

# HIGHWAY WORK PROPOSAL

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

Proposal Number:

18

COUNTY	STATE PROJECT ID	FEDERAL PROJECT ID	PROJECT DESCRIPTION	HIGHWAY
SE Regionwide Milwaukee, Walworth, Washington	1000-19-89		Sign Bridge Replacement 2013	Various Highways

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

Proposal Guaranty Required, \$ 40,000.00 Payable to: Wisconsin Department of Transportation	Attach Proposal Guaranty on back of this PAGE.
Bid Submittal Due Date: May 14, 2013 Time (Local Time): 9:00 AM	Firm Name, Address, City, State, Zip Code
Contract Completion Time Ninety (90) Working Days	<b>SAMPLE NOT FOR BIDDING PURPOSES</b>
Assigned Disadvantaged Business Enterprise Goal 0 %	This contract is exempt from federal oversight.

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

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

Subscribed and sworn to before me this date \_\_\_\_\_

\_\_\_\_\_  
(Signature, Notary Public, State of Wisconsin)

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

\_\_\_\_\_  
(Date Commission Expires)

Notary Seal

\_\_\_\_\_  
(Bidder Signature)

\_\_\_\_\_  
(Print or Type Bidder Name)

\_\_\_\_\_  
(Bidder Title)

## For Department Use Only

Type of Work Sign bridge replacement.	
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](http://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)



**FEBRUARY 1999**

**LIST OF SUBCONTRACTORS**

Section 66.29(7), Wisconsin Statutes, provides that a bidder, as a part of his proposal, shall submit a list of the subcontractors he proposes to contract with and the class of work to be performed by each, provided that to qualify for such listing each subcontractor must first submit his bid in writing to the general contractor at least 48 hours prior to the time of bid closing. It further provides that a proposal of a bidder shall not be invalid if any subcontractor, and the class of work to be performed by such subcontractor, has been omitted from a proposal.

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.

<b>Name of Subcontractor</b>	<b>Class of Work</b>	<b>Estimated Value</b>
_____	_____	_____
_____	_____	_____
_____	_____	_____
_____	_____	_____
_____	_____	_____
_____	_____	_____
_____	_____	_____



**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 1000-19-89, Sign Bridge Replacement 2013 on I 43 and STH 145 located in Milwaukee County, STH 12 located in Walworth County, and USH 41 located in Washington 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, 2013 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 (20120615)

### **2. Scope of Work.**

The work under this contract shall consist of replacement of existing sign bridges with new sign bridges and all incidental items necessary to complete the work as shown on the plans and included in the proposal and contract.

104-005 (20090901)

### **3. Prosecution and Progress.**

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

Provide the time frame for construction of the project within the 2013 construction season to the engineer in writing within a month after executing the contract but at least 14 calendar days before the preconstruction conference. Assure that the time frame is consistent with the contract completion time. Upon approval, the engineer will issue the notice to proceed within ten calendar days before the beginning of the approved time frame.

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

*Supplement standard spec 108.11 as follows:*

### **Lane Rental Assessment**

This contract includes a procedure for a lane rental charge under which the contractor is assessed a rental charge for a lane closure that extends beyond this contract's approved Night Time Hours or Off-Peak Hours. A lane closure will be defined as any part or whole of a lane closed in one direction. If a lane is obstructed at any time due to contractor operations, it is considered a closure. The purpose of the lane rental assessment is to discourage unnecessary closures, especially during weekday peak hours.

The hourly rental rate will be assessed for each lane closure as follows:

Closure Type	Weekday Peak Hours for Mainline and Service or Directional Ramps Hourly Rental per Lane	Weekday Peak Hours and Off Peak Hours for System to System Ramps Hourly Rental per Lane
Lane Closure	\$3000	\$5000

The monetary amount represents the average hourly cost of the interference and inconvenience to the road user for each lane closure.

A weekday is defined as the time period from 12:00 AM on any Monday to 11:59 PM on any Friday of a given week. Weekday peak hours are defined under the Traffic Article.

The rental will be assessed in 15-minute increments for closure time periods equal to or less than 60 minutes in length. All closure durations will be rounded up to the nearest quarter hour for the purpose of this computation. Deductions will be made from the monies due to the contractor based on the hourly rental rate for the closure type and hourly definition that the non-compliant closure occurs. The deduction will be made based on the applicable rate for any and all closures whether work is being performed or not. The engineer, or designated representative, will be the sole authority in determining time period length for the lane rental charge.

Lane rental will not be assessed for closures due to crashes, accidents, or emergencies.

The department will administer the lane rental assessment under the administrative item 801.0104 Failing to Open Road to Traffic.

## **4. Traffic.**

At no time, lift or erect signs over live traffic lanes.

## **IH-43**

### **Definitions**

The following definitions shall apply to this contract:

#### **Peak Hours**

5:00 AM – 9:30 PM Monday, Tuesday, Wednesday, and Thursday

5:00 AM – 11:00 PM Friday

#### **Night Time Hours**

9:30 PM – 5:00 AM (Sunday PM to Monday AM, Monday PM to Tuesday AM, Tuesday PM to Wednesday AM, Wednesday PM to Thursday AM, Thursday PM to Friday AM)

### **IH-43 Work Restrictions**

All lanes of the freeway shall be entirely clear and open to traffic at all times during Peak Hours. Dual lane operations and single lane operations are only permitted during Night Time Hours pending approval of the engineer. Shoulder closure will be allowed between 9:00 AM and 2:30 PM Monday through Friday or during night time hours. Lane closures shall be in accordance to the standard detail drawings (SDD) and have the approval of the engineer and the SE Region Work Zone Engineer (262) 548-6730.

### **STH 145/USH 12/USH 41 Work**

#### **Definitions**

The following definitions shall apply to this contract:

#### **Peak Hours**

6:30 AM – 9:00 AM Monday, Tuesday, Wednesday, Thursday, and Friday

3:00 PM – 7:00 PM Monday, Tuesday, Wednesday, and Thursday

#### **Off-Peak Hours**

9:00 AM – 3:00 PM Monday, Tuesday, Wednesday, Thursday

9:00 AM – 12:00 PM Friday

7:00 PM – 6:30 AM The next day, Monday, Tuesday, Wednesday, Thursday

### **STH 145/USH 12/USH 41 Work Restrictions**

During Peak Hours and Off-Peak Hours it shall be permitted to maintain two lanes open to traffic pending approval of the engineer. Only during Off-Peak Hours shall it be permitted to maintain one lane open to traffic pending the approval of the engineer. Lane closures shall be in accordance to the standard detail drawings (SDD) and have the approval of the engineer and the SE Region Work Zone Engineer (262) 548-6730.

### **General Requirements**

The work included under this contract requires new sign bridges. These are spelled out in each quantity item section of the plan. If the freeway mainline or any highway must be closed for 15 minutes or less, do so only between the hours of 1:00 AM – 4:00 AM. Give the engineer at least 7 working days advance notice for such required freeway closure. Coordinate the closure with the County Sheriff's Departments and the Wisconsin State Patrol.

System to system ramp closures shall only be allowed during nighttime work hours.

Service interchange ramp closures shall be allowed during nighttime and off-peak work hours.

Service interchange ramp closures shall be posted 3 calendar days in advance.

System interchange ramp closures shall be posted 7 calendar days in advance.

No two consecutive on or off ramps shall be closed at the same time.

All lanes of on, off, and system interchange ramps shall be completely free of traffic control devices during peak hours. During off peak hours, ramps may be reduced to one 12-foot lane. Ramps may be closed during off peak hours with the prior approval of the engineer and only for the minimum time required to complete the work. It is required to post the ramps with signs as required above.

Failure to not have lanes open to traffic and all traffic control devices associated with the lane or shoulder closure removed during the above restriction will be assessed a lane rental charge according to the Prosecution and Progress article of these special provisions.

### **Advance Notification.**

Provide the following minimum advance notification to the engineer for incorporation into the Wisconsin Lane Closure System.

Service or Directional Ramp closures	3 business days
System Ramp closures	7 calendar days
Lane closures	3 business days
Full Freeway Closures	14 calendar days
Detours	14 calendar days

Notify the engineer and SE Region Work Zone Engineer (262) 548-6730 if there are any changes in the schedule, early completions, or cancellations of scheduled work.

During periods of no construction, the full width of all freeway mainline and ramp pavements shall be open to traffic.

To the extent possible, confine work operations to an off highway or shoulder location without encroachment on traffic lanes and in such a manner as to interfere as little as possible with freeway traffic.

The contractor will be allowed access to the project only at interchange locations. At all times confine operations within the delineated areas in such a manner as will cause a minimum inconvenience to traffic. Remove the traffic control devices from traffic lanes and shoulder areas when construction operations are suspended each day.

Vehicles belonging to the contractor's employees shall not be parked or stored on or adjacent to freeway mainline or ramp roadway. Do not park or store equipment or material not being used during actual performance of the work within the right-of-way unless otherwise approved by the engineer.

All vehicles or equipment which are operated on the roadway pavement or shoulders shall be equipped with a flashing yellow light which shall be in operation when the vehicle is operating at speeds less than the speed of the normal traffic.

