

HIGHWAY WORK PROPOSAL

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

Proposal Number:

Ø 1

<u>COUNTY</u>	<u>STATE PROJECT ID</u>	<u>FEDERAL PROJECT ID</u>	<u>PROJECT DESCRIPTION</u>	<u>HIGHWAY</u>
Dane	1001-00-64		Janesville - Portage US 12/18 to STH 30 Dane County	IH 39

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

Proposal Guaranty Required, \$ 75,000.00 Payable to: Wisconsin Department of Transportation	Attach Proposal Guaranty on back of this PAGE.	
Bid Submittal Due Date: April 14, 2015 Time (Local Time): 9:00 AM		Firm Name, Address, City, State, Zip Code SAMPLE NOT FOR BIDDING PURPOSES This contract is exempt from federal oversight.
Contract Completion Time Seventy (70) Calendar Days		
Assigned Disadvantaged Business Enterprise Goal 0%		

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 pavement repair and replacement, concrete pavement repair and replacement precast and traffic control.	
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.

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://www.dot.wisconsin.gov/business/engrserv/bid-letting-information.htm>. 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://www.dot.wisconsin.gov/business/engrserv/bid-letting-information.htm> 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.

B Submitting Electronic Bids

B.1 On the Internet

- (1) Do the following before submitting the bid:
 1. Have a properly executed annual bid bond on file with the department.
 2. Have a digital ID on file with and enabled by Info Tech Inc. Using this digital ID will constitute the bidder's signature for proper execution of the bidding proposal.
- (2) In lieu of preparing, delivering, and submitting the proposal as specified in **102.6** and **102.9** of the standard specifications, submit the proposal on the internet as follows:

1. Download the latest schedule of items reflecting all addenda from the Bid Express™ web site.
 2. Use Expedite™ software to enter a unit price for every item in the schedule of items.
 3. Submit the bid according to the requirements of Expedite™ software and the Bid Express™ web site. Do not submit a bid on a printout with accompanying diskette or CD ROM or a paper bid. If the bidder does submit a bid on a printout with accompanying diskette or a paper bid in addition to the internet submittal, the department will disregard the internet bid.
 4. Submit the bid before the hour and date the Notice to Contractors designates.
 5. Do not sign, notarize, and return the bidding proposal described in 102.2 of the standard specifications.
- (3) The department will not consider the bid accepted until the hour and date the Notice to Contractors designates.

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

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

Bidder Name

BN00

Proposals: 1, 12, 14, & 22

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

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

C Waiver of Electronic Submittal

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

PROPOSAL BID BOND

DT1303 1/2006

Wisconsin Department of Transportation

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

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

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

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

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

PRINCIPAL

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

(Signature and Title)

(Company Name)

(Signature and Title)

(Company Name)

(Signature and Title)

(Company Name)

(Signature and Title)

NOTARY FOR PRINCIPAL

(Date)

State of Wisconsin)
) ss.
_____ County)

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

(Signature, Notary Public, State of Wisconsin)

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

(Date Commission Expires)

Notary Seal

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

(Signature of Attorney-in-Fact)

NOTARY FOR SURETY

(Date)

State of Wisconsin)
) ss.
_____ County)

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

(Signature, Notary Public, State of Wisconsin)

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

(Date Commission Expires)

Notary Seal

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

CERTIFICATE OF ANNUAL BID BOND

DT1305 8/2003

Wisconsin Department of Transportation

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

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

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

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

(Signature of Authorized Contractor Representative)

(Date)

March 2010

LIST OF SUBCONTRACTORS

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

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

[illegible]

DECEMBER 2000

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

Instructions for Certification

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

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

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

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

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

Special Provisions

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SPECIAL PROVISIONS

1. General.

Perform the work under this construction contract for Project 1001-00-64, Janesville – Portage, US 12/18 to STH 30, IH 39, Dane County, Wisconsin as the plans show and execute the work as specified in the State of Wisconsin, Department of Transportation, Standard Specifications for Highway and Structure Construction, 2015 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 (20141107)

2. Scope of Work.

The work under this contract shall consist of concrete pavement repair, concrete pavement replacement, precast concrete pavement repair, precast concrete pavement replacement, traffic control, pavement marking and all incidental items necessary to complete the work as shown on the plans and included in the proposal and contract.

104-005 (20090901)

3. Prosecution and Progress.

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

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

To revise the 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.

Complete all contract work within 70 calendar days and prior to 12:01 AM September 18, 2015. If the contractor does not complete all contract work within 70 calendar days and prior to 12:01 AM September 18, 2015 the department will assess liquidated damages according to standard spec 108.11 for each calendar day beyond 70 calendar days or beyond 12:01 AM September 18, 2015, whichever comes first, in which work under this contract is not complete. An entire calendar day will be charged for any period of time within a calendar day that the work remains incomplete beyond 12:01 AM.

Multiple mobilizations may be required for items such as traffic control, pavement marking and other incidental items related to staging and daily work operations. No additional payment will be made by the department for the mobilizations.

Contractor Coordination

Hold prosecution and progress meetings once a week. The contractor's superintendent, or designated representative, and subcontractor's representatives for ongoing subcontract work, or subcontractor work expected to begin within the next two weeks, shall attend. At the progress meetings, provide a written schedule of the next two weeks' operations.

The written schedule shall include begin and end dates of specific prime and subcontractor work operations. Agenda items at the meeting will include review of the contractor's schedule, subcontractors' schedule, and evaluation of progress and pay items. Plans and specifications for upcoming work will be reviewed to prevent potential problems or conflicts between contractors.

Based on the progress meeting, if the engineer requests a revised schedule, submit it within seven calendar days. Failure to submit a new schedule within seven days shall result in the engineer holding pay requests until received.

Working Hours

Replace standard spec 107.8(6) as follows:

Perform all work at night according to the lane closure hours specified in the Traffic article.

Work Restrictions

Do not close traffic lanes (including ramps) outside the allowed time periods specified in the Traffic article. If the contractor closes lanes prior to the specified timeframe, or fails to open lanes within the specified timeframe, the department will assess lane rental charges as shown below:

Time Period in excess of specified time	15 minute Lane Rental Charge per lane per direction of travel	Cumulative Lane Rental Charge per lane per direction of travel
0-15 minutes	\$1,500	\$1,500
15-30 minutes	\$2,000	\$3,500
30-45 minutes	\$2,500	\$6,000
> 45 minutes	\$3,000	\$9,000 and up

The total lane rental cost assessed to the contractor will be the summation of separate costs for each traffic lane and each direction of traffic in violation. The department will administer lane rental charges under the Failing to Open Road to Traffic administrative item.

Do not close any ramp for more nights than allowed as specified in the Traffic article. The department will assess the contractor \$5,000 in lane rental charges for each additional night that the ramp requires closure. Damages will be assessed under the Failing to Open Road to Traffic administrative item.

If a lane is obstructed at any time due to contractor operations, it is considered a closure.

Lane Rental Fee assessment will not be assessed for closures due to crashes, accidents or emergencies not initiated by the contractor.

Lane Rental Fee assessment will be in effect from the time of the Notice to Proceed until the department issues final acceptance.

Construction Staging

Suggested construction staging is provided in the plans. The sequence of construction staging may be altered by the contractor as approved by the engineer.

Construction staging plan sheets are provided only at interchanges with more involved traffic control needs. Areas not covered by the traffic control plan sheets are to be constructed according to the traffic control typical sections, traffic control detail sheets, and applicable standard detail drawings.

Pavement Marking

Place Pavement Marking Epoxy within seven calendar days of placing concrete pavement at each repair or replacement location.

Clear Zone Working Restrictions

Store material or park equipment a minimum of 30 feet from the traveled way unless protected by guardrail or barrier.

