

HIGHWAY WORK PROPOSAL

Wisconsin Department of Transportation
DT1502 10/2010 s.66.29(7) Wis. Stats.

Proposal Number:

41

COUNTY	STATE PROJECT ID	FEDERAL PROJECT ID	PROJECT DESCRIPTION	HIGHWAY
Northwest Region Wide	1000-08-88		NWRegion, Var Hwy/Freight Mitigation Various Locations - North	Var Hwy

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, \$ 40,000.00 Payable to: Wisconsin Department of Transportation	Attach Proposal Guaranty on back of this PAGE.
Bid Submittal Due Date: May 10, 2016 Time (Local Time): 9:00 AM	Firm Name, Address, City, State, Zip Code
Contract Completion Time One hundred (100) Calendar Days	SAMPLE NOT FOR BIDDING PURPOSES
Assigned Disadvantaged Business Enterprise Goal 0%	This contract is exempt from federal oversight.

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

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

Subscribed and sworn to before me this date _____

(Signature, Notary Public, State of Wisconsin)

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

(Date Commission Expires)

Notary Seal

(Bidder Signature)

(Print or Type Bidder Name)

(Bidder Title)

For Department Use Only

Type of Work Concrete curb and gutter, concrete island/median, concrete apron, sidewalks, curb ramps, traffic signals, lighting, permanent signing, pavement markings.	
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:
<http://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 P.M. local time on the Thursday before the letting. Check the department's web site after 5:00 P.M. 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 P.M. 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:
<http://wisconsindot.gov/Pages/doing-bus/contractors/hcci/bid-let.aspx>

or by calling the department at (608) 266-1631. Addenda can ONLY be obtained from the departments web site listed above or by picking up the addenda at the Bureau of Highway Construction, Room 601, 4802 Sheboygan Avenue, 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 ExpressTM web site.
 2. Use ExpediteTM software to enter a unit price for every item in the schedule of items.
 3. Submit the bid according to the requirements of ExpediteTM software and the Bid ExpressTM web site. Do not submit a bid on a printout with accompanying diskette or CD ROM or a paper bid. If the bidder does submit a bid on a printout with accompanying diskette or a paper bid in addition to the internet submittal, the department will disregard the internet bid.
 4. Submit the bid before the hour and date the Notice to Contractors designates.
 5. Do not sign, notarize, and return the bidding proposal described in 102.2 of the standard specifications.
- (3) The department will not consider the bid accepted until the hour and date the Notice to Contractors designates.

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

- (1) Download the latest schedule of items from the Wisconsin pages of the Bid ExpressTM web site reflecting the latest addenda posted on the department's web site at:
<http://wisconsindot.gov/Pages/doing-bus/contractors/hcci/bid-let.aspx>

Use ExpediteTM software to prepare and print the schedule of items. Provide a valid amount for all price fields. Follow instructions and review the help screens provided on the Bid ExpressTM web site to assure that the schedule of items is prepared properly.

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

Bidder

Name

BN00

Proposals: 1, 12, 14, & 22

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

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

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

Table of Contents

Article	Description	Page #
1.	General.....	3
2.	Scope of Work.	3
3.	Prosecution and Progress.	3
4.	Railroad Insurance and Coordination.	4
5.	Traffic and Sequence of Work Operations.	5
6.	Traffic Signals, General.	6
7.	Other Contracts.	7
8.	Holiday Work Restrictions.	7
9.	Utilities.....	8
10.	Environmental Concerns.....	12
11.	Sensitive Work Zones.	13
12.	Notice to Contractor – Contamination Beyond Construction Limits.	13
13.	Native American Hiring.....	13
14.	Removing Inlet Covers, Item 204.9060.S.01.....	15
15.	Removing Lighting Control Cabinet, Item 204.9060.S.02.....	15
16.	Removing Lighting Unit, Item 204.9060.S.03.	16
17.	Removing Cables, Item 204.9090.S.01.	16
18.	Grading, Shaping and Finishing Intersection USH 8/CTH SS, Item 205.9015.S.01; USH 2/USH 63, Item 205.9015.S.02; USH 63/STH 77/STH 27, Item 205.9015.S.03; USH 8/STH 73, Item 205.9015.S.04; STH 35/STH 77, Item 205.9015.S.05; USH 8/STH 35/208TH ST., Item 205.9015.S.07.....	17
19.	Select Borrow.....	18
20.	QMP Base Aggregate.	18
21.	Concrete Curb and Gutter.	26
22.	Removing Signs Type II, Item 638.2602.....	26
23.	Install Conduit Into Existing Item, Item 652.0700.S.....	27
24.	Adjusting Pull Boxes, Item 653.0900.....	27
25.	Concrete Curb and Gutter 4-Inch Sloped 36-Inch Type D Modified, Item SPV.0090.01.	28
26.	Concrete Curb and Gutter 4-Inch Sloped 36-Inch Type A Modified, Item SPV.0090.02.	28
27.	Concrete Curb and Gutter Cure and Seal Treatment, Item SPV.0090.03.....	28
28.	Construction Staking Select Crushed Material, Item SPV.0090.04.	29
29.	Concrete Crack Mitigation and Repair Special USH 8/CTH SS, Item SPV.0105.01; USH 2/USH 63, Item SPV.0105.02; USH 63/STH 77/STH 27, Item SPV.0105.03; USH 8/STH 73, Item SPV.0105.04; STH 35/STH 77, Item SPV.0105.05; USH 8/EAST 3RD ST., Item SPV.0105.06; USH 8/STH 35/208TH ST., Item SPV.0105.07.	29
30.	Concrete Apron and Concrete Island Joint Layout USH 8/CTH SS, Item SPV.0105.08; USH 2/USH 63, Item SPV.0105.09; USH 63/STH 77/STH 27, Item	

	SPV.0105.10; USH 8/STH 73, Item SPV.0105.11; STH 35/STH 77, Item SPV.0105.12; USH 8/EAST 3RD ST., Item SPV.0105.13; USH 8/STH 35/208th St., Item SPV.0105.14.....	30
31.	Salvage Above Ground Traffic Signal Equipment, Item SPV.0105.15.	31
32.	Transporting Traffic Signal and Intersection Lighting Materials, Item SPV.0105.16.	32
33.	Concrete Island Special, Item SPV.0165.01; Concrete Apron Special, Item SPV.0180.01.	33
34.	Concrete Sidewalk Cure and Seal Treatment, Item SPV.0165.02; Concrete Median Sloped Nose Cure and Seal Treatment, Item SPV.0165.03.	35
35.	Geogrid, Item SPV.0180.02.....	36

SPECIAL PROVISIONS

1. General.

Perform the work under this construction contract for Project 1000-08-88, NW Region, Various Highway/Freight Mitigation, Various Locations - North, Various Highways, Northwest Region Wide, Barron, Bayfield, Burnett, Polk, Rusk and Sawyer Counties, 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, 2016 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 (20151210)

2. Scope of Work.

The work under this contract shall consist of Removing Asphaltic Surface, Removing Curb and Gutter, Removing Sidewalk, Grading Shaping and Finishing Intersections, Concrete Curb and Gutter, Concrete Sidewalk, Coloring Concrete, Concrete Island Special, Concrete Apron Special, Asphaltic Surface, Culvert Pipe, Erosion Control, Signing, Pavement Marking, Traffic Signals, 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 time frame for construction of the project within the 2016 construction season to the engineer in writing within a month after executing the contract but at least 14 calendar days before the preconstruction conference. Assure that the time frame is consistent with the contract completion time. Upon approval, the engineer will issue the notice to proceed within ten calendar days before the beginning of the approved time frame.

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

4. Railroad Insurance and Coordination.

A Description

Comply with standard spec 107.17 for all work affecting Wisconsin Central Limited property and any existing tracks.

A.1 Railroad Insurance Requirements

In addition to standard spec 107.26, provide railroad protective liability insurance coverage as specified in standard spec 107.17.3. Insurance is filed in the name of Wisconsin Central Ltd. and its parent companies.

Notify evidence of the required coverage, and duration to Jackie Macewicz, Manager Public Works, 1625 Depot St., Stevens Point, WI, 54481; TELEPHONE (715) 345-2503; FAX (715) 345-2507; email jackie.macewicz@cn.ca. Include the following information on the insurance document:

Project 1000-08-88
Route Name USH 8/CTH SS, Barron County
Crossing ID 691 201W
Railroad Subdivision Barron Sub
Railroad Milepost 96.54

A.2 Work by Railroad

The railroad will perform the work described in this section, except for work described in other special provisions and will be accomplished without cost to the contractor. None

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

Contact Jackie Macewicz, Manager Public Works, 1625 Depot St., Stevens Point, WI, 54481; TELEPHONE (715) 345-2503; FAX (715) 345-2507; email jackie.macewicz@cn.ca for consultation on railroad requirements during construction.

Contact Mary Ellen Carmody, Audit Officer, Administration Service Center, 24002 Vreeland Road, Flat Rock, MI 48134; TELEPHONE (734) 783-4533; email maryellen.carmody@cn.ca for flagging arrangements. Advise Ms. Carmody that the flagging services are to be billed at the rate for a public highway project.

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

A.4 Temporary Grade Crossing

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

A.5 Train Operation

Approximately two to four through freight trains operate daily through the construction site. Through freight trains operate at up to 40 mph. In addition to through movements, there are switching movements at slower speeds.

Railroad Fiber Optic Lines

Wisconsin Central Ltd. **Fiber Optic Lines**

Call “Diggers Hotline” and additionally contact Mary Ellen Carmody, Audit Officer, Administration Service Center, 24002 Vreeland Road, Flat Rock, MI 48134; TELEPHONE (734) 783-4533; email maryellen.carmody@cn.ca

five working days before any work is performed. The railroad will determine if fiber optic or other type of cable is buried in the general work location. If present, contact the owner of the fiber optic or cable line to determine its exact location.

5. Traffic and Sequence of Work Operations.

There shall be a maximum of two locations under construction at any one time. All work, except for the punch list, must be complete before beginning construction at another location.

There shall be a maximum of seven calendar days between curb and gutter removal and the installation of new curb and gutter. Any voids created by undermining of the adjacent pavement, sidewalk or other surfaces shall be filled with concrete during the installation of new curb and gutter. The cost of any additional concrete to fill voided areas shall be incidental to the concrete item being installed.

Adjustments to traffic signal timing will be required during construction at the USH 63/STH 77/STH 27 intersection. This work will be done by WisDOT staff. Provide the engineer with 2 weeks’ notice prior to lane closures at this location so coordination can be completed.

Flagger personnel shall be available to stop traffic on all of the intersecting highways when the right turn lane is closed, thereby allowing the space required for large truck turning maneuvers at the following locations:

- Location #1, USH 8/CTH SS, Village of Cameron, Barron County
- Location #2, USH 2/USH 63, Town of Keystone, Bayfield County
- Location #4, USH 8/STH 73, Village of Ingram, Rusk County
- Location #5, STH 35/STH 77, Danbury, Burnett County

Flagger personnel shall also be made available during loop detector installations at Location #3, USH 63/STH 77/STH 27, City of Hayward, Sawyer County.

Maintain emergency access to the project area at all times.

Maintain access to all businesses and private properties at all times. Additional intermediate construction staging or staging gaps, not shown on the plans, may be

necessary to maintain continuous access to all properties. If the contractor coordinates the closure of any access to a business or private property with the owner(s), provide written documentation of coordination with the owner(s) to the engineer 48 hours prior to any closures.

The St. Croix Band Chippewa Indians of Wisconsin may be reconstructing / relocating the curb ramps and crosswalk at the north side of the STH 35/77 intersection in Danbury concurrent with this project. Contact Wisconsin Department of Transportation Region Maintenance Supervisor, Michael Ostrenga, phone (715) 392-7945, prior to the preconstruction conference to coordinate work schedule.

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 $\leq 16'$)	MINIMUM NOTIFICATION
Lane and shoulder closures	14 calendar days
Full roadway closures	14 calendar days
System and service ramp closures	14 calendar days
Full system and service ramp closures	14 calendar days
Detours	14 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
System and service 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.

108-057 (20150630)

6. Traffic Signals, General.

The Northwest Region electrical unit will remove, furnish, and install all above ground traffic signal equipment. The electrical unit will also remove, furnish, and install all traffic signal cable as needed.

Transport Northwest Region furnished materials from the Northwest Region – Eau Claire Office Electrical Shop, Highway 53 South, Eau Claire, WI, to the project location.

The contractor shall notify the Northwest Region – Eau Claire Office Electrical Unit at (715) 839-3787 and make arrangements for picking up the Northwest Region furnished materials five working days prior to picking the materials up.

Inspection requests shall be made to the engineer at least five working days prior to the time of the requested inspection. Northwest Region – Eau Claire Office Electrical personnel will perform the inspection.

Electrical item inspections are required at the following times: after the staking of all electrical underground items, islands, curb and gutter and medians; during loop detector placement; before pouring of all lighting, signal, and cabinet bases; before cable and wire are pulled; during field terminations at signal and lighting bases; and prior to the installation of any poles, standard or above ground electrical items.

7. Other Contracts.

Project 1580-09-73, City of Ladysmith, 3rd Street, Flambeau River Bridge was let and awarded to Monarch Paving, Inc. and is adjacent to Location #6 (Ladysmith) in Project 1000-08-88.

Project 1580-09-73 involves placing an epoxy overlay on the USH 8 Flambeau River bridge and other miscellaneous work on this structure. There are lane closures associated with Project 1580-09-73 that may impact the work at Location #6 (Ladysmith) in Project 1000-08-88. Coordinate with Monarch Paving, Inc. regarding traffic control, lane closures and any other necessary issues.

If a mutual agreement with Monarch Paving, Inc. regarding the coordination of lane closures and traffic control cannot be obtained, Monarch Paving, Inc. shall make the decision on lane closures and traffic control and the contractor on this project shall adjust operations around this decision. There shall be no additional compensation for delays or any other expenses if this situation occurs.

8. Holiday Work Restrictions.

Do not perform work on, nor haul materials of any kind along or across any portion of the highway carrying USH 2, USH 8, USH 63, STH 27, STH 35, STH 73, and STH 77 traffic, and entirely clear the traveled way and shoulders of such portions of the highway of equipment, barricades, signs, lights, and any other material that might impede the free flow of traffic during the following holiday periods:

All Locations:

- From noon Friday, July 1, 2016 to 6:00 AM Tuesday, July 5, 2016 for Independence Day;
- From noon Friday, September 2, 2016 to 6:00 AM Tuesday, September 6, 2016 for Labor Day;

Location #2 and #3:

- From 6:00 AM Friday, October 7, 2016 to 6:00 AM Monday, October 10, 2016 for Bayfield's Apple Festival;

Location #3:

- From 6:00 AM Thursday, June 16, 2016 to 6:00 AM Monday, June 20, 2016 for Hayward's Musky Festival;

Location #3:

- From 6:00 AM Thursday, July 28, 2016 to 6:00 AM Monday, August 1, 2016 for Hayward's Lumberjack World Championship;

Location #3:

- From noon Friday, September 16, 2016 to 6 AM Monday, September 19, 2016 for Chequamegon Fat Tyre Mountain Biking Event;

Location #3:

- From noon Friday, September 23, 2016 to 6 AM Monday, September 26, 2016 for Hayward's Fall Festival.