Coordinate the work schedule with special events such as Summerfest, Milwaukee Brewer's Home Games, State Fair and other work schedules. No work is allowed within areas affected by special events.

## **5. Holiday Work Restrictions.**

Do not perform work on, nor haul materials of any kind along or across any portion of the highway carrying live 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 noon Friday, March 29, 2013 to 6:00 AM Tuesday, April 2, 2013 for Easter;
- From noon Friday, May 24, 2013 to 6:00 AM Tuesday, May 28, 2013 for Memorial Day;
- From noon Friday June 28, 2013 to 6:00 AM Friday July 5, 2013 for Independence Day;
- From noon Friday, August 30, 2013 to 6:00 AM Tuesday, September 3, 2013 for Labor Day.

107-005 (20050502)

## **6. Utilities.**

This contract comes under the provision of Administrative Rule Trans 220. Any overhead and underground facilities will be accommodated to avoid any conflicts. The department has determined that the scope of work for this project will not impact, interfere or unduly conflict with existing utilities within the project limits, and to follow the TRANS 220 requirements would be un-beneficial.

There are overhead and underground utility facilities located within the project limits. There are no known adjustments anticipated for this construction project. Coordinate construction activities with a call to Diggers Hotline or a direct call to the utilities which have facilities in the area as required per statutes. Maintain code clearances from overhead and underground facilities at all times.

It may be necessary for the contractor, as directed by the engineer, to make adjustments in the location of certain sign bridges (bases-service connections to sign bridges) when it becomes evident that a utility conflict could occur.

Bidders are advised to contact each utility company listed in the plans prior to preparing their bids, to obtain current information on the status of any utility within the project work limits.

## **7. Work by Others.**

Some maintenance, utility, or construction work may be under way on portions of highways on which work is indicated under this contract. When maintenance, utility work, or construction is in progress or will be performed that affects the work under the contract, the engineer shall determine if the contract shall defer installation to a later date, or eliminate the installation from this contract.

## **8. Sign Bridge Removal, (General).**

Do not remove existing sign bridges and signs until the respective new sign bridge and signs are in place. Install new Type I signs and move Type II signs to new sign bridge immediately following (within 12 hours) installation of the new truss.

Store new sign bridges offsite since there is not sufficient right-of-way on site outside the clear zone.

## **9. Removing Concrete Barrier, Item 204.9090.S.01.**

### **A Description**

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

### **B (Vacant)**

### **C (Vacant)**

### **D Measurement**

The department will measure Removing Concrete Barrier by the linear feet, acceptably completed.

**E Payment**

*Supplement standard spec 204.5 to include the following:*

ITEM NUMBER	DESCRIPTION	UNIT
204.9090.S.01	Removing Concrete Barrier	LF
204-025 (20041005)		

**10. Removing Sand Barrels and Concrete Pad, Item 204.9105.S.01.****A Description**

This special provision describes removing Sand Barrel and Concrete Pad in accordance to the pertinent provisions of standard spec 204 and as hereinafter provided.

**B (Vacant)****C (Vacant)****D Measurement**

The department will measure Removing Sand Barrels and Concrete Pad by a single lump sum unit of work for removal, acceptably completed.

**E Payment**

Supplement subsection 204.5 of the standard specifications to include the following:

ITEM NUMBER	DESCRIPTION	UNIT
204.9105.S.01	Removing Sand Barrels and Concrete Pad	LS
204-025 (20041005)		

**11. Sign Supports Concrete Masonry.**

*Add the following to standard spec 636.3.2:*

(3) The contractor is responsible for drilling or excavating and maintaining a stable open excavation for subsequent installation of drilled footings for sign structure foundations as shown in the plans. The subsurface conditions vary across the project site and are not necessarily the same at each sign structure foundation in the project. Anticipate the possibility of encountering randomly interlaced seams of loose, permeable sand or gravel of substantial thickness situated within glacial clays and till deposits; saturated soils; ground water; isolated cobbles or boulders; and nested cobbles and boulders at any sign structure foundation when selecting equipment and methods for drilling or otherwise excavating. Partial or full depth temporary casing may be required to maintain the stability of the excavation prior to placement of reinforcement and filling the excavation with concrete.

The contractor is strongly advised to obtain and review the Geotechnical Exploration and Foundation Evaluation Reports for the sign structures and as well as nearby structures to the sign structure foundation being constructed. See article "Geotechnical Investigation



Information” in these special provisions for information on obtaining geotechnical reports.

*Add the following paragraph to standard spec 636.3.3:*

(8) For drilled foundations, no more than 3 inches of standing water is permitted in the bottom of the drilled excavation immediately prior to placing concrete masonry in the excavation.

*Replace standard spec 636.5.2(1) with the following:*

Payment for Sign Supports Concrete Masonry is full compensation for providing, transporting, placing and curing the concrete; for providing and removing casing if applicable; for providing required ground rods; for furnishing all required excavating; for placing post stubs or anchor bolts, and for providing and placing electrical conduit if required; for pumping of ground water seepage if applicable; for cleaning up, repairing damage, and for disposing of excavation and surplus materials.

## **12. Signs Type I and II.**

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

*Modify standard spec 637.2.4 with the following:*

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

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

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

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

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

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

*Append standard spec 637.3.2.1(3) with the following:*

Provide the engineer with 3 copies of drawings of the signs proposed to be furnished under this contract for approval.

*Append standard spec 637.3.3.2(2) with the following:*

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

*Append standard spec 637.3.3.3(3) with the following:*

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

### **13. Traffic Control.**

*Supplement the requirements of standard spec 643 with the following:*

At all locations where concrete barrier is removed or new sign structure footings are constructed and a hazardous condition exists before permanent protection is in place, the contractor shall install temporary protection in accordance the MUTCD and all applicable state and federal regulations. It is the contractors responsibility to install and maintain the temporary protection until the permanent protection is in place and operational.

Install appropriate advance warning signs in accordance to standard spec 643. Location, sign shape, message and color shall be in accordance to the plan, part VI of the Manual on Uniform Traffic Control Devices and as directed by the engineer in the field.

Mask-out or turn away from the traffic view all traffic control signs when not in use as designated by the engineer.

Should work operations, in the opinion of the engineer, require freeway lane closures, close such lanes in accordance to the following:

Prior to beginning daily construction operations, furnish, place and maintain traffic devices at the work areas as prescribed in the plan, in conformance with Part VI of the Manual on Traffic Control Devices, and as approved by the engineer.

For daytime work, in lieu of drums, channelizing devices may be 28-inch high cones with a weighted base designed and manufactured specifically for the cones furnished. Place cones no further than 50 feet apart.

Provide two Type C portable self-contained flashing arrow boards designed to warn the motorists of lane closures. Place one of the flashing arrow boards in the area of the taper section for lane closure and one on the adjacent shoulder preceding the taper section as directed by the engineer. Do not operate the flashing arrow board when work is confined to the shoulder area without encroachment on traffic lanes.

The cost of flashing arrow boards, when required, shall be incidental to the bid item, Traffic Control, and will not be measured or paid for separately.

When the flashing arrow boards are not in use, remove them from the job site or turn them away so they are not visible to traffic in either direction.

Do not park or store any equipment, vehicles or construction materials within the clear zone, i.e., 34 feet of the edge of the traffic lane of any roadway carrying freeway traffic during non-working hours except at locations and periods of time approved by the engineer. At such locations, ensure that the materials and equipment involved do not constitute a hazard to the traveling public.

No equipment or vehicles will be permitted to directly cross the live traffic lanes of the freeway. All construction vehicles shall yield to all through traffic at all locations. Equip all contractor vehicles or equipment operating in the live traffic lanes with a hazard identification beam (flashing yellow signal light, minimum diameter). The flashing yellow light shall be activated when merging into or exiting a live traffic lane.

Do not use flag persons to direct, control or stop freeway traffic.

Do not disturb, remove or obliterate any traffic control signs, advisory signs, shoulder delineators or beam guard in place along the traveled roadways without the approval of the engineer.

Have available at all times sufficient experienced personnel to promptly install, remove, and reinstall the required traffic control devices and to route traffic in order to perform the operations.

Traffic Control shall be measured and paid for as a unit of work. Traffic cones, signs, flashing lights and arrow boards will be incidental to Traffic Control and will not be paid separately.

## **14. Highway Lighting Systems.**

### **General**

*Append standard spec 651 and standard spec 655 as follows:*

### **Branch Circuit Tagouts**

Any circuit that the contractor does not personally tag out at the disconnect shall be considered live, and will be subject to being activated by another person with no notice to the contractor. Make tagouts with manufactured tags, and endorse them with the date and the name of the contractor. Clear tagouts at the end of the workday.

### **Removals**

Removal or abandonment of cable or wire will be incidental to the paid items.

Removal and disposal of sign lighting will be incidental to the paid items, except that lamp disposal will be measured for payment.

### **Shop Locations**

Materials indicated to be returned to the department shall be hauled to State Electrical Shop, 935 South 60th Street, West Allis.

