state of Wisconsin sign and seal the shop drawings. At least 30 calendar days before starting falsework, form, or shoring construction; submit a PDF file of shop drawings to the railroad's chief engineering officer and to the engineer. The engineer and the railroad may review the shop drawings. If the engineer or the railroad finds the shop drawings unsatisfactory, the contractor shall make the required changes. A satisfactory shop drawing review does not relieve the contractor of responsibility and liability for the structural integrity and proper functioning of the falsework, forms, or shoring.
-

305.2.1 General

Replace paragraph two with the following effective with the December 2018 letting:

- (2) Where the contract specifies or allows 1 1/4-inch base, do not place reclaimed asphalt, reprocessed material, or blended materials below virgin aggregate materials unless the contract specifies or the engineer allows in writing. The department will allow virgin aggregate above reclaimed asphalt, reprocessed material, or blended materials in shoulder areas adjacent to concrete pavement.
-

420.3.2.1 General

Replace paragraph one with the following effective with the December 2018 letting:

- (1) Use self-propelled grinding machines with depth, grade, and slope controls designed for grinding and texturing concrete. Equip grinding machines with diamond blades and a vacuuming system capable of removing liquid and solid residue from the ground surface. Shroud the machine to prevent discharging loosened material into adjacent work areas or live traffic lanes. Provide the specified effective wheelbase, defined as the center of the front to center of the rear main support wheels.
-

420.3.2.2 Continuous Grinding

Replace paragraph one with the following effective with the December 2018 letting:

- (1) Under the Continuous Diamond Grinding Concrete Pavement bid item, ensure that the grinding machine, including the grinding head, weighs 35,000 pounds or more, will grind a strip at least 4 feet wide, and has an effective wheel base of 25 feet or more. For pavements with a design speed less than 40 miles per hour and areas difficult to access, the contractor may use equipment with an effective wheel base of 12 feet or more.
-

450.3.2.8 Jointing

Replace paragraphs three through five with the following effective with the December 2018 letting:

- (3) Construct notched wedge longitudinal joints for mainline paving if the pavement thickness conforms to the minimums specified in 460.3.2, unless the engineer directs or allows an alternate joint. Construct the wedge using a slope no steeper than 3:1. Extend the wedge 12 inches beyond the normal lane width, or as the engineer directs. Ensure that the wedge for all layers directly overlaps and slopes in the same direction.
- (4) Locate the joint at the pavement centerline for 2-lane roadways, or at lane lines if the roadway has more than 2 lanes. Construct a vertical notch 1/2-inch to 3/4-inch high on the centerline or lane line at the top of each wedge. Place a 1/2-inch to 3/4-inch notch at the outside bottom edge of the wedge after compacting each layer. Align the finished longitudinal joint line of the upper layer with the centerline or lane line.
- (5) Construct the wedge for each layer using an engineer-approved strike-off device that will provide a uniform slope and will not restrict the main screed. Shape and compact the wedge with a weighted

steel side roller wheel the same width as the wedge. Apply a tack coat to the wedge surface and both notches before placing the adjacent lane.

455.2.4.3 Emulsified Asphalts

Replace paragraph two with the following effective with the December 2018 letting:

- (2) The bill of lading for emulsified asphalts shall indicate the asphalt content of the original emulsion and dilution rate of the additional water added to the original emulsion. If undiluted samples are not available, test the diluted material and modify AASHTO M140, M208, or M316 to reflect properties resulting from dilution of the asphalt.
-

460.2.8.3.1.4 Department Verification Testing Requirements

Replace paragraph three with the following effective with the December 2018 letting:

- (3) The department will perform testing conforming to the following standards:
 - Bulk specific gravity (G_{mb}) of the compacted mixture according to AASHTO T166.
 - Maximum specific gravity (G_{mm}) according to AASHTO T209.
 - Air voids (V_a) by calculation according to AASHTO T269.
 - VMA by calculation according to AASHTO R35.
 - Asphalt content by ignition oven according to AASHTO T308 as modified in CMM 8-36.6.3.6, chemical extraction according to AASHTO T-164, or Asphalt Analyzer™ according to manufacturer recommendations.
-

460.2.8.3.1.6 Acceptable Verification Parameters

Replace paragraph one with the following effective with the December 2018 letting:

- (1) The engineer will provide test results to the contractor within 2 mixture-production days after obtaining the sample. The quality of the product is acceptably verified if it meets the following limits:
 - V_a is within a range of 2.0 to 4.3 percent. For SMA, V_a is within a range of 2.7 to 5.3 percent.
 - VMA is within minus 0.5 of the minimum requirement for the mix design nominal maximum aggregate size.
 - Asphalt content is within minus 0.3 percent of the JMF.
-