107-005 (20050502)

9. Utilities.

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

107-065 (20080501)

Coordinate construction activities with a call to Diggers Hotline or a direct call to the utilities that have facilities in the area as required by state statutes. Use caution to ensure the integrity of underground facilities and maintain code clearances from overhead facilities at all times.

Coordinate all work with the utilities, including giving proper notification when utility work is to be performed in conjunction with highway construction.

Location #1, USH8/CTH SS, Village of Cameron, Barron County:

Mosaic Telecom - has underground telephone running along the east side of USH 8 (CTH SS). Notify the utility 1 week prior to construction, to coordinate a possible fiber watch. No conflicts anticipated.

Village of Cameron Municipal Water - has underground water running along the east side of USH 8, then turning following the southeast radius of USH 8/CTH SS intersection and running along the south side of USH 8. The utility plans to remove existing water services from the water main in the areas of construction. Work will begin once the curb is removed and is expected to take one working day. Notify the utility of curb removal two weeks prior to construction.

WE Energies (gas) - has underground gas running along the north side of USH 8 (W. Main St.) crossing approximately 130 feet (Station 1+30) west of USH 8/CTH SS Intersection. At Station 1+42 RT, PE 1-1/4-inch gas main to be discontinued prior to construction. No conflicts anticipated.

WisDOT Electrical Unit - has underground electric running from pull box to signals throughout the intersection. No conflicts anticipated.

Xcel Energies (electric) - has overhead power lines running along the south side of USH 8 (W. Main St.) crossing USH8 (CTH SS) approximately 50 feet (Station 136+40) south of USH 8/CTH SS Intersection. No conflicts anticipated.

Location #2, USH 2/USH 63, Town of Keystone, Bayfield County:

Bayfield Electric Cooperative - has a 3-phase overhead power line running along the south side of USH 2, crossing USH 63 approximately 75 feet (Station 143+75) south of USH 2. No conflicts anticipated. Electric service meter pole (Station 143+73, 70' LT) will be removed by the utility. New service conduit and conductors will be installed by the utility beginning at electric power pole located Station 143+53, 124' LT and ending at the new meter installed by the utility on a meter breaker pedestal located at Station 143+64, 92' LT. Notify the utility three days prior to work beginning at the intersection to coordinate a time frame for the utility to remove the existing meter pole (Station 143+73, 70' LT) and before installation of the lighting control cabinet. Work will be done during construction and will take approximately half a day.

Merit Network, Inc. - has an underground fiber optic lines approximately 100 feet north of USH 2. No conflicts anticipated.

Norvado - has underground fiber optic on the south side of USH 2 beyond right-of-way. No conflicts anticipated.

WisDOT Electrical Unit - has underground electric on the south side of USH 2, crossing USH 63 (Station 144+00 - 144+25) between pull boxes for signals and lighting. No conflicts anticipated.

Location #3, USH 63/STH 77/STH 27, City of Hayward, Sawyer County:

CenturyLink - has underground telephone running along the southeast side of USH 63, crossing STH 77 at 100 feet southeast of the intersection. No conflicts anticipated.

City of Hayward Waterworks - has underground water, storm sewer, and sanitary sewer in the area of construction. Water is located on the northeast side of the intersection, crossing USH 63 approximately 275 feet northeast (Station 302+75) of the intersection. No underground water conflicts anticipated. Sanitary Sewer is located on the northeast side of the intersection, crossing USH 63 approximately 250 feet northeast (Station 302+50) of the intersection. No sanitary sewer conflicts anticipated. Storm sewer is located on USH 63/STH 27, southwest of the intersection. No storm sewer conflicts anticipated.

Norvado - has underground telephone running along the southeast side of USH 63/STH 27 to the intersection, crossing STH 77 approximately 245 feet southeast (Station 132+45) of the intersection, and crossing USH 63 approximately 210 feet northeast (Station 302+10) of the intersection, and then running along the northeast side of STH 27/STH 77. No conflicts anticipated.

WE Energies (gas) - has underground gas, located on the northeast and southeast side of STH 77. Underground gas is also located along the northeast side of USH 63 and the south side of USH 63 running southwest along USH 63. No conflicts anticipated.

Xcel Energy (electric) - has overhead electric crossing the intersection of USH 63/STH 77/STH 27 from the western radius to the eastern radius of the intersection. Overhead electric also runs along the southeast side of USH 63, and crosses STH 77 at 260 feet southeast of the intersection (Station 132+60). No conflicts anticipated.

WisDOT Electrical Unit - has underground traffic loops and underground electric for signals in all four quadrants of the intersection. No conflicts anticipated.

Location #4, USH 8/STH 73, Village of Ingram, Rusk County:

CenturyLink - has two underground telephone lines running along the east side of STH 73, and crossing USH 8 approximately 150 feet east (Station 71+80) of the intersection. It is expected that the cables will be safe during construction with excavation depth of less than 1 foot at this location. Cables consist of one copper distribution cable and one fiber optic cable used for switch to switch communication. No conflicts anticipated.

Jump River Electric Cooperative - has overhead electric running along the west side of STH 73, crossing STH 73 approximately 140 feet south (Station 996+75) of the intersection, and crossing USH 8 approximately 50 feet west of the intersection. No conflicts anticipated.

Location #5, STH 35/STH 77, Danbury (Unincorporated), Burnett County:

CenturyLink - has underground telephone running along the east side of STH 35, to a pedestal approximately 100 feet south of the intersection. No conflicts anticipated.

Danbury Sanitary District - has underground sanitary and water in the area of construction. Water crosses STH 35/77 30 feet north of the intersection from a water valve on the east side to the west, along the north side of STH 77. Water also runs along the east side of STH 35 and STH 35/77, and crosses STH 35 approximately 140 feet south of the intersection. No water conflicts anticipated. Sanitary crosses STH 35/77 40 feet north of the intersection, from a sanitary manhole on the east side, to the west along the north side of STH 77. From the manhole, sanitary runs north along the east side of STH 35/77. Sanitary also crosses STH 35 approximately 135 feet south of the intersection. No sanitary conflicts anticipated.

Northwestern Wisconsin Electric Company - has underground electric running along the east side of STH 35 and STH 35/77. Underground electric is also located in the southwest quadrant of the intersection, from a business sign on right-of-way to the building. No conflicts anticipated.

WE Energies (gas) - has underground gas that runs along the west side of STH 35, crossing STH 77 approximately 20 feet west of the intersection and continuing north along the west side of STH 35/77. The line tees near Station 81+00 and runs along the south side of STH 77. No conflicts anticipated.

Location #6, USH 8/East 3rd St. (Lake Ave. - E 3rd St.), City of Ladysmith, Rusk County:

CenturyLink - has underground telephone crossing USH 8 (Lake Ave) approximately 155 feet west of the intersection. Underground telephone is also located along the north side of USH 8 (Lake Ave), and east side of USH 8 (E. 3rd St. N.), following the NE quadrant radius. No conflicts anticipated.

Ladysmith Municipal Water Utility - has underground storm sewer and water in the area of construction. Water runs down the centerline of USH 8 (Lake Ave) with various service tees, one of which runs north along the west side of USH 8 (E. 3rd St. N.) under the concrete sidewalk. No water conflicts anticipated. Storm sewer runs down the centerline of USH 8 (Lake Ave) and along the west side of USH 8 (E. 3rd St. N.). Storm sewer crosses USH 8 (E. 3rd St. N.) approximately 130 feet north of the intersection, and it crosses USH 8 (Lake Ave) approximately 130 feet east of the intersection. Various storm laterals connect from curb radius inlets to a manhole located at Station 356+30, 50 feet LT. No storm sewer conflicts anticipated.

WE Energies (gas) - has underground gas running along the west side of USH 8 (E. 3rd St. N.) from 15 feet to 30 feet LT of centerline. Gas runs along the south side of USH 8 (Lake Ave), and crosses approximately 135 feet west of the intersection and continues east along

the north side of USH 8 (Lake Ave). A service tee is located 140 feet west of the intersection, on the north side of USH 8 (Lake Ave), and runs through a parking lot to a restaurant on the east side of the building. A gas valve located in the island is to be adjusted in the field after the curb and gutter is poured. Notify the utility one week prior to pouring concrete curb and gutter to coordinate gas valve adjustment. No conflicts anticipated.

Location #7, USH 8/STH 35/208th St. Round-A-Bout, City of St. Croix Falls, Polk County:

CenturyLink - has underground telephone running along the south side of USH 8/STH 35 (130th St.) crossing 208th St. in two locations. One is along the face of curb of the splitter island nose of the south leg, and the other is approximately 60 feet south of the first crossing on the south leg of the round-a-bout. Underground telephone also runs along the west side of 208th St. crossing USH 8/STH 35 (130th St.) approximately 25 feet west of the face of curb of the splitter island nose of the west leg of the round-a-bout. The contractor may encounter underground cables that are no longer in use and that should have been removed when the round-a-bout was built. No conflicts anticipated.

Polk-Burnett Electric Cooperative - has overhead electric along the south side of USH8/STH 35 (130th St.), crossing the 208th St in the south leg of the round-a-bout. No conflicts anticipated.

WE Energies (gas) - has underground gas running along the west side of 208th St. crossing USH 8/STH 35. Gas is also located along the northeast radius of the intersection on the north side USH 8/STH 35 (130th St.) and east side of 208th St. No conflicts anticipated.

WisDOT Electrical Unit - has underground electric along the northeast radius, northwest radius, and southwest radius of the round-a-bout. Underground electric crosses USH 8/STH 35 (130th St.) approximately 45 feet west of the face of curb of the splitter island nose of the west leg of the round-a-bout, and crosses 208th St. approximately 20 feet south of the face of curb of the splitter island nose of the south leg of the round-a-bout. Conduit for street lighting is approximately 2 feet deep around the radii behind the proposed edge of pavement. No conflicts anticipated.

10. Environmental Concerns.

Add the following to standard spec 107.20:

Take appropriate measures to install and maintain all necessary erosion and sediment control devices during construction operations near wetlands, according to the plans and specifications, and as directed by the engineer.

Install silt fence prior to construction, and install it at the toe of proposed or existing slopes when working adjacent to wetland areas. When slope or channel disturbance occurs, take immediate action in placement of any required topsoil, fertilizer, seed, mulch and erosion mat in order to minimize the period of exposure to possible erosion.

No material stockpiles are allowed near wetlands.

11. Sensitive Work Zones.

All intersection locations were cleared for archaeological and burial sites except Location #5, STH 35/STH 77, Danbury (Unincorporated), Burnett County. It is expected that the proposed actions at Location #5 have little to no likelihood to adversely affect historic properties that would be eligible for the NRHP. If there are inadvertent discoveries (human or significant archaeological) during construction, immediately terminate excavation in the area and notify the engineer. Additional Section 106 coordination and consultation will be required.

The contractor may not enter tribal property without written permission. The contractor may not use the tribal lands for staging, grading, or accessing.

12. Notice to Contractor – Contamination Beyond Construction Limits.

The department reviewed Wisconsin DNR BRRTS and RR sites and determined the following closed sites:

1. Southwest quadrant of STH 35/STH 77 intersection in Burnett County.
2. Northwest quadrant of STH 35/STH 77 intersection in Burnett County.
3. Southwest quadrant of USH 8/STH 73 intersection in Rusk County.

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

13. Native American Hiring.

Pre-Bid

Before bid submittal, contact the St. Croix Band of Chippewa Indians of Wisconsin to provide information on hiring procedures and future employment opportunities, and gather information on the tribal work force.

St. Croix Band of Chippewa Indians of Wisconsin tribal labor office contact information:

Ann Belisle
St. Croix Chippewa Community
4456 St. Road 70
Webster, WI 54893
Office: (715) 349-2195 Ext. 5182
Email: annb@stcroixtribalcenter.com

Maintain documentation of all efforts made to communicate with St. Croix Band of Chippewa Indians of Wisconsin. Pre-bid, submit documentation to the Bureau of Project Development at DOTDTSDDHighwayConstructionContractors@dot.wi.gov in conjunction with the Proposal Request Form. The Eligible Bidders list will not be updated until this documentation is received. Include the following information in documentation:

- Proposal number/route number/termini/county
- Person(s) contacted
- Method of communication (phone, email, written, in person)
- Information exchanged (hiring procedures, available positions, referrals received, employee performance, etc)

After Execution

At a minimum of three days before the tribal coordination meeting, contact the St. Croix Band of Chippewa Indians of Wisconsin to provide the following information regarding available employment opportunities for prime and subcontractors:

- Job classification/trade
- Job qualifications and required skills
- Employment period
- Wage
- Copy of job application

After receiving employment opportunities, the St. Croix Band of Chippewa Indians of Wisconsin will within two business days provide employment referrals, or provide other recruitment sources to obtain qualified referrals.

Document all efforts made to communicate job opportunities and the results of hiring activities throughout the life of the contract. At any time during the life of the contract, provide St. Croix Band of Chippewa Indians of Wisconsin communication documentation within five business days of request by the department.

Tribal Coordination Meeting

Between execution of contract and the project preconstruction conference, setup and coordinate a meeting with the Tribal officials and leaders at St. Croix Band of Chippewa Indians of Wisconsin and notify and invite WisDOT Statewide Tribal Liaison, 4802 Sheboygan Ave, Room 451, P.O. Box 7965, Madison, WI 53707-7965, kelly.jackson@dot.wi.gov, (608) 266-3761. The prime contractor and all subcontractors shall attend this meeting. Discuss available employment opportunities and other tribal

areas of interest such as scope of work, Tribal regulations, borrow sites, waste sites, and available aggregate.

Project Completion

As a part of the document submittals required under standard spec 109.7, submit documentation summarizing communications regarding job opportunities throughout the life of the contract. Provide final report to the tribe and Statewide Tribal Affairs compiling the results of hiring activities for the prime contractor as well as for subcontractors at all tiers.

107-200 (20140630)

14. Removing Inlet Covers, Item 204.9060.S.01.

A Description

This special provision describes removing inlet covers according to the pertinent provisions of standard spec 204 and as hereinafter provided.

B (Vacant)

C (Vacant)

D Measurement

The department will measure Removing Inlet Covers as each individual unit, acceptably completed.