The following modifications are made to standard specifications and standard detail drawings as they apply to state-owned highway lighting.

### **State Electrical Shops**

For materials to be returned to the department, deliveries shall be scheduled three working days in advance so as to occur during normal business hours Monday through Thursday. Contact Mr. Mike Prebish at (414) 266-1170.

State electrical shops are located in West Allis and in Wauwatosa, Milwaukee County.

### **Removal of Sign Structures**

No payment will be made for electrical disconnection of sign structures to be removed. Build those costs into sign bridge removal items.

If a sign structure is to be removed, electrical parts attached to the sign structure will be considered scrap, with no payment for their removal, unless the contract includes pay items for salvaging or stockpiling selected electrical pieces.

### **Outdoor Conductors**

*The following modifications are made to standard spec 655:*

There will be no measurement for payment for abandoning conductors or removing conductors for scrap, and for making good the remaining circuit.

Wet location splices shall be made up with approved epoxy kits. Wet location splices will be allowed only where shown in the plans.

**Protocol for Access to and Switching of Lighting Circuits**

The department does not employ a load dispatcher and has no intent to do so. Each electrical worker is responsible for his/her own protection from automatic switching and from switching by others. Conform to lock-out and tag-out rules that apply in the industry. Tags shall be signed and dated, and include the name of the contractor. If possible, clear lock-outs and tag-outs by the end of the work day. If not possible, notify the engineer.

**15. Pull Boxes Steel 24x36-Inch Grounded, Item SPV.0060.01.**

**A Description**

The work under this item shall consist of furnishing and installing grounded pull boxes for existing grounded neutral freeway lighting systems.

**B Materials**

Conform to standard spec 653.2.1. Also furnish and install a 5/8-inch x 8-foot grounding electrode.

**C Construction**

Conform to standard spec 653.3(1). In addition, drive the grounding electrode into the grade at the bottom of the pull box. Bond the neutral wires to the grounding electrode with an exothermic weld.

**D Measurement**

The department will measure Pull Boxes Steel 24x6-Inch Grounded by each individual unit, acceptably completed.

**E Payment**

The department will pay for the measured quantities under the following bid item:

ITEM NUMBER	DESCRIPTION	UNIT
SPV.0060.01	Pull Boxes Steel 24x36-Inch Grounded	Each

Payment is full compensation according to standard spec 653.5(2).

**16. Lamp Disposal High Intensity Discharge, Item SPV.0060.02.**

**A Description**

This special provision describes the packaging and delivering of high intensity discharge (mercury vapor, metal halide, and high-pressure sodium) lamps removed under this contract to the department for disposal as hazardous materials.

## **B Materials**

Lamps turned in to the department will be considered the property of the department for proper future disposal, and the contractor will have no further obligation for their disposal.

## **C Construction**

Pack intact lamps in the packaging of the new lamps used to replace them, or packaging affording the equivalent protection. Place in full, stackable cartons with the name of the contractor written on each carton. Segregate the lamps by type and wattage. Label each carton by the type and wattage contained (do not mix) and the quantity.

Pack broken lamps into thick plastic bags and place inside sturdy cardboard boxes or the equivalent. Mark the outer packaging with the term "broken lamps". Deliver all broken lamps to the department.

The department will not accept lamps improperly packaged or packed in metal containers. The department will reject any lamps not removed as part of a contract pay item or otherwise required under this contract.

Pile cartons no more than two high if palletized and secure them to prevent shifting or falling of the loads.

Deliver the lamps to the department at the South 60<sup>th</sup> Street office in West Allis. Consolidate all deliveries into a truckload or more, except when all the lamps removed under a contract measure less than a truckload, deliver as one load at one time. Contact Michael Prebish at (414) 266-1170, Monday through Thursday from 8:00 AM to 4:00 PM to set up an appointment for delivery.

## **D Measurement**

The department will measure Lamp Disposal High Intensity Discharge as each individual unit delivered to the department, acceptably completed. The department will not measure broken lamps that exceed a total of ten percent of all lamps to be delivered.

## **E Payment**

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

ITEM NUMBER	DESCRIPTION	UNIT
SPV.0060.02	Lamp Disposal High Intensity Discharge	Each

Payment is full compensation for handling, packaging, labeling and delivering the lamps. Payment will be in addition to payment for the work under which the lamps are removed from service.

## **17. Removing Sign Bridge S-40-74, Item SPV.0105.01.**

### **A Description**

This special provision describes removing the sign panel, sign panel support I-beams, sign luminaire units, electrical conduits, miscellaneous electrical items, the sign bridge catwalk, the sign bridge four-chord aluminum truss, the sign bridge aluminum double post towers, the concrete footings, concrete drilled shafts, and all landscaping necessary to restore the affected site from construction activity, at the location shown on the plans, as directed by the engineer, and as hereinafter provided.

### **B (Vacant)**

### **C Construction**

Prior to removing the sign bridge, notify Milwaukee County to disconnect the electrical power. Remove or abandon electrical branch circuits as shown on the lighting plans. All electrical parts attached to the sign structure will be considered scrap unless the contract includes pay items for salvaging or stockpiling selected electrical pieces.

Any erosion control necessary as directed by the engineer shall be installed per the requirements of standard spec 628.

Do not remove the existing sign bridge and signs until the new sign bridge and signs have been installed.

Remove the concrete footings and concrete drilled shafts in accordance to standard spec 204.

Properly dispose of all components including the truss, towers, catwalk, electrical conduits, miscellaneous electrical items, concrete footings, and drilled shafts off the project site.

Restore all areas disturbed by construction activities to the original grade lines with topsoil and seed and mulch the topsoil. Topsoil, seed, and mulch shall meet the requirements of standard spec 625, standard spec 630, and standard spec 627, respectively.

### **D Measurement**

The department will measure Removing Sign Bridge S-40-74 as a single lump sum unit of work for each sign bridge, acceptably completed.

### **E Payment**

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

ITEM NUMBER	DESCRIPTION	UNIT
SPV.0105.01	Removing Sign Bridge S-40-74	LS

Payment is full compensation for erosion control, disassembling and removing the sign bridge and all attached components, removing the concrete footings and drilled shafts, storing and protecting materials on the project site, returning salvaged materials to the department; properly disposing of materials not salvaged, restoring areas disturbed by construction activities.

## **18. Removing Sign Bridge S-40-76, Item SPV.0105.02.**

### **A Description**

This special provision describes removing the sign panel, sign panel support I-beams, sign luminaire units, electrical conduits, miscellaneous electrical items, the sign bridge catwalk, the sign bridge four-chord aluminum truss, the sign bridge aluminum double post towers, the concrete footings, concrete drilled shafts, and all landscaping necessary to restore the affected site from construction activity, at the location shown on the plans, as directed by the engineer, and as hereinafter provided.

### **B (Vacant)**

### **C Construction**

Prior to removing the sign bridge, notify Milwaukee County to disconnect the electrical power. Remove or abandon electrical branch circuits as shown on the lighting plans. All electrical parts attached to the sign structure will be considered scrap unless the contract includes pay items for salvaging or stockpiling selected electrical pieces.

Any erosion control necessary as directed by the engineer shall be installed per the requirements of standard spec 628.

Do not remove the existing sign bridge and signs until the new sign bridge and signs have been installed.

Remove the concrete footings and concrete drilled shafts in accordance to section 204 of the standard specifications.

Properly dispose of all components including the truss, towers, catwalk, electrical conduits, miscellaneous electrical items, concrete footings, and drilled shafts off the project site.

Restore all areas disturbed by construction activities to the original grade lines with topsoil and seed and mulch the topsoil. Topsoil, seed, and mulch shall meet the requirements of standard spec 625, standard spec 630, and standard spec 627, respectively.

### **D Measurement**

The department will measure Removing Sign Bridge S-40-76 as a single lump sum unit of work for each sign bridge, acceptably completed.



**E Payment**

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

ITEM NUMBER	DESCRIPTION	UNIT
SPV.0105.02	Removing Sign Bridge S-40-76	LS

Payment is full compensation for erosion control, disassembling and removing the sign bridge and all attached components, removing the concrete footings and drilled shafts, storing and protecting materials on the project site, returning salvaged materials to the department; properly disposing of materials not salvaged, restoring areas disturbed by construction activities.

**19. Removing Sign Bridge S-40-169, Item SPV.0105.03.****A Description**

This special provision describes removing the sign panel, sign panel support I-beams, the sign bridge four-chord aluminum truss, the sign bridge aluminum double post towers, the concrete footings, concrete drilled shafts, and all landscaping necessary to restore the affected site from construction activity, at the location shown on the plans, as directed by the engineer, and as hereinafter provided.

**B (Vacant)****C Construction**

Any erosion control necessary as directed by the engineer shall be installed per the requirements of standard spec 628.

Do not remove the existing sign bridge and signs until the new sign bridge and signs have been installed.

Notify the engineer of any damage to sign panels prior to removing the sign panels. Protect the sign panels and attached support I-beams from damage while moving them. Any damage to the sign panels and attached support I-beams while being moved will be repaired or replaced by the contractor at the contractor's expense.

