HIGHWAY WORK PROPOSAL

Proposal Number: 1 9

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

COUNTY	STATE PROJECT ID	FEDERAL PROJECT ID	PROJECT DESCRIPTION	HIGHWAY
Outagamie	4075-20-71		Main Street, Village of Little Chute Jackson St - E Cpl	STH 96

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

Proposal Guaranty Required, $ 75,000.00 Payable to: Wisconsin Department of Transportation	Attach Proposal Guaranty on back of this PAGE.
Bid Submittal Due Date: April 9, 2013 Time (Local Time): 9:00 AM	Firm Name, Address, City, State, Zip Code **SAMPLE** **NOT FOR BIDDING PURPOSES**
Contract Completion Time October 15, 2013	
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 Grading, base aggregate, storm sewer, concrete pavement, HMA pavement, concrete curb and gutter, concrete sidewalk, permanent signing, pavement marking.	
Notice of Award Dated	Date Guaranty Returned

PLEASE ATTACH
PROPOSAL GUARANTY HERE

Effective with November 2007 Letting

PROPOSAL REQUIREMENTS AND CONDITIONS

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

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

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

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

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

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

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

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

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

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

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

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

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

Effective with August 2007 Letting

BID PREPARATION

Preparing the Proposal Schedule of Items

A General

(1) Obtain bidding proposals as specified in section 102 of the standard specifications prior to 11:45 AM of the last business day preceding the letting. Submit bidding proposals using one of the following methods:

1. Electronic bid on the internet.
2. Electronic bid on a printout with accompanying diskette or CD ROM.
3. Paper bid under a waiver of the electronic submittal requirements.

(2) Bids submitted on a printout with accompanying diskette or CD ROM or paper bids submitted under a waiver of the electronic submittal requirements govern over bids submitted on the internet.

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

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

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

(5) The department will address equipment and process failures, if the bidder can demonstrate that those failures were beyond their control.

(6) Contractors are responsible for checking on the issuance of addenda and for obtaining the addenda. Notice of issuance of addenda is posted on the department's web site at http://www.dot.wisconsin.gov/business/engrserv/bid-letting-information.htm or by calling the department at (608) 266-1631. Addenda can ONLY be obtained from the departments web site listed above or by picking up the addenda at the Bureau of Highway Construction, Room 601, 4802 Sheboygan Avenue, Madison, WI, during regular business hours.

B Submitting Electronic Bids

B.1 On the Internet

(1) Do the following before submitting the bid:

1. Have a properly executed annual bid bond on file with the department.
2. Have a digital ID on file with and enabled by Info Tech Inc. Using this digital ID will constitute the bidder's signature for proper execution of the bidding proposal.

(2) In lieu of preparing, delivering, and submitting the proposal as specified in 102.6 and 102.9 of the standard specifications, submit the proposal on the internet as follows:

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

(3) The department will not consider the bid accepted until the hour and date the Notice to Contractors designates.

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

(1) Download the latest schedule of items from the Wisconsin pages of the Bid Express™ web site reflecting the latest addenda posted on the department's web site at **http://www.dot.wisconsin.gov/business/engrserv/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

Wisconsin Department of Transportation

DT1303 1/2006

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)

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

(Signature of Attorney-in-Fact)

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

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

Wisconsin Department of Transportation

DT1305 8/2003

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.

Name of Subcontractor	Class of Work	Estimated Value
_____	_____	_____
_____	_____	_____
_____	_____	_____
_____	_____	_____
_____	_____	_____
_____	_____	_____
_____	_____	_____

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 4075-20-71, Main Street, Village of Little Chute, Jackson St – E CPL, STH 96, Outagamie 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 pavement removal, grading, excavation, base course, concrete pavement, HMA pavement, concrete curb and gutter, concrete sidewalk, marking and signing, storm sewer and all incidental items necessary to complete the work as shown on the plans and included in the proposal and contract.
104-005 (20090901)

3. Prosecution and Progress.

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

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

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

The Village will be replacing their sanitary sewer and water main facilities in 2013 both prior to and concurrently with this project. The Village opened bids for their sanitary sewer and water main reconstruction project in January 2013; contact Roy Vangheem, Director of Public Works, at (920) 788-7395 for contractor information. Weather permitting (i.e. when frost is out of the ground), construction is anticipated to start by mid-March 2013.

The Village's sanitary sewer and water main project is divided into two contracts:

a. Contract A includes replacing all sanitary sewer and water main from Jackson Street to Station 809+25 (approximately 250 feet west of Lewis Street), including laterals.

b. Contract B includes replacing all sanitary sewer and water main from Station 809+25 to the east Village limits, including laterals.

Contract A and Contract B are intended to occur simultaneously. If construction can begin by mid-March, the sanitary and water main project will be completed by mid to late-June (approximately 3 months).

Contract A will require that all sanitary sewer and water main construction will be completed from Jackson Street to Buchanan Street by May 31. The DOT contractor will then be able to begin concrete pavement removal and storm sewer construction operations between Jackson Street and Buchanan Street on June 1. The Village's contractor will complete the remainder of the sanitary sewer and water main construction from Buchanan Street to Station 809+25 by June 21. The DOT contractor can then begin pavement removal and storm sewer installation operations from Buchanan Street to Station 809+25 on June 22.

Contract B will require that all sanitary sewer and water main construction will be completed from Station 809+25 to Sanitorium Road by May 31. The DOT contractor will then be able to begin concrete pavement removal and storm sewer construction operations between Station 809+25 and Sanitorium Road on June 1. The Village's contractor will complete the remainder of the sanitary sewer and water main construction from Sanitorium Road to the east Village limits by June 21. The DOT contractor can then begin pavement removal and storm sewer installation operations from Sanitorium Road to the east Village limits on June 22.

Final elevation adjustments of sanitary sewer manhole covers, water valves are included in the DOT contract as a non-participating item. The Village will furnish and install internal rubber chimney seals on sanitary manholes after the DOT contractor completes the concrete paving.

4. Traffic.

STH 96 will be detoured and closed to through traffic for the duration of the project. The detour route will be STH 96 to CTH N, CTH N to CTH OO, CTH OO to STH 55, and STH 55 to STH 96. Maintain access for local, business, emergency, and pedestrian traffic at all times in accordance to this special provision.

Two-way cross traffic will be maintained at Buchanan Street, Sanitorium Road, and Rosehill Road at all times except as follows. These intersections may be closed individually for up to 10 working days for paving operations. No more than one of these

intersections may be closed at any one time. The item for paving gaps is included in the contract quantities for these intersections.

Vehicular access to businesses will be maintained at all times. Coordinate with businesses to determine daily trucking requirements, typical truck routes to and from the businesses, and other access requirements. A paving gap is included in the contract quantities for each business with access to STH 96. If a business has an alternative access to Sanitorium Road, Buchanan Street, or Rosehill Road, no pavement gap was included in the quantities. Due to the configuration of the drive-through lanes, the bank at the southeast corner of Main Street and Sanitorium Road will require access to STH 96 at all times. Some locations with paving gaps are anticipated to need gaps for driveway construction as well. No additional compensation will be made for pouring concrete driveways in halves. Provide business owners a minimum of 48 hours' notice prior to altering the location of the access to their business.

Vehicular access to residential driveways will be maintained except during concrete paving operations. Residential driveway access interruptions will be limited to the paving and curing periods required for pavement, curb and gutter, sidewalk, and concrete driveways. Notify property owners a minimum of 48 hours in advance of driveway access restrictions or changes.

Pedestrian access to businesses and residences shall be maintained throughout the duration of the project on existing concrete sidewalks, temporary asphalt sidewalks, or new concrete sidewalks. Stage the construction of sidewalk by maintaining the existing concrete sidewalk or newly constructed concrete sidewalk on at least one side of the road. Once any section of concrete sidewalk has been removed, install temporary or permanent sidewalk within ten working days of the removal. Install safety fence to separate pedestrians from the work areas. Due to the existing narrow terrace widths, install safety fence prior to removal of the existing inlets and curb and gutter. Safety fence to remain in place until the new curb and gutter is installed and backfilled.

Pedestrian cross traffic at Buchannan Street, Sanitorium Road and Rose Hill Road will be maintained throughout the duration of the project. Safety fence will be required at the designated pedestrian crossings to separate pedestrians from the work areas. The item temporary crosswalk access is included in the contract quantities for the Main Street crossings at these locations. Temporary crosswalk access is also included for each side street crossing throughout the project.

Temporary sidewalk closures are allowed in order to install storm sewer laterals up to the right-of-way line. Install traffic control in accordance to the standard detail drawing "Traffic Control, Sidewalk Closure". Limit temporary sidewalk closures to one side of the road at a time. Sidewalks may only be closed in one block increments.

Fox Valley Transit has several bus stops located within the project limits and they have been notified about the project. Fox Valley Transit will relocate their route and bus stop locations onto Wisconsin Avenue for the duration of the project. The existing bus shelter

located at approximately Station 822+75 RT will be removed by Fox Valley Transit prior to construction.

The Little Chute School District has one designated school crossing along STH 96 within the project limits, which is located at the east approach of the Buchanan Street intersection. The pedestrian crossing at this location will be maintained throughout the duration of the project.

The contractor shall be responsible for coordinating traffic control and construction operations with the Village's sanitary sewer and water main contractors. The Village utility project will be constructed without a detour. Refer to "Work by others" article and "Notice to Contractor – Coordination of Contracts; Traffic Control and Erosion Control" article in these special provisions for additional information regarding the Village contracts.

Wisconsin Lane Closure System Advanced Notification

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

Lane Closure (without width, height or weight restriction)	3 Business Days
Service Ramp Closures	3 Business Days
Extended Closure Hours	3 Business Days
System Ramp Closures	7 Calendar Days
Local Street Openings/Closings	7 Calendar Days
Lane Closures (With Width, Height or Weight Restriction)	14 Calendar Days
Project Start	14 Calendar Days
Full Freeway Closures	14 Calendar Days
Construction Stage Changes	14 Calendar Days
Detours	14 Calendar Days

Notify the engineer if there are any changes in the schedule, early completions, or cancellations for scheduled work.