E Payment

Add the following to standard spec 204.5:

ITEM NUMBER	DESCRIPTION	UNIT
204.9060.S.01	Removing Inlet Covers	Each

15. Removing Lighting Control Cabinet, Item 204.9060.S.02.

A Description

This special provision describes removing existing lighting control cabinet according to the pertinent provisions of standard spec 204 and as hereinafter provided.

B (Vacant)

C Construction

The contractor shall remove the existing lighting control cabinet from the location designated on the plans. The lighting control cabinet includes the cabinet and meter base pedestal. Service conductors to the removed lighting control cabinet shall be disconnected and removed as indicated in the plan. Removed lighting control cabinet shall become the property of the contractor.

D Measurement

The department will measure Removing Lighting Control Cabinet as each individual cabinet, acceptably removed.

E Payment

Supplement 204.5 to include the following:

ITEM NUMBER	DESCRIPTION	UNIT
204.9060.S.02	Removing Lighting Control Cabinet	Each

16. Removing Lighting Unit, Item 204.9060.S.03.**A Description**

This special provision describes removing existing lighting units according to the pertinent provisions of standard spec 204 and as hereinafter provided.

B (Vacant)**C Construction**

The contractor shall remove the existing lighting units from the locations designated on the plans. The lighting unit includes pole, mast arm, luminaire, lamp, ballast assembly, and transformer base. Wiring to removed light pole shall be disconnected and removed as indicated in the plan. Removed lighting units shall become the property of the contractor.

D Measurement

The department will measure Removing Lighting Unit as each individual lighting unit, acceptably removed.

E Payment

Supplement standard spec 204.5 to include the following:

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

17. Removing Cables, Item 204.9090.S.01.**A Description**

This special provision describes removal of groups of existing lighting cables and conduit from the project.

B (Vacant)**C Construction**

Existing lighting cables within conduit or direct buried will be removed from the project as a result of sub-cutting associated with roadway and sidewalk construction. Existing lighting cables not planned for reuse shall be disconnected from existing lighting units, service cabinets and panels prior to removal. Existing conduit not planned for reuse shall be cleanly

disconnected from remaining existing conduit, lighting units and service cabinets prior to removal. The removal of existing conduit not planned for reuse shall be incidental to the removal of cables. Removed lighting cables and conduit shall become the property of the contractor.

D Measurement

The department will measure Removing Cables by the linear feet of a complete branch circuit (comprised of multiple conductors), acceptably removed.

E Payment

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

ITEM NUMBER	DESCRIPTION	UNIT
204.9090.S.01	Removing Cables	LF

Payment is full compensation for removing and disposing of cables, conduit.

18. Grading, Shaping and Finishing Intersection USH 8/CTH SS, Item 205.9015.S.01; USH 2/USH 63, Item 205.9015.S.02; USH 63/STH 77/STH 27, Item 205.9015.S.03; USH 8/STH 73, Item 205.9015.S.04; STH 35/STH 77, Item 205.9015.S.05; USH 8/STH 35/208TH ST., Item 205.9015.S.07.

A Description

This special provision describes excavating, filling, grading, shaping, compacting, and finishing as necessary to construct the intersection as shown on the plans and according to the pertinent requirements of the standard specifications and as hereinafter provided.

B (Vacant)

C Construction

Dispose of all surplus and unsuitable material according to standard spec 205.3.12.

D Measurement

The department will measure Grading, Shaping and Finishing Intersection (Location) as a single complete lump sum unit of work, 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
205.9015.S.01	Grading, Shaping and Finishing Intersection USH 8/CTH SS	LS
205.9015.S.02	Grading, Shaping and Finishing Intersection USH 2/USH 63	LS
205.9015.S.03	Grading, Shaping and Finishing Intersection USH 63/STH 77/STH 27	LS

205.9015.S.04	Grading, Shaping and Finishing Intersection USH 8/STH 73	LS
205.9015.S.05	Grading, Shaping and Finishing Intersection STH 35/STH 77	LS
205.9015.S.07	Grading, Shaping and Finishing Intersection USH 8/STH 35/208TH ST.	LS

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

The base course and surfacing items will be measured and paid for under the pertinent items provided in the contract.
205-015 (20060512)

19. Select Borrow.

Conform to the requirements of standard spec 208 and as hereinafter provided.

Material

Furnish and use material that consists of granular material meeting the following requirements: Grade 2 Granular Backfill conforming to standard spec 209.2.2.
208-005 (20031103)

20. QMP Base Aggregate.

A Description

A.1 General

- (1) This special provision describes contractor quality control (QC) sampling and testing for base aggregates, documenting those test results, and documenting related production and placement process changes. This special provision also describes department quality verification (QV), independent assurance (IA), and dispute resolution.
- (2) Conform to standard spec 301, standard spec 305, and standard spec 310 as modified here in this special provision. Apply this special provision to material placed under all of the Base Aggregate Dense and Base Aggregate Open Graded bid items, except do not apply this special provision to material classified as reclaimed asphaltic pavement placed under the Base Aggregate Dense bid items.
- (3) Do not apply this special provision to material placed under the Aggregate Detours, Salvaged Asphaltic Pavement Base, Breaker Run, Select Crushed, Pit Run, Subbase, or Riprap bid items.
- (4) Provide and maintain a quality control program, defined as all activities related to and documentation of the following:
 1. Production and placement control and inspection.
 2. Material sampling and testing.

- (5) Chapter 8 of the department's construction and materials manual (CMM) provides additional detailed guidance for QMP work and describes required sampling and testing procedures. The contractor may obtain the CMM from the department's web site at:

<http://wisconsindot.gov/Pages/doing-bus/eng-consultants/cnslt-rsrcs/rdwy/default.aspx>

A.2 Contractor Testing for Small Quantities

- (1) The department defines a small quantity, for each individual Base Aggregate bid item, as a plan quantity of 9000 tons or less of material as shown in the schedule of items under that bid item.
- (2) The requirements under this special provision apply equally to a small quantity for an individual bid item except as follows:
1. The contractor need not submit a full quality control plan but shall provide an organizational chart to the engineer including names, telephone numbers, and current certifications of all persons involved in the quality control program for material under affected bid items.
 2. Divide the aggregate into uniformly sized sublots for testing as follows:

Plan Quantity	Minimum Required Testing
≤ 1500 tons	One test from production, load-out, or placement at the contractor's option ^[1]
> 1500 tons and ≤ 6000 tons	Two tests of the same type, either from production, load-out, or placement at the contractor's option ^[1]
> 6000 tons and ≤ 9000 tons	Three placement tests ^{[2] [3]}

^[1] If using production tests for acceptance, submit test results to the engineer for review prior to incorporating the material into the work. Production test results are valid for a period of 3 years.

^[2] For 3-inch material, obtain samples at load-out.

^[3] If the actual quantity overruns 9000 tons, create overrun sublots to test at a rate of one additional placement test for each 3000 tons, or fraction of 3000 tons, of overrun.

3. No control charts are required. Submit aggregate load-out and placement test results to the engineer within one business day of obtaining the sample. Assure that all properties are within the limits specified for each test.
 4. Department verification testing is optional for quantities of 6000 tons or less.
- (3) Material represented by a subplot with any property outside the specification limits is nonconforming. The department may reject material or otherwise determine the final disposition of nonconforming material as specified in standard spec 106.5.

B Materials

B.1 Quality Control Plan

- (1) Submit a comprehensive written quality control plan to the engineer at or before the pre-construction meeting. Do not place base before the engineer reviews and comments on the plan. Construct the project as that plan provides.
- (2) Do not change the quality control plan without the engineer's review. Update the plan with changes as they become effective. Provide a current copy of the plan to the engineer and post in each of the contractor's laboratories as changes are adopted. Ensure that the plan provides the following elements:
 1. An organizational chart with names, telephone numbers, current certifications and/or titles, and roles and responsibilities of QC personnel.
 2. The process used to disseminate QC information and corrective action efforts to the appropriate persons. Include a list of recipients, the communication means that will be used, and action time frames.
 3. A list of source and processing locations, section and quarter descriptions, for all aggregate materials requiring QC testing.
 4. Test results for wear, sodium sulfate soundness, freeze/thaw soundness, and plasticity index of all aggregates requiring QC testing. Obtain this information from the region materials unit or from the engineer.
 5. Descriptions of stockpiling and hauling methods.
 6. Locations of the QC laboratory, retained sample storage, and where control charts and other documentation is posted.
 7. An outline for resolving a process control problem. Include responsible personnel, required documentation, and appropriate communication steps.

B.2 Personnel

- (1) Have personnel certified under the department's highway technician certification program (HTCP) perform sampling, testing, and documentation as follows:

Required Certification Level:	Sampling or Testing Roles:
Aggregate Technician IPP Aggregate Sampling Technician Aggregate Assistant Certified Technician (ACT-AGG)	Aggregate Sampling ^[1]
Aggregate Technician IPP Aggregate Assistant Certified Technician (ACT-AGG)	Aggregate Gradation Testing, Aggregate Fractured Particle Testing, Aggregate Liquid Limit and Plasticity Index Testing

^[1] Plant personnel under the direct observation of an aggregate technician certified at level one or higher may operate equipment to obtain samples.

- (2) A certified technician must coordinate and take responsibility for the work an ACT performs. Have a certified technician ensure that all sampling and testing is performed correctly, analyze test results, and post resulting data. No more than one ACT can work under a single certified technician.

B.3 Laboratory

- (1) Perform QC testing at a department-qualified laboratory. Obtain information on the Wisconsin laboratory qualification program from:

Materials Management Section

3502 Kinsman Blvd.

Madison, WI 53704

Telephone: (608) 246-5388

<http://wisconsindot.gov/Pages/doing-bus/eng-consultants/cnslt-rsrcs/tools/appr-prod/qual-labs.aspx>

B.4 Quality Control Documentation

B.4.1 General

- (1) Submit base aggregate placement documentation to the engineer within 10 business days after completing base placement. Ensure that the submittal is complete, neatly organized, and includes applicable project records and control charts.

B.4.2 Records

- (1) Document all placement observations, inspection records, and control adjustments daily in a permanent field record. Also include all test results in the project records. Provide test results to the engineer within 6 hours after obtaining a sample. For 3-inch base, extend this 6-hour limit to 24 hours. Post or distribute tabulated results using a method mutually agreeable to the engineer and contractor.

B.4.3 Control Charts

- (1) Plot gradation and fracture on the appropriate control chart as soon as test results are available. Format control charts according to CMM 8.30. Include the project number on base placement control charts. Maintain separate control charts for each base aggregate size, source or classification, and type.
- (2) Provide control charts to the engineer within 6 hours after obtaining a sample. For 3-inch base, extend this 6-hour limit to 24 hours. Post or distribute charts using a method mutually agreeable to the engineer and contractor. Update control charts daily to include the following:
 1. Contractor individual QC tests.
 2. Department QV tests.
 3. Department IA tests.
 4. Four-point running average of the QC tests.
- (3) Except as specified under B.8.2.1 for nonconforming QV tests, include only QC tests in the running average. The contractor may plot process control or informational tests on control charts, but do not include these tests, conforming QV tests, or IA tests in the running average.

B.5 Contractor Testing

- (1) Test gradation, fracture, liquid limit and plasticity index during placement for each base aggregate size, source or classification, and type.
- (2) Test gradation once per 3000 tons of material placed. Determine random sample locations and provide those sample locations to the engineer. Obtain samples after the material has been bladed, mixed, and shaped but before compacting; except collect 3-inch samples from the stockpile at load-out. Do not sample from material used to maintain local traffic or from areas of temporary base that will not have an overlying pavement. On days when placing only material used to maintain local traffic or only temporary base that will not have an overlying pavement, no placement testing is required.
- (3) Split each contractor QC sample and identify it according to CMM 8.30. Retain the split for 7 calendar days in a dry, protected location. If requested for department comparison testing, deliver the split to the engineer within one business day.
- (4) The engineer may require additional sampling and testing to evaluate suspect material or the technician's sampling and testing procedures.
- (5) Test fracture for each gradation test until the fracture running average is above the lower warning limit. Subsequently, the contractor may reduce the frequency to one test per 10 gradation tests if the fracture running average remains above the warning limit.
- (6) Test the liquid limit and plasticity index for the first gradation test. Subsequently, test the liquid limit and plasticity index a minimum of once per 10 gradation tests.

B.6 Test Methods

B.6.1 Gradation

- (1) Test gradation using a washed analysis conforming to the following as modified in CMM 8.60:
Gradation..... AASHTO T 27
Material finer than the No. 200 sieve..... AASHTO T 11
- (2) For 3-inch base, if 3 consecutive running average points for the percent passing the No. 200 sieve are 8.5 percent or less, the contractor may use an unwashed analysis. Wash at least one sample out of 10. If a single running average for the percent passing the No. 200 sieve exceeds 8.5 percent, resume washed analyses until 3 consecutive running average points are again 8.5 percent passing or less.
- (3) Maintain a separate control chart for each sieve size specified in standard spec 305 or standard spec 310 for each base aggregate size, source or classification, and type. Set control and warning limits based on the standard specification gradation limits as follows:
 1. Control limits are at the upper and lower specification limits.

2. There are no upper warning limits for sieves allowing 100 percent passing and no lower control limits for sieves allowing 0 percent passing.
3. Dense graded warning limits, except for the No. 200 sieve, are 2 percent within the upper and lower control limits. Warning limits for the No. 200 sieve are set 0.5 percent within the upper and lower control limits.
4. Open graded warning limits for the 1-inch, 3/8-inch, and No. 4 sieves are 2 percent within the upper and lower control limits. Upper warning limits for the No. 10, No. 40, and No. 200 sieves are 1 percent inside the upper control limit.

B.6.2 Fracture

- (1) Test fracture conforming to CMM 8.60. The engineer will waive fractured particle testing on quarried stone.
- (2) Maintain a separate fracture control chart for each base aggregate size, source or classification, and type. Set the lower control limit at the contract specification limit, either specified in another special provision or in table 301-2 of standard spec 301.2.4.5. Set the lower warning limit 2 percent above the lower control limit. There are no upper limits.

B.6.3 Liquid Limit and Plasticity

- (1) Test the liquid limit and plasticity according to AASHTO T 89 and T 90.
- (2) Ensure the material conforms to the limits specified in standard spec table 301-2.

B.7 Corrective Action

B.7.1 General

- (1) Consider corrective action when the running average trends toward a warning limit. Take corrective action if an individual test exceeds the contract specification limit. Document all corrective actions both in the project records and on the appropriate control chart.