460.2.8.3.1.7 Dispute Resolution

Replace paragraph one with the following effective with the December 2018 letting:

- (1) When QV test results do not meet the specified limits for 100 percent pay, the bureau's AASHTO accredited laboratory and certified personnel will referee test the retained portion of the QV sample and the retained portion of the required forward and backward QC retained samples according to CMM 8-36.
-

460.5.2.1 General

Replace paragraphs five and six with the following effective with the December 2018 letting:

- (5) The department will reduce pay for nonconforming QMP HMA mixtures as specified in 460.2.8.2.1.7, starting from the stop point to the point when the running average of 4 is back inside the warning limits. The engineer will determine the quantity of material subject to pay reduction based on the testing data and an inspection of the completed pavement. The department will reduce pay as follows:

PAYMENT FOR MIXTURE^{[1] [2] [3]}

ITEM	PRODUCED WITHIN WARNING BANDS	PRODUCED OUTSIDE JMF LIMITS
Gradation	90%	75%
Asphalt Content ^[4]	—	—
Air Voids	70%	50%
VMA	90%	75%

^[1] For projects or plants where the total production of each mixture design requires less than 4 tests refer to CMM 8-36.

^[2] Payment is in percent of the contract unit price for the HMA Pavement bid item. The department will reduce pay based on the nonconforming property with lowest percent pay. If the quantity of material subject to pay adjustment based on the running average of 4 is also subject to pay adjustment resulting from dispute resolution in accordance with 460.2.8.3.1.7, the department will apply the single pay adjustment resulting in the lowest percent pay.

^[3] In addition to any pay adjustment listed in the table above, the department will adjust pay for nonconforming binder under the Nonconforming QMP Asphaltic Material administrative item. The department will deduct 25 percent of the contract unit price of the HMA Pavement bid item per ton of pavement placed with nonconforming PG binder the engineer allows to remain in place.

^[4] The department will not adjust pay based on a running average of 4 asphalt content tests; however, corrective action will be applied to nonconforming material according to 460.2.8.2.1.7.

- (6) If during a QV dispute resolution investigation the department discovers unacceptable mixture defined by one or more of the following:
- Va greater than 5.0 or less than 1.5.
 - VMA more than 1.0 below the minimum allowed in table 460-1.
 - AC more than 0.5 % below the JMF target.

Remove and replace the material, or if the engineer allows the mixture to remain in place, the department will pay for the quantity of affected material at 50 percent of the contract price.

506.3.2 Shop Drawings

Replace paragraph four with the following effective with the December 2018 letting:

- (4) Ensure that the fabricator submits a PDF file of shop drawings for railroad structures to the railroad company's chief engineering officer upon contract completion.

650.3.1 General

Replace the entire text with the following effective with the December 2018 letting:

- (1) Department and contractor responsibilities for construction staking are specified in 105.6. Conform to 105.6 and the additional requirements specified here in 650.3 for the individual contractor-staking bid items the contract includes.
- (2) Protect and preserve known property and survey marks and land monuments as specified in 107.11.3. The contract may require related work under the 621 bid items.
- (3) Obtain or calculate benchmark data, grades, and alignment from plan information. The engineer will furnish data for the horizontal and vertical control points, control point ties, horizontal alignments, profiles, and elevations. Reestablish, set additional, and maintain the horizontal and vertical control points and control point ties, as needed for bid items.
- (4) Check horizontal and vertical information including but not limited to alignments, locations, elevations, and dimensions, that either the plans show or the engineer provides, for compatibility with existing field conditions. Conduct similar compatibility checks and accuracy checks of horizontal and vertical positions either the department or the contractor establishes in the field.
- (5) Perform survey work using conventional methods, or AMG methods capable of achieving the lines and grades the plans show for the work in question. Establish additional benchmarks and control points as necessary to support the method of operation.

650.3.1.1 Staking

- (1) Furnish, set, reference, and maintain stakes and markings necessary to establish the alignment, location, benchmarks, elevations, and continuous profile-grades for road and structure work as needed for bid items. Supervise and coordinate construction staking.
- (2) Maintain neat, orderly, and complete survey notes, drawings, and computations used in establishing the lines and grades. Make the survey notes and computations available to the engineer within 24 hours, upon request, as the work progresses.
- (3) Furnish surveying equipment, stakes, flags, pins, lath, whiskers, and other materials necessary to perform this work, subject to the engineer's approval.

650.3.1.2 Automated Machine Guidance**650.3.1.2.1 General**

- (1) The contractor may substitute AMG for conventional staking on all or part of the work under the individual staking bid items. Coordinate with the engineer throughout the course of construction to ensure that work performed using AMG conforms to the contract tolerances and that the methods employed conform to the contractor's AMG work plan and accepted industry standards. Revert to conventional staking methods for all or part of the work at any point during construction if AMG is producing unacceptable results.