Portable Changeable Message Signs – Message Prior Approval

After coordinating with department construction field staff, notify the Northeast Region Traffic Section at (920)492-5641 (secondary contact number is (920) 492-7719, three business days prior to deploying or changing a message on a PCMS to obtain approval of the proposed message. The Northeast Region Traffic Unit will review the proposed message and either approve the message or make necessary changes.

5. Utilities.

This contract does not come under the provision of Administrative Rule Trans 220.
107-065 (20080501)

AT&T Wisconsin (Telephone)
AT&T has aerial facilities and underground facilities that are in conflict with the proposed project.

AT&T owns poles on the south side of the roadway which are less than 2.5-feet from the back of the proposed curb. These poles will be relocated prior to construction to within the proposed terrace.

AT&T owns poles on the south side of the roadway located within 2.5 feet to 3 feet of the proposed back of curb that will remain in place. Contractor shall work around existing poles, and may require hand work at these locations.

AT&T owns poles on the south side of the roadway that will be in conflict with proposed sidewalk and driveways. AT&T will be relocating these poles to within the proposed terrace prior to construction.

AT&T has aerial facilities on Kaukauna Utilities service poles that are in conflict along the south side of the roadway throughout the project limits. AT&T will be relocating these aerial facilities prior to construction.

AT&T has underground facilities located in a duct package (two or three 4-inch conduit depending upon location) along the south side of the roadway, behind the curb, throughout the project limits. AT&T will lower existing conduit prior to construction at the following locations: from Station 768+30 to Station 768+60 RT, Station 803+00 RT, 803+60 RT, 819+40 RT, 842+20 RT, and 845+60 RT.

AT&T also has underground facilities that cross the proposed storm sewer at Station 826+80 RT and 827+20 RT. The DOT contractor shall perform Utility Line Openings at these locations in accordance with the plans and these special provisions a minimum of 14 days in advance of storm sewer operations to allow conflicts to be resolved with minimal interruption. AT&T will have a representative on site when construction operations are occurring at these locations.

AT&T will be installing new underground facilities and relocate one pole during construction. The underground facilities will be installed by boring across Main Street and the side roads at the following locations: Station 819+90, Station 10+50 Sanitorium Road, Station 833+50, Station 10+65 Rosehill Road. AT&T will install these facilities after the new storm sewer, sanitary sewer, and watermain facilities are installed at these locations. The one pole relocation is at Station 845+90 RT. AT&T will install these facilities after the existing curb and gutter has been removed. Notify AT&T 14 days prior to site being ready for them to complete borings and pole relocation. AT&T anticipates that this work will take approximately five working days to install. The existing underground crossings at these locations will be discontinued.

AT&T has two manholes that will need adjustment during construction: Station 792+22 (31' RT) and Station 818+39 (33' RT). Work will include repair or replacement of manhole chimneys. Notify AT&T five business days prior to site being ready for them to complete adjustment and repair.

The utility contact is Eric Adair at (920) 433-4155.

Kaukauna Utilities (Electric)
Kaukauna Utilities has overhead electric facilities located along the north and south sides of the roadway throughout the project limits. The utility poles on the north side are for the primary overhead transmission line plus additional service poles, and the utility poles on the south side are for overhead services.

The existing poles at Station 793+30 LT and Station 834+50 LT are located within the proposed pavement limits and will be relocated to within the proposed terrace by Kaukauna Utilities prior to construction.

In addition, there are poles located less than 2.5-feet from the back of the proposed curb that will be relocated to within the proposed terrace prior to construction.

Kaukauna Utilities will be relocating service poles to within the proposed terrace that are in conflict with sidewalk and driveway construction prior to construction.

Kaukauna Utilities has poles located within 2.5 feet to 3 feet of the proposed back of curb that will remain in place. These poles will be in potential conflict with integral curb and gutter construction. Contractor shall work around existing poles, and may require hand work at these locations.

Kaukauna Utilities has underground electric facilities on the north side of the roadway behind the curb from Station 791+50 to 796+50 LT and Station 824+00 LT to 828+00 LT that will need to be crossed by storm sewer laterals constructed as part of this project. The DOT contractor shall perform Utility Line Openings at these locations in accordance with the plans and these special provisions a minimum of 14 days in advance of storm sewer operations to allow conflicts to be resolved with minimal interruption. Kaukauna Utilities will have a representative on site when construction operations are occurring in this area and will make adjustments concurrently with these operations.

The utility contact is Eric Miller at (920) 462-0214.

Time Warner Cable (Communications)
Time Warner has aerial facilities located on Kaukauna Utilities poles throughout the construction limits. Time Warner Cable will relocate their facilities prior to construction.

Time Warner Cable has buried facilities located in the northwest quadrant of the Lewis Street intersection behind the curb. No conflicts are anticipated with this facility.

The utility contact is Vince Albin at (920) 831-9249.

Village of Little Chute (Sanitary Sewer)
The Village of Little Chute has existing sanitary sewer facilities located throughout the construction limits.

The Village will be replacing all existing facilities including laterals prior to and concurrently with construction, refer to Prosecution and Progress special provision for the anticipated tentative schedule and additional information regarding the Village contracts. The DOT contractor is responsible for coordinating work operations with the Village's contractor.

The utility contact is Roy Vangheem at (920) 788-7395.

Village of Little Chute (Water)
The Village of Little Chute has existing water main facilities located throughout the construction limits.

The Village will be replacing all existing facilities including laterals prior to and concurrently with construction, refer to Prosecution and Progress special provision for the anticipated tentative schedule and additional information regarding the Village contracts. The DOT contractor is responsible for coordinating work operations with the Village's contractor.

The utility contact is Roy Vangheem at (920) 788-7395.

WE Energies (Gas)

WE Energies has a 3-inch steel gas main located along the south side of the roadway from Station 768+00 to Station 842+00. All existing services are 1-inch steel. WE Energies will be replacing these facilities both prior to and concurrently with construction. The proposed schedule of operations is as follows:

Beginning February 4, 2013, a new 4-inch polyethylene (PE) gas main will be installed on the north side of Main Street with the existing gas main on the south side remaining in place. Six new crossings will be installed at the intersections of: Van Buren Street, Harrison Street, Buchanan Street, Sue Street, Sanatorium Road, and Rose Hill Road. These crossings will be set close to the top of the new storm sewer pipe elevation. Notify We Energies 14 days in advance and We Energies will hold the line while new storm sewer is being installed at each location. New services will be installed from the new main to each of the properties on the north side of Main Street. The existing services from these properties to the existing main on the south side will be discontinued. The properties on the south side of Main Street will continue to be serviced from the existing gas main. Sidewalk that is removed in order to install the new facilities will be replaced slurry and or screenings. This work will be completed prior to construction. There will be

no live gas services crossing Main Street when the sanitary sewer, water main, and storm sewer are being constructed in 2013.

Once the pavement is removed, and the new storm sewer, sanitary sewer, and water main (sanitary sewer and water main by the Village's contractor) is installed for a given block of the roadway, We-Energies will come back to complete their work prior to paving operations. The remaining work for We-Energies will consist of installing new services from the new gas main on the north side of Main Street to each of the properties on the south side. The existing gas main on the south side of Main Street will be abandoned in place. We Energies will follow-up behind the contractor to perform their work on a block by block basis. Notify We Energies 14 days prior in order to schedule gas lateral installation.

Storm sewer laterals, as well as storm sewer inlet leads at side streets, constructed as part of this project will cross both the proposed and existing gas mains. The DOT contractor will perform utility line openings in accordance with the plans and these special provisions a minimum of 14 days in advance of storm sewer operations to allow conflicts to be resolved with minimal interruption. We Energies will have a representative on-site when construction operations are occurring at these locations.

WE Energies Gas utility contact is Thomas Borchart at (920) 347-3449.

6. Work by Others.

Sanitary sewer and water main will be replaced under two separate contracts by the Village of Little Chute prior to and concurrently with this project. Coordinate work operations with the Village's contractor. Contact the Village of Little Chute for additional information regarding the status of the Village contracts. The contact person is Roy VanGheem, Director of Public Works, at (920) 788-7395.

Fox Valley Transit has a bus shelter located at Station 822+75 RT. This shelter will be removed by Fox Valley Transit prior to construction. A new concrete slab will be constructed at this location as part of the project. Fox Valley Transit will be installing a new shelter at this location after the new concrete slab has been completed. Coordinate work operations with the Fox Valley Transit. Fox Valley Transit also has bus stop signs throughout the corridor that will be removed by Fox Valley Transit. Notify Fox Valley Transit a minimum of two weeks prior to closing STH 96. Contact: Brent Detweiler at (920) 832-2295.

The Village of Little Chute will be planting trees in the terrace areas throughout the project limits on both sides of the street. The Village will also be landscaping the curb and gutter planting areas located behind the sidewalk between Station 820+00 RT to Station 828+00 RT. This work will occur concurrently with topsoil, fertilizer, and sod lawn operations under this contract. Coordinate work operations with the Village's contractor. Contact: Jeff Elrick, Street Superintendent at (920)788-7380.

Fox Valley Tool and Die located at Station 841+00 LT will be expanding their facilities concurrently with construction. This work will include modifying their existing driveway locations and sanitary sewer and water main laterals from what is currently shown on the plans. The Village of Little Chute will provide the revised locations and plan requirements. Contact Roy Vangheem, Director of Public Works at (920)788-7395.

7. Notice to Contractor – Coordination of Contracts; Traffic Control and Erosion Control.

The Village's contractor(s) for the sanitary sewer and watermain installation will be constructing their projects with the roadway remaining open to all traffic**.** When construction operations begin for the DOT contract, the DOT's contractor shall close the roadway and mark the detour route in accordance to the plan details and these special provisions**.** At that time, the Village's contractor(s) will be responsible for protecting their own work operations; the DOT's contractor shall be responsible for all other traffic control.