B.7.2 Placement Corrective Action

- (1) Do not blend additional material on the roadbed to correct gradation problems.
- (2) Notify the engineer whenever the running average exceeds a warning limit. When two consecutive running averages exceed a warning limit, the engineer and contractor will discuss appropriate corrective action. Perform the engineer's recommended corrective action and increase the testing frequency as follows:
 1. For gradation, increase the QC testing frequency to at least one randomly sampled test per 1000 tons placed.
 2. For fracture, increase the QC testing frequency to at least one test per gradation test.
- (3) If corrective action improves the property in question such that the running average after 4 additional tests is within the warning limits, the contractor may return to the testing frequency specified in B.5.3. If corrective action does not improve the property

in question such that the running average after 4 additional individual tests is still in the warning band, repeat the steps outlined above starting with engineer notification.

- (4) If the running average exceeds a control limit, material starting from the first running average exceeding the control limit and ending at the first subsequent running average inside the control limit is nonconforming and subject to pay reduction.
- (5) For individual test results significantly outside the control limits, notify the engineer, stop placing base, and suspend other activities that may affect the area in question. The engineer and contractor will jointly review data, data reduction, and data analysis; evaluate sampling and testing procedures; and perform additional testing as required to determine the extent of potentially unacceptable material. The engineer may direct the contractor to remove and replace that material. Individual test results are significantly outside the control limits if meeting one or more of the following criteria:
 1. A gradation control limit for the No. 200 sieve is exceeded by more than 3.0 percent.
 2. A gradation control limit for any sieve, except the No. 200, is exceeded by more than 5.0 percent.
 3. The fracture control limit is exceeded by more than 10.0 percent.

B.8 Department Testing

B.8.1 General

- (1) The department will conduct verification testing to validate the quality of the product and independent assurance testing to evaluate the sampling and testing. The department will provide the contractor with a listing of names and telephone numbers of all QV and IA personnel for the project, and provide test results to the contractor within two business days after the department obtains the sample.

B.8.2 Verification Testing

B.8.2.1 General

- (1) The department will have an HTCP technician, or ACT working under a certified technician, perform QV sampling and testing. Department verification testing personnel must meet the same certification level requirements specified in B.2 for contractor testing personnel for each test result being verified. The department will notify the contractor before sampling so the contractor can observe QV sampling.
- (2) The department will conduct QV tests of each base aggregate size, source or classification, and type during placement conforming to the following:
 1. One non-random test on the first day of placement.
 2. At least one random test per 30,000 tons, or fraction of 30,000 tons, placed.
- (3) The department will sample randomly, at locations independent of the contractor's QC work, collecting one sample at each QV location. The department will collect QV samples after the material has been bladed, mixed, and shaped but before compacting; except, for 3-inch aggregates, the department will collect samples from the stockpile at load-out. The department will split each sample, test half for QV, and retain half.

- (4) The department will conduct QV tests in a separate laboratory and with separate equipment from the contractor's QC tests. The department will use the same methods specified for QC testing.
- (5) The department will assess QV results by comparing to the appropriate specification limits. If QV test results conform to the specification, the department will take no further action. If QV test results are nonconforming, add the QV to the QC test results as if it were an additional QC test.

B.8.3 Independent Assurance

- (1) Independence assurance is unbiased testing the department performs to evaluate the department's QV and the contractor's QC sampling and testing including personnel qualifications, procedures, and equipment. The department will perform an IA review according to the department's independent assurance program. That review may include one or more of the following:
 1. Split sample testing.
 2. Proficiency sample testing.
 3. Witnessing sampling and testing.
 4. Test equipment calibration checks.
 5. Reviewing required worksheets and control charts.
 6. Requesting that testing personnel perform additional sampling and testing.
- (2) If the department identifies a deficiency, and after further investigation confirms it, correct that deficiency. If the contractor does not correct or fails to cooperate in resolving identified deficiencies, the engineer may suspend placement until action is taken. Resolve disputes as specified in B.9.

B.9 Dispute Resolution

- (1) The engineer and contractor should make every effort to avoid conflict. If a dispute between some aspect of the contractor's and the engineer's testing program does occur, seek a solution mutually agreeable to the project personnel. The department and contractor may review the data, examine data reduction and analysis methods, evaluate sampling and testing procedures, and perform additional testing. Use ASTM E 178 to evaluate potential statistically outlying data.
- (2) Production test results, and results from other process control testing, may be considered when resolving a dispute.
- (3) If the project personnel cannot resolve a dispute, and the dispute affects payment or could result in incorporating non-conforming product, the department will use third party testing to resolve the dispute. The department's central office laboratory, or a mutually agreed on independent testing laboratory, will provide this testing. The engineer and contractor will abide by the results of the third party tests. The party in error will pay service charges incurred for testing by an independent laboratory. The department may use third party test results to evaluate the quality of questionable

materials and determine the appropriate payment. The department may reject material or otherwise determine the final disposition of nonconforming material as specified in standard spec 106.5.

C (Vacant)

D (Vacant)

E Payment

- (1) Costs for all sampling, testing, and documentation required under this special provision are incidental to this work. If the contractor fails to perform the work required under this special provision, the department may reduce the contractor's pay. The department will administer pay reduction under the non-performance of QMP administrative item.
- (2) For material represented by a running average exceeding a control limit, the department will reduce pay by 10 percent of the contract price for the affected Base Aggregate bid items listed in subsection A. The department will administer pay reduction under the Nonconforming QMP Base Aggregate Gradation or Nonconforming QMP Base Aggregate Fracture Administrative items. The department will determine the quantity of nonconforming material as specified in B.7.2.

301-010 (20151210)

21. Concrete Curb and Gutter.

Supplement standard spec 601.3.4, paragraph (5) as follows:

All contraction joints shall be formed. Maximum joint spacing shall be 10 feet.

22. Removing Signs Type II, Item 638.2602.

This work shall be according to the pertinent requirements of standard spec 638 and as provided here.

Type II signs are the department's property. All DOT signs removed, and not identified for reuse, shall be separated, plywood from aluminum signs, and the aluminum signs shall be palletized for shipment and handling with a forklift. Contact DTSD Sign Shop Coordinator Steve Allard at (715) 855-7671 at least 3 business days prior to delivery to coordinate shipment to be delivered to the DTSD Sign Shop Distribution Center at one of the following locations:

- Dunn County Highway Shop, 3303 USH 12 East, Menomonie, WI 54751
- La Crosse County Highway Shop, 301 Carlson Rd, West Salem, WI 54669
- Price County Highway Shop, 704 N. Lake Ave, Phillips, WI 54555
- Washburn County Highway Shop, 1600 CTH H, Spooner, WI 54801
- Wood County Highway Shop, 555 17th Ave North, Wisconsin Rapids, WI 54495

23. Install Conduit Into Existing Item, Item 652.0700.S.

A Description

This special provision describes installing proposed conduit into an existing manhole, pull box, junction box, communication vault, or other structure.

B Materials

Use nonmetallic conduit, as provided and paid for under other items in this contract. Furnish backfill material, topsoil, fertilizer, seed, and mulch conforming to the requirements of pertinent provisions of the standard specifications.

C Construction

Expose the outside of the existing structure without disturbing existing conduits or cabling. Drill the appropriate sized hole for the entering conduit(s) at a location within the structure without disturbing the existing cabling and without hindering the installation of new cabling within the installed conduit. Fill void area between the drilled hole and conduit with an engineer-approved filling material to protect against conduit movement and entry of fill material into the structure. Tamp backfill into place.

D Measurement

The department will measure Install Conduit Into Existing System by the unit, acceptably installed. Up to five conduits entering a structure per entry point into the existing structure will be considered a single unit. Conduits in excess of five, or conduits entering at significantly different entry points into the existing pull box, manhole, or junction box will constitute multiple units of payment.

E Payment

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

ITEM NUMBER	DESCRIPTION	UNIT
652.0700.S	Install Conduit Into Existing Item	Each

Payment is full compensation for excavating, drilling holes; furnishing and installing all materials, including bricks, coarse aggregate, sand, bedding, and backfill; for excavating and backfilling; and for furnishing and placing topsoil, fertilizer, seed, and mulch in disturbed areas; for properly disposing of surplus materials; and for making inspections.
652-070 (20100709)

24. Adjusting Pull Boxes, Item 653.0900.

This work shall include furnishing new heavy duty type manhole frames and solid lids conforming to standard spec 611.2 and SDD9B4-11. All pull boxes shall have locking covers.

Supplement standard spec 653.5, paragraph (4) with the following:

Payment for Adjusting Pull Boxes is full compensation resetting the box elevation, removing and disposing existing cover, supplying and setting new cover, and for furnishing all required materials; and for furnishing all excavating, backfilling, and disposing of surplus material.

25. Concrete Curb and Gutter 4-Inch Sloped 36-Inch Type D Modified, Item SPV.0090.01.

The work shall conform to standard spec 601 and to the cross section as shown in the construction details of the plan.

26. Concrete Curb and Gutter 4-Inch Sloped 36-Inch Type A Modified, Item SPV.0090.02.

The work shall conform to standard spec 601 and to the cross section as shown in the construction details of the plan.

27. Concrete Curb and Gutter Cure and Seal Treatment, Item SPV.0090.03.

A Description

This work includes treating all newly constructed concrete curb and gutter with a surface cure and seal treatment as shown on plans, and as hereinafter provided.

B Materials

Materials shall conform to a clear treating material listed on the current approved WISDOT product list for “Cure and Seal Compounds for Non-Trafficked Surfaces on Structural Masonry”.

C Construction

Application rates for the treating material shall be according to the manufacturer’s specifications.

D Measurement

The department will measure the Concrete Curb and Gutter Cure and Seal Treatment by the linear foot, acceptably completed.

E Payment

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

ITEM NUMBER	DESCRIPTION	UNIT
SPV.0090.03	Concrete Curb and Gutter Cure and Seal Treatment	LF

Payment is full compensation for providing Concrete Curb and Gutter Cure and Seal Treatment.

28. Construction Staking Select Crushed Material, Item SPV.0090.04.

A Description

This special provision describes the contractor-performed construction staking required for all select crushed material items as shown on the plans and as specified in standard spec 650.3.

B (Vacant)

C (Vacant)

D Measurement

The department will measure Construction Staking Select Crushed Material as specified in standard spec 650.4(1).

E Payment

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

ITEM NUMBER	DESCRIPTION	UNIT
SPV.0090.04	Construction Staking Select Crushed Material	LF

Payment is full compensation as specified in standard spec 650.5(2) and 650.5(3).

29. Concrete Crack Mitigation and Repair Special USH 8/CTH SS, Item SPV.0105.01; USH 2/USH 63, Item SPV.0105.02; USH 63/STH 77/STH 27, Item SPV.0105.03; USH 8/STH 73, Item SPV.0105.04; STH 35/STH 77, Item SPV.0105.05; USH 8/EAST 3RD ST., Item SPV.0105.06; USH 8/STH 35/208TH ST., Item SPV.0105.07.

A Description

This special provision describes work according to standard spec 416, and as hereinafter provided.

B (Vacant)

C Construction

If cracks occur in the Concrete Apron Special concrete or the Concrete Island Special concrete, selection of repair type shall be as specified in Procedure 4-24 of the Construction and Materials Manual (CMM).

D Measurement

The department will measure the item Concrete Crack Mitigation and Repair Special (Location) as a lump sum unit of work, acceptably completed.

E Payment

Delete entire standard spec 416.5 and replace with the following:

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

ITEM NUMBER	DESCRIPTION	UNIT
SPV.0105.01	Concrete Crack Mitigation and Repair Special USH 8/CTH SS	LS
SPV.0105.02	Concrete Crack Mitigation and Repair Special USH 2/USH 63	LS
SPV.0105.03	Concrete Crack Mitigation and Repair Special USH 63/STH 77/STH 27	LS
SPV.0105.04	Concrete Crack Mitigation and Repair Special USH 8/STH 73	LS
SPV.0105.05	Concrete Crack Mitigation and Repair Special STH 35/STH 77	LS
SPV.0105.06	Concrete Crack Mitigation and Repair Special USH 8/EAST 3RD ST.	LS
SPV.0105.07	Concrete Crack Mitigation and Repair Special USH 8/STH 35/208TH ST.	LS

Payment is full compensation for performing mix design analysis, mix design adjustments and corrections as per Project Concrete Crack Mitigation and Repair Special, all PCC repairs, mobilization, all necessary traffic control devices.

Fifty percent payment of this item will be paid to the contractor after opening strength has been achieved for furnishing all locations. The remaining fifty percent will be paid for upon final project acceptance.

- 30. Concrete Apron and Concrete Island Joint Layout USH 8/CTH SS, Item SPV.0105.08; USH 2/USH 63, Item SPV.0105.09; USH 63/STH 77/STH 27, Item SPV.0105.10; USH 8/STH 73, Item SPV.0105.11; STH 35/STH 77, Item SPV.0105.12; USH 8/EAST 3RD ST., Item SPV.0105.13; USH 8/STH 35/208th St., Item SPV.0105.14.**

A Description

This special provision describes providing a concrete apron and concrete island joint layout design for intersections and marking the location of all 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 before paving each intersection. Mark the location of all 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 Apron and Concrete Island Joint Layout (Location) as a single lump sum unit for all joint layout designs and marking, acceptably completed under the contract.

E Payment

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

ITEM NUMBER	DESCRIPTION	UNIT
SPV.0105.08	Concrete Apron and Concrete Island Joint Layout USH 8/CTH SS	LS
SPV.0105.09	Concrete Apron and Concrete Island Joint Layout USH 2/USH 63	LS
SPV.0105.10	Concrete Apron and Concrete Island Joint Layout USH 63/STH 77/STH 27	LS
SPV.0105.11	Concrete Apron and Concrete Island Joint Layout USH 8/STH 73	LS
SPV.0105.12	Concrete Apron and Concrete Island Joint Layout STH 35/STH 77	LS
SPV.0105.13	Concrete Apron and Concrete Island Joint Layout USH 8/EAST 3RD ST.	LS
SPV.0105.14	Concrete Apron and Concrete Island Joint Layout USH 8/STH 35/208TH ST.	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 under Concrete Crack Mitigation and Repair Special bid item.

31. Salvage Above Ground Traffic Signal Equipment, Item SPV.0105.15.

A Description

This special provisions describes salvaging above ground traffic signal equipment as well as all electrical wiring according to the pertinent provisions of standard spec 204 and as hereinafter provided.

The above ground traffic signal equipment is located at the intersection of USH 2 and USH 63. This item includes the salvaging of all electrical wiring within the project limits.

The above ground traffic signal equipment and the electrical wiring is the department's property. All DOT signal and wiring equipment shall be carefully loaded and transported to the Eau Claire Electrical Unit Shop.

The Eau Claire Electrical Unit shall be notified at (715) 839-3787 at least three business days prior to delivery to coordinate the delivery to 5009 USH 53 South, Eau Claire, WI 54701.