Remove the concrete footings and concrete drilled shafts in accordance to standard spec 204.

Properly dispose of all components including the truss, towers, catwalk, electrical conduits, miscellaneous electrical items, concrete footings, and drilled shafts off the project site.

Restore all areas disturbed by construction activities to the original grade lines with topsoil and seed and mulch the topsoil. Topsoil, seed, and mulch shall meet the requirements of standard spec 625, standard spec 630, and standard spec 627, respectively.

**D Measurement**

The department will measure Removing Sign Bridge S-40-169 as a single lump sum unit of work for each sign bridge, acceptably completed.

**E Payment**

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

ITEM NUMBER	DESCRIPTION	UNIT
SPV.0105.03	Removing Sign Bridge S-40-169	LS

Payment is full compensation for erosion control, disassembling and removing the sign bridge and all attached components, removing the concrete footings and drilled shafts, storing and protecting materials on the project site, returning salvaged materials to the department; properly disposing of materials not salvaged, restoring areas disturbed by construction activities.

**20. Removing Sign Bridge S-64-7, Item SPV.0105.04.****A Description**

This special provision describes removing the sign panel, sign panel support I-beams, the sign bridge four-chord aluminum truss, the sign bridge aluminum double post towers, the concrete footings, concrete drilled shafts, and all landscaping necessary to restore the affected site from construction activity, at the location shown on the plans, as directed by the engineer, and as hereinafter provided.

**B (Vacant)****C Construction**

Any erosion control necessary as directed by the engineer shall be installed per the requirements of standard spec 628.

Do not remove the existing sign bridge and signs until the new sign bridge and signs have been installed.

Notify the engineer of any damage to sign panels prior to removing the sign panels. Protect the sign panels and attached support I-beams from damage while moving them. Any damage to the sign panels and attached support I-beams while being moved will be repaired or replaced by the contractor at the contractor's expense.

Remove the concrete footings and concrete drilled shafts in accordance to standard spec 204.

Properly dispose of all components including the truss, towers, catwalk, electrical conduits, miscellaneous electrical items, concrete footings, and drilled shafts off the project site.

Restore all areas disturbed by construction activities to the original grade lines with topsoil and seed and mulch the topsoil. Topsoil, seed, and mulch shall meet the requirements of standard spec 625, standard spec 630, and standard spec 627, respectively.

**D Measurement**

The department will measure Removing Sign Bridge S-64-7 as a single lump sum unit of work for each sign bridge, acceptably completed.

**E Payment**

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

ITEM NUMBER	DESCRIPTION	UNIT
SPV.0105.04	Removing Sign Bridge S-64-7	LS

Payment is full compensation for erosion control, disassembling and removing the sign bridge and all attached components, removing the concrete footings and drilled shafts, storing and protecting materials on the project site, returning salvaged materials to the department; properly disposing of materials not salvaged, restoring areas disturbed by construction activities.

**21. Removing Sign Bridge S-40-170, Item SPV.0105.05.**

**A Description**

This special provision describes removing the sign panel, sign panel support I-beams, the sign bridge four-chord aluminum truss, the sign bridge aluminum double post towers, the concrete footings, concrete drilled shafts, and all landscaping necessary to restore the affected site from construction activity, at the location shown on the plans, as directed by the engineer, and as hereinafter provided.

**B (Vacant)**

**C Construction**

Any erosion control necessary as directed by the engineer shall be installed per the requirements of standard spec 628.

Do not remove the existing sign bridge and signs until the new sign bridge and signs have been installed.

Notify the engineer of any damage to sign panels prior to removing the sign panels. Protect the sign panels and attached support I-beams from damage while moving them. Any damage to the sign panels and attached support I-beams while being moved will be repaired or replaced by the contractor at the contractor's expense.

Remove the concrete footings and concrete drilled shafts in accordance to standard spec 204.

Properly dispose of all components including the truss, towers, catwalk, electrical conduits, miscellaneous electrical items, concrete footings, and drilled shafts off the project site.

Restore all areas disturbed by construction activities to the original grade lines with topsoil and seed and mulch the topsoil. Topsoil, seed, and mulch shall meet the requirements of standard spec 625, standard spec 630, and standard spec 627, respectively.

#### **D Measurement**

The department will measure Removing Sign Bridge S-40-170 as a single lump sum unit of work for each sign bridge, acceptably completed.

#### **E Payment**

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

ITEM NUMBER	DESCRIPTION	UNIT
SPV.0105.05	Removing Sign Bridge S-40-170	LS

Payment is full compensation for erosion control, disassembling and removing the sign bridge and all attached components, removing the concrete footings and drilled shafts, storing and protecting materials on the project site, returning salvaged materials to the department; properly disposing of materials not salvaged, restoring areas disturbed by construction activities.

## **22. Removing Sign Bridge S-66-1, Item SPV.0105.06.**

#### **A Description**

This special provision describes removing the sign panel, sign panel support I-beams, the sign bridge four-chord aluminum truss, the sign bridge aluminum double post towers, the concrete footings, concrete drilled shafts, and all landscaping necessary to restore the affected site from construction activity, at the location shown on the plans, as directed by the engineer, and as hereinafter provided.

#### **B (Vacant)**

#### **C Construction**

Any erosion control necessary as directed by the engineer shall be installed per the requirements of standard spec 628.

Do not remove the existing sign bridge and signs until the new sign bridge and signs have been installed.

Notify the engineer of any damage to sign panels prior to removing the sign panels. Protect the sign panels and attached support I-beams from damage while moving them. Any damage to the sign panels and attached support I-beams while being moved will be repaired or replaced by the contractor at the contractor's expense.

Remove the concrete footings and concrete drilled shafts in accordance to standard spec 204.

Properly dispose of all components including the truss, towers, catwalk, electrical conduits, miscellaneous electrical items, concrete footings, and drilled shafts off the project site.

Restore all areas disturbed by construction activities to the original grade lines with topsoil and seed and mulch the topsoil. Topsoil, seed, and mulch shall meet the requirements of standard spec 625, standard spec 630, and standard spec 627, respectively.

#### **D Measurement**

The department will measure Removing Sign Bridge S-66-1 as a single lump sum unit of work for each sign bridge, acceptably completed.

#### **E Payment**

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

ITEM NUMBER	DESCRIPTION	UNIT
SPV.0105.06	Removing Sign Bridge S-66-1	LS

Payment is full compensation for erosion control, disassembling and removing the sign bridge and all attached components, removing the concrete footings and drilled shafts, storing and protecting materials on the project site, returning salvaged materials to the department; properly disposing of materials not salvaged, restoring areas disturbed by construction activities.



**ADDITIONAL SPECIAL PROVISION 4**

Payment to all Subcontractors. Within 10 calendar days of receipt by a contractor of a progress payment for work performed, materials furnished, or materials stockpiled by a subcontractor, the contractor shall pay that subcontractor for all work satisfactorily performed and for all materials furnished or stockpiled.

The contractor agrees further to release retainage amounts to each subcontractor within 10 calendar days after the subcontractor's work is satisfactorily completed. In addition, whenever the Department reduces the contract retainage amount, within 10 calendar days of receipt by a contractor of a retainage payment, the contractor must reduce the total amount retained from subcontractors to no more than remains retained by the Department.

The contractor shall pay the subcontractor within the time frames described above unless the contractor complies with both of the following within 10 calendar days of receiving the Department's progress payment:

- 1) The contractor notifies the subcontractor in writing that the work is not satisfactorily completed.
- 2) The contractor requests approval from the Department to delay payment because the subcontractor has not satisfactorily completed the work.

The contractor's request for approval should include the written notification to the subcontractor and shall provide sufficient documentation of good cause to assist the engineer in making a timely decision. If the engineer does not grant approval, the contractor shall pay the subcontractor within 10 calendar days of the Department's decision.

All subcontracting agreements made by a contractor shall include the above provisions and shall be binding on all contractors and subcontractors.

The contractor certifies compliance with the requirements of this Additional Special Provision by signing the contract. This clause applies to both DBE and non-DBE subcontractors.