650.3.1.2.2 AMG Work Plan

- (1) Submit a comprehensive written AMG work plan for department review at least 5 business days before the preconstruction conference. In that plan discuss how AMG technology will be integrated into other technologies employed on the project. List the staking bid items that will have work performed using AMG and, for each bid item listed, include the following:
 1. Designate which portions of the contract will be done using AMG and which portions will be done using conventional staking.
 2. Designate a single staff person as the primary contact for AMG technology issues.
 3. List and map the primary and secondary control points required under 105.6.2 enveloping the site.
 4. Describe the contractor's quality control procedures. Include the frequency and type of checks performed to ensure that the work conforms to the contract plans.
- (2) The engineer will review the plan to determine if it conforms to the contract. Do not perform AMG work until the engineer approves the governing portion of the AMG workplan. Perform the work as the contractor's AMG work plan provides. Update the plan as necessary.

650.3.1.2.3 Geometric and Surface Information**650.3.1.2.3.1 Department Responsibilities**

- (1) At any time after the contract is awarded the contractor may request the contractor data packet. The department will provide the packet within 5 business days of receiving the contractor's request.

650.3.1.2.3.2 Contractor Responsibilities

- (1) Develop and maintain a contractor construction model for areas of the project employing AMG. Confirm that the resulting model agrees with the contract plans.
- (2) If the engineer requests, provide the construction model to the department in LandXML or other engineer-approved format.

650.3.1.2.4 Managing and Updating Information

- (1) Notify the department of any errors or discrepancies in department-provided information. The department will determine what revisions may be required. The department will revise the contract plans, if necessary, to address errors or discrepancies that the contractor identifies. The department will provide the best available information related to those contract plan revisions.
- (2) Revise the construction model as required to support construction operations and to reflect any contract plan revisions the department makes. Perform checks to confirm that the revised construction model agrees with the contract plan revisions. If the engineer requests, provide construction model updates to the engineer. The department will pay for costs incurred to incorporate contract plan revisions as extra work.

650.3.1.2.5 Construction Checks

- (1) Check the work against the plan elevation at randomly selected points on cross-sections located at stations evenly divisible by 100 at the frequency the engineer approved as a part of the AMG work plan. Submit the results of these random checks to the engineer daily. Notify the engineer immediately if a check exceeds the tolerances specified in 650.3.1.2.6 below.
- (2) Check the work at additional points as the engineer directs. The department may conduct periodic independent checks.

650.3.1.2.6 Construction Tolerances

- (1) Ensure that the finished work vertically matches existing or other completed features. Ensure that the work conforms to revised plan elevations as follows:
 - Subgrade : +/- 0.10 feet.
 - Base : within the tolerance specified in 301.3.4.1(2).

650.3.3 Subgrade

Retitle and replace the entire text with the following effective with the December 2018 letting:

650.3.3 Subgrade Staking

- (1) Set construction stakes or marks at intervals of 100 feet, or more frequently, for rural sections and at intervals of 50 feet, or more frequently, for urban sections. Include additional stakes at each cross-section as necessary to match the plan cross-section, achieve the required accuracy, and to support construction operations. Also set and maintain stakes as necessary to establish the horizontal and vertical positions of intersecting road radii, auxiliary lanes, horizontal and vertical curves, and curve transitions. Locate stakes to within 0.25 feet horizontally and establish the grade elevation to within 0.03 feet vertically.

Errata

520.3.3 Laying Pipe

Correct errata by replacing "sections" with "joints" to clarify the intent that the last 3 joints need ties.

- (5) Provide joint ties on the upstream and downstream ends of circular and horizontal elliptical concrete culvert and concrete cattle pass installations. Tie the next 3 pipe joints or, if using apron endwalls, the endwall joint and the last 2 pipe joints. Ties are not required on culverts with masonry endwalls unless the plans show otherwise.

608.3.3 Laying Pipe

Correct errata by replacing "sections" with "joints" to clarify the intent that the last 3 joints need ties.

- (5) Provide joint ties on concrete storm sewer system infall and outfall pipes. Tie the last 3 pipe joints or, if using apron endwalls, the endwall joint and the next 2 pipe joints. Ties are not required on installations with masonry endwalls unless the plans show otherwise.

ADDITIONAL SPECIAL PROVISION 7

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

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

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

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

ADDITIONAL SPECIAL PROVISION 9-S
Electronic Labor Data Submittal for
State Funded Only Projects

(1) Use the Workforce Utilization Report Microsoft Excel spread sheet, or other compatible spread sheet (i.e., Google Spread Sheet), to report required labor data. Details and the Excel spreadsheet are available online through the department's highway construction contract information (HCCI) site on the Labor, Wages, and EEO Information page at:

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

(2) Ensure that all tiers of subcontractors, including all trucking firms, submit their labor data electronically via the Excel spread sheet to the prime contractor within 14 calendar days of the end of each quarter (quarters are defined as January-March, April-June, July-September, and October-December). The prime contractor shall coordinate collection of their subcontractors' spread sheets and forward them to the Regional Labor Compliance Specialist within 21 calendar days of the end of each quarter. Every company or contractor providing physical labor towards completing the project is a subcontractor under this special provision.