The Village's contractor(s) for the sanitary sewer and watermain installation will be installing and maintaining inlet protection on all existing inlets as part of their work operations**.** The plan quantities for the DOT contract include inlet protection on the same existing inlets**.** Prior to beginning construction operations on the DOT contract, the department and the DOT contractor will review the condition of the existing inlet protection to determine which locations the condition of the protection is acceptable and can remain in-place or if it is in need of replacement**.** If the condition is acceptable to the engineer, the DOT contractor will be allowed to maintain the existing inlet protection. Inlet protection remaining in place will be paid for at the contract unit prices for the associated inlet protection bid items. The Village's contractor(s) will be responsible for maintaining the inlet protection at locations where their work operations are still on-going.

8. Notice to Contractor – Coordination with U.S. Postal Service.

Contact the Little Chute Post Office two weeks prior to closing sidewalk or road access along any portion of the project.

The contact for the Little Chute Post Office is:

Greg Brux, Postmaster
Little Chute Post Office
514 Grand Avenue
Little Chute, WI 54140
Telephone: (920)687-6671

9. Notice to Contractor – Coordination with Refuse and Recycling Services.

Refuse and recycling pick-up services will be maintained throughout construction operations under this contract. Contact the Little Chute Street Department two weeks prior to the start of construction operations. Provide the access necessary for the Village to maintain this service. The contact for the Little Chute Street Department is as follows:

Jeff Elrick, Assistant Director of Public Works
Little Chute Public Works Department
1940 Buchanan Street
Little Chute, WI 54140
Telephone: (920) 428-6815

10. Notice to Contractor – Vertical Datum.

Elevations on the plan are referenced to NGVD 29 datum. The elevations on WISDOT Project 4075-20-73 (Main Street, Buchanan Street and Sanitorium Road storm sewer project constructed in 2012) as well as the Village's sanitary sewer and water main plans for STH 96, are referenced to an assumed vertical datum established by the Village of Little Chute. It is important to note that many of the benchmarks used for this project are the same as those being utilized for the Village's sanitary sewer and watermain project, but are set at different elevations for each project. Use extra care when using these benchmarks to verify that the correct datum is being used.

11. Notice to Contractor – Removing Concrete.

The quantities for removing pavement, removing curb and gutter, and removing concrete sidewalk shown on the plan is based on existing conditions prior to the start of removals to be done as part of the Village's sanitary sewer and water main construction project. The final quantity for payment will be based on actual field measurements of pavement removed as part of this project. Final measured quantities are anticipated to vary greatly from plan quantity.

12. Notice to Contractor – St. John's Cemetery.

The Wisconsin Department of Transportation has been authorized to work within the reported boundaries of an un-cataloged burial site(s) BOU-0031 (St. John's Catholic Cemetery).

If human bone is discovered during construction, cease work activities immediately and notify the engineer**.** The engineer will contact the Wisconsin Historical Society at (800) 342-7834 or (608) 264-6507 for compliance with Wis. State. 157.70 regarding the protection of human burial sites.

To the extent practical limit work activities adjacent to the cemetery to the area defined by the slope intercepts**.** Install Fence Safety to protect the area as shown on the plans.

13. Notice to Contractor - Curb and Gutter Construction.

There are obstructions including water shut-off valves and utility poles within 3 feet of the back of the proposed curb and gutter**.** No additional payment will be made for interference with slip-form integral curb and gutter.

14. Public Convenience and Safety.

Revise standard spec 107.8(6) as follows:

Check for and comply with local ordinances governing the hours of operation of construction equipment. Do not operate motorized construction equipment from 10:00 PM until the following 7:00 AM, unless prior written approval is obtained from the engineer.
107-001 (20060512)

For permission to work between the hours of 10:00 PM and 7:00 AM, contact Police Chief Erik Misselt of the Fox Valley Metro Police Department at (920) 788-7505.

15. Coordination with Businesses and Property Owners.

The contractor shall arrange and conduct a meeting with the project engineer, local officials, the village's sanitary sewer and watermain contractors, business people, and property owners affected by the construction project. The first meeting will be held 14 days prior to the start of work under this contract; two meetings per month will be held thereafter. At these meetings discuss the projects schedule of operations, current and upcoming construction staging and traffic patterns, progress of the project, access for business and property owners during construction and any problems associated with vehicular and pedestrian access during construction operations. The contractor shall have the approved detailed traffic control plan available for discussion at the initial coordination meeting.

16. Removing Manholes and Removing Inlets.

Supplement standard spec 204 to include the following:

Remove and haul all covers including frames, grates, or lids, which are not designated to be reused elsewhere on the project to the Village of Little Chute's Public Works shop**.** The shop is located at 1940 Buchanan Street, Little Chute, WI**.** Notify the Village's Public Works Street Department Foreman, Marty Janssen, at (920) 788-7395 at least three working days prior to make arrangements for delivering the covers**.** No deliveries shall be made on Fridays**.** This work is considered incidental to the pertinent inlet and manhole removal items**.**

17. Excavation, Hauling, and Disposal of Petroleum Contaminated Soil, Item 205.0501.S.

A Description

A.1 General

This special provision describes excavating, loading, hauling, and disposing of petroleum contaminated soil at a DNR approved bioremediation facility. The closest DNR approved bioremediation facilities are:

Veolia ES Hickory Meadows Landfill
W3105 Schneider Road
Hilbert, Wisconsin 54129

Waste Management Solutions Ridgeview Landfill
6207 Hempton Lake Road
Whitelaw, Wisconsin 54247

Perform this work in accordance to standard spec 205 and with pertinent parts of Chapters NR 700-754 of the Wisconsin Administrative Code, as supplemented herein. Per NR 718.07, a solid waste collection and transportation service-operating license is required under NR 502.06 for each vehicle used to transport contaminated soil.

This special provision also describes pumping and disposing of contaminated groundwater (if dewatering is necessary).

Perform this work in accordance to standard spec 205 and with pertinent parts of Chapters NR 100-299 of the Wisconsin Administrative Code, as supplemented herein. Perform all work necessary to control, handle, and dispose of groundwater and surface water, and all other water that may be encountered within contaminated areas, as required for performance of the work.

A.2 Notice to the Contractor – Contaminated Soil and Groundwater Location(s)

The department completed testing for soil and groundwater contamination for locations within this project where excavation is required. Testing indicated that petroleum-contaminated soil and/or groundwater is present at the following location(s) as shown on the plans:

Soil contamination:

- Station 842+00 to 842+75 from STH 96 reference line to construction limits left.
- Groundwater contamination (if dewatering is necessary):
- Station 828+00 to 829+00 from 5 feet right of the STH 96 reference line to construction limits right.
- Station 842+00 to 842+75 from STH 96 reference line to construction limits left.

Contaminated soils and/or groundwater and/or underground storage tanks (USTs) may be encountered at other locations within the construction limits. If contaminated soils and/or groundwater and/or USTs are encountered elsewhere on the project, terminate excavation activities in the area and notify the engineer. Contaminated soil and/or groundwater at other locations shall be managed by the contractor under this contract. USTs will be removed by others.

For further information regarding previous investigation and remediation activities at these sites contact:

Name:	Kathie VanPrice
	Wisconsin DOT, Northeast Region
Address:	944 Vanderperren Way
	Green Bay, WI 54324
Phone:	(920) 492-7175
Fax:	(920) 492-5640
E-mail:	Kathie.vanprice@dot.state.wi.us

Name:	Dan Haak
	TRC Environmental Corporation
Address:	708 Heartland Trail, Ste 3000
	Madison, WI 53717
Phone:	(608) 826-3628
Fax:	(608) 826-3941
E-mail:	DHaak@trcsolutions.com

A.3 Coordination

Coordinate work under this contract with the environmental consultant retained by the department:

Consultant:	TRC Environmental Corporation
Address:	708 Heartland Trail, Suite 3000, Madison, WI 53717
Fax:	(608) 826-3941

Contact:	Dan Haak
Phone:	(608) 826-3628 (office), (608) 886-7423 (mobile)
E-mail:	DHaak@trcsolutions.com

Contact:	Katherine Vater
Phone:	608-826-3663 (office), 608-807-8968 (mobile)
E-mail:	kvater@trcsolutions.com

The role of the environmental consultant will be limited to:

1. Determining the location and limits of contaminated soil to be excavated based on soil analytical results from previous investigations, visual observations, and field screening of soil that is excavated.

2. Identifying contaminated soils to be hauled to the bioremediation facility.

3. Documenting that activities associated with management of contaminated soil are in conformance with the contaminated soil management methods for this project as specified herein.

4. Obtaining the necessary approvals for disposal of contaminated soil from the bioremediation facility.

5. Identifying contaminated groundwater to be pumped for treatment and disposal (if dewatering is necessary). Coordinating groundwater characterization and approval for disposal of contaminated water with the Village of Little Chute and the Heart of the Valley Sanitary District.

Provide at least a 14-calendar day notice of the preconstruction conference date to the environmental consultant. At the preconstruction conference, provide a schedule for all excavation activities in the areas of contamination to the environmental consultant. Also notify the environmental consultant at least three calendar days prior to commencement of excavation activities in each of the contaminated areas.

Identify the DNR approved bioremediation facility that will be used for disposal of contaminated soils, and provide this information to the environmental consultant no later than 30 calendar days prior to commencement of excavation activities in the contaminated areas or at the preconstruction conference, whichever comes first. The environmental consultant will be responsible for obtaining the necessary approvals for disposal of contaminated soils from the bioremediation facility.

Coordinate with the environmental consultant to ensure that the environmental consultant is present during excavation activities in the contaminated areas. Perform excavation work in each of the contaminated areas on a continuous basis until excavation work is completed. Do not transport contaminated soil or pump contaminated groundwater offsite without prior approval from the environmental consultant.

A.4 Protection of Groundwater Monitoring Wells

Groundwater monitoring wells may be present within the construction limits. Protect all groundwater monitoring wells to maintain their integrity. Adjust wells that do not conflict with utilities, structures, curb and gutter, etc. to be flush with the final grade. For wells that conflict with the previously mentioned items, notify the environmental consultant, and coordinate with the environmental consultant the abandonment or adjustment of the wells by others. The environmental consultant will provide maps indicating the locations of all known monitoring wells, if requested by the contractor.