B (Vacant)

C (Vacant)

D Measurement

The department will measure Salvage Above Ground Traffic Signal Equipment as a single lump sum unit of work, 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.0105.15	Salvage Above Ground Traffic Signal Equipment	LS

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

32. Transporting Traffic Signal and Intersection Lighting Materials, Item SPV.0105.16.

A Description

This special provision describes the transporting of department furnished materials for traffic signals and intersection lighting to the USH 2 and USH 63 intersection.

B Materials

Transport materials furnished by the department including: Anchor rods, monotube arms/poles and luminaire arms (to be installed on monotube assemblies).

Pick up the department furnished materials at the Electrical Unit Shop located at 5009 USH 53 South, Eau Claire, WI. Notify the department's Electrical Field Unit at (715) 839-3787 and make arrangements for picking up the department furnished materials at least five working days prior to picking the materials up.

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

C Construction

Perform work according to standard spec 651.3, 652.3, 653.3, 654.3, 655.3, 656.3, 657.3, 658.3, and 659.3 except as specified below.

D Measurement

The department will measure Transporting Traffic Signal and Intersection Lighting Materials as a single lump sum unit of work, 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.0105.16	Transporting Traffic Signal and Intersection Lighting Materials	LS

Payment is full compensation for transporting the monotube poles, monotube arms and luminaire arms (to be installed on monotubes). Installation of these materials is included under a separate pay item.

33. Concrete Island Special, Item SPV.0165.01; Concrete Apron Special, Item SPV.0180.01.

A Description

This special provision describes construction of Concrete Island Special and Concrete Apron Special according to standard specs 416, and standard spec 710. QMP for these items shall be combined and covered under standard spec 716, as shown on the plans, and hereinafter provided.

B Materials**B.1 Concrete Mixtures**

Supplement standard spec 716.2 with the following:

Concrete mix design shall be the responsibility of the contractor. Provide the concrete mix designs necessary to accommodate the contractors operations and contractor scheduling according to the traffic provisions and prosecution and progress provisions included in the plan.

Chloride based accelerators shall not be allowed.

QC slump testing is not required for any concrete mixture that has been approved and has at least 700 lbs of cement per cubic yard.

Random 28-day compressive strength cylinders are not required.

Any chemical admixture(s) to be used, other than air-entraining agents or water reducers from the department's approved list, must be approved in advance by the engineer. The water-cement ratio of the concrete mixture shall not exceed 0.40.

C Construction

C.1 General

Restrict lane operations as specified in the Traffic Section and the Prosecution and Progress Section. Perform work to cause the least possible inconvenience to traffic.

Prepare the base as specified in standard spec 211 using engineer-approved hand methods. Place the concrete to the thickness as designated in the plan typical. In lieu of replacing base that was damaged or removed, the contractor will be allowed to place concrete to fill this area at no additional cost to the department.

Supplement standard spec 416.3.:

Place each location in one continuous, full depth operation. Deposit concrete to require as little re-handling as possible. Consolidate the concrete in-place using an immersion type vibrator. Strike off and finish the concrete as per plan detail. A vibrating screed shall be used where practical.

The concrete shall be jointed per plan details. All concrete pavement joints shall be directly opposite all construction or contraction joints in adjoining curb and gutter. All joints shall be tied. No dowels will be required.

C.4 Opening to Traffic

Concrete Island and Concrete Apron Special must attain a minimum compressive strength of 2500 psi before they can be opened to loading. The opening strength shall be determined by Maturity Methods standard spec 502.3.10.1.3.3 or other engineer approved methods. If cylinders are used, the compressive strength shall be measured by testing concrete cylinders cured in the field on top of the slab, under the curing blanket. At least two cylinders shall be tested in determining the attained strength of concrete repairs for the purpose of opening the concrete to traffic. The average of test results for the two cylinders shall be used to determine compliance, except that neither cylinder may be less than 10 percent below the required strength.

If opening is not controlled by maturity methods or cylinders, cores may be substituted.

C.5 Details

Details for the construction of this item will be site specific as shown under plan typicals and details.

D Measurement

The department will measure Concrete Island Special by the square foot and Concrete Apron Special by the square yard, acceptably completed.

E Payment

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

ITEM NUMBER	DESCRIPTION	UNIT
SPV.0165.01	Concrete Island Special	SF
SPV.0180.01	Concrete Apron Special	SY

Payment is full compensation for disposing of materials; for preparing the base; for providing the concrete, curing, jointing, and protecting concrete.

The department will pay separately for the following bid item of Drilled Tie Bars.

Substandard spec 416.5.2 is deleted and replaced with special provision Concrete Crack Mitigation and Repair Special, Item SPV.0105.01 through SPV.0105.07.

34. Concrete Sidewalk Cure and Seal Treatment, Item SPV.0165.02; Concrete Median Sloped Nose Cure and Seal Treatment, Item SPV.0165.03.

A Description

This special provision describes treating all newly constructed concrete sidewalk and concrete median sloped nose with a surface protective treatment as shown on plans, and as hereinafter provided.

B Materials

Materials shall conform to a clear treating material listed on the current approved WISDOT product list for "Cure and Seal Compounds for Non-Trafficked Surfaces on Structural Masonry".

C Construction

Application rates for the treating material shall be according to the manufacturer's specifications.

D Measurement

The department will measure Concrete Sidewalk Cure and Seal Treatment, and Concrete Median Sloped Nose Cure and Seal Treatment by the square foot, acceptably completed.

E Payment

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

ITEM NUMBER	DESCRIPTION	UNIT
SPV.0165.02	Concrete Sidewalk Cure and Seal Treatment	SF
SPV.0165.03	Concrete Median Sloped Nose Cure and Seal Treatment	SF

Payment is full compensation for furnishing and applying cure and seal treatment for concrete sidewalk and concrete median sloped nose.

35. Geogrid, Item SPV.0180.02.

A Description

This special provision describes furnishing and installing geogrids for subgrade stabilization, base reinforcement, or pavement structure applications according to the plans and specifications.

B Materials

The geogrid shall consist of either single or joined multiple layers of a uniform rectangular grid of bonded, formed, or fused polymer tensile strands crossing with a nominal right angle orientation. The polymer shall consist of polyester, polypropylene, polyamide, or polyethylene. Minimum geogrid width shall be 6.0 feet.

The geogrid shall comply with the following physical properties:

<u>Test</u>	<u>Method</u>	<u>Value ⁽¹⁾</u>
Tensile Strength at 5% Strain, Both Principal Directions (lb./ft.)	ASTM D 4595 ⁽²⁾	450 min.
Flexural Rigidity Both Principal Directions (mg-cm)	ASTM D 1388 ⁽³⁾	150,000 min.
Aperture Area (in ²)	Inside Measurement ⁽⁴⁾	5.0 max.
Aperture Dimension (in.)	Inside Measurement ⁽⁴⁾	0.5 min.

- (1) All numerical values represent minimum/maximum average roll values, i.e. the average minimum test results on any roll in a lot should meet or exceed the minimum specified value.
- (2) The tensile strength (T) of a joined multi-layered geogrid shall be computed using the following equation:

$$T = n(f)t$$

where n = the number of individual layers in the joined multi-layered geogrid,
 t = the tensile strength of a single layer of geogrid as determined using testing method ASTM D4595, and
 f = reduction factor based on the number of layers comprising the multi-layered system and determined by the equation $f = 1.00 - [0.04(n-1)]$.

- (3) Values shall be determined by Option "A" (Cantilever Test) of a testing method ASTM D1388 using test specimens that are 36 inches \pm 0.04 inch long. Test specimen widths for differing geogrids shall be variable and equal to 1 element plus 1/2 the aperture width on both sides of that element. An element is defined as the minimum number of parallel strands which form a distinguishable repeating pattern.
- (4) Aperture Area and Aperture Dimension for joined multi-layer geogrids shall be determined based on measurement of a single layer of the geogrid.

The geogrid shall maintain dimensional stability during handling, placing and installation. The geogrid shall be protected from ultraviolet radiation and from damage due to shipping and handling. The geogrid shall be insect, rodent, mildew, and rot resistant. The geogrid

shall be kept dry until it is installed. The geogrid rolls shall be clearly marked to identify the material contained. The contractor shall deliver a sample of the geogrid material to the engineer at least 10 days prior to its incorporation into the work. At the same time, the contractor shall furnish a manufacturer's Certified Report of Test or Analysis that verifies that the geogrid delivered for use of the work meets the above requirements. Samples of geogrid for test purposes will be obtained from the job site for each 10,000 square yards or portions thereof used on the contract.

C Construction

Prior to placement of the geogrid, the indicated placement surface shall be brought to the required lines, grades, and dimensions as shown on the plans. The surface shall be smoothed and shaped to eliminate any rocks, clods, roots, or other items which may cause damage to the geogrid during placement or covering. The geogrid shall be placed on the prepared surface at the locations and to the limits as shown on the plans. After placement, the geogrid shall be pulled taut and shall be secured with pins, clips, staples, or other devices to prevent movement or displacement. Parallel strips of geogrid shall be placed with a minimum overlap of 12 inches. Butt joints between roll ends shall be lapped a minimum of 12 inches. All lapped sections shall be fastened together by the use of ties, straps, clip, or other devices to develop a secure joint which meets the approval of the engineer. No vehicles or construction equipment shall be permitted to operate directly on the geogrid.

Small rips, tears, or defects in the geogrid shall be covered with an additional section of geogrid which shall be secured in place so as to overlap the damaged area by at least 3 feet in all directions. Geogrid sections with large rips, tears, defects, or other damage shall be removed and replaced at the direction of the engineer. All costs to repair or replace damaged or defective geogrid shall be the responsibility of the contractor.

After placement, the geogrid shall be covered to the indicated depth with the type of material required on the plans or in the Special Provisions. Placing, spreading, and compacting of this material shall comply with the applicable sections of the standard specifications or special provisions except that the initial lift of material placed on the geogrid must be at least 4 inches. Placing, spreading, and compaction operations shall be conducted so that the geogrid is not displaced or damaged. The engineer may require changes in equipment and/or operations to prevent such damage or displacement.

D Measurement

The department will measure Geogrid by the square yard of surface area upon which the geogrid has been placed and accepted.

E Payment

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

ITEM NUMBER	DESCRIPTION	UNIT
SPV.0180.02	Geogrid	SY

Payment is full compensation for furnishing, transporting, and installing the geogrid; for furnishing and installing all devices and materials necessary to join or secure the geogrid in place.

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:

550.5.2 Piling

Add the following as paragraph three effective with the December 2015 letting:

- (3) The department will not entertain a change order request for a differing site condition under 104.2.2.2 or for a quantity change under 104.2.2.4.3 for the Piling bid items. Instead the department will adjust pay under the Piling Quantity Variation administrative item if the total driven length of each size is less than 85 percent of, or more than 115 percent of the contract quantity as follows:
- | Percent of Contract Length Driven | Pay Adjustment |
|-----------------------------------|--|
| < 85 | (85% contract length - driven length) x 20% unit price |
| > 115 | (driven length - 115% contract length) x 5% unit price |

643.2.1 General

Replace paragraph two with the following effective with the December 2015 letting:

- (2) Use reflective sheeting from the department's approved products list on barricades, drums, and flexible tubular marker posts.

Errata

Make the following corrections to the standard specifications:

641.2.9 Overhead Sign Supports

Correct errata adding back accidentally deleted paragraphs one through three.

- (1) Provide commercially fabricated overhead sign supports conforming to AASHTO design and fabrication standards for structural supports for highway signs, luminaires, and traffic signals. Use a design life of 50 years with a wind importance factor of 1.00. Design to withstand a 3 second gust wind speed of 90 mph. Do not use the methods of appendix C of those AASHTO standards.
- (2) Design structures, listed as applicable structure types in the AASHTO standards, to the fatigue category criteria as follows:
 1. Structures carrying variable message signs:
 - Category I criteria for structures over all roadway types.
 2. Structures carrying type II or III signs:
 - Category I criteria for structures used over highways and free flow ramps.
 - Category II criteria for structures with arms greater than 30 feet used over local roads and city streets.
 - Category III criteria for structures with arms 30 feet or less used over local roads and city streets.
- (3) Use the posted speed limit of the roadway beneath the structure for truck-induced gusts.
- (4) Submit shop drawings identified by structure number, design computations, and material specifications, to the engineer before erecting sign supports. Provide tightening procedures for mast arm or luminaire arm to pole shaft connections on the shop drawings. Have a professional engineer registered in the state of Wisconsin sign, seal, and date the shop drawings and certify that the design conforms to AASHTO standards and the contract.
- (5) Provide steel pole shafts and mast arms zinc coated according to ASTM A123. Provide tapered pole and arm shafts with a minimum taper of 0.14 inch per foot for single-member vertical and single-member horizontal structure components. Provide bolts and other hardware conforming to 641.2.2.

ADDITIONAL SPECIAL PROVISION 7

- A. Reporting 1st Tier and DBE Payments During Construction
1. Comply with reporting requirements specified in the department's Civil Rights Compliance, Contractor's User Manual, Sublets and Payments.
 2. Report payments to all DBE firms within 10 calendar days of receipt of a progress payment by the department or a contractor for work performed, materials furnished, or materials stockpiled by a DBE firm. Report the payment as specified in A(1) for all work satisfactorily performed and for all materials furnished or stockpiled.
 3. Report payments to all first tier subcontractor relationships within 10 calendar days of receipt of a progress payment by the department for work performed. Report the payment as specified in A(1) for all work satisfactorily performed.
 4. All tiers shall report payments as necessary to comply with the DBE payment requirement as specified in A(2).
 5. 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.

ADDITIONAL SPECIAL PROVISION 9

Electronic Certified Payroll Submittal

(1) Use the department's Civil Rights Compliance System (CRCS) to submit certified payrolls electronically. Details are available online through the department's highway construction contractor 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, as well as all trucking firms, submit their weekly certified payrolls electronically through CRCS. These payrolls are due within seven calendar days following the close of the payroll period. Every firm providing physical labor towards completing the project is a subcontractor under this special provision.

(3) Upon receipt of contract execution, promptly make all affected firms aware of the requirements under this special provision and arrange for them to receive CRCS training as they are about to begin payrolls. The department will provide training either in a classroom setting at one of our regional offices or by telephone. Contact Tess Mulrooney at 608-267-4489 to schedule the training.

(4) The department will reject all paper submittals of forms DT-1816 and DT-1929 for information required under this special provision. All costs for conforming to this special provision are incidental to the contract.

(5) Firms wishing to export payroll data from their computer system into CRCS should have their payroll coordinator send several sample electronic files to Tess two months before a payroll needs to be submitted. Not every contractor's payroll system is capable of producing export files. For details, see pages 17-22 of the CRCS System Background Information manual available online on the Labor, Wages, and EEO Information page at:

<http://wisconsindot.gov/Documents/doing-bus/civil-rights/labornwage/crcs-payroll-manual.pdf>

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.