(3) Upon receipt of contract execution, promptly make all affected companies or contractors aware of the requirements under this special provision and arrange for them to receive an Excel spreadsheet as part of their subcontract documents.

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

Non-discrimination Provisions

During the performance of this contract, the contractor, for itself, its assignees, and successors in interest (hereinafter referred to as the "contractor") agrees as follows:

1. Compliance with Regulations: The contractor (hereinafter includes consultants) will comply with the Acts and the Regulations relative to Non-discrimination in Federally-assisted programs of the U.S. Department of Transportation, Federal Highway Administration, as they may be amended from time to time, which are herein incorporated by reference and made a part of this contract.

2. Non-discrimination: The contractor, with regard to the work performed by it during the contract, will not discriminate on the grounds of race, color, or national origin in the selection and retention of subcontractors, including procurements of materials and leases of equipment. The contractor will not participate directly or indirectly in the discrimination prohibited by the Acts and the Regulations, including employment practices when the contract covers any activity, project, or program set forth in Appendix B of 49 CFR Part 21.

3. Solicitations for Subcontracts, Including Procurements of Materials and Equipment: In all solicitations, either by competitive bidding, or negotiation made by the contractor for work to be performed under a subcontract, including procurements of materials, or leases of equipment, each potential subcontractor or supplier will be notified by the contractor of the contractor's obligations under this contract and the Acts and the Regulations relative to Non-discrimination on the grounds of race, color, or national origin.

4. Information and Reports: The contractor will provide all information and reports required by the Acts, the Regulations, and directives issued pursuant thereto and will permit access to its books, records, accounts, other sources of information, and its facilities as may be determined by the Recipient or the Federal Highway Administration to be pertinent to ascertain compliance with such Acts, Regulations, and instructions. Where any information required of a contractor is in the exclusive possession of another who fails or refuses to furnish the information, the contractor will so certify to the Recipient or the Federal Highway Administration, as appropriate, and will set forth what efforts it has made to obtain the information.

5. Sanctions for Noncompliance: In the event of a contractor's noncompliance with the Non-discrimination provisions of this contract, the Recipient will impose such contract sanctions as it or the Federal Highway Administration may determine to be appropriate, including, but not limited to:

- a. Withholding payments to the contractor under the contract until the contractor complies; and/or
- b. Cancelling, terminating, or suspending a contract, in whole or in part.

6. Incorporation of Provisions: The contractor will include the provisions of paragraphs one through six in every subcontract, including procurements of materials and leases of equipment, unless exempt by the Acts, the Regulations and directives issued pursuant thereto. The contractor will take action with respect to any subcontract or procurement as the Recipient or the Federal Highway Administration may direct as a means of enforcing such provisions including sanctions for noncompliance. Provided, that if the contractor becomes involved in, or is threatened with litigation by a subcontractor, or supplier because of such direction, the contractor may request the Recipient to enter into any litigation to protect the interests of the Recipient. In addition, the contractor may request the United States to enter into the litigation to protect the interests of the United States.

During the performance of this contract, the contractor, for itself, its assignees, and successors in interest (hereinafter referred to as the "contractor") agrees to comply with the following non-discrimination statutes and authorities; including but not limited to:

Pertinent Non-Discrimination Authorities:

- Title VI of the Civil Rights Act of 1964 (42 U.S.C. § 2000d et seq., 78 stat. 252), (prohibits discrimination on the basis of race, color, national origin); and 49 CFR Part 21.
- The Uniform Relocation Assistance and Real Property Acquisition Policies Act of 1970, (42 U.S.C. § 4601), (prohibits unfair treatment of persons displaced or whose property has been acquired because of Federal or Federal-aid programs and projects);
- Federal-Aid Highway Act of 1973, (23 U.S.C. § 324 et seq.), (prohibits discrimination on the basis of sex);
- Section 504 of the Rehabilitation Act of 1973, (29 U.S.C. § 794 et seq.), as amended, (prohibits discrimination on the basis of disability); and 49 CFR Part 27;
- The Age Discrimination Act of 1975, as amended, (42 U.S.C. § 6101 et seq.), (prohibits discrimination on the basis of age);
- Airport and Airway Improvement Act of 1982, (49 USC § 471, Section 47123), as amended, (prohibits discrimination based on race, creed, color, national origin, or sex);
- The Civil Rights Restoration Act of 1987, (PL 100-209), (Broadened the scope, coverage and applicability of Title VI of the Civil Rights Act of 1964, The Age Discrimination Act of 1975 and Section 504 of the Rehabilitation Act of 1973, by expanding the definition of the terms "programs or activities" to include all of the programs or activities of the Federal-aid recipients, sub-recipients and contractors, whether such programs or activities are Federally funded or not);
- Titles II and III of the Americans with Disabilities Act, which prohibit discrimination on the basis of disability in the operation of public entities, public and private transportation systems, places of public accommodation, and certain testing entities (42 U.S.C. §§ 12131-12189) as implemented by Department of Transportation regulations at 49 C.F.R. parts 37 and 38;
- The Federal Aviation Administration's Non-discrimination statute (49 U.S.C. § 47123) (prohibits discrimination on the basis of race, color, national origin, and sex);