**ADDITIONAL SPECIAL PROVISION 6**  
**ASP 6 - Modifications to the standard specifications**

*Make the following revisions to the 2013 edition of the standard specifications:*

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**106.3.4.3.1 General**

*Replace paragraph two with the following effective with the November 2012 letting:*

- (2) Required sampling and testing methodologies and documentation are specified in CMM chapter 8.
  - (3) If disputed, approval of materials and components, as well as acceptance of the work incorporating those materials or components, is subject to review under the QMP dispute resolution process.
- 

**107.17.3 Railroad Insurance Requirements**

*Replace the entire text with the following effective with the August 2012 letting:*

- (1) If required by the special provisions, provide or arrange for a subcontractor to provide railroad protective liability insurance in addition to the types and limits of insurance required in 107.26. Keep railroad protective liability insurance coverage in force until completing all work, under or incidental to the contract, on the railroad right of way or premises of the railroad and until the department has accepted the work as specified in 105.11.2.4.
- (2) Provide railroad protective liability insurance coverage written as specified in 23 CFR part 646 subpart A. Provide a separate policy for each railroad owning tracks on the project. Ensure that the railroad protective liability insurance policies provide the following minimum limits of coverage:
  - 1. Coverage A, bodily injury liability and property damage liability; \$2 million per occurrence.
  - 2. Coverage B, physical damage to property liability; \$2 million per occurrence.
  - 3. An annual aggregate amount of \$6 million that shall apply separately to each policy renewal or extension.
- (3) Obtain coverage from insurance companies licensed to do business in Wisconsin that have an A.M. Best rating of A- or better. The cost of providing the required insurance coverage and limits is incidental to the contract. The department will make no additional or special payment for providing insurance.
- (4) Submit the following to each railroad owning tracks on the project as evidence of that railroad's respective coverage:
  - 1. A certificate of insurance for the types and limits of insurance specified in 107.26.
  - 2. The railroad protective liability insurance policy or other acceptable documentation to the railroad company.
- (5) Submit the following to the region as evidence of the required coverage:
  - 1. A copy of the letter to the railroad company transmitting the submittal documents specified in 107.17.3(4).
  - 2. A certificate of insurance for the required railroad protective liability coverages.
- (6) Do not begin work on the right of way or premises of the railroad company until the region receives the submittals specified in 107.17.3(5) and notification from the railroad company that the contractor has provided sufficient insurance information to begin work.
- (7) Notify the railroad and the region immediately upon cancellation or initiating cancellation, whichever is earlier, or any material change in coverage. Cease operations within 50 feet of the railroad right of way immediately if insurance is cancelled or reduced. Do not resume operations until the required coverage is in force.

**460.2.8.3.1.4 Department Verification Testing Requirements**

*Replace paragraph four with the following effective with the December 2012 letting:*

- (4) The department will randomly test each design mixture at the following minimum frequency:
- FOR TONNAGES TOTALING:
- Less than 501 tons ..... no tests required
- From 501 to 5,000 tons..... one test
- More than 5,000 tons..... add one test for each additional 5,000-ton increment

**501.2.1 Portland Cement**

*Replace paragraph one with the following effective with the March 2013 letting:*

- (1) Use cement conforming to ASTM specifications as follows:
- Type I portland cement; ASTM C150.
  - Type II portland cement; ASTM C150.
  - Type III portland cement; ASTM C150, for high early strength.
  - Type IP portland-pozzolan cement; ASTM C595, except maximum loss on ignition is 2.0 percent.
  - Type IS portland blast-furnace slag cement; ASTM C595.
  - Type IL portland-limestone cement; ASTM C595, except maximum nominal limestone content is 10 percent with no individual test result exceeding 12.0 percent.

**501.2.5.5 Sampling and Testing**

*Replace the entire text with the following effective with the January 2013 letting:*

- (1) Sample and test aggregates for concrete according to the following:
- |  |                           |
|--|---------------------------|
| Sampling aggregates .....  | AASHTO T2                 |
| Lightweight pieces in aggregate .....                                | AASHTO T113               |
| Material finer than No. 200 sieve .....                              | AASHTO T11                |
| Unit weight of aggregate .....                                       | AASHTO T19                |
| Organic impurities in sands .....                                    | AASHTO T21                |
| Sieve analysis of aggregates .....                                   | AASHTO T27                |
| Effect of organic impurities in fine aggregate .....                 | AASHTO T71                |
| Los Angeles abrasion of coarse aggregate .....                       | AASHTO T96                |
| Freeze-thaw soundness of coarse aggregate.....                       | AASHTO T103               |
| Sodium sulfate soundness of aggregates .....                         | AASHTO T104               |
| Specific gravity and absorption of fine aggregate .....              | AASHTO T84                |
| Specific gravity and absorption of coarse aggregate .....            | AASHTO T85                |
| Flat & elongated pieces based on a 3:1 ratio.....                    | ASTM D4791 <sup>[1]</sup> |
| Sampling fresh concrete .....  | AASHTO R60                |
| Making and curing concrete compressive strength test specimens ..... | AASHTO T23                |
| Compressive strength of molded concrete cylinders .....              | AASHTO T22                |

<sup>[1]</sup> As modified in CMM 8-60.

**501.2.6 Fly Ash**

*Replace paragraph three with the following effective with the March 2013 letting:*

- (3) Test fly ash using a recognized laboratory, as defined in 501.2.2(1), starting at least 30 days before its proposed use, and continuing at ASTM-required frequencies as the work progresses. The manufacturer shall test the chemical and physical properties listed in tables 1 and 2 of ASTM C618 at the frequencies and by the test methods prescribed in ASTM C311.

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**501.3.1.1.1 Air-Entrained Concrete**

Replace paragraph one with the following effective with the March 2013 letting:

- (1) Prepare air-entrained concrete with type I, IL, II, IS, or IP portland cement and sufficient air-entraining admixture to produce concrete with the air content specified in 501.3.2.4.

---

**503.2.2 Concrete**

Replace paragraph five with the following effective with the March 2013 letting:

- (5) Furnish prestressed concrete members cast from air-entrained concrete, except I-type girders may use non-air-entrained concrete. Use type I, IL, IS, , IP, II, or III portland cement. The contractor may replace up to 30 percent of type I, IL, II, or III portland cement with an equal weight of fly ash, slag, or a combination of fly ash and slag, except for prestressed box girders and slabs, the contractor shall replace 20-30 percent of the cement with fly ash, slag, or a combination of fly ash and slag. Ensure that fly ash conforms to 501.2.6 and slag conforms to 501.2.7. Use only one source and replacement rate for work under a single bid item. Use a department-approved air-entraining admixture conforming to 501.2.2 for air-entrained concrete. Use only size No. 1 coarse aggregate conforming to 501.2.5.4.

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**506.3.22 Shop Inspection**

Replace paragraph one with the following effective with the July 2010 letting:

- (1) The engineer or an independent inspection agency under department contract may inspect all structural steel and miscellaneous metals furnished. The department will provide the contractor with monthly consultant inspection invoices and identify any quality deficiencies at the fabrication facility.

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**506.5 Payment**

Add paragraph nine as follows effective with the June 2010 letting:

- (9) The department will limit costs for inspections conducted under 506.3.2 to \$0.05 per pound of material and deduct costs in excess of that amount from payment due the contractor. The department will determine costs for in-house inspections based on hourly rates for department staff plus overhead and use invoiced costs for contracted-out inspections. The department will administer deductions for the contractor's share of the total inspection cost under the Excess Costs For Fabrication Shop Inspection administrative item.

---

**507.2.2.1 General**

Replace paragraph four with the following effective with the December 2012 letting:

- (4) Ensure that there are no unsound knots or knot holes. Also ensure that there are no tight knots of a diameter exceeding one-quarter of the greater dimension at the point where they occur. Measure a knot by taking its diameter at right angles to the length of the timber. Ensure that the sum of sizes of all knots in any one-foot length does not exceed 2 times the size of the largest allowed single knot. The engineer will treat cluster knots as if they were a single knot. A cluster knot is 2 or more knots grouped together, with the fibers of the wood deflected around the entire unit.

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**512.3.1 Driving and Cutting Off**

Replace the entire text with the following effective with the December 2012 letting:

**512.3.1.1 General**

- (1) Coordinate driving operations to prevent damage or displacement of concrete in substructure units or damage to adjacent facilities due to vibrations.
- (2) Drive sheeting with a variation of 1/4 inch or less per foot from the vertical or from the batter the plans show. Ensure that the sheetpiles are within 6 inches of the plan position after driving. Do not damage sheetpiles attempting to correct for misalignment.

- (3) Remove and replace, or otherwise correct, sheetpiles the engineer deems unacceptable under 105.3. Submit details of planned corrections to the engineer for review and approval before initiating any corrective actions.
- (4) Drive sheetpiles to or beyond the required tip elevation the plans show.

#### **512.3.1.2 Driving System**

- (1) Furnish a sheetpile driving system capable of driving the sheetpiles to the required minimum tip elevation the plans show.
- (2) The engineer may order the contractor to remove a pile driving system component from service if it causes insufficient energy transfer or damages the sheetpiles. Do not return a component to service until the engineer determines that it has been satisfactorily repaired or adjusted.
- (3) Drive sheetpiles with diesel, air, steam, gravity, hydraulic, or vibratory hammers.

#### **512.3.1.3 Cut-Offs**

- (1) Cut off sheetpiles at the elevations the plans show or as the engineer directs. Pile cut-offs become the property of the contractor. Dispose of cut-offs not incorporated into the work.

### **518.2.1 General**

Replace paragraph one with the following effective with the March 2013 letting:

- (1) Furnish portland cement and water as specified in 501.2. Unless the engineer allows an alternate, use either type I, IL, IS, , or IP portland cement.

### **526.3.3 Temporary Structures**

Replace paragraphs two through four with the following effective with the January 2013 letting:

- (2) Inspect temporary structures conforming to the National Bridge Inspection Standards (NBIS) and the department's structure inspection manual before opening to traffic. Perform additional inspections, as the department's structure inspection manual requires, based on structure type and time in service. Submit inspection reports on department form DT2007 to the engineer and electronic copies to the department's bureau of structures maintenance section. Ensure that a department-certified active team leader, listed online in the department's highway structures information system (HSIS), performs the inspections.
- (3) Maintain temporary structures and approaches in place until no longer needed. Unless the engineer directs otherwise, completely remove and dispose of as specified in 203.3.4. Contractor-furnished materials remain the contractor's property upon removal.