<http://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:

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

Effective with September 2004 Letting

**WISCONSIN DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS AND TRANSPORTATION FACILITIES**

SUPPLEMENTAL REQUIRED CONTRACT PROVISIONS

- I. Wage Rates, Hours of labor and payment of Wages
- II. Payroll Requirements
- III. Postings at the Site of the Work
- IV. Affidavits
- V. Wage Rate Redistribution
- VI. Additional Classifications

I. WAGE RATES, HOURS OF LABOR AND PAYMENT OF WAGES

The schedule of "Minimum Wage Rates" attached hereto and made a part hereof furnishes the prevailing wage rates that have been determined pursuant to Section 103.50 of the Wisconsin Statutes. These wage rates are the minimum required to be paid to the various laborers, workers, mechanics and truck drivers employed by contractors and subcontractors on the construction work embraced by the contract and subject to prevailing hours and wages under Section 103.50, Stats. If necessary to employ laborers, workers, mechanics or truck drivers whose classification is not listed on the schedule, they shall be paid at rates conformable to those listed for similar classifications. Apprentices shall be paid at rates not less than those prescribed in their state indenture contracts.

While the wage rates shown are the minimum rates required by the contract to be paid during its life, this is not a representation that labor can be obtained at these rates. It is the responsibility of bidders to inform themselves as to the local labor conditions and prospective changes or adjustments of wage rates. No increase in the contract price shall be allowed or authorized on account of the payment of wage rates in excess of those listed herein.

Pursuant to Section 103.50 of the Wisconsin Statutes, the prevailing hours of labor have been determined to be up to 10 hours per day and 40 hours per calendar week Monday through Friday. If any laborer, worker, mechanic or truck driver is permitted or required to work more than the prevailing number of hours per day or per calendar week on this contract, they shall be paid for all hours in excess of the prevailing hours at a rate of at least one and one-half (1 1/2) times their hourly rate of pay. All work on Saturday, Sunday and the following holidays is to be paid at time and a half: (1) January 1, (2) the last Monday in May, (3) July 4, (4) the first Monday in September, (5) the fourth Thursday in November, (6) December 25, (7) the day before if January 1, July 4 or December 25 falls on a Saturday and (8) the day following if January 1, July 4 or December 25 falls on a Sunday.

All laborers, workers, mechanics and truck drivers shall be paid unconditionally not less often than once a week. Persons who own and operate their own trucks must receive the prevailing truck driver rate for the applicable type of truck (i.e. 2 axle, 3 or more axle, articulated, eculid or dumptor) he or she operates, plus an agreed upon amount for the use of his or her truck. Every owner-operator **MUST** be paid separately for their driving and for the use of their truck.

For those projects subject to the requirements of the Davis-Bacon Act, the Secretary of Labor will also have determined "Minimum Wage Rates" for work to be performed under the contract. These rates are, for all or most of the labor, worker, mechanic or truck driver classifications, identical to those established under Section 103.50 of the Wisconsin Statutes. In the event the rates are not identical, the higher of the two rates will govern.

II. PAYROLL REQUIREMENTS

All contractors and subcontractors must submit weekly Certified Payrolls and Compliance Statement verifying that all laborers, workers, mechanics and truck drivers working on the project have been paid the prevailing wage rates for all work performed under the contract required by Section 103.50 of the Wisconsin Statutes.

III. POSTINGS AT THE SITE OF THE WORK

In addition to the required postings furnished by the Department, the contractor shall post the following in at least one conspicuous place at the site of work:

- a. "NOTICE TO EMPLOYEES," which provides information required to be posted by the provisions of Section 103.50 of the Wisconsin Statutes.
- b. A copy of the State of Wisconsin Minimum Wages Rates. (Four pages.)
- c. A copy of the contractor's Equal Employment Opportunity Policy.
- d. On any project involving federal aid, in addition to the furnished postings, the contractor shall post a copy of the "Davis-Bacon Act, Minimum Wage Rates". (Three pages.)

IV. WAGE RATE REDISTRIBUTION

The amount specified as the hourly basic rate of pay and the amount(s) specified as the fringe benefit contribution(s), for all classes of laborers, workers, mechanics or truck drivers may be redistributed, when necessary, to conform to those specified in any applicable collective bargaining agreement, provided that both parties to such agreement

request and receive the approval for any such redistribution from both the Department of Transportation and the Department of Workforce Development prior to the implementation of such redistribution.

V. ADDITIONAL CLASSIFICATIONS

Any unlisted laborer or mechanic classification that is needed to perform work on this project, and is not included within the scope of any of the classifications listed in the application prevailing wage rate determination, may be added after award only if all of the following criteria have been met:

1. The affected employer(s) must make a written request to WisDOT Central Office to utilize the unlisted classification on this project.
2. The request must indicate the scope of the work to be performed by the unlisted classification and must indicate the proposed wage/fringe benefit package that the unlisted classification is to receive.
3. The work to be performed by the unlisted classification must not be performed by a classification that is included in the applicable prevailing wage rate determination.
4. The unlisted classification must be commonly employed in the area where the project is located.
5. The proposed wage/fringe benefit package must bear a reasonable relationship to those set forth in the applicable prevailing wage rate determination.
6. The request should be made prior to the actual performance of the work by the unlisted classification.
7. DWD must approve the use of the unlisted classification and the proposed wage/fringe benefit package. USDOL also must approve the use of the unlisted classification and the proposed wage/fringe benefit package on federal aid projects.
8. WisDOT and DWD may amend the proposed wage/fringe benefit package, as deemed necessary, and may set forth specific employment ratios and scope of work requirements in the approval document.

The approved wage/fringe benefit package shall be paid to all laborers, workers, mechanics or truck drivers performing work within the scope of that performed by the unlisted classification, from the first day on which such work is performed. In the event that work is performed by the unlisted classification prior to approval, the wage/fringe benefit package to be paid for such work must be in conformance with the wage/fringe

benefit package approved for such work. Under this arrangement a retroactive adjustment in wages and/or fringe benefits may be required to be made to the affected laborers, workers, mechanics or truck drivers by the affected employer(s).

**ANNUAL PREVAILING WAGE RATE DETERMINATION
FOR ALL STATE HIGHWAY PROJECTS
SAWYER COUNTY**

Compiled by the State of Wisconsin - Department of Workforce Development
for the Department of Transportation
Pursuant to s. 103.50, Stats.
Issued on May 1, 2015

CLASSIFICATION: Contractors are required to call the Department of Workforce Development if there are any questions regarding the proper trade or classification to be used for any worker on a public works project.

OVERTIME: Time and one-half must be paid for all hours worked over 10 hours per day and 40 hours per calendar week and for all hours worked on Saturday, Sunday and the following six (6) holidays: January 1; the last Monday in May; July 4; the 1st Monday in September; the 4th Thursday in November; December 25; the day before if January 1, July 4 or December 25 falls on a Saturday; the day following if January 1, July 4 or December 25 falls on a Sunday.

FUTURE INCREASE: If indicated for a specific trade or occupation, the full amount of such increase MUST be added to the "TOTAL" indicated for such trade or occupation on the date(s) such increase(s) becomes effective.

PREMIUM PAY: If indicated for a specific trade or occupation, the full amount of such pay MUST be added to the "HOURLY BASIC RATE OF PAY" indicated for such trade or occupation, whenever such pay is applicable.

SUBJOURNEY: Wage rates may be available for some of the classifications indicated below. Any employer that desires to use any subjourney classification on a project MUST request the applicable wage rate from the Department of Workforce Development PRIOR to the date such classification is used on such project. Form ERD-10880 is available for this purpose and can be obtained by writing to the Department of Workforce Development, Equal Rights Division, P.O. Box 8928, Madison, WI 53708.

<u>TRADE OR OCCUPATION</u>	<u>HOURLY BASIC RATE OF PAY</u>	<u>HOURLY FRINGE BENEFITS</u>	<u>TOTAL</u>
	\$	\$	\$
Bricklayer, Blocklayer or Stonemason	30.42	18.04	48.46
Carpenter	32.72	16.00	48.72
Future Increase(s): Add \$1.42/hr on 6/1/2015; Add \$1.42/hr on 6/1/2016. Premium Pay: DOT PREMIUM: Pay two times the hourly basic rate on Sunday, New Year's Day, Memorial Day, Independence Day, Labor Day, Thanksgiving Day & Christmas Day.			
Cement Finisher	33.86	17.96	51.82
Future Increase(s): Add \$1.87 on 6/1/15; Add \$1.75 on 6/1/16. Premium Pay: DOT PREMIUMS: 1) Pay two times the hourly basic rate on Sunday, New Year's Day, Memorial Day, Independence Day, Labor Day, Thanksgiving Day & Christmas Day. 2) Add \$1.40/hr when the Wisconsin Department of Transportation or responsible governing agency requires that work be performed at night under artificial illumination with traffic control and the work is completed after sunset and before sunrise.			
Electrician	29.20	17.42	46.62
Future Increase(s): Add \$.75/hr on 6/1/2015. Premium Pay: DOT PREMIUM: Pay two times the hourly basic rate on Sunday, New Year's Day, Memorial Day, Independence Day, Labor Day, Thanksgiving Day & Christmas Day.			
Fence Erector	23.73	19.09	42.82
Ironworker	34.65	22.85	57.50
Future Increase(s): Add \$1.50/hr on 5/1/2015. Premium Pay: DOT PREMIUM: Pay two times the hourly basic rate on Sunday, New Year's Day, Memorial Day, Independence Day, Labor Day, Thanksgiving Day and Christmas Day.			
Line Constructor (Electrical)	39.50	17.73	57.23
Painter	26.65	16.09	42.74
Pavement Marking Operator	28.97	17.70	46.67
Piledriver	36.54	17.43	53.97
Roofer or Waterproofer	31.15	11.60	42.75
Teledata Technician or Installer	22.25	12.24	34.49

TRADE OR OCCUPATION	HOURLY BASIC RATE OF PAY	HOURLY FRINGE BENEFITS	TOTAL
	\$	\$	\$
Tuckpointer, Caulker or Cleaner	33.76	17.82	51.58
Underwater Diver (Except on Great Lakes)	35.40	15.90	51.30
Heavy Equipment Operator - ELECTRICAL LINE CONSTRUCTION ONLY	35.55	15.57	51.12
Light Equipment Operator -ELECTRICAL LINE CONSTRUCTION ONLY	31.60	14.98	46.58
Heavy Truck Driver - ELECTRICAL LINE CONSTRUCTION ONLY	27.65	13.44	41.09
Light Truck Driver - ELECTRICAL LINE CONSTRUCTION ONLY	25.68	12.83	38.51
Groundman - ELECTRICAL LINE CONSTRUCTION ONLY	21.75	11.63	33.38

TRUCK DRIVERS

Single Axle or Two Axle	25.18	18.31	43.49
Future Increase(s): Add \$1.15/hr on 6/1/2015. Premium Pay: DOT PREMIUM: Pay two times the hourly basic rate on Sunday, New Year's Day, Memorial Day, Independence Day, Labor Day, Thanksgiving Day & Christmas Day.			
Three or More Axle	25.28	18.31	43.59
Future Increase(s): Add \$1.15/hr on 6/1/2015. Premium Pay: DOT PREMIUM: Pay two times the hourly basic rate on Sunday, New Year's Day, Memorial Day, Independence Day, Labor Day, Thanksgiving Day & Christmas Day.			
Articulated, Euclid, Dumptor, Off Road Material Hauler	30.27	21.15	51.42
Future Increase(s): Add \$1.25/hr on 6/1/2015; Add \$1.30/hr on 6/1/2016; Add \$1.25/hr on 6/1/2017. Premium Pay: DOT PREMIUMS: 1) Pay two times the hourly basic rate on Sunday, New Year's Day, Memorial Day, Independence Day, Labor Day, Thanksgiving Day & Christmas Day. 2) Add \$1.50/hr night work premium. See DOT'S website for details about the applicability of this night work premium at: http://www.dot.wi.gov/business/civilrights/laborwages/pwc.htm .			
Pavement Marking Vehicle	23.16	17.20	40.36
Shadow or Pilot Vehicle	24.37	17.77	42.14
Truck Mechanic	24.52	17.77	42.29

LABORERS

General Laborer	30.13	15.14	45.27
Future Increase(s): Add \$1.05/hr eff. 06/01/2015; Add \$1.00/hr eff. 06/01/2016; Add \$1.00/hr eff. 06/01/2017 Premium Pay: Add \$.10/hr for topman, air tool operator, vibrator or tamper operator (mechanical hand operated), chain saw operator and demolition burning torch laborer; Add \$.15/hr for bituminous worker (raker and luteman), formsetter (curb, sidewalk and pavement) and strike off man; Add \$.20/hr for blaster and powderman; Add \$.25/hr for bottomman; Add \$.35/hr for line and grade specialist; Add \$.45/hr for pipelayer. DOT PREMIUMS: 1) Pay two times the hourly basic rate on Sunday, New Year's Day, Memorial Day, Independence Day, Labor Day, Thanksgiving Day & Christmas Day. 2) Add \$1.25/hr for work on projects involving temporary traffic control setup, for lane and shoulder closures, when work under artificial illumination conditions is necessary as required by the project provisions (including prep time prior to and/or cleanup after such time period).			
Asbestos Abatement Worker	24.13	14.61	38.74
Landscaper	30.13	15.14	45.27
Future Increase(s): Add \$1.05/hr eff. 06/01/2015; Add \$1.00/hr eff. 06/01/2016; Add \$1.00/hr eff. 06/01/2017 Premium Pay: DOT PREMIUMS: 1) Pay two times the hourly basic rate on Sunday, New Year's Day, Memorial Day, Independence Day, Labor Day, Thanksgiving Day & Christmas Day. 2) Add \$1.25/hr for work on projects involving temporary traffic control setup, for lane and shoulder closures, when work under artificial illumination conditions is necessary as required by the project provisions (including prep time prior to and/or cleanup after such time period).			