- Executive Order 12898, Federal Actions to Address Environmental Justice in Minority Populations and Low-Income Populations, which ensures Non-discrimination against minority populations by discouraging programs, policies, and activities with disproportionately high and adverse human health or environmental effects on minority and low-income populations;
- Executive Order 13166, Improving Access to Services for Persons with Limited English Proficiency, and resulting agency guidance, national origin discrimination includes discrimination because of Limited English proficiency (LEP). To ensure compliance with Title VI, you must take reasonable steps to ensure that LEP persons have meaningful access to your programs (70 Fed. Reg. at 74087 to 74100);
- Title IX of the Education Amendments of 1972, as amended, which prohibits you from discriminating because of sex in education programs or activities (20 U.S.C. 1681 et seq).

Effective August 2015 letting

BUY AMERICA PROVISION

All steel and iron materials permanently incorporated in this project shall be domestic products and all manufacturing and coating processes for these materials from smelting forward in the manufacturing process must have occurred within the United States. Coating includes epoxy coating, galvanizing, painting and any other coating that protects or enhances the value of a material subject to the requirements of Buy America. The exemption of this requirement is the minimal use of foreign materials if the total cost of such material permanently incorporated in the product does not exceed one-tenth of one percent (1/10 of 1%) of the total contract cost or \$2,500.00, whichever is greater. For purposes of this paragraph, the cost is that shown to be the value of the subject products as they are delivered to the project. The contractor shall take actions and provide documentation conforming to CMM 2-28.5 to ensure compliance with this "Buy America" provision.

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

Upon completion of the project certify to the engineer, in writing using department form WS4567, that all steel, iron, and coating processes for steel or iron incorporated into the contract work conform to these "Buy America" provisions. Attach a list of exemptions and their associated costs to the certification form. Department form WS4567 is available at:

<https://wisconsindot.gov/hcciDocs/contracting-info/ws4567.doc>



Proposal Schedule of Items

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Federal ID(s): N/A

SECTION: 0001

Contract Items

Alt Set ID:

Alt Mbr ID:

Proposal Line Number	Item ID Description	Approximate Quantity and Units	Unit Price	Bid Amount
0002	201.0105 Clearing	8.000 STA	_____.	_____.
0004	201.0205 Grubbing	8.000 STA	_____.	_____.
0006	203.0100 Removing Small Pipe Culverts	1.000 EACH	_____.	_____.
0008	204.0100 Removing Pavement	4,579.000 SY	_____.	_____.
0010	204.0120 Removing Asphaltic Surface Milling	118.000 SY	_____.	_____.
0012	204.0150 Removing Curb & Gutter	1,370.000 LF	_____.	_____.
0014	204.0155 Removing Concrete Sidewalk	224.000 SY	_____.	_____.
0016	204.0190 Removing Surface Drains	1.000 EACH	_____.	_____.
0018	204.0195 Removing Concrete Bases	7.000 EACH	_____.	_____.
0020	204.0220 Removing Inlets	7.000 EACH	_____.	_____.
0022	204.0245 Removing Storm Sewer (size) 01. 12-Inch	83.000 LF	_____.	_____.
0024	204.9060.S Removing (item description) 01. Picnic Shelter	1.000 EACH	_____.	_____.
0026	204.9060.S Removing (item description) 02. Luminaires	40.000 EACH	_____.	_____.
0028	204.9060.S Removing (item description) 03. Lighting Unit	5.000 EACH	_____.	_____.
0030	204.9105.S Removing (item description) 04. Loop Detector Wire & Lead-In Cable STH 165 & E. Front. Rd (120th Ave)	LS	LUMP SUM	_____.