4. Traffic.

General

Submit all traffic control change requests to the engineer at least three calendar days prior to an actual traffic control change. A request does not constitute approval.

During times that lane closures are allowed, maintain a minimum 16 feet clear width for Oversize and Overweight freight.

Place drums and other temporary traffic control devices on the outer edge of the shoulder when not in use.

During lane closures, keep drums out of the open lane of traffic. Drums may be placed in the open lane to shift traffic onto the shoulder only in the immediate vicinity of work when traffic is reduced to a single lane. Restore drums immediately after completing work in that area.

Material and equipment delivery is only permitted within lane closures.

Do not use maintenance crossovers to make U-turns unless the inside lanes in both directions are closed.

Traffic Control Signs

Append standard spec 643.3.8.1 with the following:

For signs mounted on portable sign supports, use supports that provide a minimum of 5 feet from the bottom of the sign to the pavement.

Work Zone Speed Limits

Reduce the speed limit within the work zone to 55 MPH when lanes are closed. Return the speed limit to 65 MPH when all lanes are open to traffic.

Lane Closures

Nightly I39/90 lane closures are permitted at the times shown in the tables below. All lane closures shall have a maximum length of 5 miles. Complete all work operations using multiple lane closures. Single lane closures are permitted after completion of the night's work to allow additional cure for outside lane Concrete Pavement Repair / Replacement Overnight.

North Limits to US 12/18:

Time Period			Direction	Multiple Lane Closure Start	Multiple Lane Closure End	Single Lane Closure End
Monday - Thursday Night	To	Tuesday - Friday Morning	NB	9:00 PM	6:00 AM	7:00 AM
			SB	9:00 PM	6:00 AM	6:00 AM
Friday Night	To	Saturday Morning	NB	10:00 PM	7:00 AM	9:00 AM
			SB	10:00 PM	8:00 AM	10:00 AM
Saturday Night	To	Sunday Morning	NB	8:00 PM	9:00 AM	10:00 AM
			SB	10:00 PM	9:00 AM	10:00 AM
Sunday Night	To	Monday Morning	NB	9:00 PM	6:00 AM	7:00 AM
			SB	10:00 PM	6:00 AM	6:00 AM

US 12/18 to South Limits:

Time Period			Direction	Single Lane Closure Start	Single Lane Closure End
Monday - Thursday Night	To	Tuesday - Friday Morning	NB	9:00 PM	6:00 AM
			SB	7:00 PM	9:00 AM
Friday Night	To	Saturday Morning	NB	10:00 PM	7:00 AM
			SB	8:00 PM	9:00 AM
Saturday Night	To	Sunday Morning	NB	8:00 PM	9:00 AM
			SB	7:00 PM	9:00 AM
Sunday Night	To	Monday Morning	NB	9:00 PM	6:00 AM
			SB	9:00 PM	7:00 AM

Ramp Closures

Keep the following ramps open at all times. Ramps may be reduced to a single lane in conjunction with the I39/90 multiple lane closure hours specified above.

- Southbound Entrance from USH 151
- Southbound Exit to I94 East
- Southbound Exit to US 12/18 West
- Northbound Entrance from USH 12/18 East
- Northbound Entrance from Westbound I94

The following ramps may be closed on non-weekend (Monday, Tuesday, Wednesday, Thursday) nights from 10:00 PM to 6:00 AM for the number of nights specified.

Ramp	Number of Closures
SB Entrance from High Point Rd	As required by engineer
SB Exit to STH 30 West	3 Nights
SB Entrance from STH 30 East	As required by engineer
SB Entrance from USH 12/18 West	3 Nights
SB Exit to USH 12/18 East	3 Nights
SB Entrance from USH 12/18 East	3 Nights
NB Exit to USH 12/18 East	3 Nights
NB Exit to USH 12/18 West	3 Nights
NB Entrance from USH 12/18 West	3 Nights
NB Exit to STH 30 West	3 Nights
NB Exit to I94 East	3 Nights
NB Entrance from STH 30 East	As required by engineer

Wisconsin Lane Closure System Advance Notification

Provide the following minimum advance notification to the engineer for incorporation into the Wisconsin Lane Closure System (LCS). Advance notification is not required for closures and/restrictions on “ON” and “OFF” ramps from and to local streets.

New lane closures*	14 calendar days
Full roadway closures	14 calendar days
New ramp restrictions *	14 calendar days
Ramp closures	14 calendar days
Project start	14 calendar days
Construction stage changes	14 calendar days
Detours	14 calendar days
Lane closures**	3 business days
Ramp closures**	3 business days
Extending all closure types	3 business days

* With height, weight, or width restrictions (available width, all lanes in one direction <16')

** Without height, weight, or width restrictions (available width, all lanes in one direction >16')

Discuss LCS completion dates at weekly project meetings in order to manage closures nearing their completion date prior to the completion date. Enter changes in the schedule or completion date into LCS after the weekly project update meetings. For unexpected closure extension required due to weather, equipment malfunction, or other emergency situation, contact the regional work zone engineer in the region where the work will occur for additional guidance.

Enter the range of the project duration and utilize overrides when the closure is in place for long term projects with sporadic restricted nighttime or daytime closures. Enter a note into LCS explaining that this approach is being utilized, so if a load needs to get through, permitting can double check to determine whether the closure is in place.

5. Holiday Work Restrictions.

Do not perform work on, nor haul materials of any kind along or across any portion of the highway carrying IH 39 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:

- From 7:00 AM Friday, May 22, 2015 to 10:00 PM Tuesday, May 26, 2015 for Memorial Day;
- From 7:00 AM Thursday, July 2, 2015 to 10:00 PM Monday, July 6, 2015 for Independence Day;
- From 7:00 AM Friday, September 4, 2015 to 10:00 PM Tuesday, September 8, 2015 for Labor Day;
- From 4 hours before the kick-off of a Badger Football home game to 4 hours after completion of the game.

107-005 (20050502)

6. Utilities.

This contract does come under the provisions of Administrative Rule TRANS 220.

107-065 (20080501)

There are underground and overhead utility facilities located within the project limits. Coordinate construction activities with a call to Digger's Hotline or a direct call to the utilities that have facilities in the area as required per statutes. Use caution to ensure the integrity of underground facilities and maintain code clearances from overhead facilities at all times.

The following utility companies have facilities within the project area: however, no adjustments are anticipated:

AT&T Legacy – Communications

ATC Management, Inc. – Electric Transmission

Frontier – Communications

MG& E – Electricity

MG&E – Gas

Madison Metropolitan Sewage District – Sewer

McLeod USA Telecom – Communications

7. Railroad Insurance and Coordination.

A Description

Comply with standard spec 107.17 for all work affecting Union Pacific Railroad Company Property, Wisconsin and Southern Railroad Company 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 Union Pacific Railroad Company and Wisconsin and Southern Railroad Company.

Notify evidence of the required coverage, and duration to John Venice, Manager Special Projects – Industry & Public Projects Engineering Department, 101 North Wacker Drive – Suite 1920, Chicago, IL 60606, TELEPHONE (312) 777-2043, FAX (402) 233-2769, email jnvenice@up.com and Roger Schaalma, Superintendent of Maintenance of Way, Wisconsin and Southern Railroad Co., 1890 East Johnson Street, Madison, WI, 53704; TELEPHONE (414) 750-3702; Ext. 4201; FAX (608) 243-9225; email rschaalma@watcocompanies.com. Include the following information on the insurance document:

Project: 1001-00-64
Route Name: IH 39, Dane County
Crossing ID: 177337U
Railroad Subdivision: Cottage Grove
Railroad Milepost: 75.89

Notify evidence of the required coverage, and duration to Roger Schaalma, Superintendent of Maintenance of Way, Wisconsin and Southern Railroad Co., 1890 East Johnson Street, Madison, WI 53704; TELEPHONE (414) 750-3702; Ext. 4201; FAX (608) 243-9225; email rschaalma@watcocompanies.com. Include the following information on the insurance document:

Project: 1001-00-64
Route Name: IH 39, Dane County
Crossing ID: 392211C
Railroad Subdivision: Waterloo
Railroad Milepost: 161.40

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 John Venice, Manager Special Projects – Industry & Public Projects Engineering Department, 101 North Wacker Drive – Suite 1920, Chicago, IL 60606, TELEPHONE (312) 777-2043, FAX (402) 233-2769, email jnvenice@up.com, for consultation on railroad requirements at Crossing ID 177337U (Station 222'EB'+25) during construction.