TRADE OR OCCUPATION	HOURLY BASIC RATE OF PAY	HOURLY FRINGE BENEFITS	TOTAL
	\$	\$	\$
Flagperson or Traffic Control Person	26.76	15.14	41.90
Future Increase(s): Add \$1.05/hr eff. 06/01/2015; Add \$1.00/hr eff. 06/01/2016; Add \$1.00/hr eff. 06/01/2017			
Premium Pay: DOT PREMIUMS: 1) Pay two times the hourly basic rate on Sunday, New Year's Day, Memorial Day, Independence Day, Labor Day, Thanksgiving Day & Christmas Day. 2) Add \$1.25/hr when the Wisconsin Department of Transportation or responsible governing agency requires that work be performed at night under artificial illumination with traffic control and the work is completed after sunset and before sunrise.			
Fiber Optic Laborer (Outside, Other Than Concrete Encased)	18.33	13.65	31.98
Railroad Track Laborer	15.00	4.97	19.97

HEAVY EQUIPMENT OPERATORS

Crane, Tower Crane, Pedestal Tower or Derrick, With Boom, Leads &/or Jib Lengths Measuring 176 Ft or Over; Crane, Tower Crane, Pedestal Tower or Derrick, With or Without Attachments, With a Lifting Capacity of Over 100 Tons, Self-Erecting Tower Crane With a Lifting Capacity Of Over 4,000 Lbs., Crane With Boom Dollies; Traveling Crane (Bridge Type).	52.90	20.19	73.09
Backhoe (Track Type) Having a Mfr.'s Rated Capacity of 130,000 Lbs. or Over; Caisson Rig; Crane, Tower Crane, Portable Tower, Pedestal Tower or Derrick, With Boom, Leads &/or Jib Lengths Measuring 175 Ft or Under; Crane, Tower Crane, Portable Tower, Pedestal Tower or Derrick, With or Without Attachments, With a Lifting Capacity of 100 Tons or Under, Self-Erecting Tower Crane With A Lifting Capacity Of 4,000 Lbs., & Under; Dredge (NOT Performing Work on the Great Lakes); Licensed Boat Pilot (NOT Performing Work on the Great Lakes); Pile Driver.	37.22	21.15	58.37
Future Increase(s): Add \$1.25/hr on 6/1/2015; Add \$1.30/hr on 6/1/2016; Add \$1.25/hr on 6/1/2017.			
Premium Pay: DOT PREMIUMS: 1) Pay two times the hourly basic rate on Sunday, New Year's Day, Memorial Day, Independence Day, Labor Day, Thanksgiving Day & Christmas Day. 2) Add \$1.50/hr night work premium.			
See DOT'S website for details about the applicability of this night work premium at: http://www.dot.wi.gov/business/civilrights/laborwages/pwc.htm .			
Air Track, Rotary or Percussion Drilling Machine &/or Hammers, Blaster; Asphalt Heater, Planer & Scarifier; Asphalt Milling Machine; Asphalt Screed; Automatic Subgrader (Concrete); Backhoe (Track Type) Having a Mfr.'s Rated Capacity of Under 130,000 Lbs., Backhoe (Mini, 15,000 Lbs. & Under); Bituminous (Asphalt) Plant & Paver, Screed; Boatmen (NOT Performing Work on the Great Lakes); Boring Machine (Directional, Horizontal or Vertical); Bridge (Bidwell) Paver; Bulldozer or Endloader; Concrete Batch Plant, Batch Hopper; Concrete Breaker (Large, Auto, Vibratory/Sonic, Manual or Remote); Concrete Bump Cutter, Grinder, Planing or Grooving Machine; Concrete Conveyor System; Concrete Laser/Screed; Concrete Paver (Slipform); Concrete Pump, Concrete Conveyor (Rotec or Bidwell Type); Concrete Slipform Placer Curb & Gutter Machine; Concrete Spreader & Distributor; Crane (Carry Deck, Mini) or Truck Mounted Hydraulic Crane (10 Tons or Under); Crane With a Lifting Capacity of 25 Tons or Under; Forestry Equipment, Timbco, Tree Shear, Tub Grinder, Processor; Gradall (Cruz-Aire Type); Grader or Motor Patrol; Grout Pump; Hydro-Blaster (10,000 PSI or Over); Loading Machine (Conveyor); Material or Stack Hoist; Mechanic or Welder; Milling Machine; Post Hole Digger or Driver; Roller (Over 5 Ton); Scraper (Self Propelled or Tractor Drawn) 5 cu yds or More Capacity; Shoulder Widener; Sideboom; Skid Rig; Stabilizing or Concrete Mixer (Self-Propelled or 14S or Over); Straddle Carrier or Travel Lift; Tractor (Scraper, Dozer, Pusher, Loader); Tractor or	36.72	21.15	57.87

<u>TRADE OR OCCUPATION</u>	<u>HOURLY BASIC RATE OF PAY</u>	<u>HOURLY FRINGE BENEFITS</u>	<u>TOTAL</u>
	\$	\$	\$
Truck Mounted Hydraulic Backhoe; Trencher (Wheel Type or Chain Type); Tube Finisher; Tugger (NOT Performing Work on the Great Lakes); Winches & A- Frames. Future Increase(s): Add \$1.25/hr on 6/1/2015; Add \$1.30/hr on 6/1/2016; Add \$1.25/hr on 6/1/2017. Premium Pay: DOT PREMIUMS: 1) Pay two times the hourly basic rate on Sunday, New Year's Day, Memorial Day, Independence Day, Labor Day, Thanksgiving Day & Christmas Day. 2) Add \$1.50/hr night work premium. See DOT'S website for details about the applicability of this night work premium at: http://www.dot.wi.gov/ business/civilrights/laborwages/pwc.htm .			
Belting, Burlap, Texturing Machine; Broom or Sweeper; Compactor (Self-Propelled or Tractor Mounted, Towed & Light Equipment); Concrete Finishing Machine (Road Type); Environmental Burner; Farm or Industrial Type Tractor; Fireman (Asphalt Plant, Pile Driver & Derrick NOT Performing Work on the Great Lakes); Forklift; Greaser; Hoist (Tugger, Automatic); Jeep Digger; Joint Sawyer (Multiple Blade); Launch (NOT Performing Work on the Great Lakes); Lift Slab Machine; Mechanical Float; Mulcher; Power Subgrader; Robotic Tool Carrier (With or Without Attachments); Roller (Rubber Tire, 5 Ton or Under); Self Propelled Chip Spreader; Shouldering Machine; Skid Steer Loader (With or Without Attachments); Telehandler; Tining or Curing Machine. Future Increase(s): Add \$1.25/hr on 6/1/2015; Add \$1.30/hr on 6/1/2016; Add \$1.25/hr on 6/1/2017. Premium Pay: DOT PREMIUMS: 1) Pay two times the hourly basic rate on Sunday, New Year's Day, Memorial Day, Independence Day, Labor Day, Thanksgiving Day & Christmas Day. 2) Add \$1.50/hr night work premium. See DOT'S website for details about the applicability of this night work premium at: http://www.dot.wi.gov/ business/civilrights/laborwages/pwc.htm .	36.46	21.15	57.61
Air Compressor (&/or 400 CFM or Over); Air, Electric or Hydraulic Jacking System; Augers (Vertical & Horizontal); Automatic Belt Conveyor & Surge Bin; Boiler (Temporary Heat); Concrete Proportioning Plant; Crusher, Screening or Wash Plant; Generator (&/or 150 KW or Over); Heaters (Mechanical); High Pressure Utility Locating Machine (Daylighting Machine); Mudjack; Oiler; Prestress Machine; Pug Mill; Pump (3 Inch or Over) or Well Points; Rock, Stone Breaker; Screed (Milling Machine); Stump Chipper; Tank Car Heaters; Vibratory Hammer or Extractor, Power Pack. Future Increase(s): Add \$1.25/hr on 6/1/2015; Add \$1.30/hr on 6/1/2016; Add \$1.25/hr on 6/1/2017. Premium Pay: DOT PREMIUMS: 1) Pay two times the hourly basic rate on Sunday, New Year's Day, Memorial Day, Independence Day, Labor Day, Thanksgiving Day & Christmas Day. 2) Add \$1.50/hr night work premium. See DOT'S website for details about the applicability of this night work premium at: http://www.dot.wi.gov/ business/civilrights/laborwages/pwc.htm .	36.17	21.15	57.32
Fiber Optic Cable Equipment.	28.89	17.95	46.84

SCHEDULE OF ITEMS

REVISED:

CONTRACT:
20160510041PROJECT(S):
1000-08-88FEDERAL ID(S):
N/A

CONTRACTOR : _____

LINE NO	ITEM DESCRIPTION	APPROX. QUANTITY AND UNITS	UNIT PRICE		BID AMOUNT	
			DOLLARS	CTS	DOLLARS	CTS

SECTION 0001 Contract Items

0010	203.0100 Removing Small Pipe Culverts	1.000 EACH	.		.	
0020	204.0110 Removing Asphaltic Surface	417.000 SY	.		.	
0030	204.0130 Removing Curb	229.000 LF	.		.	
0040	204.0150 Removing Curb & Gutter	2,974.000 LF	.		.	
0050	204.0155 Removing Concrete Sidewalk	782.000 SY	.		.	
0060	204.0195 Removing Concrete Bases	11.000 EACH	.		.	
0070	204.9060.S Removing (item description) 01. Inlet Covers	4.000 EACH	.		.	
0080	204.9060.S Removing (item description) 02. Lighting Control Cabinet	1.000 EACH	.		.	
0090	204.9060.S Removing (item description) 03. Lighting Unit	3.000 EACH	.		.	

SCHEDULE OF ITEMS

REVISED:

CONTRACT:
20160510041PROJECT(S):
1000-08-88FEDERAL ID(S):
N/A

CONTRACTOR : _____

LINE NO	ITEM DESCRIPTION	APPROX. QUANTITY AND UNITS	UNIT PRICE		BID AMOUNT	
			DOLLARS	CTS	DOLLARS	CTS
0100	204.9090.S Removing (item description) 01. Cables	320.000 LF	.		.	
0110	205.9015.S Grading Shaping and Finishing Intersection (location) 01. USH 8/CTH SS	LUMP	LUMP		.	
0120	205.9015.S Grading Shaping and Finishing Intersection (location) 02. USH 2/USH 63	LUMP	LUMP		.	
0130	205.9015.S Grading Shaping and Finishing Intersection (location) 03. USH 63/STH 77/STH 27	LUMP	LUMP		.	
0140	205.9015.S Grading Shaping and Finishing Intersection (location) 04. USH 8/STH 73	LUMP	LUMP		.	
0150	205.9015.S Grading Shaping and Finishing Intersection (location) 05. STH 35/STH 77	LUMP	LUMP		.	
0160	205.9015.S Grading Shaping and Finishing Intersection (location) 07. USH8/STH 35/208th St.	LUMP	LUMP		.	
0170	208.1100 Select Borrow	246.000 CY	.		.	
0180	213.0100 Finishing Roadway (project) 01. 1000-08-88	1.000 EACH	.		.	

SCHEDULE OF ITEMS

REVISED:

CONTRACT:
20160510041PROJECT(S):
1000-08-88FEDERAL ID(S):
N/A

CONTRACTOR : _____

LINE NO	ITEM DESCRIPTION	APPROX. QUANTITY AND UNITS	UNIT PRICE		BID AMOUNT	
			DOLLARS	CTS	DOLLARS	CTS
0190	305.0115 Base Aggregate Dense 3/4-Inch	112.000 CY	.		.	
0200	305.0125 Base Aggregate Dense 1 1/4-Inch	486.000 CY	.		.	
0210	312.0115 Select Crushed Material	52.000 CY	.		.	
0220	405.0100 Coloring Concrete Red	522.000 CY	.		.	
0230	416.0610 Drilled Tie Bars	565.000 EACH	.		.	
0240	455.0605 Tack Coat	41.000 GAL	.		.	
0250	465.0105 Asphaltic Surface	83.000 TON	.		.	
0260	465.0125 Asphaltic Surface Temporary	18.000 TON	.		.	
0270	465.0315 Asphaltic Flumes	39.000 SY	.		.	
0280	523.0419 Culvert Pipe Reinforced Concrete Horizontal Elliptical Class HE-IV 19x30-Inch	126.000 LF	.		.	

SCHEDULE OF ITEMS

REVISED:

CONTRACT:
20160510041PROJECT(S):
1000-08-88FEDERAL ID(S):
N/A

CONTRACTOR : _____

LINE NO	ITEM DESCRIPTION	APPROX. QUANTITY AND UNITS	UNIT PRICE		BID AMOUNT	
			DOLLARS	CTS	DOLLARS	CTS
0290	523.0519 Apron Endwalls for Culvert Pipe Reinforced Concrete Horizontal Elliptical 19x30-Inch	EACH 2.000	.		.	
0300	601.0405 Concrete Curb & Gutter 18-Inch Type A	LF 252.000	.		.	
0310	601.0409 Concrete Curb & Gutter 30-Inch Type A	LF 431.000	.		.	
0320	601.0580 Concrete Curb & Gutter 4-Inch Sloped 36-Inch Type R	LF 857.000	.		.	
0330	601.0582 Concrete Curb & Gutter 4-Inch Sloped 36-Inch Type T	LF 981.000	.		.	
0340	602.0405 Concrete Sidewalk 4-Inch	SF 858.000	.		.	
0350	602.0415 Concrete Sidewalk 6-Inch	SF 623.000	.		.	
0360	602.0505 Curb Ramp Detectable Warning Field Yellow	SF 150.000	.		.	
0370	611.0627 Inlet Covers Type HM	EACH 1.000	.		.	
0380	611.0636 Inlet Covers Type HM-S	EACH 3.000	.		.	

SCHEDULE OF ITEMS

REVISED:

CONTRACT:
20160510041PROJECT(S):
1000-08-88FEDERAL ID(S):
N/A

CONTRACTOR : _____

LINE NO	ITEM DESCRIPTION	APPROX. QUANTITY AND UNITS	UNIT PRICE		BID AMOUNT	
			DOLLARS	CTS	DOLLARS	CTS
0390	611.8115 Adjusting Inlet Covers	1.000 EACH	.		.	
0400	618.0100 Maintenance And Repair of Haul Roads (project) 01. 1000-08-88	1.000 EACH	.		.	
0410	619.1000 Mobilization	1.000 EACH	.		.	
0420	620.0300 Concrete Median Sloped Nose	593.000 SF	.		.	
0430	624.0100 Water	9.700 MGAL	.		.	
0440	628.1504 Silt Fence	528.000 LF	.		.	
0450	628.1520 Silt Fence Maintenance	528.000 LF	.		.	
0460	628.1905 Mobilizations Erosion Control	9.000 EACH	.		.	
0470	628.1910 Mobilizations Emergency Erosion Control	6.000 EACH	.		.	
0480	628.2004 Erosion Mat Class I Type B	85.000 SY	.		.	
0490	628.7005 Inlet Protection Type A	1.000 EACH	.		.	