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Contract Items

Alt Set ID:

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Proposal Line Number	Item ID Description	Approximate Quantity and Units	Unit Price	Bid Amount
0032	205.0100 Excavation Common	4,466.000 CY	_____.	_____.
0034	205.0400 Excavation Marsh	2,902.000 CY	_____.	_____.
0036	208.1100 Select Borrow	4,063.000 CY	_____.	_____.
0038	213.0100 Finishing Roadway (project) 01. 3738-08-70	1.000 EACH	_____.	_____.
0040	305.0120 Base Aggregate Dense 1 1/4-Inch	2,725.000 TON	_____.	_____.
0042	310.0110 Base Aggregate Open-Graded	217.000 TON	_____.	_____.
0044	320.0145 Concrete Base 8-Inch	343.000 SY	_____.	_____.
0046	415.0080 Concrete Pavement 8-Inch	3,898.000 SY	_____.	_____.
0048	415.0100 Concrete Pavement 10-Inch	1,067.000 SY	_____.	_____.
0050	415.5110.S Concrete Pavement Joint Layout	1.000 LS	_____.	_____.
0052	416.0512 Concrete Truck Apron 12-Inch	158.000 SY	_____.	_____.
0054	416.0610 Drilled Tie Bars	1,170.000 EACH	_____.	_____.
0056	416.0620 Drilled Dowel Bars	48.000 EACH	_____.	_____.
0058	416.1010 Concrete Surface Drains	6.000 CY	_____.	_____.
0060	416.1725 Concrete Pavement Replacement SHES	79.000 SY	_____.	_____.
0062	420.1000 Continuous Diamond Grinding Concrete Pavement	3,539.000 SY	_____.	_____.



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Proposal Line Number	Item ID Description	Approximate Quantity and Units	Unit Price	Bid Amount
0064	455.0605 Tack Coat	32.000 GAL	_____.	_____.
0066	465.0105 Asphaltic Surface	38.000 TON	_____.	_____.
0068	504.0900 Concrete Masonry Endwalls	16.000 CY	_____.	_____.
0070	520.8000 Concrete Collars for Pipe	1.000 EACH	_____.	_____.
0072	522.1018 Apron Endwalls for Culvert Pipe Reinforced Concrete 18-Inch	2.000 EACH	_____.	_____.
0074	522.2329 Culvert Pipe Reinforced Concrete Horizontal Elliptical Class HE-III 29x45-Inch	144.000 LF	_____.	_____.
0076	522.2338 Culvert Pipe Reinforced Concrete Horizontal Elliptical Class HE-III 38x60-Inch	156.000 LF	_____.	_____.
0078	522.2414 Culvert Pipe Reinforced Concrete Horizontal Elliptical Class HE-IV 14x23-Inch	50.000 LF	_____.	_____.
0080	522.2614 Apron Endwalls for Culvert Pipe Reinforced Concrete Horizontal Elliptical 14x23-Inch	2.000 EACH	_____.	_____.
0082	601.0409 Concrete Curb & Gutter 30-Inch Type A	4,378.000 LF	_____.	_____.
0084	601.0551 Concrete Curb & Gutter 4-Inch Sloped 36-Inch Type A	527.000 LF	_____.	_____.
0086	602.0410 Concrete Sidewalk 5-Inch	1,050.000 SF	_____.	_____.
0088	602.0415 Concrete Sidewalk 6-Inch	352.000 SF	_____.	_____.
0090	602.0505 Curb Ramp Detectable Warning Field Yellow	16.000 SF	_____.	_____.



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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
0092	606.0200 Riprap Medium	10.900 CY	_____.	_____.
0094	608.3012 Storm Sewer Pipe Class III-A 12-Inch	13.000 LF	_____.	_____.
0096	608.3015 Storm Sewer Pipe Class III-A 15-Inch	24.000 LF	_____.	_____.
0098	608.3018 Storm Sewer Pipe Class III-A 18-Inch	68.000 LF	_____.	_____.
0100	611.0420 Reconstructing Manholes	1.000 EACH	_____.	_____.
0102	611.0612 Inlet Covers Type C	1.000 EACH	_____.	_____.
0104	611.0615 Inlet Covers Type F	1.000 EACH	_____.	_____.
0106	611.0624 Inlet Covers Type H	4.000 EACH	_____.	_____.
0108	611.2004 Manholes 4-FT Diameter	1.000 EACH	_____.	_____.
0110	611.3004 Inlets 4-FT Diameter	3.000 EACH	_____.	_____.
0112	611.3230 Inlets 2x3-FT	2.000 EACH	_____.	_____.
0114	611.8115 Adjusting Inlet Covers	8.000 EACH	_____.	_____.
0116	612.0104 Pipe Underdrain 4-Inch	620.000 LF	_____.	_____.
0118	618.0100 Maintenance And Repair of Haul Roads (project) 01. 3738-08-70	1.000 EACH	_____.	_____.
0120	619.1000 Mobilization	1.000 EACH	_____.	_____.
0122	624.0100 Water	26.000 MGAL	_____.	_____.