Contact Roger Schaalma, Superintendent of Maintenance of Way, Wisconsin and Southern Railroad Co., 1890 East Johnson Street, Madison, WI 53704; TELEPHONE (414) 750-3702; Ext. 4201; FAX (608) 243-9225; email rschaalma@watcocompanies.com, for consultation on railroad requirements at Crossing ID 392211C (Station 869'TC'+00) during construction.

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 2 through freight trains operate daily through Crossing ID 177337U (Station 222'EB'+25). Through freight trains operate at up to 20 mph.

Approximately 6 through freight trains operate daily through Crossing ID 392211C (Station 869'TC'+00). Through freight trains operate at up to 10 mph.

8. Archaeological Site Protection.

Archaeologically significant sites exist adjacent to the project area as follows:

Site	Location
47DA1377 (Roaring Prairie)	237+00EB to 239+00EB RT
47DA1474 (W-0736-03)	247+50EB to 249+50EB RT
47DA1475 (W-0736-02)	240+00EB to 242+00EB LT

Do not stage personnel, equipment and/or supplies outside existing pavement near these sites. Do not use these sites for borrow or waste disposal. If ground disturbance beyond the existing right-of-way limits becomes necessary, provide two weeks' notice to the Bureau of Technical Services, Environmental Services Section (ESS), before doing any work at these sites. ESS will provide a qualified archaeologist to be on site at all times when work occurs near these areas. ESS contacts are Jim Becker, (608) 261-0137 or Lynn Cloud, (608) 266-0099.

If a potentially significant archaeological feature or material is discovered during construction operations, the archeologist will promptly coordinate with the engineer, ESS and SHPO to determine an appropriate course of action.

9. Nighttime Work Lighting-Stationary.

A Description

Provide portable lighting as necessary to complete nighttime work. Nighttime operations consist of work specifically scheduled to occur after sunset and before sunrise.

B (Vacant)

C Construction

C.1 General

This provision shall apply when providing, maintaining, moving, and removing portable light towers and equipment-mounted lighting fixtures for nighttime stationary work operations, for the duration of nighttime work on the contract.

At least 14 days prior to the nighttime work, furnish a lighting plan to the engineer for review and acceptance. Address the following in the plan:

1. Layout, including location of portable lighting – lateral placement, height, and spacing. Clearly show on the layout the location of all lights necessary for every aspect of work to be done at night.
2. Specifications, brochures, and technical data of all lighting equipment to be used.
3. The details on how the luminaires will be attached.
4. Electrical power source information.
5. Details on the louvers, shields, or methods to be employed to reduce glare.
6. Lighting calculations. Provide illumination with average to minimum uniformity ratio of 5:1 or less throughout the work area.
7. Detail information on any other auxiliary equipment.

C.2 Portable Lighting

Provide portable lighting that is sturdy and free standing and does not require any guy wires, braces, or any other attachments. Furnish portable lighting capable of being moved as necessary to keep up with the construction project. Position the portable lighting and trailers to minimize the risk of being impacted by traffic on the roadway or by construction traffic or equipment. Provide lightning protection for the portable lighting. Portable lighting shall withstand up to 60 mph wind velocity.

If portable generators are used as a power source, furnish adequate power to operate all required lighting equipment without any interruption during the nighttime work. Provide wiring that is weatherproof and installed according to local, state, federal (NECA and OSHA) requirements. Equip all power sources with a ground-fault circuit interrupter to prevent electrical shock.

C.3 Light Level and Uniformity

Position (spacing and mounting height) the luminaires to provide illumination with an average to minimum uniformity ratio of 5:1 or less throughout the work area.

Illuminate the area as necessary to incorporate construction vehicles, equipment, and personnel activities.

C.4 Glare Control

Design, install, and operate all lighting supplied under these specifications to minimize or avoid glare that interferes with all traffic on the roadway or that causes annoyance or discomfort for properties adjoining the roadway. Locate, aim, and adjust the luminaires to provide the adequate level of illumination and the specified uniformity in the work area without the creation of objectionable glare.

Provide louvers, shields, or visors, as needed, to reduce any objectionable levels of glare. As a minimum, ensure the following requirements are met to avoid objectionable glare on the roadways open to traffic in either direction or for adjoining properties:

1. Aim tower-mounted luminaires, either parallel or perpendicular to the roadway, so as to minimize light aimed toward approaching traffic.
2. Aim all luminaires such that the center of beam axis is no greater than 60 degrees above vertical (straight down).

If lighting does not meet above-mentioned criteria, adjust the lighting within 24 hours.

C.5 Continuous Operation

Provide and have available sufficient fuel, spare lamps, generators, and qualified personnel to ensure that the lights will operate continuously during nighttime operation. In the event of any failure of the lighting system, discontinue the operation until the adequate level of illumination is restored. Move and remove lighting as necessary.

D (Vacant)

E Payment

Costs for furnishing a lighting plan, and for providing, maintaining, moving, and removing portable lighting, tower mounted lighting, and equipment-mounted lighting required under this special provision are incidental to the contract.
643-010 (20100709)

10. Sawing.

Replace standard spec 690.3.3 (1) with the following:

Do not extend saw cuts beyond the limits of Concrete Pavement Repair or Replacement. Epoxy seal accidental overcuts in accordance to standard spec 416.2.3.2. Saw full-depth unless the engineer directs or allows otherwise.

Add the following to standard spec 690.3.3 (2):

Clean any residual sludge from the roadway prior to opening closed lanes.

Add the following to standard spec 690.4 (2):

5. For repairs with a concrete lane on one side and an asphalt shoulder on the other side, one full-depth longitudinal cut along the concrete to concrete joint line and one relief cut 6 inches in from the asphalt shoulder.
6. For repairs with a concrete lane or shoulder on both sides, two full-depth longitudinal cuts, one at each joint line.

11. Removing Raised Pavement Markers and Filling Voids, SPV.0060.01.

A Description

This special provision describes removing existing raised pavement markers and filling voids with patching material.

B Materials

Furnish one of the following materials:

- A commercial patching material selected from the department's approved products list for rapid setting concrete patch material that does not contain magnesium phosphate.
- Fibrecrete G by Marketing Associates, Inc. with suitable bulking stone
- TechCrete R by Crafcro, Inc. with suitable bulking stone
- TechCrete TBR by Crafcro, Inc.

C Construction

Remove existing raised pavement markers. Raised pavement markers are approximately 10 inches long x 5.5 inches wide x 1.75 inches deep (existing voids may be larger) located every 100 feet along lane lines and every 25 feet along exit ramp channelizing lines. Prepare the void and apply patch material in accordance to manufacturer's recommendations.

D Measurement

The department will measure Removing Raised Pavement Markers and Filling Voids by each filled void, acceptably completed.

E Payment

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

ITEM NUMBER	DESCRIPTION	UNIT
SPV.0060.01	Removing Raised Pavement Markers and Filling Voids	Each

Payment is full compensation for removing and disposing of existing raised pavement markers; for providing all required materials, including primer and bulking stone, if required; for preparing the void; and for applying patch material.