A.5 Excavation Management Plan Approval

The excavation management plan for this project has been designed to minimize the off-site disposal of contaminated material. The excavation management plan, including these special provisions, has been developed in cooperation with the WDNR. The WDNR's concurrence letter is on file at the Wisconsin Department of Transportation. For further

information regarding the investigations, including waste characterization within the project limits, contact Kathie VanPrice with the department, at (920) 492-7175.

A.6 Health and Safety Requirements for Workers Remediating Contamination
Supplement standard spec 107.1 with the following:

During excavation activities, expect to encounter soil contaminated with gasoline, diesel fuel, fuel oil, or other petroleum related products. Site workers taking part in activities that will result in the reasonable probability of exposure to safety and health hazards associated with hazardous materials shall have completed health and safety training that meets the Occupational Safety and Health Administration (OSHA) requirements for Hazardous Waste Operations and Emergency Response (HAZWOPER), as provided in 29 CFR 1910.120.

Prepare a site-specific Health and Safety Plan, and develop, delineate and enforce the health and safety exclusion zones for each contaminated site location as required by 29 CFR 1910.120. Submit the site-specific health and safety plan and written documentation of up-to-date OSHA training to the engineer prior to the start of work.

Disposal of petroleum-contaminated soil at the bioremediation facility is subject to the facility's safety policies.

B (Vacant)

C Construction
Supplement standard spec 205.3 with the following:

Control operations in the contaminated areas to minimize the quantity of contaminated soil excavated.

The environmental consultant will periodically evaluate soil excavated from the contaminated areas to determine if the soil will require offsite bioremediation. The environmental consultant will evaluate excavated soil based on field screening results, visual observations, and soil analytical results from previous environmental investigations. Assist the environmental consultant in collecting soil samples for evaluation using excavation equipment. The sampling frequency shall be a maximum of one sample for every 20 cubic yards excavated.

On the basis of the results of such field-screening, the material will be designated for disposal as follows:

- Excavation Common consisting of clean soil and/or clean construction and demolition fill (such as clean soil, boulders, concrete, reinforced concrete, bituminous pavement, bricks, building stone, and unpainted or untreated wood), which under NR 500.08 are exempt materials.

- Low-level contaminated material (PID readings less then 10 ppm and no observation of staining or petroleum odor) for reuse as fill within the construction limits.
- Contaminated soil (significant petroleum odor, staining, and/or PID readings greater than 10 ppm) for off-site treatment and disposal at the WDNR-licensed bioremediation facility.
- Potentially contaminated material for temporary stockpiling and additional characterization prior to disposal.

Some material may require additional characterization prior to disposal. Provide for the temporary stockpiling of up to 250 cubic yards of contaminated soil on-site that require additional characterization. Construct and maintain a temporary stockpile of the material in accordance to NR 718.05(3), including, but not limited to, placement of the contaminated soil/fill material on an impervious surface and covering the stockpile with impervious material to prevent infiltration of precipitation. The department's environmental consultant will collect representative samples of the stockpiled material, laboratory-analyze the samples, and advise the contractor, within 10 business days of the construction of the stockpile, of disposal requirements. The stockpiled material shall be disposed either at the WDNR-licensed disposal facility by the contractor or, if characterized as hazardous waste, by the department. As an alternative to temporarily stockpiling contaminated soil/fill material that requires additional characterization, the contractor has the option of suspending excavation in those areas where such soil is encountered until such time as characterization is completed.

Directly load and haul soils designated by the environmental consultant for offsite bioremediation to the DNR approved bioremediation facility. Verify that vehicles used to transport contaminated material are licensed for such activity in accordance to applicable state and federal regulations. Use loading and hauling practices that are appropriate to prevent any spills or releases of petroleum-contaminated soils or residues. Prior to transport, sufficiently dewater soils designated for off-site bioremediation so as not to contain free liquids.

When material is encountered outside the above-identified limits of known contamination that appears to have been impacted with petroleum or chemical products, or when other obvious potentially contaminated materials are encountered or material exhibits characteristics of industrial-type wastes, such as fly ash, foundry sand, and cinders, or when underground storage tanks are encountered, suspend excavation in that area and notify the engineer.

Groundwater may be present within the construction limits. Water generated during dewatering operations (if necessary) is expected to be permitted to discharge to the surface except in the contaminated areas.

Water generated from dewatering activities within the contaminated groundwater may exceed the surface water discharge limits for petroleum compounds specified in the DNR's "General Permit to Discharge under the Wisconsin Pollutant Discharge Elimination System" for "Contaminated Groundwater from Remedial Action Operations" (WPDES Permit No. WI-0046566-5), Table 3.1.

Pump contaminated water that exceeds surface water discharge limits, as determined by environmental consultant, to the Village of Little Chute sanitary sewer as necessary to complete construction. Allow contaminated water encountered, but not requiring removal as a standard course of construction, to remain in-place and do not manage in accordance to this special provision.

The environmental consultant will coordinate approval of contaminated water discharge with the Village of Little Chute and the Heart of the Valley Sanitary District. Only pump contaminated groundwater if the environmental consultant is on-site.

For dewatering in contaminated areas with discharge to a location other than the Village of Little Chute sanitary sewer, the means and methods and pumping rates will impact dewatering on the entire project corridor. Obtain DNR concurrence on any dewatering plans, and provide and operate any and all equipment required.

Employ construction methods and techniques in a manner that will minimize the need for dewatering, and if dewatering is required, minimize the volume of water generated. Take measures to limit groundwater, surface water, and precipitation from entering and exiting excavations in the areas of contamination. Such measures, which may include berming, ditching, or other means, shall be maintained until construction of utilities in the areas of contamination are complete.

Ensure continuous dewatering and excavation safety at all times. Provide, operate, and maintain adequate pumping equipment and drainage and disposal facilities. Notify the engineer of any dewatering activities, and obtain any permits necessary to discharge water. Provide copies of such permits to the engineer. Meet any requirements and pay any costs for obtaining and complying with such permit use. Follow all applicable legislative statues, judiciary decisions, and regulations of the State of Wisconsin.

D Measurement

The department will measure Excavation, Hauling, and Disposal of Petroleum Contaminated Soil in tons of contaminated soil accepted by the bioremediation facility as documented by weight tickets generated by the bioremediation facility. Load tickets must be delivered to the engineer within 10 business days of the date on which the soil was accepted by the bioremediation facility. The Management of Petroleum Contaminated Groundwater is considered incidental to the other items in the contract.

E Payment

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

ITEM NUMBER	DESCRIPTION	UNIT
205.0501.S	Excavation, Hauling, and Disposal of Petroleum Contaminated Soil and Management of Petroleum Contaminated Groundwater	Ton

Payment is full compensation for excavating, segregating, loading, hauling, and treatment via bioremediation of contaminated soil; obtaining solid waste collection and transportation service operating licenses; assisting in the collection soil samples for field evaluation; dewatering of soils prior to transport, if necessary.

18. QMP Base Aggregate.

A Description

A.1 General

(1) This special provision describes contractor quality control (QC) sampling and testing for base aggregates, documenting those test results, and documenting related production and placement process changes. This special provision also describes department quality verification (QV), independent assurance (IA), and dispute resolution.

(2) Conform to standard spec 301, standard spec 305, and standard spec 310 as modified here in this special provision. Apply this special provision to material placed under all of the Base Aggregate Dense and Base Aggregate Open Graded bid items, except do not apply this special provision to material classified as reclaimed asphaltic pavement placed under the Base Aggregate Dense bid items.

(3) Do not apply this special provision to material placed under the Aggregate Detours, Salvaged Asphaltic Pavement Base, Breaker Run, Select Crushed, Pit Run, Subbase, or Riprap bid items.

(4) Provide and maintain a quality control program, defined as all activities related to and documentation of the following:

1. Production and placement control and inspection.
2. Material sampling and testing.

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

http://roadwaystandards.dot.wi.gov/standards/cmm/index.htm

A.2 Contractor Testing for Small Quantities

(1) The department defines a small quantity, for each individual Base Aggregate bid item, as a plan quantity of 9000 tons or less of material as shown in the schedule of items under that bid item.

(2) The requirements under this special provision apply equally to a small quantity for an individual bid item except as follows:

1. The contractor need not submit a full quality control plan but shall provide an organizational chart to the engineer including names, telephone numbers, and current certifications of all persons involved in the quality control program for material under affected bid items.
2. Divide the aggregate into uniformly sized sublots for testing as follows:

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

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

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

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

3. No control charts are required. Submit aggregate load-out and placement test results to the engineer within one business day of obtaining the sample. Assure that all properties are within the limits specified for each test.
4. Department verification testing is optional for quantities of 6000 tons or less.

(3) Material represented by a sublot with any property outside the specification limits is nonconforming. The department may reject material or otherwise determine the final disposition of nonconforming material as specified in standard spec 106.5.

B Materials

B.1 Quality Control Plan

(1) Submit a comprehensive written quality control plan to the engineer at or before the pre-construction meeting. Do not place base before the engineer reviews and comments on the plan. Construct the project as that plan provides.

(2) Do not change the quality control plan without the engineer's review. Update the plan with changes as they become effective. Provide a current copy of the plan to the engineer and post in each of the contractor's laboratories as changes are adopted. Ensure that the plan provides the following elements:

1. An organizational chart with names, telephone numbers, current certifications and/or titles, and roles and responsibilities of QC personnel.
2. The process used to disseminate QC information and corrective action efforts to the appropriate persons. Include a list of recipients, the communication means that will be used, and action time frames.
3. A list of source and processing locations, section and quarter descriptions, for all aggregate materials requiring QC testing.
4. Test results for wear, sodium sulfate soundness, freeze/thaw soundness, and plasticity index of all aggregates requiring QC testing. Obtain this information from the region materials unit or from the engineer.
5. Descriptions of stockpiling and hauling methods.
6. Locations of the QC laboratory, retained sample storage, and where control charts and other documentation is posted.
7. An outline for resolving a process control problem. Include responsible personnel, required documentation, and appropriate communication steps.