SCHEDULE OF ITEMS

REVISED:

CONTRACT:
20160510041PROJECT(S):
1000-08-88FEDERAL ID(S):
N/A

CONTRACTOR : _____

LINE NO	ITEM DESCRIPTION	APPROX. QUANTITY AND UNITS	UNIT PRICE		BID AMOUNT	
			DOLLARS	CTS	DOLLARS	CTS
0500	628.7010 Inlet Protection Type B	2.000 EACH	.		.	
0510	628.7015 Inlet Protection Type C	4.000 EACH	.		.	
0520	628.7504 Temporary Ditch Checks	70.000 LF	.		.	
0530	628.7555 Culvert Pipe Checks	6.000 EACH	.		.	
0540	628.7570 Rock Bags	18.000 EACH	.		.	
0550	633.0500 Delineator Reflectors	39.000 EACH	.		.	
0560	633.5200 Markers Culvert End	2.000 EACH	.		.	
0570	634.0805 Posts Tubular Steel 2x2-Inch X 5-FT	13.000 EACH	.		.	
0580	634.0808 Posts Tubular Steel 2x2-Inch X 8-FT	9.000 EACH	.		.	
0590	634.0810 Posts Tubular Steel 2x2-Inch X 10-FT	7.000 EACH	.		.	
0600	634.0811 Posts Tubular Steel 2x2-Inch X 11-FT	21.000 EACH	.		.	

SCHEDULE OF ITEMS

REVISED:

CONTRACT:
20160510041PROJECT(S):
1000-08-88FEDERAL ID(S):
N/A

CONTRACTOR : _____

LINE NO	ITEM DESCRIPTION	APPROX. QUANTITY AND UNITS	UNIT PRICE		BID AMOUNT	
			DOLLARS	CTS	DOLLARS	CTS
0610	634.0812 Posts Tubular Steel 2x2-Inch X 12-FT	5.000 EACH	.		.	
0620	634.0814 Posts Tubular Steel 2x2-Inch X 14-FT	6.000 EACH	.		.	
0630	637.2210 Signs Type II Reflective H	227.930 SF	.		.	
0640	637.2230 Signs Type II Reflective F	37.250 SF	.		.	
0650	638.2102 Moving Signs Type II	9.000 EACH	.		.	
0660	638.2602 Removing Signs Type II	30.000 EACH	.		.	
0670	638.3000 Removing Small Sign Supports	42.000 EACH	.		.	
0680	643.0100 Traffic Control (project) 01. 1000-08-88	1.000 EACH	.		.	
0690	643.0300 Traffic Control Drums	14,432.000 DAY	.		.	
0700	643.0410 Traffic Control Barricades Type II	371.000 DAY	.		.	
0710	643.0420 Traffic Control Barricades Type III	306.000 DAY	.		.	

SCHEDULE OF ITEMS

REVISED:

CONTRACT:
20160510041PROJECT(S):
1000-08-88FEDERAL ID(S):
N/A

CONTRACTOR : _____

LINE NO	ITEM DESCRIPTION	APPROX. QUANTITY AND UNITS	UNIT PRICE		BID AMOUNT	
			DOLLARS	CTS	DOLLARS	CTS
0720	643.0705 Traffic Control Warning Lights Type A	983.000 DAY	.		.	
0730	643.0715 Traffic Control Warning Lights Type C	2,392.000 DAY	.		.	
0740	643.0800 Traffic Control Arrow Boards	32.000 DAY	.		.	
0750	643.0900 Traffic Control Signs	3,551.000 DAY	.		.	
0760	646.0106 Pavement Marking Epoxy 4-Inch	109.000 LF	.		.	
0770	646.0126 Pavement Marking Epoxy 8-Inch	302.000 LF	.		.	
0780	646.0600 Removing Pavement Markings	4,875.000 LF	.		.	
0790	647.0456 Pavement Marking Curb Epoxy	55.000 LF	.		.	
0800	647.0566 Pavement Marking Stop Line Epoxy 18-Inch	257.000 LF	.		.	
0810	647.0606 Pavement Marking Island Nose Epoxy	3.000 EACH	.		.	
0820	647.0766 Pavement Marking Crosswalk Epoxy 6-Inch	98.000 LF	.		.	

SCHEDULE OF ITEMS

REVISED:

CONTRACT:
20160510041PROJECT(S):
1000-08-88FEDERAL ID(S):
N/A

CONTRACTOR : _____

LINE NO	ITEM DESCRIPTION	APPROX. QUANTITY AND UNITS	UNIT PRICE		BID AMOUNT	
			DOLLARS	CTS	DOLLARS	CTS
0830	647.0796 Pavement Marking Crosswalk Epoxy 24-Inch	612.000 LF	.		.	
0840	649.0400 Temporary Pavement Marking Removable Tape 4-Inch	6,540.000 LF	.		.	
0850	649.0506 Temporary Pavement Marking Removable Mask-Out Tape 6-Inch	2,010.000 LF	.		.	
0860	650.4500 Construction Staking Subgrade	1,739.000 LF	.		.	
0870	650.5000 Construction Staking Base	1,739.000 LF	.		.	
0880	650.5500 Construction Staking Curb Gutter and Curb & Gutter	778.000 LF	.		.	
0890	650.6000 Construction Staking Pipe Culverts	1.000 EACH	.		.	
0900	650.8500 Construction Staking Electrical Installations (project) 02. 1000-08-88 USH 2 & USH 53	LUMP	LUMP		.	
0910	650.8500 Construction Staking Electrical Installations (project) 03. 1000-08-88 USH 63/STH 27/STH 77	LUMP	LUMP		.	

SCHEDULE OF ITEMS

REVISED:

CONTRACT:
20160510041PROJECT(S):
1000-08-88FEDERAL ID(S):
N/A

CONTRACTOR : _____

LINE NO	ITEM DESCRIPTION	APPROX. QUANTITY AND UNITS	UNIT PRICE		BID AMOUNT	
			DOLLARS	CTS	DOLLARS	CTS
0920	650.9910 Construction Staking Supplemental Control (project) 01. 1000-08-88	LUMP	LUMP		.	
0930	650.9920 Construction Staking Slope Stakes	1,547.000 LF	.		.	
0940	652.0225 Conduit Rigid Nonmetallic Schedule 40 2-Inch	450.000 LF	.		.	
0950	652.0235 Conduit Rigid Nonmetallic Schedule 40 3-Inch	145.000 LF	.		.	
0960	652.0700.S Install Conduit into Existing Item	5.000 EACH	.		.	
0970	652.0800 Conduit Loop Detector	336.000 LF	.		.	
0980	652.0900 Loop Detector Slots	336.000 LF	.		.	
0990	653.0135 Pull Boxes Steel 24x36-Inch	2.000 EACH	.		.	
1000	653.0140 Pull Boxes Steel 24x42-Inch	2.000 EACH	.		.	
1010	653.0900 Adjusting Pull Boxes	5.000 EACH	.		.	
1020	653.0905 Removing Pull Boxes	1.000 EACH	.		.	

SCHEDULE OF ITEMS

REVISED:

CONTRACT:
20160510041PROJECT(S):
1000-08-88FEDERAL ID(S):
N/A

CONTRACTOR : _____

LINE NO	ITEM DESCRIPTION	APPROX. QUANTITY AND UNITS	UNIT PRICE		BID AMOUNT	
			DOLLARS	CTS	DOLLARS	CTS
1030	654.0101 Concrete Bases Type 1	5.000 EACH	.		.	
1040	654.0102 Concrete Bases Type 2	2.000 EACH	.		.	
1050	654.0105 Concrete Bases Type 5	4.000 EACH	.		.	
1060	654.0110 Concrete Bases Type 10	1.000 EACH	.		.	
1070	654.0224 Concrete Control Cabinet Bases Type L24	1.000 EACH	.		.	
1080	655.0230 Cable Traffic Signal 5-14 AWG	92.000 LF	.		.	
1090	655.0610 Electrical Wire Lighting 12 AWG	624.000 LF	.		.	
1100	655.0620 Electrical Wire Lighting 8 AWG	1,023.000 LF	.		.	
1110	655.0625 Electrical Wire Lighting 6 AWG	1,056.000 LF	.		.	
1120	655.0700 Loop Detector Lead In Cable	852.000 LF	.		.	
1130	655.0800 Loop Detector Wire	1,048.000 LF	.		.	

SCHEDULE OF ITEMS

REVISED:

CONTRACT:
20160510041PROJECT(S):
1000-08-88FEDERAL ID(S):
N/A

CONTRACTOR : _____

LINE NO	ITEM DESCRIPTION	APPROX. QUANTITY AND UNITS	UNIT PRICE		BID AMOUNT	
			DOLLARS	CTS	DOLLARS	CTS
1140	656.0200 Electrical Service Meter Breaker Pedestal (location) 01. USH 2/USH 63	LUMP	LUMP		.	
1150	657.0255 Transformer Bases Breakaway 11 1/2-Inch Bolt Circle	4.000 EACH	.		.	
1160	657.0322 Poles Type 5-Aluminum	4.000 EACH	.		.	
1170	657.0715 Luminaire Arms Truss Type 4 1/2-Inch Clamp 15-FT	4.000 EACH	.		.	
1180	657.1345 Install Poles Type 9	1.000 EACH	.		.	
1190	657.1525 Install Monotube Arms 25-FT	1.000 EACH	.		.	
1200	658.0103 Traffic Signal Face 1-12 Inch Vertical	3.000 EACH	.		.	
1210	658.0210 Backplates Signal Face 1 Section 12-Inch	3.000 EACH	.		.	
1220	658.0600 Led Modules 12-Inch Red Ball	3.000 EACH	.		.	
1230	658.5069 Signal Mounting Hardware (location) 01. USH 2/USH 63 ISLAND	LUMP	LUMP		.	
1240	659.1120 Luminaires Utility LED B	4.000 EACH	.		.	

SCHEDULE OF ITEMS

REVISED:

CONTRACT:
20160510041PROJECT(S):
1000-08-88FEDERAL ID(S):
N/A

CONTRACTOR : _____

LINE NO	ITEM DESCRIPTION	APPROX. QUANTITY AND UNITS	UNIT PRICE		BID AMOUNT	
			DOLLARS	CTS	DOLLARS	CTS
1250	659.2124 Lighting Control Cabinets 120/240 24-Inch	1.000 EACH	.		.	
1260	690.0150 Sawing Asphalt	2,288.000 LF	.		.	
1270	690.0250 Sawing Concrete	1,886.000 LF	.		.	
1280	SPV.0090 Special 01. Concrete Curb & Gutter 4-inch Sloped 36-inch Type D Modified	1,110.000 LF	.		.	
1290	SPV.0090 Special 02. Concrete Curb & Gutter 4-inch Sloped 36-inch Type A Modified	120.000 LF	.		.	
1300	SPV.0090 Special 03. Concrete Curb and Gutter Cure and Seal Treatment	3,751.000 LF	.		.	
1310	SPV.0090 Special 04. Construction Staking Select Crushed Material	180.000 LF	.		.	
1320	SPV.0105 Special 01. Concrete Crack Mitigation and Repair Special USH 8/CTH SS	LUMP	LUMP		.	
1330	SPV.0105 Special 02. Concrete Crack Mitigation and Repair Special USH 2/USH 63	LUMP	LUMP		.	

SCHEDULE OF ITEMS

REVISED:

CONTRACT:

PROJECT(S):

FEDERAL ID(S):

20160510041

1000-08-88

N/A

CONTRACTOR : _____

LINE NO	ITEM DESCRIPTION	APPROX. QUANTITY AND UNITS	UNIT PRICE		BID AMOUNT	
			DOLLARS	CTS	DOLLARS	CTS
1340	SPV.0105 Special 03. Concrete Crack Mitigation and Repair Special USH 63/STH 77/STH 27	LUMP	LUMP		.	
1350	SPV.0105 Special 04. Concrete Crack Mitigation and Repair Special USH 8/STH 73	LUMP	LUMP		.	
1360	SPV.0105 Special 05. Concrete Crack Mitigation and Repair Special STH 35/STH 77	LUMP	LUMP		.	
1370	SPV.0105 Special 06. Concrete Crack Mitigation and Repair Special USH 8/East 3rd St.	LUMP	LUMP		.	
1380	SPV.0105 Special 07. Concrete Crack Mitigation and Repair Special USH 8/STH 35/208th St.	LUMP	LUMP		.	
1390	SPV.0105 Special 08. Concrete Apron and Concrete Island Joint Layout USH 8/CTH SS	LUMP	LUMP		.	
1400	SPV.0105 Special 09. Concrete Apron and Concrete Island Joint Layout USH 2/USH 63	LUMP	LUMP		.	
1410	SPV.0105 Special 10. Concrete Apron and Concrete Island Joint Layout USH 63/STH 77/STH 27	LUMP	LUMP		.	

SCHEDULE OF ITEMS

REVISED:

CONTRACT:
20160510041PROJECT(S):
1000-08-88FEDERAL ID(S):
N/A

CONTRACTOR : _____

LINE NO	ITEM DESCRIPTION	APPROX. QUANTITY AND UNITS	UNIT PRICE		BID AMOUNT	
			DOLLARS	CTS	DOLLARS	CTS
1420	SPV.0105 Special 11. Concrete Apron and Concrete Island Joint Layout USH 8/STH 73	LUMP	LUMP		.	
1430	SPV.0105 Special 12. Concrete Apron and Concrete Island Joint Layout STH 35/STH 77	LUMP	LUMP		.	
1440	SPV.0105 Special 13. Concrete Apron and Concrete Island Joint Layout USH 8/East 3rd St.	LUMP	LUMP		.	
1450	SPV.0105 Special 14. Concrete Apron and Concrete Island Joint Layout USH 8/STH 35/208th St.	LUMP	LUMP		.	
1460	SPV.0105 Special 15. Salvage Above Ground Traffic Signal Equipment	LUMP	LUMP		.	
1470	SPV.0105 Special 16. Transporting Traffic Signal and Intersection Lighting Materials	LUMP	LUMP		.	
1480	SPV.0165 Special 01. Concrete Island Special	SF 6,332.000	.		.	
1490	SPV.0165 Special 02. Concrete Sidewalk Cure and Seal Treatment	SF 1,481.000	.		.	
1500	SPV.0165 Special 03. Concrete Median Sloped Nose Cure and Seal Treatment	SF 593.000	.		.	

SCHEDULE OF ITEMS

REVISED:

CONTRACT:
20160510041PROJECT(S):
1000-08-88FEDERAL ID(S):
N/A

CONTRACTOR : _____

LINE NO	ITEM DESCRIPTION	APPROX. QUANTITY AND UNITS	UNIT PRICE		BID AMOUNT	
			DOLLARS	CTS	DOLLARS	CTS
1510	SPV.0180 Special 01. Concrete Apron Special	861.000 SY	.		.	
1520	SPV.0180 Special 02. Geogrid	108.000 SY	.		.	
	SECTION 0001 TOTAL				.	
	TOTAL BID				.	

PLEASE ATTACH SCHEDULE OF ITEMS HERE