### **614.2.5 Wood Posts and Offset Blocks**

Retitle and replace the entire text with the following effective with the July 2012 letting:

#### **614.2.5 Posts and Offset Blocks**

##### **614.2.5.1 Wood Posts and Offset Blocks**

- (1) Furnish sawed posts and offset blocks of one of the following species:
 

Douglas fir	Southern pine	Ponderosa pine	Jack pine	White pine
Red pine	Western hemlock	Western larch	Hem-fir	Oak
- (2) Ensure that posts are the size the plans show and conform to the nominal and minimum dimensions tabulated in 507.2.2.3. The contractor does not have to surface the posts. Provide posts of the net length the plans show after setting and cut off.
- (3) Use stress graded posts rated at 1200 psi  $f_b$  or higher. Determine the stress grade rating for douglas fir, western larch, and southern pine as specified in 507.2.2.4.
- (4) For hem-fir, hemlock, red pine, white pine, jack pine, ponderosa pine, and oak conform to the following:

TABLE 614-1 PROPERTIES FOR WOOD POSTS AND BLOCKS

SPECIES		WESTERN HEMLOCK, HEM-FIR, RED PINE, WHITE PINE, JACK PINE, PONDEROSA PINE		OAK	
MAXIMUM SLOPE OF GRAIN		1 in 15		1 in 12	
NOMINAL WIDTH OF FACE		6"	8"	6"	8"
SHAKES, CHECKS, AND SPLITS	GREEN	1"	1 3/8"	2 3/8"	3 1/8"
	SEASONED	1 1/2"	2"	2 5/8"	3 1/2"
MAXIMUM WANE		1"	1 3/8"	1 1/8"	1 5/8"
MAXIMUM ALLOWABLE KNOTS	NARROW FACE	MIDDLE 1/3 OF LENGTH	1 3/8"	1 5/8"	2 1/8"
		END <sup>[1]</sup>	2 3/4"	3 1/4"	4 1/4"
		SUM IN MIDDLE 1/2 OF LENGTH <sup>[2]</sup>	11"	13"	17"
	WIDE FACE	EDGE KNOT N MIDDLE 1/3 OF LENGTH	1 3/8"	1 5/8"	
		EDGE KNOT AT END <sup>[1]</sup>	2 3/4" 7	3 1/4"	
		CENTERLINE	1 3/8"	1 7/8"	2 1/4"
		SUM IN MIDDLE 1/2 OF LENGTH	5 1/2"	7 1/2"	9"
					11 1/2"

<sup>[1]</sup> But do not exceed the maximum allowable knot on the centerline of the wide face of the same piece.

<sup>[2]</sup> But do not exceed 4 times the maximum allowable knot on the centerline of the wide face of the same piece.

- (5) Pressure treat posts and offset blocks as specified in 507.2.2.6. Use one of the oil-soluble preservatives or chromated copper arsenate conforming to 507.2.3. Use the same material for offset blocks and posts and treat material used in each continuous installation with the same type of preservative.

#### 614.2.5.2 Steel Posts

- (1) Furnish steel posts conforming to AASHTO M270 Grade 36 and galvanized according to AASTHO M111.

#### 614.2.5.3 Plastic Offset Blocks

- (1) Furnish plastic offset blocks from the department's approved products list.

### 614.3.1 General

Replace the entire text with the following effective with the July 2012 letting:

- (1) Paint the ends of cut-off galvanized posts, rail, bolts, cut or drilled surfaces of galvanized components, and areas of damaged zinc coating with 2 coats of zinc dust/zinc oxide paint. Clean the damaged and adjacent areas thoroughly before applying paint.
- (2) Apply 2 coats of wood preservative to cut surfaces of wood components. Use the same preservative originally used to treat that component or use a 2-percent solution of copper naphthenate conforming to AWWA Standard P8 or P36.

#### 614.3.2.1 Installing Posts

Replace paragraph four with the following effective with the July 2012 letting:

- (4) Cut post tops to the finished elevation the plans show.

**628.2.13 Rock Bags**

Replace paragraph one with the following effective with the November 2012 letting:

- (1) Furnish rock bags made of a porous, ultraviolet resistant, high-density polyethylene or geotextile fabric that will retain 70% of its original strength after 500 hours of exposure according to ASTM D4355 and a minimum in-place filled size of 18-inches long by 12-inches wide by 6-inches high. Ensure that the fabric conforms to the following:

TEST REQUIREMENT	METHOD	VALUE
Minimum Tensile	ASTM D4632	
Machine direction		70 lb minimum
Cross direction		40 lb minimum
Elongation	ASTM D4632	
Machine direction		20% minimum
Cross direction		10 % min
Puncture	ASTM 4833	65 lbs minimum
Minimum Apparent Opening		0.0234 inches (No. 30 sieve)
Maximum Apparent Opening		0.0787 inches (No. 10 sieve)

**639.2.1 General**

Replace paragraph two with the following effective with the March 2013 letting:

- (2) For grout use fine aggregate conforming to 501.2.5.3 and type I, IL, IS, or IP portland cement.

**649.3.1 General**

Replace paragraphs three and four with the following effective with the March 2013 letting:

- (3) For pavements open to all traffic, apply centerline and no-passing barrier line markings as follows:
- On intermediate pavement layers, including milled surfaces, on the same day the pavement is placed or milled.
  - On the upper layer of pavement, on the same day the pavement is placed unless the contractor applies permanent marking on the same day the pavement is placed.

If weather conditions preclude same-day application, apply as soon as weather allows. Do not resume next-day construction operations until these markings are completed unless the engineer allows otherwise.

- (4) If required to apply no passing zone temporary pavement marking, reference the beginning and end of all existing no-passing barrier lines. Apply temporary no-passing barrier lines at those existing locations. If the contract contains the Locating No-Passing Zones bid item, relocate the no-passing zones as specified in section 648 for permanent marking.

**701.4.2 Verification Testing**

Replace paragraph two with the following effective with the December 2012 letting:

- (2) The department will sample randomly at locations independent of the contractor's QC tests and use separate equipment and laboratories. The department will conduct a minimum of one verification test for each 5 contractor QC tests unless specific QMP provisions specify otherwise.

**715.2.3.1 Pavements**

Replace paragraph two with the following effective with the March 2013 letting:

- (2) Provide a minimum cement content of 565 pounds per cubic yard, except if using type I, IL, or III portland cement in a mix where the geologic composition of the coarse aggregate is primarily igneous or metamorphic materials, provide a minimum cement content of 660 pounds per cubic yard.

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**715.3.1.3 Department Verification Testing**

Replace paragraph one with the following effective with the December 2012 letting:

- (1) The department will perform verification testing as specified in 701.4.2 except as follows:
  - Air content, slump, and temperature: a minimum of 1 verification test per lot.
  - Compressive strength: a minimum of 1 verification test per lot.

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**Errata**

Make the following corrections to the 2013 edition of the standard specifications:

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**102.12 Public Opening of Proposals**

Correct 102.12(1) errata by changing htm to shtm in the web link.

- (1) The department will publicly open proposals at the time and place indicated in the notice to contractors. The department will post the total bid for each proposal on the Bid Express web site beginning at 9:30 AM except as specified in 102.8. If a proposal has no total bid shown, the department will not post the bid. After verification for accuracy under 103.1, the department will post bid totals on the department's HCCI web site.

<http://roadwaystandards.dot.wi.gov/hcci/bid-letting/index.shtm>

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**107.22 Contractor's Responsibility for Utility Facilities, Property, and Services**

Correct errata by eliminating references to the department. Costs are determined by statute.

- (3) If the contractor damages or interrupts service, the contractor shall notify the utility promptly. Coordinate and cooperate with the utility in the repair of the facility. Determine who is responsible for repair costs according to Wisconsin statutes 66.0831 and 182.0175(2).
- 

**204.3.2.2 Removing Items**

Correct errata by changing the reference from 490.3.2 to 490.3.

- (5) Under the Removing Asphaltic Surface Milling bid item, remove and dispose of existing asphaltic pavement or surfacing by milling at the location and to the depth the plans show. Mill the asphaltic pavement or surfacing as specified for milling salvaged asphaltic pavement in 490.3.
- 

**501.2.9 Concrete Curing Materials.**

Correct errata by changing AASHTO M171 to ASTM C171.

- (4) Furnish polyethylene-coated burlap conforming to ASTM C171 for white burlap-polyethylene sheets.
- 

**506.2.6.5.2 Pad Construction**

Correct errata by changing ASTM A570 to ASTM A1011.

- (4) For the internal steel plates use rolled mild steel conforming to ASTM A36, or ASTM A1011 grade
- 

**512.3.3 Painting**

Correct errata by changing 511.3.5 to 550.3.11.3.