B.2 Personnel

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

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

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

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

B.3 Laboratory

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

Materials Management Section
3502 Kinsman Blvd.
Madison, WI 53704
Telephone: (608) 246-5388
http://www.dot.state.wi.us/business/engrserv/lab-qualification.htm

B.4 Quality Control Documentation

B.4.1 General

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

B.4.2 Records

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

B.4.3 Control Charts

(1) Plot gradation and fracture on the appropriate control chart as soon as test results are available. Format control charts according to CMM 8.30. Include the project number on base placement control charts. Maintain separate control charts for each base aggregate size, source or classification, and type.

(2) Provide control charts to the engineer within 6 hours after obtaining a sample. For 3-inch base, extend this 6-hour limit to 24 hours. Post or distribute charts using a method mutually agreeable to the engineer and contractor. Update control charts daily to include the following:

1. Contractor individual QC tests.
2. Department QV tests.
3. Department IA tests.
4. Four-point running average of the QC tests.

(3) Except as specified under B.8.2.1 for nonconforming QV tests, include only QC tests in the running average. The contractor may plot process control or informational tests on control charts, but do not include these tests, conforming QV tests, or IA tests in the running average.

B.5 Contractor Testing

(1) Test gradation, fracture, liquid limit and plasticity index during placement for each base aggregate size, source or classification, and type.

(2) Test gradation once per 3000 tons of material placed. Determine random sample locations and provide those sample locations to the engineer. Obtain samples after the material has been bladed, mixed, and shaped but before compacting; except collect 3-inch samples from the stockpile at load-out. Do not sample from material used to maintain local traffic or from areas of temporary base that will not have an overlying pavement. On days when placing only material used to maintain local traffic or only temporary base that will not have an overlying pavement, no placement testing is required.

(3) Split each contractor QC sample and identify it according to CMM 8.30. Retain the split for 7 calendar days in a dry, protected location. If requested for department comparison testing, deliver the split to the engineer within one business day.

(4) The engineer may require additional sampling and testing to evaluate suspect material or the technician's sampling and testing procedures.

(5) Test fracture for each gradation test until the fracture running average is above the lower warning limit. Subsequently, the contractor may reduce the frequency to one test per 10 gradation tests if the fracture running average remains above the warning limit.

(6) Test the liquid limit and plasticity index for the first gradation test. Subsequently, test the liquid limit and plasticity index a minimum of once per 10 gradation tests.

B.6 Test Methods

B.6.1 Gradation

(1) Test gradation using a washed analysis conforming to the following as modified in CMM 8.60:

Gradation..... AASHTO T 27
Material finer than the No. 200 sieve..... AASHTO T 11

(2) For 3-inch base, if 3 consecutive running average points for the percent passing the No. 200 sieve are 8.5 percent or less, the contractor may use an unwashed analysis. Wash at least one sample out of 10. If a single running average for the percent passing the No. 200 sieve exceeds 8.5 percent, resume washed analyses until 3 consecutive running average points are again 8.5 percent passing or less.

(3) Maintain a separate control chart for each sieve size specified in standard spec 305 or standard spec 310 for each base aggregate size, source or classification, and type. Set control and warning limits based on the standard specification gradation limits as follows:

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

B.6.2 Fracture

(1) Test fracture conforming to CMM 8.60. The engineer will waive fractured particle testing on quarried stone.

(2) Maintain a separate fracture control chart for each base aggregate size, source or classification, and type. Set the lower control limit at the contract specification limit, either specified in another special provision or in table 301-2 of standard spec 301.2.4.5. Set the lower warning limit 2 percent above the lower control limit. There are no upper limits.

B.6.3 Liquid Limit and Plasticity

(1) Test the liquid limit and plasticity according to AASHTO T 89 and T 90.

(2) Ensure the material conforms to the limits specified in standard spec table 301-2.

B.7 Corrective Action

B.7.1 General

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

B.7.2 Placement Corrective Action

(1) Do not blend additional material on the roadbed to correct gradation problems.

(2) Notify the engineer whenever the running average exceeds a warning limit. When 2 consecutive running averages exceed a warning limit, the engineer and contractor will discuss appropriate corrective action. Perform the engineer's recommended corrective action and increase the testing frequency as follows:

1. For gradation, increase the QC testing frequency to at least one randomly sampled test per 1000 tons placed.
2. For fracture, increase the QC testing frequency to at least one test per gradation test.

(3) If corrective action improves the property in question such that the running average after 4 additional tests is within the warning limits, the contractor may return to the testing frequency specified in B.5.3. If corrective action does not improve the property in question such that the running average after 4 additional individual tests is still in the warning band, repeat the steps outlined above starting with engineer notification.

(4) If the running average exceeds a control limit, material starting from the first running average exceeding the control limit and ending at the first subsequent running average inside the control limit is nonconforming and subject to pay reduction.

(5) For individual test results significantly outside the control limits, notify the engineer, stop placing base, and suspend other activities that may affect the area in question. The engineer and contractor will jointly review data, data reduction, and data analysis; evaluate sampling and testing procedures; and perform additional testing as required to determine the extent of potentially unacceptable material. The engineer

may direct the contractor to remove and replace that material. Individual test results are significantly outside the control limits if meeting one or more of the following criteria:

1. A gradation control limit for the No. 200 sieve is exceeded by more than 3.0 percent.
2. A gradation control limit for any sieve, except the No. 200, is exceeded by more than 5.0 percent.
3. The fracture control limit is exceeded by more than 10.0 percent.

B.8 Department Testing

B.8.1 General

(1) The department will conduct verification testing to validate the quality of the product and independent assurance testing to evaluate the sampling and testing. The department will provide the contractor with a listing of names and telephone numbers of all QV and IA personnel for the project, and provide test results to the contractor within 2 business days after the department obtains the sample.

B.8.2 Verification Testing

B.8.2.1 General

(1) The department will have an HTCP technician, or ACT working under a certified technician, perform QV sampling and testing. Department verification testing personnel must meet the same certification level requirements specified in B.2 for contractor testing personnel for each test result being verified. The department will notify the contractor before sampling so the contractor can observe QV sampling.

(2) The department will conduct QV tests of each base aggregate size, source or classification, and type during placement conforming to the following:

1. One non-random test on the first day of placement.
2. At least one random test per 30,000 tons, or fraction of 30,000 tons, placed.

(3) The department will sample randomly, at locations independent of the contractor's QC work, collecting one sample at each QV location. The department will collect QV samples after the material has been bladed, mixed, and shaped but before compacting; except, for 3-inch aggregates, the department will collect samples from the stockpile at load-out. The department will split each sample, test half for QV, and retain half.

(4) The department will conduct QV tests in a separate laboratory and with separate equipment from the contractor's QC tests. The department will use the same methods specified for QC testing.

(5) The department will assess QV results by comparing to the appropriate specification limits. If QV test results conform to the specification, the department will take no further action. If QV test results are nonconforming, add the QV to the QC test results as if it were an additional QC test.

B.8.3 Independent Assurance

(1) Independence assurance is unbiased testing the department performs to evaluate the department's QV and the contractor's QC sampling and testing including personnel qualifications, procedures, and equipment. The department will perform an IA review according to the department's independent assurance program. That review may include one or more of the following:

1. Split sample testing.
2. Proficiency sample testing.
3. Witnessing sampling and testing.
4. Test equipment calibration checks.
5. Reviewing required worksheets and control charts.
6. Requesting that testing personnel perform additional sampling and testing.

(2) If the department identifies a deficiency, and after further investigation confirms it, correct that deficiency. If the contractor does not correct or fails to cooperate in resolving identified deficiencies, the engineer may suspend placement until action is taken. Resolve disputes as specified in B.9.

B.9 Dispute Resolution

(1) The engineer and contractor should make every effort to avoid conflict. If a dispute between some aspect of the contractor's and the engineer's testing program does occur, seek a solution mutually agreeable to the project personnel. The department and contractor may review the data, examine data reduction and analysis methods, evaluate sampling and testing procedures, and perform additional testing. Use ASTM E 178 to evaluate potential statistically outlying data.

(2) Production test results, and results from other process control testing, may be considered when resolving a dispute.

(3) If the project personnel cannot resolve a dispute, and the dispute affects payment or could result in incorporating non-conforming product, the department will use third party testing to resolve the dispute. The department's central office laboratory, or a mutually agreed on independent testing laboratory, will provide this testing. The engineer and contractor will abide by the results of the third party tests. The party in error will pay service charges incurred for testing by an independent laboratory. The department may use third party test results to evaluate the quality of questionable materials and determine the appropriate payment. The department may reject material or otherwise determine the final disposition of nonconforming material as specified in standard spec 106.5.

C (Vacant)

D (Vacant)

E Payment

(1) Costs for all sampling, testing, and documentation required under this special provision are incidental to this work. If the contractor fails to perform the work required under this special provision, the department may reduce the contractor's pay. The department will administer pay reduction under the non-performance of QMP administrative item.

(2) For material represented by a running average exceeding a control limit, the department will reduce pay by 10 percent of the contract price for the affected Base Aggregate bid items listed in subsection A. The department will administer pay reduction under the Nonconforming QMP Base Aggregate Gradation or Nonconforming QMP Base Aggregate Fracture Administrative items. The department will determine the quantity of nonconforming material as specified in B.7.2.

301-010 (20100709)

19. Coloring Concrete Redwood.

Modify standard spec 405.2.1 as follows:

The integral color concrete is intended to match the color and stamp pattern placed as part of a previous project at the intersection of Jackson Street and Main Street located at the west limits of this project. The colorant used for the previous project was Increte System's Redwood with dark grey release. An equivalent color must be provided. Provide a mock-up at a location on the project approved by the engineer. Mock-ups shall be a minimum of 10 feet by 10 feet. The mock-up shall be approved by the Village of Little Chute's Director of Public Works.

Supplement standard spec 405.3(5) as follows:

Imprint the colored concrete with a brick pattern using stamps to be provided by the Village of Little Chute. Contact Jeff Elrick, Assistant Director of Public Works at (920) 428-6815.