12. Mobilization for Asphaltic Surface Patching, Item SPV.0060.02.

A Description

Furnish and mobilize personnel, equipment, traffic control, and materials to the project site to repair the existing pavement on an emergency basis as the engineer directs. An emergency is a sudden occurrence of a serious and urgent nature, beyond normal maintenance of the existing pavement.

B (Vacant)

C Construction

Mobilize with sufficient personnel, equipment, traffic control, materials and incidentals on the jobsite within 48 hours of the engineer's written order to repair the existing pavement on an emergency basis.

D Measurement

The department will measure Mobilization Emergency Pavement Repair as each individual mobilization, acceptably completed. The department will not include delivering and installing pavement repair or maintenance materials provided for in specific contract bid items. All traffic control items used for each Mobilization will be considered incidental to the Mobilization.

E Payment

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

ITEM NUMBER	DESCRIPTION	UNIT
SPV.0060.02	Mobilization Emergency Pavement Repair	Each

Payment is full compensation for the staged moving of personnel, moving equipment, setting up and removing traffic control, traffic control materials, and moving materials. The department will pay separately for delivery and installation of pavement repair materials under the other bid items in this contract. The department will not pay separately for traffic control items and materials even though they may be included in other bid items in this contract and will consider them incidental to each Mobilization.

13. Repositioning Traffic Control Devices for Closures, Item SPV.0060.03.

A Description

This special provision describes repositioning traffic control devices as required to close lanes to traffic.

B Materials

Use traffic control devices conforming to standard spec 643 that have been delivered and placed within the project limits under other contract bid items.

C Construction

Reposition traffic control devices as required to close one or more lanes to public traffic along roadway. Monitor and maintain the traffic control device configuration for the duration of the closure. Upon conclusion of the allowable lane closure timeframes, return the devices to their previous configuration or an engineer-approved position within the project limits.

D Measurement

The department will measure Repositioning Traffic Control Devices for Closures as each individual reposition/return cycle acceptably completed, measured as the number of reposition/return cycles the engineer deems necessary to conform to the traffic control plan, contract staging plan, and other contract requirements. The department will not measure additional moves or configuration changes as might be required solely to accommodate the contractor's operations.

The department will measure each change in configuration on a nightly basis regardless of the overall duration of the interruption to traffic at that location. Each direction of travel shall be measured separately.

Changes between a double and single lane closures during the same night are incidental to the contract. Longitudinal gaps in lane closures shall not constitute measurement of multiple closures, and are incidental to the contract.

E Payment

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

ITEM NUMBER	DESCRIPTION	UNIT
SPV.0060.03	Repositioning Traffic Control Devices for Closures	Each

Payment is full compensation for providing the required closure including placing and maintaining the required closure configuration as well as returning the traffic control devices to their previous or other engineer-approved location when the closure is no longer required. The department will pay separately for furnishing, and maintaining the condition of, required traffic control devices under other contract bid items.

14. Sawing Concrete Precast Panel Installation, Item SPV.0090.01.

A Description

This special provision describes sawing transverse and longitudinal joints in existing concrete pavement in conjunction with Concrete Pavement Repair / Replacement Precast.

B (Vacant)

C Construction

Send all operators to a precast concrete panel pre-installation meeting for certification to perform this work.

Use diamond blades with a 3/8" thickness for sawing concrete full-depth at the limits of the repair. Take special care to ensure cuts are plumb and follow the marked patch limits or existing longitudinal joints to facilitate a precise fit of the precast panel.

Do not extend saw cuts beyond the limits of Concrete Pavement Repair or Replacement. Epoxy seal accidental overcuts in accordance to standard spec 416.2.3.2. Saw full-depth unless the engineer directs or allows otherwise.

Remove sawing sludge after completing each saw cut. Minimize sludge on live traffic lanes. Remove sludge from all traffic control devices each morning. Dispose of sludge at an acceptable material disposal site or on engineer-approved areas of the roadway or roadside. Clean any residual sludge from the roadway prior to opening closed lanes.

D Measurement

The department will measure Sawing Concrete Precast Panel Installation by the linear foot, acceptably completed. The department will not measure overcuts, sawing that deviates from the marked patch limits, sawing that deviates from existing longitudinal joints or sawing performed by unapproved operators.

The department will measure the applicable total quantity of the following:

- For repairs with a concrete lane on one side and an asphalt shoulder on the other side, one full-depth longitudinal cut along the concrete to concrete joint line and one relief cut 6 inches in from the asphalt shoulder.
- For repairs with a concrete lane or shoulder on both sides, two full-depth longitudinal cuts, one at each joint line.
- Two full-depth transverse cuts, one at each limit of the repair area.
- Additional transverse cuts as necessary to reduce the removal slabs to a transportable size. The department will not measure cuts made to reduce removal slabs to a width less than 7 feet.

E Payment

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

ITEM NUMBER	DESCRIPTION	UNIT
SPV.0090.01	Sawing Concrete Precast Panel Installation	LF

Payment is full compensation for attending precast concrete panel pre-installation meeting; performing all sawcutting, sludge removal and cleaning the roadway.

15. Concrete Pavement Repair Precast 12-Inch, Item SPV.0180.01; Concrete Pavement Replacement Precast 12-Inch, Item SPV.0180.02.

A Description

Furnish and install precast reinforced concrete pavement panels for pavement repairs as shown on the plans, as directed by the engineer and as set forth in these special provisions.

A.1 Definitions

System Designer	The developer, proprietor and/or proprietor-authorized representative of the system being utilized by the Contractor.
System	A set of material, fabrication and installation details that work together to ensure the precast slabs are fully bedded, that adequate load transfer is provided across joints, that slabs are positioned at the proper grade and that slab surfaces conform to the overall pavement surface - all as required in this specification.

A.2 System Requirements

Provide a system that has a history of successful performance on at least three high volume public roadway projects in the last three years. The system shall have been demonstrated to achieve a load transfer efficiency, as demonstrated by falling weight deflectometer testing, of 70% or greater and a life expectancy of at least 35 years as demonstrated by a Heavy Vehicle Simulator (HVS) or similar test.

For contoured pavement surfaces, demonstrate the system can be used to fabricate and install non-planar slabs as required to match any surface of the pavement around them on the contract. Profile grinding of pavement of more than 3/8" to create the required contoured surface is not allowed.

If the proposed system does not meet these criteria, perform a pre-approval demonstration for the Department. Fabricate and install a minimum of five slabs in accordance with a complete set of fabrication and installation details that, once approved, will become the authorized fabrication and installation details for the entire project. Allow two weeks for Department review after completion of the trial installation and submittal of the details. Contract time extension due to trial installation or multiple iterations will not be granted.

B Materials

B.1 Precast Concrete Pavement Panels

The contractor is responsible for all aspects of the precast concrete pavement panel system including design, fabrication, and construction as defined in the plans and these special provisions.

Prior to fabrication and installation of any precast pavement panels on the project, develop complete fabrication and installation instructions specific to the proposed system for the department's review.

Fabricate the precast pavement panels in compliance with the department's plant certification program for fabrication of precast concrete members and the approved precast pavement system designer's fabrication instructions. Submit the plant certification information to the department for pre-approval as part of the precast pavement system design.

Furnish concrete and fabricate precast concrete panels in accordance to standard spec 503 and to conform to length, width, and thickness as specified in the plans or to the dimensions as determined in the field with engineer. The top surface texturing of the precast panel shall match the existing texture of abutting pavement. Do not disturb or remove the precast panels from the fabrication forms until a minimum compressive strength of 3000 psi is achieved. Furnish a precast concrete panel design which provides for a 28-day strength of 5,000 psi or higher. The department retains the option to test concrete to ensure it meets requirements in accordance to the standard specifications at the precaster. Follow standard specs 701, 710, and 715 for QMP testing requirements. Any material found to be nonconforming shall be addressed with the process outlined in chapter 8 section 10 of the Construction and Materials Manual.