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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
0124	625.0100 Topsoil	791.000 SY	_____.	_____.
0126	625.0500 Salvaged Topsoil	9,517.000 SY	_____.	_____.
0128	627.0200 Mulching	11,788.000 SY	_____.	_____.
0130	628.1104 Erosion Bales	580.000 EACH	_____.	_____.
0132	628.1504 Silt Fence	2,006.000 LF	_____.	_____.
0134	628.1520 Silt Fence Maintenance	2,006.000 LF	_____.	_____.
0136	628.1905 Mobilizations Erosion Control	15.000 EACH	_____.	_____.
0138	628.1910 Mobilizations Emergency Erosion Control	6.000 EACH	_____.	_____.
0140	628.2008 Erosion Mat Urban Class I Type B	11,406.000 SY	_____.	_____.
0142	628.7015 Inlet Protection Type C	29.000 EACH	_____.	_____.
0144	628.7020 Inlet Protection Type D	9.000 EACH	_____.	_____.
0146	628.7504 Temporary Ditch Checks	120.000 LF	_____.	_____.
0148	628.7555 Culvert Pipe Checks	8.000 EACH	_____.	_____.
0150	628.7570 Rock Bags	135.000 EACH	_____.	_____.
0152	629.0210 Fertilizer Type B	6.500 CWT	_____.	_____.
0154	630.0160 Seeding Mixture No. 60	131.000 LB	_____.	_____.
0156	630.0200 Seeding Temporary	15.000 LB	_____.	_____.



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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
0158	631.0300 Sod Water	13.000 MGAL	_____.	_____.
0160	631.1000 Sod Lawn	600.000 SY	_____.	_____.
0162	634.0618 Posts Wood 4x6-Inch X 18-FT	60.000 EACH	_____.	_____.
0164	637.1220 Signs Type I Reflective SH	228.000 SF	_____.	_____.
0166	637.2210 Signs Type II Reflective H	537.144 SF	_____.	_____.
0168	637.2230 Signs Type II Reflective F	50.500 SF	_____.	_____.
0170	638.2102 Moving Signs Type II	9.000 EACH	_____.	_____.
0172	638.2601 Removing Signs Type I	5.000 EACH	_____.	_____.
0174	638.2602 Removing Signs Type II	27.000 EACH	_____.	_____.
0176	638.3000 Removing Small Sign Supports	35.000 EACH	_____.	_____.
0178	638.3100 Removing Structural Steel Sign Supports	2.000 EACH	_____.	_____.
0180	641.8100 Overhead Sign Support (structure) 01. S-30-0256	LS	LUMP SUM	_____.
0182	642.5001 Field Office Type B	1.000 EACH	_____.	_____.
0184	643.0300 Traffic Control Drums	10,876.000 DAY	_____.	_____.
0186	643.0420 Traffic Control Barricades Type III	2,179.000 DAY	_____.	_____.
0188	643.0705 Traffic Control Warning Lights Type A	4,278.000 DAY	_____.	_____.



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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
0190	643.0715 Traffic Control Warning Lights Type C	20.000 DAY	_____.	_____.
0192	643.0800 Traffic Control Arrow Boards	4.000 DAY	_____.	_____.
0194	643.0900 Traffic Control Signs	2,864.000 DAY	_____.	_____.
0196	643.0910 Traffic Control Covering Signs Type I	1.000 EACH	_____.	_____.
0198	643.1050 Traffic Control Signs PCMS	10.000 DAY	_____.	_____.
0200	643.5000 Traffic Control	1.000 EACH	_____.	_____.
0202	645.0120 Geotextile Type HR	32.000 SY	_____.	_____.
0204	646.1020 Marking Line Epoxy 4-Inch	2,712.000 LF	_____.	_____.
0206	646.1545 Marking Line Grooved Wet Ref Contrast Epoxy 4-Inch	275.000 LF	_____.	_____.
0208	646.3020 Marking Line Epoxy 8-Inch	932.000 LF	_____.	_____.
0210	646.3040 Marking Line Grooved Wet Ref Epoxy 8-Inch	466.000 LF	_____.	_____.
0212	646.5020 Marking Arrow Epoxy	21.000 EACH	_____.	_____.
0214	646.5120 Marking Word Epoxy	7.000 EACH	_____.	_____.
0216	646.5220 Marking Symbol Epoxy	4.000 EACH	_____.	_____.
0218	646.6120 Marking Stop Line Epoxy 18-Inch	104.000 LF	_____.	_____.
0220	646.7120 Marking Diagonal Epoxy 12-Inch	661.000 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
0222	646.8120 Marking Curb Epoxy	689.000 LF	_____.	_____.
0224	646.8320 Marking Parking Stall Epoxy	4,643.000 LF	_____.	_____.
0226	646.9000 Marking Removal Line 4-Inch	1,406.000 LF	_____.	_____.
0228	646.9100 Marking Removal Line 8-Inch	932.000 LF	_____.	_____.
0230	650.4000 Construction Staking Storm Sewer	9.000 EACH	_____.	_____.
0232	650.4500 Construction Staking Subgrade	2,304.000 LF	_____.	_____.
0234	650.5500 Construction Staking Curb Gutter and Curb & Gutter	1,400.000 LF	_____.	_____.
0236	650.6000 Construction Staking Pipe Culverts	5.000 EACH	_____.	_____.
0238	650.7000 Construction Staking Concrete Pavement	2,154.000 LF	_____.	_____.
0240	650.8500 Construction Staking Electrical Installations (project) 01. 3738-08-70	LS	LUMP SUM	_____.
0242	650.9910 Construction Staking Supplemental Control (project) 01. 3738-08-70	LS	LUMP SUM	_____.
0244	650.9920 Construction Staking Slope Stakes	2,493.000 LF	_____.	_____.
0246	652.0210 Conduit Rigid Nonmetallic Schedule 40 1-Inch	220.000 LF	_____.	_____.
0248	652.0225 Conduit Rigid Nonmetallic Schedule 40 2-Inch	1,672.000 LF	_____.	_____.
0250	652.0615 Conduit Special 3-Inch	100.000 LF	_____.	_____.