The Village owns 8 stamps, the dimensions of each stamp is 2.5 feet by 1.5 feet. The contractor will pick up and return the stamps to the Village of Little Chute Street Department at 1940 Buchanan Street, Little Chute, WI 54140.

20. QMP Ride; Incentive IRI Ride, Item 440.4410.S.

A Description

(1) This special provision describes profiling pavements with a non-contact profiler, locating areas of localized roughness, and determining the International Roughness Index (IRI) for each wheel path segment.

(2) Profile the final riding surface of all mainline pavements, bridges, approaches, and railroad crossings. Roundabouts, and pavements within 150 feet of the points of curvature of roundabout intersections, are excluded from the testing requirements of this provision.

(3) Pavements that are excluded from localized roughness according to C.5.2(1), bridges, and roundabout intersections are subject to engineer-directed straightedging according to the standard specifications. All other surfaces being tested under this provision are exempt from straightedging requirements.

B (Vacant)

C Construction

C.1 Quality Control Plan

(1) Submit a written quality control plan to the engineer at or before the pre-construction conference. Ensure that the plan provides the following elements:

1. An organizational chart with names, telephone numbers, current certifications and/or titles, and roles and responsibilities of all quality control personnel.
2. The process by which quality control information and corrective action efforts will be disseminated to the appropriate persons. Include a list of recipients, the communication means that will be used, and action time frames.
3. The methods and timing used for monitoring and/or testing ride quality throughout the paving process.
4. The evaluation process that will be used to make improvements to the construction operations if poor ride quality is found during the process control testing.
5. The methods that will be used to ensure a smooth pavement transition when matching into existing surfaces such as bridges, bridge approaches, or railroad crossings.
6. The segment locations of each profile run used for acceptance testing.
7. The approximate timing of acceptance testing in relation to the paving operations.

C.2 Personnel

(1) Have a profiler operator, certified under the department's highway technician certification program (HTCP), operate the equipment, collect the required data, and document the results using the methods taught in the HTCP profiling course.

C.3 Equipment

(1) Furnish a profile-measuring device capable of measuring IRI from the list of department-approved devices published on the department's web site:

http://roadwaystandards.dot.wi.gov/standards/qmp/index.htm

(2) Unless the engineer and contractor mutually agree otherwise, arrange to have a calibrated profiler available when paving the final riding surface. Calibrate the profiler according to the manufacturer's recommendations. Provide the engineer with a copy of the most recent calibration results, signed by the certified profiler operator.

(3) Perform daily calibration verification of the profiler using test methods according to the manufacturer's recommendations. Notify the engineer prior to performing the calibration verification. If the engineer requests, arrange to have the engineer observe the calibration verification and operation. Maintain records of the calibration verification activities, and provide the records to the engineer upon request.

C.4 Testing

C.4.1 Run and Reduction Parameters

(1) Enter the equipment-specific department-approved filter settings and parameters listed on the department's ride web site.

C.4.2 Contractor Testing

(1) Operate profilers within the manufacturer's recommended speed tolerances. Perform all profile runs in the direction of travel. Measure the longitudinal profile of each wheel track of each lane. The wheel tracks are 6.0 feet apart and centered in the traveled way of the lane.

(2) Coordinate with the engineer to schedule profile runs for acceptance. The department may require testing to accommodate staged construction or if corrective action may be required.

(3) Measure the profiles of each standard or partial segment. Define primary segments starting at a project terminus and running contiguously along the mainline to the other project terminus. Field-locate the beginning and ending points for each profile run. When applicable, align segment limits with the sublot limits used for testing under the QMP Concrete Pavement specification. Define segments one wheel path wide and distinguished by length as follows:

1. Standard segments are 500 feet long.
2. Partial segments are less than 500 feet long.

(4) Treat partial segments as independent segments.

(5) The department will categorize each standard or partial segment as follows:

Segments with a Posted Speed Limit of 55 MPH or Greater	
Category	**Description**
HMA I	Asphalt pavement with multiple opportunities to achieve a smooth ride. The following operations performed under this contract are considered as opportunities: a layer of HMA, a leveling or wedging layer of HMA, and diamond grinding or milling of the underlying pavement surface.
HMA II	Asphalt pavement with a single opportunity to achieve a smooth ride.
HMA III	Asphalt pavement segments containing any portion of a bridge, bridge approach, railroad crossing, or intersection. An intersection is defined as the area within the points of curvature of the intersection radii.
PCC II	Concrete pavement including all gaps.
PCC III	Concrete pavement segments containing any portion of a bridge, bridge approach, railroad crossing, or intersection. An intersection is defined as the area within the points of curvature of the intersection radii.

Segments with Any Portion Having a Posted Speed Limit Less Than 55 MPH	
Category	**Description**
HMA IV	Asphalt pavement including intersections, bridges, approaches, and railroad crossings.
PCC IV	Concrete pavement including gaps, intersections, bridges, approaches, and railroad crossings.

C.4.3 Verification Testing

(1) The department may conduct verification testing (QV) to validate the quality of the product. A certified HTCP profiler technician will perform the QV testing. The department will provide the contractor with a listing of the names and telephone numbers of all verification personnel for the project.

(2) The department will notify the contractor before testing so the contractor can observe the QV testing. Verification testing will be performed independent of the contractor's QC work using separate equipment from the contractor's QC tests. The department will provide test results to the contractor within 1 business day after the department completes the testing.

(3) The engineer and contractor will jointly investigate any testing discrepancies. The investigation may include additional testing as well as review and observation of both the department's and contractor's testing procedures and equipment. Both parties will document all investigative work.

(4) If the contractor does not respond to an engineer request to resolve a testing discrepancy, the engineer may suspend production until action is taken. Resolve disputes as specified in C.6.

C.4.4 Documenting Profile Runs

(1) Compute the IRI for each segment and analyze areas of localized roughness using the ProVAL software. Within 5 business days after completing a final acceptance profile run, submit a copy of the ProVAL smoothness assurance report showing the IRI for each segment and the areas of localized roughness exceeding an IRI of 175 in/mile. The ProVAL software and department-specified inputs are available on the department's web site:

http://roadwaystandards.dot.wi.gov/standards/qmp/index.htm

(2) As part of the profiler software outputs and ProVAL reports, document the areas of localized roughness and the locations of individual features including construction joints, structure limits, design features, utility fixtures, and other features that might affect the department's evaluation of ride quality. Field-locate the areas of localized roughness prior to the engineer's assessment for corrective actions.

(3) Within 5 business days after completing profiling of the pavement covered under this special provision, unless the engineer and contractor mutually agree to a different timeline, submit the electronic ProVAL project file containing the .ERD files for each profiler acceptance run. Submit profile data using the department's Materials Reporting System (MRS) software available on the department's web site:

http://www.atwoodsystems.com/mrs

C.5 Corrective Actions

C.5.1 General

(1) Correct the ride as the engineer directs. The department will independently assess whether a repair will help or hurt the long-term pavement performance and/or public perception of the ride before deciding on corrective action.

C.5.2 Corrective Actions for Localized Roughness

(1) Apply localized roughness requirements to all pavements, including HMA III, PCC III, HMA IV, and PCC IV; except localized roughness requirements will not be applied to pavements within 25 feet of the following surfaces if they are not constructed under this contract: bridges, bridge approaches, or railroad crossings. The department may direct the contractor to make corrections to the pavement within the 25-foot exclusionary zones and will compensate the contractor for the extra work.

(2) The engineer will review each individual wheel track for areas of localized roughness. The engineer will assess areas of localized roughness that exceed an IRI of 175 in/mile and do one of the following for each location:

1. Direct the contractor to correct the area to minimize the effect on the ride.
2. Leave the area of localized roughness in place with no pay reduction.

3. Except for HMA IV and PCC IV segments, assess a pay reduction as follows for each location in each wheel path:

Localized Roughness IRI (in/mile)	Pay Reduction[1] (dollars)
> 175	(Length in Feet) x (IRI – 175)

[1] A maximum $250 pay reduction may be assessed for locations of localized roughness that are less than or equal to 25 feet long. Locations longer than 25 feet may be assessed a maximum pay reduction of $10 per foot.

(3) The engineer will not direct corrective action or assess a pay reduction for an area of localized roughness without independent identification of that area as determined by physically riding the pavement. For corrections, use only techniques the engineer approves.

(4) Re-profile corrected areas to verify that the IRI is less than 140 in/mile after correction. Submit a revised ProVAL smoothness assurance report for the corrected areas to validate the results.

C.5.3 Corrective Actions for Excessive IRI

(1) If an individual segment IRI exceeds 140 in/mile for HMA I, HMA II, and PCC II pavements after correction for localized roughness, the engineer may require the contractor to correct that segment. Correct the segment final surface as follows:

HMA I: Correct to an IRI of 60 in/mile using whichever of the following methods the engineer directs:
Mill and replace the full lane width of the riding surface excluding the paved shoulder.
Correct the full lane width using techniques approved by the engineer.

HMA II: Correct to an IRI of 85 in/mile using whichever of the following methods the engineer directs:
Mill and replace the full lane width of the riding surface excluding the paved shoulder.
Correct the full lane width using techniques approved by the engineer.

PCC II: Correct to an IRI of 85 in/mile using whichever of the following methods the engineer directs:
Continuous diamond grinding of the full lane width of the riding surface including adjustment of the paved shoulders
Correct the full lane width using techniques approved by the engineer.

(2) Re-profile corrected segments to verify that the final IRI meets the above correction limits and there are no areas of localized roughness. Submit a revised ProVAL smoothness assurance report for the corrected areas to validate the results. Segments

failing these criteria after correction are subject to the engineer's right to adjust pay for non-conforming work under standard spec 105.3.

C.6 Dispute Resolution

(1) The engineer and contractor should make every effort to avoid conflict. If a dispute between some aspect of the contractor's and the engineer's testing program does occur, seek a solution mutually agreeable to the project personnel. The department and contractor may review the data, examine data reduction and analysis methods, evaluate testing procedures, and perform additional testing.