Furnish panel reinforcement conforming to standard spec 505 and the plans. Provide a mat of reinforcement with a size and spacing of steel (in both directions) that results in a minimum ratio of steel area to concrete area of at least 0.0018 and a maximum center-to-center bar spacing in both directions of 18-inches. Use size No. 4 or larger epoxy coated steel bars.

B.2 Shop Drawings

Furnish shop drawings to the engineer for review prior to panel fabrication. Prior to shop drawing preparation, determine widths of the new panels by field measuring the distance between existing longitudinal joints where they are to be placed. Determine whether or not the surface of single plane (flat) panels will suitably match the surrounding pavement surfaces. If the surface of the surrounding pavement is non-planar such that flat panels will not suitably match, perform a survey of the existing pavement to determine the elevations of each corner of the new non-planar warped panel. Include the following information in the submittal:

- Panel layout drawing if the patch includes more than one panel that shows the location of each panel.
- Reinforcement size and position.
- Detailed piece drawings showing the location and size of dowels, lifting inserts, dowel bar slots, length and width of each panel and non-planar geometry information (if appropriate).
- Production note sheet showing source of materials, testing method, weight and area of each panel, tolerances and all details related to yard storage, shipping and handling.
- Texture of the top surface of the panels

B.3 Installation Plan

Provide a precast concrete pavement panel installation plan that addresses the following items:

- A detailed schedule breakdown of each task required to place the panels and complete the precast concrete pavement repairs which adhere to the traffic requirements and working restrictions as defined within these special provisions.
- Contractor personnel and equipment that will be used to perform the work. The installation plan shall demonstrate the contractor's ability to safely and efficiently lift, handle, transport, and install the precast pavement panels.
- Temporary termination plan for continuous lengths of concrete pavement replacement that exceed the available nightly production levels. Also provide how the first panel of the following night's work will be doweled to the last panel placed the previous night. Dowel bar retrofitting is prohibited.
- Contingency plan to address lane openings which may be required in the event of an emergency situation such as equipment failure preventing the placement of precast panels during the allowable lane closure hours.
- Potential repair procedures for contractor-caused damaged to existing pavements to remain in place adjacent to the precast concrete pavement panels.

Panel installation will not occur until the precast concrete pavement panel installation plan is accepted by the department.

B.4 Leveling Base

Furnish a fine grade crushed limestone or other base material free of unsuitable materials conforming to the following table for leveling of the pavement repair areas which provides full support for the precast panels.

Sieve Size Designation	Percent Passing by Weight
½ inch	100
No. 4	80 – 100
No. 10	55 – 75
No. 40	10 – 40
No. 200	0 – 20

B.5 Drilled Dowel Bars

Furnish epoxy coated dowel bars between 14-inches and 18-inches in length that conform to standard spec 505.2.6.

B.6 Bedding Grout

Use a premixed rapid set bedding grout with a flow rate of 20-30 seconds in a standard ASTM C939 flow cone and a minimum compressive strength of 1400 psi in 45 minutes at 72°F. Bedding grout must be approved by the precast pavement system designer.

B.7 Dowel Bar Grout

B.7.1 General

Use a pumpable grout approved by the precast pavement system designer. Any alternative grout products must be approved by the precast pavement system designer and the engineer.

B.7.2 Dowel Bar Grout Strength Testing

Test Dowel Bar Grout compressive strength in accordance with ASTM C-109.

- (1) Cast grout cubes during test panel installation. Provide compressive strength results to the engineer to determine approximate cure time required to meet minimum opening strength of 2500 PSI.
- (2) Cast grout cubes to verify opening strength nightly. Grout sample should be obtained from the final panel grouted at the point of placement. Dowel bar grout must meet a compressive strength of 2500 PSI prior to opening to traffic.
- (3) Cast grout cubes to test 28 day strength once per 50 panels grouted. Sample should be obtained randomly at point of placement. 28 day strength must meet 4500 PSI.

C Construction

C.1 Site Verification

Prior to precast concrete panel fabrication, verify site conditions in the areas proposed for the precast concrete pavement repair installations including verifications of lane widths, repair dimensions, and all other factors influencing fabrication and installation of the precast concrete pavement panels.

C.2 Mark Out

Layout transverse sawcuts with geometrically accurate templates.

C.3 Pre-fabrication Meeting

Convene a pre-fabrication meeting with the engineer, inspector, contractor, fabricator, contractor, system designer, and any other personnel requested by the engineer to review and coordinate the fabrication and inspection of the pavement slabs. Review allowable joint widths, surface matching, dowel bar layout, panel dimensions, and bedding details. Provide the department with documentation that the precast concrete panel fabricator and plant is certified by the department for precast products prior to or at this meeting. Schedule the meeting after the Department accepts the shop drawings and a minimum of 7 calendar days prior to the planned start of fabrication of the slabs.

C.4 Pre-Installation Meeting

Convene a pre-installation meeting with the engineer, inspector, contractor, fabricator, system designer, and any relevant subcontractors. Attendance is mandatory for the project superintendent, installation foreman, installation crew, sawing subcontractor, quality control manager, panel fabricator, system designer, and other engineer designated personnel. Review and coordinate all aspects of pavement removal, placement and inspection including equipment and personnel requirements. Schedule the meeting after the Department accepts the installation plan and a minimum of 7 calendar days prior to installation of the contractor test section.

If requested by the engineer, convene a follow-up meeting after installation of the contractor test section and prior to installation of the remaining panels to review any issues discovered during the test section.

C.5 Contractor Test Section

Fabricate and install up to 25 test panels of varying lengths in an outside travel lane. Complete installation of test panels or a portion thereof within a time period that matches the most restrictive center lane closure working periods. During the test panel installation, make modifications to the fabrication and installation instructions as directed by the department. If the installation process is rejected, provide an alternative method for precast panel installation and follow the test panel procedure outline in this article until department approval is granted. Do not proceed with sawcutting for or installation of any additional precast pavement repairs until the test panel installations are complete and the installation and performance process has been accepted by the department.

C.6 Precast Concrete Pavement Repairs

C.6.1 Sawing Concrete for Repairs

Do not saw repair areas more than seven days prior to pavement removal and installation of the new precast concrete pavement panel. Repair any pavement designated to remain in place that is damaged between sawing and pavement removal.

Additional sawing required at the time of precast panel installation due to the following is incidental to the contract:

- Previously sawed joints closing.
- Sawed area no longer matches the measured precast panel slab.
- Difficulty removing the existing slab.

C.6.2 Removing Existing Pavement

Complete all pavement removals in accordance to standard spec 416. Rubblization, breaking, or impact methods will not be allowed.

C.6.3 Verification of Existing Base Material and Base Leveling Course

Upon pavement removal, prepare the foundation in accordance to standard spec 211 prior to placing the base leveling course material. Removal and replacement of poor existing base material is incidental to the contract.

Install, compact, and grade base leveling course material to a plane required to position the panels to match the surrounding concrete pavement to an accuracy of plus or minus 1/8-inch. Use grading equipment and methods demonstrated in test panel installation. Do not exceed a total thickness of 1-inch of base leveling course material. Prior to placing the panels check the base surface with a 10-foot straight edge and a depth gage to ensure the required surface accuracy. Correct the variation of the surface of the base leveling course to 1/8-inch or less. Correct all areas of the base surface not conforming to this smoothness requirement prior to precast concrete pavement panel installation.