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Contract Items

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Proposal Line Number	Item ID Description	Approximate Quantity and Units	Unit Price	Bid Amount
0252	652.0800 Conduit Loop Detector	84.000 LF	_____.	_____.
0254	653.0115 Pull Boxes Steel 12x36-Inch	1.000 EACH	_____.	_____.
0256	653.0135 Pull Boxes Steel 24x36-Inch	1.000 EACH	_____.	_____.
0258	653.0140 Pull Boxes Steel 24x42-Inch	5.000 EACH	_____.	_____.
0260	653.0905 Removing Pull Boxes	4.000 EACH	_____.	_____.
0262	654.0105 Concrete Bases Type 5	8.000 EACH	_____.	_____.
0264	654.0111 Concrete Bases Type 11	3.000 EACH	_____.	_____.
0266	654.0220 Concrete Control Cabinet Bases Type 10	1.000 EACH	_____.	_____.
0268	655.0610 Electrical Wire Lighting 12 AWG	999.000 LF	_____.	_____.
0270	655.0615 Electrical Wire Lighting 10 AWG	1,000.000 LF	_____.	_____.
0272	655.0620 Electrical Wire Lighting 8 AWG	3,830.000 LF	_____.	_____.
0274	655.0630 Electrical Wire Lighting 4 AWG	2,640.000 LF	_____.	_____.
0276	655.0700 Loop Detector Lead In Cable	296.000 LF	_____.	_____.
0278	655.0800 Loop Detector Wire	852.000 LF	_____.	_____.
0280	657.0255 Transformer Bases Breakaway 11 1/2-Inch Bolt Circle	6.000 EACH	_____.	_____.
0282	657.0322 Poles Type 5-Aluminum	6.000 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
0284	657.0715 Luminaire Arms Truss Type 4 1/2-Inch Clamp 15-FT	6.000 EACH	_____.	_____.
0286	659.1120 Luminaires Utility LED B	34.000 EACH	_____.	_____.
0288	690.0250 Sawing Concrete	3,698.000 LF	_____.	_____.
0290	715.0415 Incentive Strength Concrete Pavement	1,296.000 DOL	1.00000	1,296.00
0292	SPV.0060 Special 21. Lighting Units Walkway LED	3.000 EACH	_____.	_____.
0294	SPV.0060 Special 22. Post Top Luminaires Utility Led	11.000 EACH	_____.	_____.
0296	SPV.0060 Special 25. Repair Picnic Table Type1	2.000 EACH	_____.	_____.
0298	SPV.0060 Special 26. Rest Area Picnic Shelters	1.000 EACH	_____.	_____.
0300	SPV.0060 Special 27. Grading Shaping Finishing Picnic Shelters	1.000 EACH	_____.	_____.
0302	SPV.0060 Special 29. Salvage & Reinstall Ramp Gate Assembly	1.000 EACH	_____.	_____.
0304	SPV.0085 Special 01. Concrete Pavement Corner Repair Partial Depth	10,901.000 LB	_____.	_____.
0306	SPV.0105 Special 11. Lighting System Integrator	LS	LUMP SUM	_____.
0308	SPV.0105 Special 12. Lighting System Survey	LS	LUMP SUM	_____.

Section: 0001

Total:

Total Bid:

PLEASE ATTACH SCHEDULE OF ITEMS HERE