(2) If the project personnel cannot resolve a dispute and the dispute affects payment or could result in incorporating nonconforming pavement, the department will use third party testing to resolve the dispute. The department's Quality Assurance Unit, or a mutually agreed on independent testing company, will provide this testing. The engineer and contractor will abide by the results of the third party tests. The party in error will pay service charges incurred for testing by an independent tester. The department may use third party tests to evaluate the quality of questionable pavement and determine the appropriate payment.

D Measurement

(1) The department will measure Incentive IRI Ride by the dollar, adjusted as specified in E.2.

E Payment

E.1 Payment for Profiling

(1) Costs for furnishing and operating the profiler, documenting profile results, and correcting the final pavement surface are incidental to the contract.

E.2 Pay Adjustment

(1) The department will pay incentive for ride under the following bid item:

ITEM NUMBER	DESCRIPTION	UNIT
440.4410.S	Incentive IRI Ride	DOL

(2) Incentive payment is not limited, either up or down, to the amount the schedule of items shows.

(3) The department will administer disincentives for ride under the Disincentive IRI Ride administrative item.

(4) The department will not assess disincentive on HMA III or PCC III segments. Incentive pay for HMA III and PCC III segments will be according to the requirements for the category of the adjoining segments.

(5) The department will adjust pay for each segment based on the initial IRI for that segment before any corrective action is taken. The department will base disincentives on the IRI after correction for pavement meeting the following conditions:

All Pavement:	The corrective work is performed in a contiguous, full lane width section 500 feet long, or a length as agreed with the engineer.
HMA Pavements:	The corrective work is a mill and inlay or full depth replacement and the inlay or replacement layer thickness conforms to standard spec 460.3.2.
Concrete Pavements:	The corrective work is a full depth replacement and conforms to standard spec 415.

(6) The department will adjust pay for 500-foot long standard segments nominally one wheel path wide using equation "QMP 1.03" as follows:

HMA I	
Initial IRI (inches/mile)	**Pay Adjustment[1] (dollars per standard segment)**
< 30	250
≥ 30 to <35	1750 – (50 x IRI)
≥ 35 to < 60	0
≥ 60 to < 75	1000 – (50/3 x IRI)
≥ 75	-250

HMA II and PCC II	
Initial IRI (inches/mile)	**Pay Adjustment[1] [2] (dollars per standard segment)**
< 50	250
≥ 50 to < 55	2750 – (50 x IRI)
≥ 55 to < 85	0
≥ 85 to < 100	(4250/3) – (50/3 x IRI)
≥ 100	-250

HMA IV and PCC IV	
Initial IRI (inches/mile)	**Pay Adjustment[1] [2] (dollars per standard segment)**
< 50	250
≥ 50 to < 75	750 – (10 x IRI)
≥ 75	0

[1] If the engineer directs placing upper layer asphaltic mixtures between October 15 and May 1 for department convenience as specified in standard spec 450.3.2.1(5), the department will not adjust pay for ride on pavement the department orders the contractor to place when the temperature, as defined in standard spec 450.3.2.1(2), is less than 36 F.

[2] If the engineer directs placing concrete pavement for department convenience, the department will not adjust pay for ride on pavement the department orders the contractor to place when the air temperature falls below 35 F.

(7) The department will prorate the pay adjustment for partial segments based on their length.

440-010 (20100709)

21. Railing Pipe, Item 513.2050.S.

A Description

This special provision describes furnishing and installing a pipe railing system for pedestrians as shown on the plans, and according to the applicable provisions of standard spec 513 and as hereinafter provided.

B (Vacant)

C Construction

Weld the posts and rails together.

D Measurement

The department will measure Railing Pipe in length by the linear foot along the top rail.

E Payment

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

ITEM NUMBER	DESCRIPTION	UNIT
513.2050.S	Railing Pipe	LF

Payment is full compensation for furnishing all materials; installing all materials; and painting.

513-005 (20030820)

22. Storm Sewer.

Supplement standard spec 607.3 to include the following:

Bedding and backfill material shall meet Village of Little Chute specifications.

Backfill material placed under existing and proposed aggregate bases and paved surfaces, including sidewalk, shall meet the following gradation requirement:

Sieve Size	Percentage Passing By Weight
2-inch	95-100
¾-inch	70-100
No. 4	35-65
No. 40	15-45
No. 200	5-15

Bedding material for storm sewer 18-inches or less in diameter shall meet the following gradation requirement:

Crushed pit-run gravel, pea gravel or crushed stone chips shall conform substantially to these grading requirements: (3/8-inch nominal size).	
Sieve Size	**Percentage Passing By Weight**
1-inch	100
¾-inch	95-100
3/8-inch	30-55
No. 4	0-10
No. 8	0-5

Bedding material for storm sewer greater than 18-inches in diameter shall meet the following requirements:

• Crushed pit-run gravel, pea gravel or crushed stone chips shall conform substantially to these grading requirements: (3/4" nominal size).	
• **Sieve Size**	• **Percentage Passing By Weight**
• 1-inch • ¾-inch • 3/8-inch • No. 4	• 100 • 95-100 • 20-55 • 0-10

Bedding sections to be constructed as follows:

- For Reinforced Concrete Pipe

  a. Excavate trench to allow 4-inches of bedding material under the pipe barrel and 3-inches of bedding material under the bell.

  b. Place and compact bedding material to the spring line of the pipe.

- For PVC Pipe

  a. Excavate trench to allow 4-inches of bedding material under the pipe barrel and 3-inches of bedding material under the bell.

  b. Place and compact bedding material to a point 12-inches above the top of the pipe.

23. Manholes and Inlets.

Supplement standard spec 611.2.1 as follows:

(5) Inlets shall be precast reinforced concrete. Inlets with structure depths shown on the plan of 6-feet or less shall be cast monolithically.

(6) The minimum allowable thickness of an individual concrete grade adjustment ring is 3 inches.

(7) Flexible sealant placed between concrete grade riser rings and between concrete structures and concrete grade riser rings shall meet AASHTO Specification M-198 requirements.

Supplement standard spec 611.3.3 as follows:

(5) Use concrete grade riser rings to make final grade adjustments necessary to meet the required elevation. The maximum allowable total depth of grade riser rings needed to meet the required elevation is 9 inches. Only one monolithic concrete grade riser ring is allowed per structure.

(6) Use flexible sealant between concrete inlet and manhole structures and concrete grade riser rings.

24. Adjusting Manhole Covers.

This work shall be according to the pertinent provisions of standard spec 611, as shown on the plans, and as hereinafter provided.

Revise standard spec 611.3.7 by deleting the last paragraph.

Set the manhole frames so that they comply with the surface requirements of standard spec 450.3.2.9. At the completion of the paving, a 6-foot straightedge shall be placed over the centerline of each manhole frame parallel to the direction of traffic. A measurement shall be made at each side of the frame. The two measurements shall be averaged. If this average is greater than 5/8 inches, reset the manhole frame to the correct plane and elevation. If this average is 5/8 inches or less but greater than 3/8 inches, the manhole frame shall be allowed to remain in place but shall be paid for at 50 percent of the contract unit price.

If the manhole frame is higher than the adjacent pavement, the two measurements shall be made at each end of the straightedge. These two measurements shall be averaged. The same criteria for acceptance and payment as above, shall apply.
611-005 (20030820)

25. Fence Safety, Item 616.0700.S.

A Description
This special provision describes furnishing and installing a plastic fence at locations shown on the plans and as hereinafter provided.

B Materials
Furnish notched conventional metal “T” or “U” shaped fence posts.

Furnish fence fabric meeting the following requirements.

Color:	International orange (UV stabilized)
Roll Height:	4 feet
Mesh Opening:	1 inch min to 3 inch max
Resin/Construction:	High density polyethylene mesh
Service Temperature:	-60° F to 200° (ASTM D648)
Tensile Yield:	Avg. 2000 lb per 4 ft. width (ASTM D638)
Ultimate Tensile Strength:	Avg. 3000 lb per 4 ft. width (ASTM D638)
Elongation at Break (%):	Greater than 100% (ASTM D638)
Chemical Resistance:	Inert to most chemicals and acids

C Construction
Drive posts into the ground 12 to 18 inches. Space posts at 7 feet.

Use a minimum of three wire ties to secure the fence at each post. Weave tension wire through the top row of strands to provide a top stringer that prevents sagging.

Overlap two rolls at a post and secure with wire ties.

D Measurement
The department will measure Fence Safety by the linear foot along the base of the fence, center-to-center of posts.

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

ITEM NUMBER	DESCRIPTION	UNIT
616.0700.S.	Fence Safety	LF

Payment is full compensation for furnishing and installing fence and posts; maintaining the fence and posts in satisfactory condition; and for removing and disposing of fence and posts at project completion.
616-030 (20070510)

26. Traffic Control.

Perform this work in accordance to the requirements of standard spec 643, and as shown on the plans or as approved by the engineer, except as hereinafter modified.

Submit to engineer for approval a detailed traffic control plan for any changes to the proposed traffic control detail as shown on the plans and any changes to the requirements of the Traffic article. Submit this plan a minimum of ten days prior to the preconstruction conference. This plan shall be approved prior to the initial coordination meeting with businesses and property owners. Clearly identify on the traffic control plan how the pedestrian and vehicular access requirements of the Traffic article will be addressed.

Provide 24 hours-a-day availability of equipment and forces to expeditiously restore lights, signs, or other traffic control devices that are damaged or disturbed. The cost to maintain and restore the above items shall be considered incidental to the item as bid and no additional payment will be made therefore.

Supply the name and telephone number of a local contact person for traffic control repair before starting work.

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

The turning of traffic control devices when not in use to obscure the message will not be allowed under this contract.

Obtain prior approval from the engineer for the location of egress and ingress for construction vehicles to prosecute the work.

Cover existing signs which conflict with traffic control as directed by the engineer.

Conduct operations in such a manner that causes the least interference and inconvenience to the free flow of vehicles on the roadways. This includes the following:

a. Do not park or store any vehicle, piece of equipment, or construction materials on the right-of-way without approval of the engineer.
b. All construction vehicles and equipment entering or leaving live traffic lanes shall yield to through traffic.
c. Equip all vehicles and equipment entering or leaving the live traffic lanes with a hazard identification beam (flashing yellow signal) capable of being visible on a sunny day when viewed without the sun directly on or behind the device from a distance of 1000 feet. Activate the beam when merging into or exiting a live traffic lane.