- (1) Paint permanent steel sheet piling as specified for painting steel piling in 550.3.11.3.

**513.2.2.8 Toggle Bolts**Correct errata by changing ASTM A570 to ASTM A1011.

- (1) Use toggle bolts made of steel, conforming to the plans. Make the assembly from the material specified below:

Toggle bolt and pin ..... Cold finished steel heat-treated Brinell 311-363 ASTM A354.  
 Toggle washer ..... Hot rolled steel ASTM A1011. Manufacturer's standard washer.  
 Spacer nut ..... Grade 1213, ASTM A108. Cold finished steel heat-treated ASTM A325.

**660.2.1 General**Correct errata by changing section 511 to 550.

- (1) Furnish materials conforming to the following:

Concrete ..... section 501  
 Concrete bridges ..... section 502  
 Luminaires ..... section 659  
 Steel piling ..... section 550  
 Steel reinforcement..... section 505

**660.3.2.3 Pile Type Foundations**Correct errata by changing section 511 to 550.

- (1) Drive piles as specified in for steel piling in section 550.

**701.3 Contractor Testing**Correct errata by updating AASHTO T141 to AASHTO R60 and changing AASHTO T309 to ASTM C1064.

- (1) Perform contract required QC tests for samples randomly located according to CMM 8-30. Also perform other tests as necessary to control production and construction processes, and additional testing enumerated in the contractor's quality control plan or that the engineer directs. Use test methods as follows:

**TABLE 701-2 TESTING STANDARDS**

TEST	TEST STANDARD
Washed P 200 analysis	AASHTO T11 <sup>[1]</sup>
Sieve analysis of fine and coarse aggregate	AASHTO T27 <sup>[1]</sup>
Aggregate moisture	AASHTO T255 <sup>[1]</sup>
Sampling freshly mixed concrete	AASHTO R60
Air content of fresh concrete	AASHTO T152 <sup>[2]</sup>
Concrete slump	AASHTO T119 <sup>[2]</sup>
Concrete temperature	ASTM C1064
Concrete compressive strength	AASHTO T22
Making and curing concrete cylinders	AASHTO T23
Standard moist curing for concrete cylinders	AASHTO M201

<sup>[1]</sup> As modified in CMM 8-60.

<sup>[2]</sup> As modified in CMM 8-70.



**ADDITIONAL SPECIAL PROVISION 7**

- A. Reporting 1<sup>st</sup> 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://roadwaystandards.dot.wi.gov/hcci/labor-wages-eeo/index.shtm>

(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://roadwaystandards.dot.wi.gov/hcci/labor-wages-eeo/crc-basic-info.pdf>



**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  
MILWAUKEE 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, 2013

**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	35.58	19.20	54.78
Carpenter	32.93	19.81	52.74
Future Increase(s): Add \$.75/hr on 6/3/2013. Add \$1.25/hr on 6/2/2014.			
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.			
Cement Finisher	30.69	17.53	48.22
Future Increase(s): Add \$1.87 on 6/1/13; 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	31.54	21.14	52.68
Fence Erector	28.00	4.50	32.50
Ironworker	31.31	21.99	53.30
Line Constructor (Electrical)	31.29	15.34	46.63
Painter	29.22	16.69	45.91
Pavement Marking Operator	29.22	16.69	45.91
Piledriver	29.56	23.86	53.42
Roofer or Waterproofer	29.40	15.05	44.45
Teledata Technician or Installer	24.65	15.67	40.32
Tuckpointer, Caulker or Cleaner	34.35	11.13	45.48
Underwater Diver (Except on Great Lakes)	37.45	19.45	56.90
Heavy Equipment Operator - ELECTRICAL LINE CONSTRUCTION ONLY	29.64	17.06	46.70
Light Equipment Operator -ELECTRICAL LINE CONSTRUCTION ONLY	30.60	14.64	45.24
Premium Pay: DOT PREMIUM: Pay two times the hourly basic rate on Sunday, New Year's Day, Memorial Day,			

<b><u>TRADE OR OCCUPATION</u></b>	<b><u>HOURLY BASIC RATE OF PAY</u></b>	<b><u>HOURLY FRINGE BENEFITS</u></b>	<b><u>TOTAL</u></b>
	<b><u>\$</u></b>	<b><u>\$</u></b>	<b><u>\$</u></b>
Independence Day, Labor Day, Thanksgiving Day & Christmas Day.			
Heavy Truck Driver - ELECTRICAL LINE CONSTRUCTION ONLY	25.94	13.57	39.51
Light Truck Driver - ELECTRICAL LINE CONSTRUCTION ONLY	24.08	12.96	37.04
Groundman - ELECTRICAL LINE CONSTRUCTION ONLY	21.75	11.90	33.65

**TRUCK DRIVERS**

Single Axle or Two Axle	33.22	18.90	52.12
Three or More Axle	23.31	17.13	40.44
Future Increase(s): Add \$1.85/hr on 6/1/2013.			
Premium Pay: DOT PREMIUM: Pay two times the hourly basic rate on Sunday, New Year's Day, Memorial Day, Independence Day, Labor Day, Thanksgiving Day & Christmas Day.			
Articulated, Euclid, Dumptor, Off Road Material Hauler	27.77	19.90	47.67
Future Increase(s): Add \$2/hr on 6/1/13; Add \$1.75/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 night work premium. See DOT's website for details about the applicability of this night work premium at: <a href="http://roadwaystandards.dot.wi.gov/hcci/labor-wages-eeo/index.shtm">http://roadwaystandards.dot.wi.gov/hcci/labor-wages-eeo/index.shtm</a> .			
Pavement Marking Vehicle	23.84	14.90	38.74
Shadow or Pilot Vehicle	33.22	18.90	52.12
Truck Mechanic	22.50	16.19	38.69

**LABORERS**

General Laborer	25.39	18.40	43.79
Future Increase(s): Add \$1.70/hr on 6/1/2013; Add \$1.60/hr on 6/1/2014.			
Premium Pay: Add \$.15/hr for air tool operator, joint sawer and filler (pavement), vibrator or tamper operator (mechanical hand operated), chain saw operator and demolition burning torch laborer; Add \$.35/hr for bituminous worker (raker and luteman), formsetter (curb, sidewalk and pavement) and strike off man; Add \$.50/hr for line and grade specialist; Add \$.65/hr for blaster and powderman; Add \$2.01/hr for topman; Add \$2.46/hr for bottomman; Add \$3.23/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	18.00	0.00	18.00
Landscaper	25.39	18.40	43.79
Future Increase(s): Add \$1.70/hr on 6/1/13; 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	21.88	18.40	40.28
Future Increase(s): Add \$1.70/hr on 6/1/2013; 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.			

<b>TRADE OR OCCUPATION</b>	<b>HOURLY BASIC RATE OF PAY</b>	<b>HOURLY FRINGE BENEFITS</b>	<b>TOTAL</b>
	<b>\$</b>	<b>\$</b>	<b>\$</b>
Fiber Optic Laborer (Outside, Other Than Concrete Encased)	17.24	15.03	32.27
Railroad Track Laborer	14.50	3.53	18.03

### 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).	35.22	19.90	55.12
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Future Increase(s): Add \$2/hr on 6/1/13; Add \$1.75/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 night work premium.

See DOT's website for details about the applicability of this night work premium at:

<http://roadwaystandards.dot.wi.gov/hcci/labor-wages-eeo/index.shtm>.

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.	34.72	19.90	54.62
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Future Increase(s): Add \$2/hr on 6/1/13; Add \$1.75/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 night work premium.

See DOT's website for details about the applicability of this night work premium at:

<http://roadwaystandards.dot.wi.gov/hcci/labor-wages-eeo/index.shtm>.