C.6.4 Precast Concrete Panel Installation

Prior to shipment of the precast panels and prior to placement on site, the contractor and engineer will inspect all precast panels to assure they are free of defects, cracks and damage, slab dimensions meet tolerance requirements, dowel bars or slots meet tolerances, and surface texture and finish matches existing pavement. The contractor is responsible for panel acceptability, but the engineer reserves the right to inspect, reject, or apply partial pay to panels not meeting this specification. No cracked or damaged installed panels will be allowed to remain in place prior to opening to daily traffic.

Follow handling and transportation of precast panels as instructed by the precast pavement system fabricator. Lift panels at designated points using fabricator approved inserts and procedures.

Do not tie precast panels to existing pavement.

For single panel repairs, center the new panel in the pre-measured sawcut void.

For multiple-panel repairs, mark out the leading edges of all panels to ensure proper placement and fit prior to placement of any panels. The marks shall account for proper joint widths as indicated on the panel layout drawing. Prior to placement of each panel, apply bond breaker to dowels, ends of the previously-placed panels, existing longitudinal joint, or existing pavement as indicated in the approved installation instructions.

Check the surface match between the new panel(s) to ensure it is within plus or minus 1/8-inch of each other vertically on all four sides. If the surface match exceeds this tolerance, remove the panel and regrade and recompact the base leveling course material such that the required surface tolerance is met. Grinding of the precast panels or adjacent existing pavement to achieve tolerances is prohibited.

Place panels such that the width of each transverse joint is 3/4-inch or less and each longitudinal joint is 3/4-inch in width or less.

C.6.5 Dowel Bars and Grouting

Install dowel bars as indicated in the approved fabrication and installation instructions, and in accordance to the standard specifications.

If allowed by manufacturer specification and approved by the engineer, and panel is reopened to traffic prior to bedding grout being placed, reset panel to specified tolerances prior to grouting.

Complete placement of dowel bar grout within 48-hours of initial panel placement (72 hours allowed if placed prior to a work stoppage such as a holiday or weekend). If adverse weather prevents grouting operations from being completed within the timeframe specified, complete as soon as weather permits. Place bedding grout after and the same night as dowel bar grout. Delineate and protect panels from construction traffic after grouting and prior to reopening to traffic.

C.6.6 Damage by Contractor

At no cost to the department, repair any damage to the precast concrete pavement due to the contractor's operations. Remove and replace panels that crack prior to grouting.

D Measurement

The department will measure Concrete Pavement Repair Precast and Concrete Pavement Replacement Precast by the square yard acceptably completed. Test panel areas will be measured for payment. The department will calculate quantities using the panel width times the panel length, as measured before grouting.

E Payment

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

ITEM NUMBER	DESCRIPTION	UNIT
SPV.0180.01	Concrete Pavement Repair Precast 12-Inch	SY
SPV.0180.02	Concrete Pavement Replacement Precast 12-Inch	SY

Payment is full compensation for removing and disposing of existing pavement; supply of all materials for and fabrication of precast concrete pavement panels; preparation of existing foundation in accordance to standard spec 211; providing base leveling materials; preparation and shaping of the leveling base; delivery, handling, and placement of the precast concrete pavement panels; furnishing and installing dowel bars (for multi-panel repairs), grouting dowel bars; furnishing and installing bedding grout; and for survey, layout and design of the panel system, shop drawings and required reports, presentations and meetings.

Sawing concrete, in accordance to Sawing Concrete Precast Panel Installation, and Drilled Dowel Bars will be paid separately.

16. Concrete Pavement Repair Overnight, Item SPV.0180.03; Concrete Pavement Replacement Overnight, Item SPV.0180.04.

A Description

This special provision describes construction of concrete pavement repair and replacement overnight in accordance to standard spec 416.

B Materials

Furnish calcium chloride in accordance with standard spec 416.2.1 (3).

B.1 Concrete Mixtures

Furnish SHES concrete conforming to standard spec 416.2.5 except replace standard spec 416.2.5.1(1) with the following:

Furnish air-entrained concrete conforming to standard spec 501 as modified for class II concrete in standard spec 716. Provide QMP for class II ancillary concrete as specified in standard spec 716. Determine materials and proportions of the concrete mixture to obtain a minimum compressive strength in the concrete of 2500 psi prior to reopening to traffic. The contractor may add one or a combination of admixtures to the ingredients or to the mixture in order to obtain the required minimum strength and required air content. Do not retemper the concrete mixture.

Replace standard spec 716.2.1 (2) with the following:

Perform random QC testing at the following frequencies:

1. Test air content a minimum of once per 100 cubic yards for each mix grade and placement method. Cast a minimum of one set of 2 cylinders per contract for each mix grade and placement method. Slump testing is not required.
2. Cast one set of 2 cylinder per 200 cubic yards for each mix grade and placement method. Random 28-day compressive strength cylinders are not required.

C Construction

Repair concrete pavement in accordance with standard spec 416.3.8 and as follows.

Supplement standard spec 416.3.8.2 with the following:

(4) Cure, protect and open as specified in standard spec 415.3.12 through standard spec 415.3.15. Disregard the opening to service requirements in standard spec 415.3.15 (2) to (3). The engineer will allow the contractor to open pavement to construction and public traffic when the concrete attains a verified compressive strength of 2500 psi.

Supplement standard spec 416.3.8.3 with the following:

(2) Disregard the opening to service requirements in standard spec 415.3.15 (2) to (3). The engineer will allow the contractor to open pavement to construction and public traffic when the concrete attains a verified compressive strength of 2500 psi.

D Measurement

The department will measure the Concrete Pavement Repair Overnight and Concrete Pavement Replacement Overnight bid items 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.0180.03	Concrete Pavement Repair Overnight	SY
SPV.0180.04	Concrete Pavement Replacement Overnight	SY

Payment is full compensation for furnishing, hauling, preparing, placing, curing, and protecting materials; for replacing damaged pavement designated to remain in place; for removing and disposing of existing pavements and excavated materials; for repairing asphaltic shoulders; for tooling joints; for preparing the foundation; for backfilling; and for testing concrete cylinders. The department will pay for individual repairs at least one lane wide and greater than 15 feet to less than 300 feet long as Concrete Pavement Replacement Overnight. Payment includes jointing and providing tie bars and dowel bars in unhardened concrete. The department will pay separately for associated work as follows:

- For tie bars and dowel bars provided in concrete not placed under the contract, exclusive of those necessary to repair contractor-caused damage, under the Drilled Tie Bars and Drilled Dowel Bars bid items.
- For sawing existing concrete for removal, under the Sawing Concrete bid item as specified in standard spec 690.5.

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:

450.3.2.1 General

Replace the entire text with the following effective with the January 2015 letting:

- (1) Do not place asphaltic mixture when the air temperature approximately 3 feet above grade, in shade, and away from artificial heat sources is less than 36 F for upper layers or 32 F for lower layers unless the engineer allows in writing. The contractor should place HMA pavement for projects on or north of STH 29 between May 1 and October 15 inclusive and for projects south of STH 29 between April 15 and November 1 inclusive. Notify the engineer at least one business day before paving.
 - (2) Unless the contract specifies otherwise, conform to the following:
 - Keep the road open to all traffic during construction.
 - Prepare the existing foundation for treatment as specified in 211.
 - Incorporate loose roadbed aggregate as a part of preparing the foundation, in shoulder construction, or dispose of as the engineer approves.
 - (3) Place asphaltic mixture only on a prepared, firm, and compacted base, foundation layer, or existing pavement substantially surface-dry and free of loose and foreign material. Do not place over frozen subgrade or base, or where the roadbed is unstable.
-

450.5 Payment

Replace the entire text with the following effective with the January 2015 letting:

- (1) All costs of furnishing, maintaining, and operating the truck scale or other weighing equipment and furnishing the weigh tickets are incidental to the contract.
 - (2) Nonconforming material allowed to remain in place is subject to price adjustment under 105.3.2.
 - (3) Full-depth sawing to remove integrally placed safety edge where not required is incidental to the contract.
 - (4) The contractor is responsible for pavement performance. If because of an excusable compensable delay under 108.10.3, the engineer directs the contractor to pave when the temperature is less than 36 F for the upper layer or less than 32 F for lower layers, the department:
 - Will relieve the contractor of responsibility for damage and defects the engineer attributes to cold weather paving.
 - Will not assess disincentives for density or ride.
-

455.3.2.1 General

Replace paragraphs one and two with the following effective with the January 2015 letting:

- (1) Apply tack coat only when the air temperature is 32 F or more unless the engineer approves otherwise in writing. Before applying tack coat ensure that the surface is dry and reasonably free of loose dirt, dust, or other foreign matter. Do not apply if weather or surface conditions are unfavorable or before impending rains.
- (2) Use tack material of the type and grade the contract specifies. The contractor may, with the engineer's approval, dilute tack material as allowed under 455.2.4. Provide calculations using the asphalt content as-received from the supplier and subsequent contractor dilutions to show that as-placed material has 50 percent or more residual asphalt content. Apply at 0.050 to 0.070 gallons per square yard, after dilution, unless the contract designates otherwise. The engineer may adjust the application rate based on surface conditions. Limit application each day to the area the contractor expects to pave during that day.

460.2.2.3 Aggregate Gradation Master Range

Replace paragraph one with the following effective with the December 2014 letting:

- (1) Ensure that the aggregate blend, including recycled material and mineral filler, conforms to the gradation requirements in table 460-1. The values listed are design limits; production values may exceed those limits.

TABLE 460-1 AGGREGATE GRADATION MASTER RANGE AND VMA REQUIREMENTS

SIEVE	PERCENTS PASSING DESIGNATED SIEVES						
	NOMINAL SIZE						
	37.5 mm	25.0 mm	19.0 mm	12.5 mm	9.5 mm	SMA 12.5 mm	SMA 9.5 mm
50.0-mm	100						
37.5-mm	90 – 100	100					
25.0-mm	90 max	90 - 100	100				
19.0-mm	—	90 max	90 - 100	100		100	
12.5-mm	—	—	90 max	90 - 100	100	90 - 97	100
9.5-mm	—	—	—	90 max	90 - 100	58 - 72	90 - 100
4.75-mm	—	—	—	—	90 max	25 - 35	35 - 45
2.36-mm	15 – 41	19 - 45	23 - 49	28 - 58	20 - 65	15 - 25	18 - 28
75-µm	0 – 6.0	1.0 - 7.0	2.0 - 8.0	2.0 - 10.0	2.0 - 10.0	8.0 - 12.0	10.0 - 14.0
% MINIMUM VMA	11.0	12.0	13.0	14.0 ^[1]	15.0 ^[2]	16.0	17.0

^[1] 14.5 for E-0.3 and E-3 mixes.

^[2] 15.5 for E-0.3 and E-3 mixes.

460.3.4 Cold Weather Paving

Add a new subsection as follows effective with the January 2015 letting:

460.3.4 Cold Weather Paving**460.3.4.1 Cold Weather Paving Plan**

- (1) Submit a written cold weather paving plan to the engineer at the preconstruction meeting. In that plan outline material, operational, and equipment changes for paving when the air temperature approximately 3 feet above grade, in shade, and away from artificial heat sources is less than 40 F. Include the following:
- Use a department-accepted HMA mix design that incorporates a warm mix additive from the department's approved products list. Do not use a foaming process.
 - Use additional rollers.

- (2) Engineer written acceptance is required for the cold weather paving plan. Engineer acceptance of the plan does not relieve the contractor of responsibility for pavement performance except as specified in 450.5(4).

460.3.4.2 Cold Weather Paving Operations

- (1) Do not place asphaltic mixture when the air temperature approximately 3 feet above grade, in shade, and away from artificial heat sources is less than 40 F unless a valid engineer-accepted cold weather paving plan is in effect.
- (2) If the national weather service forecast for the construction area predicts ambient air temperature less than 40 F at the projected time of paving within the next 24 hours, confirm or submit revisions to a previously engineer-accepted cold weather paving plan for engineer validation. Upon validation of the plan, the engineer will allow paving for the next day. Once in effect, pave conforming to the engineer-accepted cold weather paving plan for the balance of that work day or shift regardless of the temperature at the time of paving.

460.4 Measurement

Add paragraph two as follows effective with the January 2015 letting:

- (2) The department will measure HMA Cold Weather Paving by the ton of HMA mixture for pavement placed conforming to an engineer-accepted cold weather paving plan.

460.5.1 General

Revise paragraph one as follows effective with the January 2015 letting:

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

<u>ITEM NUMBER</u>	<u>DESCRIPTION</u>	<u>UNIT</u>
460.1100	HMA Pavement Type E-0.3	TON
460.1101	HMA Pavement Type E-1	TON
460.1103	HMA Pavement Type E-3	TON
460.1110	HMA Pavement Type E-10	TON
460.1130	HMA Pavement Type E-30	TON
460.1132	HMA Pavement Type E-30X	TON
460.1700	HMA Pavement Type SMA	TON
460.2000	Incentive Density HMA Pavement	DOL
460.4000	HMA Cold Weather Paving	TON

460.5.2.2 Disincentive for HMA Pavement Density

Revise paragraph two as follows effective with the January 2015 letting:

- (2) The department will not assess density disincentives for pavement placed in cold weather because of a department-caused delay as specified in 450.5(4).

460.5.2.4 Cold Weather Paving

Add a new subsection as follows effective with the January 2015 letting:

460.5.2.4 Cold Weather Paving

- (1) Payment for HMA Cold Weather Paving is full compensation for additional materials and equipment specified for cold weather paving under 460.3.4 including costs for preparing, administering, and following the contractor's cold weather paving plan.
- (2) If HMA pavement is placed under 460.3.4 and the HMA Cold Weather Paving bid item is not in the contract, the department will pay for the additional costs specified in 460.5.2.4(1) as extra work. The department will pay separately for HMA pavement under the appropriate HMA Pavement bid items.

465.2 Materials

Replace paragraph two with the following effective with the December 2014 letting:

- (2) Under the other section 465 bid items, the contractor need not submit a mix design. Furnish aggregates mixed with a type AC asphaltic material, except under the Asphaltic Curb bid item furnish PG58-28 asphaltic material. Use coarse and fine mineral aggregates uniformly coated and mixed with the asphaltic material in an engineer-approved mixing plant. The contractor may include reclaimed asphaltic pavement materials in the mixture.

Bid Items Added

Add the following new bid item effective with the January 2015 letting:

<u>ITEM NUMBER</u>	<u>DESCRIPTION</u>	<u>UNIT</u>
460.4000	HMA Cold Weather Paving	TON

Errata

Make the following corrections to the standard specifications:

501.3.2.4.4 Water Reducer

Correct errata by deleting the reference to footnote 6 for grade D concrete.

- (1) Add a water reducing admixture conforming to 501.2.3. Determine the specific type and rate of use based on the atmospheric conditions, the desired properties of the finished concrete and the manufacturer's recommended rate of use. The actual rate of use shall at least equal the manufacturer's recommended rate, and both the type and rate used require the engineer's approval before use.