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);	34.22	19.90	54.12
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<b>TRADE OR OCCUPATION</b>	<b>HOURLY BASIC RATE OF PAY</b>	<b>HOURLY FRINGE BENEFITS</b>	<b>TOTAL</b>
	<b>\$</b>	<b>\$</b>	<b>\$</b>
Tube Finisher; Tugger (NOT Performing Work on the Great Lakes); Winches & A- Frames. Future Increase(s): Add \$2/hr on 6/1/13; Add \$1.75/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 night work premium. See DOT's website for details about the applicability of this night work premium at: <a href="http://roadwaystandards.dot.wi.gov/hcci/labor-wages-eeo/index.shtm">http://roadwaystandards.dot.wi.gov/hcci/labor-wages-eeo/index.shtm</a> .			
Belting, Burlap, Texturing Machine; Broom or Sweeper; Compactor (Self-Propelled or Tractor Mounted, Towed & Light Equipment); Concrete Finishing Machine (Road Type); Environmental Burner; Farm or Industrial Type Tractor; Fireman (Asphalt Plant, Pile Driver & Derrick NOT Performing Work on the Great Lakes); Forklift; Greaser; Hoist (Tugger, Automatic); Jeep Digger; Joint Sawyer (Multiple Blade); Launch (NOT Performing Work on the Great Lakes); Lift Slab Machine; Mechanical Float; Mulcher; Power Subgrader; Robotic Tool Carrier (With or Without Attachments); Roller (Rubber Tire, 5 Ton or Under); Self Propelled Chip Spreader; Shouldering Machine; Skid Steer Loader (With or Without Attachments); Telehandler; Tining or Curing Machine. Future Increase(s): Add \$2/hr on 6/1/13; Add \$1.75/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 night work premium. See DOT's website for details about the applicability of this night work premium at: <a href="http://roadwaystandards.dot.wi.gov/hcci/labor-wages-eeo/index.shtm">http://roadwaystandards.dot.wi.gov/hcci/labor-wages-eeo/index.shtm</a> .	33.96	19.90	53.86
Air Compressor (&/or 400 CFM or Over); Air, Electric or Hydraulic Jacking System; Augers (Vertical & Horizontal); Automatic Belt Conveyor & Surge Bin; Boiler (Temporary Heat); Concrete Proportioning Plant; Crusher, Screening or Wash Plant; Generator (&/or 150 KW or Over); Heaters (Mechanical); High Pressure Utility Locating Machine (Daylighting Machine); Mudjack; Oiler; Prestress Machine; Pug Mill; Pump (3 Inch or Over) or Well Points; Rock, Stone Breaker; Screed (Milling Machine); Stump Chipper; Tank Car Heaters; Vibratory Hammer or Extractor, Power Pack. Future Increase(s): Add \$2/hr on 6/1/13; Add \$1.75/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 night work premium. See DOT's website for details about the applicability of this night work premium at: <a href="http://roadwaystandards.dot.wi.gov/hcci/labor-wages-eeo/index.shtm">http://roadwaystandards.dot.wi.gov/hcci/labor-wages-eeo/index.shtm</a> .	33.67	19.90	53.57
Fiber Optic Cable Equipment.	20.00	7.88	27.88
Work Performed on the Great Lakes Including Diver; Wet Tender or Hydraulic Dredge Engineer.	37.45	19.45	56.90
Work Performed on the Great Lakes Including 70 Ton & Over Tug Operator; Assistant Hydraulic Dredge Engineer; Crane or Backhoe Operator; Hydraulic Dredge Leverman or Diver's Tender; Mechanic or Welder.	37.45	19.45	56.90
Work Performed on the Great Lakes Including Deck Equipment Operator or Machineryman (Maintains Cranes Over 50 Tons or Backhoes 115,000 Lbs. or More); Tug, Launch or Loader, Dozer or Like Equipment When Operated on a Barge, Breakwater Wall, Slip, Dock or Scow, Deck Machinery.	27.75	19.15	46.90
Work Performed on the Great Lakes Including Deck Equipment Operator, Machineryman or Fireman (Operates 4 Units or More or Maintains Cranes 50 Tons or Under or Backhoes 115,000 Lbs. or Under); Deck Hand, Deck Engineer or Assistant Tug Operator; Off Road Trucks-Great Lakes ONLY.	27.75	19.15	46.90

## SCHEDULE OF ITEMS

REVISED:

CONTRACT:  
20130514018PROJECT(S):  
1000-19-89FEDERAL ID(S):  
N/A

CONTRACTOR : \_\_\_\_\_

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

## SECTION 0001 STRUCTURES

0010	204.0150 REMOVING CURB & GUTTER	LF 78.500	.		.	
0020	204.0157 REMOVING CONCRETE BARRIER	LF 140.000	.		.	
0030	204.0165 REMOVING GUARDRAIL	LF 556.500	.		.	
0040	204.9090.S REMOVING (ITEM DESCRIPTION) 01. CONCRETE BARRIER	LF 6.500	.		.	
0050	204.9105.S REMOVING (ITEM DESCRIPTION) 01. SAND BARRELS AND CONCRETE PAD	LUMP	LUMP		.	
0060	603.0105 CONCRETE BARRIER SINGLE-FACED 32-INCH	LF 137.000	.		.	
0070	614.0220 STEEL THRIE BEAM BULLNOSE TERMINAL	EACH 2.000	.		.	
0080	614.0230 STEEL THRIE BEAM	LF 75.000	.		.	
0090	614.0700 SAND BARRELS ARRAYS	EACH 1.000	.		.	
0100	614.2300 MGS GUARDRAIL 3	LF 319.500	.		.	

## SCHEDULE OF ITEMS

REVISED:

CONTRACT:  
20130514018PROJECT(S):  
1000-19-89FEDERAL ID(S):  
N/A

CONTRACTOR : \_\_\_\_\_

LINE NO	ITEM DESCRIPTION	APPROX. QUANTITY AND UNITS	UNIT PRICE		BID AMOUNT	
			DOLLARS	CTS	DOLLARS	CTS
0110	614.2610 MGS GUARDRAIL TERMINAL EAT	2.000 EACH	.		.	
0120	614.2620 MGS GUARDRAIL TERMINAL TYPE 2	2.000 EACH	.		.	
0130	619.1000 MOBILIZATION	1.000 EACH	.		.	
0140	636.0100 SIGN SUPPORTS CONCRETE MASONRY	116.000 CY	.		.	
0150	636.1000 SIGN SUPPORTS STEEL REINFORCEMENT HS	5,280.000 LB	.		.	
0160	636.1500 SIGN SUPPORTS STEEL COATED REINFORCEMENT HS	5,840.000 LB	.		.	
0170	637.0101 SIGNS TYPE I	1,711.650 SF	.		.	
0180	638.2101 MOVING SIGNS TYPE I	1.000 EACH	.		.	
0190	638.2102 MOVING SIGNS TYPE II	3.000 EACH	.		.	
0200	638.2601 REMOVING SIGNS TYPE I	10.000 EACH	.		.	

## SCHEDULE OF ITEMS

REVISED:

CONTRACT:  
20130514018PROJECT(S):  
1000-19-89FEDERAL ID(S):  
N/A

CONTRACTOR : \_\_\_\_\_

LINE NO	ITEM DESCRIPTION	APPROX. QUANTITY AND UNITS	UNIT PRICE		BID AMOUNT	
			DOLLARS	CTS	DOLLARS	CTS
0210	641.0100 SIGN BRIDGE SINGLE POLE SIGN SUPPORT ONE SIGN (STRUCTURE) 01. S-40-849	LUMP	LUMP		.	
0220	641.1200 SIGN BRIDGE CANTILEVERED (STRUCTURE) 01. S-40-845	LUMP	LUMP		.	
0230	641.1200 SIGN BRIDGE CANTILEVERED (STRUCTURE) 02. S-40-847	LUMP	LUMP		.	
0240	641.1200 SIGN BRIDGE CANTILEVERED (STRUCTURE) 03. S-40-848	LUMP	LUMP		.	
0250	641.1200 SIGN BRIDGE CANTILEVERED (STRUCTURE) 04. S-64-18	LUMP	LUMP		.	
0260	641.6600 SIGN BRIDGE (STRUCTURE) 01. S-40-846	LUMP	LUMP		.	
0270	641.6600 SIGN BRIDGE (STRUCTURE) 02. S-40-981	LUMP	LUMP		.	
0280	641.6600 SIGN BRIDGE (STRUCTURE) 03. S-66-6	LUMP	LUMP		.	
0290	643.0100 TRAFFIC CONTROL (PROJECT) 01. 1000-19-89	EACH	1.000	.	.	
0300	652.0225 CONDUIT RIGID NONMETALLIC SCHEDULE 40 2-INCH	LF	85.000	.	.	
0310	655.0128 CABLE IN DUCT 3-8 AWG	LF	290.000	.	.	

## SCHEDULE OF ITEMS

REVISED:

CONTRACT:  
20130514018PROJECT(S):  
1000-19-89FEDERAL ID(S):  
N/A

CONTRACTOR : \_\_\_\_\_

LINE NO	ITEM DESCRIPTION	APPROX. QUANTITY AND UNITS	UNIT PRICE		BID AMOUNT	
			DOLLARS	CTS	DOLLARS	CTS
0320	SPV.0060 SPECIAL 01. PULL BOXES STEEL 24X36-INCH GROUNDED	3.000 EACH	.		.	
0330	SPV.0060 SPECIAL 02. LAMP DISPOSAL HIGH INTENSITY DISCHAR	9.000 EACH	.		.	
0340	SPV.0105 SPECIAL 01. REMOVNG SIGN BRIDGE S-40-74	LUMP	LUMP		.	
0350	SPV.0105 SPECIAL 02. REMOVNG SIGN BRIDGE S-40-76	LUMP	LUMP		.	
0360	SPV.0105 SPECIAL 03. REMOVNG SIGN BRIDGE S-40-169	LUMP	LUMP		.	
0370	SPV.0105 SPECIAL 04. REMOVNG SIGN BRIDGE S-64-7	LUMP	LUMP		.	
0380	SPV.0105 SPECIAL 05. REMOVNG SIGN BRIDGE S-40-170	LUMP	LUMP		.	
0390	SPV.0105 SPECIAL 06. REMOVNG SIGN BRIDGE S-66-1	LUMP	LUMP		.	
	SECTION 0001 TOTAL				.	
	TOTAL BID				.	



**PLEASE ATTACH SCHEDULE OF ITEMS HERE**