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://www.dot.wi.gov/business/civilrights/laborwages/index.htm>

(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://www.dot.wi.gov/business/civilrights/laborwages/docs/crc-payroll-manual.pdf>

DECEMBER 2013

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://roadwaystandards.dot.wi.gov/standards/cmm/cm-02-28.pdf#cm2-28.5>

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://roadwaystandards.dot.wi.gov/standards/forms/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
DANE 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, 2014

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	32.01	17.35	49.36
Carpenter	30.48	15.90	46.38
Cement Finisher	33.51	16.13	49.64
Future Increase(s): Add \$1.87 on 6/1/14; 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	34.07	19.25	53.32
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	24.72	0.00	24.72
Ironworker	31.25	19.46	50.71
Line Constructor (Electrical)	38.25	17.31	55.56
Painter	21.87	11.37	33.24
Pavement Marking Operator	30.00	0.00	30.00
Piledriver	30.98	15.90	46.88
Roofer or Waterproofer	29.40	6.25	35.65
Teledata Technician or Installer	21.89	11.85	33.74
Tuckpointer, Caulker or Cleaner	35.25	13.15	48.40
Underwater Diver (Except on Great Lakes)	34.48	15.90	50.38
Heavy Equipment Operator - ELECTRICAL LINE CONSTRUCTION ONLY	34.43	15.24	49.67
Light Equipment Operator -ELECTRICAL LINE CONSTRUCTION ONLY	35.50	15.89	51.39
Heavy Truck Driver - ELECTRICAL LINE CONSTRUCTION ONLY	26.78	13.63	40.41
Light Truck Driver - ELECTRICAL LINE CONSTRUCTION ONLY	24.86	12.97	37.83

<u>TRADE OR OCCUPATION</u>	<u>HOURLY BASIC RATE OF PAY</u>	<u>HOURLY FRINGE BENEFITS</u>	<u>TOTAL</u>
	\$	\$	\$
Groundman - ELECTRICAL LINE CONSTRUCTION ONLY	21.75	12.70	34.45

TRUCK DRIVERS

Single Axle or Two Axle	34.22	19.90	54.12
Three or More Axle	24.52	17.77	42.29
Future Increase(s): Add \$1.30/hr on 6/1/2014. 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, Dumptror, Off Road Material Hauler	29.27	20.40	49.67
Future Increase(s): Add \$1.75/hr on 6/1/14; Add \$1.25/hr on 6/1/15; Add \$1.30/hr on 6/1/16; Add \$1.25/hr on 6/ 1/ 17. 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	23.31	17.13	40.44
Shadow or Pilot Vehicle	34.22	19.90	54.12
Truck Mechanic	23.31	17.13	40.44

LABORERS

General Laborer	29.32	14.63	43.95
Future Increase(s): Add \$1.60/hr on 6/1/2014. 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	24.36	14.44	38.80
Landscaper	29.32	14.63	43.95
Future Increase(s): Add \$1.60/hr on 6/1/14. 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).			
Flagperson or Traffic Control Person	25.67	14.63	40.30
Future Increase(s): Add \$1.60/hr on 6/1/2014. 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)	18.31	12.67	30.98
Railroad Track Laborer	23.46	3.30	26.76

<u>TRADE OR OCCUPATION</u>	<u>HOURLY BASIC RATE OF PAY</u>	<u>HOURLY FRINGE BENEFITS</u>	<u>TOTAL</u>
	\$	\$	\$
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). Future Increase(s): Add \$1.75/hr on 6/1/2014); 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 .	36.72	20.40	57.12
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. Future Increase(s): Add \$1.75/hr on 6/1/2014); 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 .	36.22	20.40	56.62
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 Truck Mounted Hydraulic Backhoe; Trencher (Wheel Type or Chain Type); Tube Finisher; Tugger (NOT Performing Work on the Great Lakes); Winches	35.72	20.40	56.12

<u>TRADE OR OCCUPATION</u>	<u>HOURLY BASIC RATE OF PAY</u>	<u>HOURLY FRINGE BENEFITS</u>	<u>TOTAL</u>
	\$	\$	\$

& A- Frames.			
Future Increase(s): Add \$1.75/hr on 6/1/2014); 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.	35.46	20.40	55.86
Future Increase(s): Add \$1.75/hr on 6/1/2014); 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 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.	35.17	20.40	55.57
Future Increase(s): Add \$1.75/hr on 6/1/2014); 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 .			

Fiber Optic Cable Equipment.	26.69	16.65	43.34

SCHEDULE OF ITEMS

REVISED:

CONTRACT:
20150414001PROJECT(S):
1001-00-64FEDERAL 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	213.0100 Finishing Roadway (project) 01. 1001-00-64	1.000 EACH	.	.	.	.
0020	416.0610 Drilled Tie Bars	431.000 EACH	.	.	.	.
0030	416.0620 Drilled Dowel Bars	7,584.000 EACH	.	.	.	.
0040	465.0110 Asphaltic Surface Patching	3.000 TON	.	.	.	.
0050	618.0100 Maintenance And Repair of Haul Roads (project) 01. 1001-00-64	1.000 EACH	.	.	.	.
0060	619.1000 Mobilization	1.000 EACH	.	.	.	.
0070	628.7020 Inlet Protection Type D	63.000 EACH	.	.	.	.
0080	642.5401 Field Office Type D	1.000 EACH	.	.	.	.
0090	643.0200 Traffic Control Surveillance and Maintenance (project) 01. 1001-00-64	70.000 DAY	.	.	.	.

SCHEDULE OF ITEMS

REVISED:

CONTRACT:
20150414001PROJECT(S):
1001-00-64FEDERAL ID(S):
N/A

CONTRACTOR : _____

LINE NO	ITEM DESCRIPTION	APPROX. QUANTITY AND UNITS	UNIT PRICE		BID AMOUNT	
			DOLLARS	CTS	DOLLARS	CTS
0100	643.0300 Traffic Control Drums	54,250.000 DAY	.		.	
0110	643.0420 Traffic Control Barricades Type III	2,850.000 DAY	.		.	
0120	643.0705 Traffic Control Warning Lights Type A	5,750.000 DAY	.		.	
0130	643.0715 Traffic Control Warning Lights Type C	6,000.000 DAY	.		.	
0140	643.0800 Traffic Control Arrow Boards	200.000 DAY	.		.	
0150	643.0900 Traffic Control Signs	3,250.000 DAY	.		.	
0160	643.0920 Traffic Control Covering Signs Type II	150.000 EACH	.		.	
0170	643.1050 Traffic Control Signs PCMS	156.000 DAY	.		.	
0180	646.0106 Pavement Marking Epoxy 4-Inch	1,979.000 LF	.		.	
0190	646.0126 Pavement Marking Epoxy 8-Inch	5,156.000 LF	.		.	
0200	690.0250 Sawing Concrete	10,353.000 LF	.		.	

SCHEDULE OF ITEMS

REVISED:

CONTRACT:
20150414001PROJECT(S):
1001-00-64FEDERAL ID(S):
N/A

CONTRACTOR : _____

LINE NO	ITEM DESCRIPTION	APPROX. QUANTITY AND UNITS	UNIT PRICE		BID AMOUNT	
			DOLLARS	CTS	DOLLARS	CTS
0210	SPV.0060 Special 01. Removing Raised Pavement Markers And Filling Voids	1,481.000 EACH	.		.	
0220	SPV.0060 Special 02. Mobilization For Asphaltic Surface Patching	2.000 EACH	.		.	
0230	SPV.0060 Special 03. Repositioning Traffic Control Devices For Closures	50.000 EACH	.		.	
0240	SPV.0090 Special 01. Sawing Concrete Precast Panel Installation	8,030.000 LF	.		.	
0250	SPV.0180 Special 01. Concrete Pavement Repair Precast 12-Inch	1,645.000 SY	.		.	
0260	SPV.0180 Special 02. Concrete Pavement Replacement Precast 12-Inch	207.000 SY	.		.	
0270	SPV.0180 Special 03. Concrete Pavement Repair Overnight	2,100.000 SY	.		.	
0280	SPV.0180 Special 04. Concrete Pavement Replacement Overnight	510.000 SY	.		.	
	SECTION 0001 TOTAL				.	
	TOTAL BID				.	

PLEASE ATTACH SCHEDULE OF ITEMS HERE