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. Immediately repair or replace any damage done to the above during the construction operations at contractor expense.

The traffic requirements are subject to change at the direction of the engineer in the event of an emergency.

27. Temporary Crosswalk Access, Item SPV.0045.01.

A Description

Maintain accessible crosswalks crossing the construction zone on existing pavement, new pavement, or temporary surface material. Provide one accessible crosswalk across Main Street at the intersections of Buchanan Street, Sanitorium Road, and Rosehill Road. Provide accessible crosswalks across all side streets on both sides of Main Street.

B Materials

Furnish a hard temporary surface material consisting of asphaltic surface temporary in accordance to standard spec 465.2, any grade of concrete in accordance to standard spec 602.2, skid resistant steel plating, or alternative material as proved by the engineer. Gravel or base course material is not acceptable.

Furnish safety fence in accordance to the article "Fence Safety".

Furnish 4-inch diameter polyvinyl chloride drainage pipe conforming to AASHTO M278.

Furnish a protective layer for use in protecting the existing curb and gutter and existing pavement from asphaltic surface temporary in order to allow easy removal of asphaltic surface. Obtain approval from the engineer for the protective layer material.

C Construction

C.1 Crosswalk

Install, maintain, move, and remove temporary surface material in Temporary Crosswalk Access locations as shown on the plan and as directed by the engineer. Level and compact the surface prior to placing temporary surface material. The temporary crosswalk shall have a minimum clear width of 4 feet; be located outside the immediate work area, as approved by the engineer; and meet the requirements of the current Americans with Disabilities Act Accessibility Guidelines (ADAAG). Install safety fence along both sides of the temporary crosswalk. Provide a gap in the safety fence as necessary to provide access for construction and public vehicles and across the temporary crosswalk. The maximum width of the gap shall be 15 feet. Reconstruct Temporary Crosswalk Access when disturbed by construction operations or utility trenches.

C.2 Temporary Curb Ramp

Place 4-inch PVC drainage pipe in the flow line of the curb and gutter to maintain storm water drainage. Keep drainage pipe free of any debris that would inhibit drainage through the pipe.

Place a protective layer between the existing curb and gutter or existing pavement and the asphaltic surface or concrete for temporary curb ramp.

For the portion of the temporary curb ramp in the terrace area, form the foundation by excavating at least 3-inches. Tamp or compact the foundation to ensure stability.

Place asphaltic surface temporary in accordance to standard spec 465.3.1 or place concrete in accordance to standard spec 602.3.2.3, and as shown in the plan.

Maintain temporary curb ramps until permanent curb ramps and crosswalks are in place and open to pedestrian traffic as directed by the engineer.

Remove temporary curb ramps once permanent curb ramps and crosswalks are open and operational and restore the site.

D Measurement

The department will measure Temporary Crosswalk Access by the day acceptably completed. The measured quantity will equal the number of calendar days a temporary crosswalk through the work area is open to pedestrian traffic. A temporary crosswalk is defined as an accessible crossing of a single leg of an intersection with temporary curb ramps meeting ADA requirements. Each day that the crosswalk is out of service for more than 2 hours will result in one day being deducted from the quantity measured for payment. Each day that the crosswalk is out of service for more than 2 hours will result in one day being deducted from the quantity measured for payment. Once the finished pavement and finished curb ramps and adjacent sidewalk are installed, the crossing will no longer be measured for payment.

E Payment

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

ITEM NUMBER	DESCRIPTION	UNIT
SPV.0045.01	Temporary Crosswalk Access	Day

Payment is full compensation for furnishing, loading, and hauling materials; for preparing the foundation; for furnishing, placing, maintaining, and removing temporary surface material and underlying base aggregate; for reconstructing or relaying the temporary surface material; and for furnishing and installing, and maintaining safety fence.

28. Manhole 8 Foot, Item SPV.0060.01.

A Description

This special provision describes Constructing Manholes in accordance to plan details, standard spec 611, and as hereinafter provided.

B (Vacant)

C (Vacant)

D Measurement
The department will measure Manhole as units, acceptably completed.

E Payment
Supplement Subsection 611.5 to include the following:

ITEM NUMBER	DESCRIPTION	UNIT
SPV.0060.01	Manhole 8 Foot	Each

29. Utility Line Opening, Item SPV.0060.02.

A Description
This special provision describes excavating to uncover utilities for the purpose of determining the horizontal and vertical locations of those utilities and to determine if potential conflicts with proposed utilities exist.

B (Vacant)

C Construction
Complete the Utility Line Opening (ULO) as shown on the plan or as directed by the engineer. Excavate in a manner such that the utility in question is not damaged, and the safety of the workers is not compromised.

Perform the ULO as soon as possible and at least ten days in advance of proposed storm sewer construction to allow all conflicts to be resolved with minimal interruption. Where utilities are within 6 feet of each other at a location, a single ULO shall be considered full payment to locate multiple utilities.

Ensure that all utility line openings have been approved by, and coordinated with, the engineer.

D Measurement
The department will measure Utility Line Opening by each individual unit, acceptably completed.

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

ITEM NUMBER	DESCRIPTION	UNIT
SPV.0060.02	Utility Line Opening	Each

Payment is full compensation for locating, excavating, backfilling, and compacting the Utility Line Opening, as well as recording the horizontal and vertical location of the utility or utilities and determining if a conflict exists.

30. Manhole Cover Type J Special, Item SPV.0060.03.

A Description
This special provision describes constructing manholes in accordance to plan details, standard spec 611, and as hereinafter provided.

B (Vacant)

C (Vacant)

D Measurement
The department will measure Manhole Cover Type J Special as each individual unit, acceptably completed.

E Payment
Supplement standard spec 611.5 to include the following:

ITEM NUMBER	DESCRIPTION	UNIT
SPV.0060.03	Manhole Cover Type J Special	Each

31. Abandoning Storm Sewer, Item SPV.0060.04.

A Description
This special provision describes abandoning storm sewer as shown in the plans and as hereinafter provided.

B Materials
Cellular concrete to meet the following specifications: 1 part cement, 1 part fly ash, and 8 parts sand or an approved equal and water. These materials are to be in accordance to the pertinent requirements of standard spec 501.2.

C Construction
Seal existing pipes that are less than or equal to 12- inch nominal inside diameter and not in conflict with the new facilities or located within the excavation limits of the new facilities, in accordance to standard spec 204.3.3.2.

Fill existing pipes that are greater than 12-inches nominal inside diameter and are not in conflict with or located within the excavation limits of the new facilities, with cellular concrete. Fill pipe with cellular concrete as directed by the engineer. In the event that the sewer cannot be completely filled from the existing manholes, tap into sewer where necessary and fill from these locations. Seal ends of existing pipe in accordance to standard spec 204.3.3.2.

D Measurement
The department will measure Abandoning Storm Sewer as each individual pipe run, from structure to structure, acceptably completed.

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

ITEM NUMBER	DESCRIPTION	UNIT
SPV.0060.04	Abandoning Storm Sewer	Each

Payment is full compensation for providing and placing all materials necessary to properly abandon the existing storm sewer pipes.

32. Adjusting Water Valves, Item SPV.0060.05.

A Description
This special provision describes the adjustment of existing water valve boxes to comply with the proposed finished grades.

B (Vacant)

C Construction
Comply with the applicable of standard spec 611. Adjust water valve boxes to comply with the proposed finished grades.

D Measurement
The department will measure Adjusting Water Valves as each individual unit, acceptably completed.

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

ITEM NUMBER	DESCRIPTION	UNIT
SPV.0060.05	Adjusting Water Valves	Each

Payment is full compensation for adjusting water valves.

33. Precast Concrete Waste Containers, Item SPV.0060.06; Precast Concrete Planters, Item SPV.0060.07.

A Description
This special provision describes furnishing Precast Concrete Waste Containers and Precast Planters in accordance to the plan details and as hereinafter provided.

B Materials
Provide precast concrete waste containers and precast concrete planters manufactured by Wausau Tile, Inc., Wausau, WI that conform to the details shown on the plans.

Source of potting for precast planters to be approved by Village of Little Chute. Contact Roy VanGheem, Director of Public Works at (920) 788-7395.

C Construction
Deliver planters and waste containers to the work site and place at the pedestrian rest areas as shown on the plans. Fill planters with potting soil to within 3 inches of the top of the planter.

D Measurement
The department will measure Precast Concrete Waste Containers and Precast Concrete Planters by each individual unit, acceptably completed.

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

ITEM NUMBER	DESCRIPTION	UNIT
SPV.0060.06	Precast Concrete Waste Container	Each
SPV.0060.07	Precast Concrete Planter	Each

Payment is full compensation for furnishing all materials, including potting soil, filling the planters with potting soil, and placing at the pedestrian rest areas as shown on the plans.

34. Bench, Item SPV.0060.08.

A Description
This special provision describes furnishing and installing Benches in accordance to the plan details and as hereinafter provided.

B Materials
Provide Benches manufactured by DuMar, Inc., Mifflintown, PA that conform to the details shown on the plans.

C Construction
Assemble and install bench in accordance to the manufacturer's specifications and the plan details.

D Measurement
The department will measure Benches by each individual unit, acceptably completed.

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

ITEM NUMBER	DESCRIPTION	UNIT
SPV.0060.08	Bench	Each

Payment is full compensation for furnishing and installing benches.

35. Decorative Sign Pole Assembly 10 FT, Item SPV.0060.09; 12 FT, Item SPV.0060.10; 14 FT, Item SPV.0060.11; Install Village Furnished Street Signs, Item SPV.0060.12.

A Description

This special provision describes furnishing and installing decorative sign pole assemblies and installing village furnished street signs in accordance with the plan details and as hereinafter provided.

B Materials

Provide Decorative Sign Pole Assemblies manufactured by TAPCO in Brown Deer, WI, that conform to the details shown on the plans.

The Decorative Sign Pole Assembly (FT) will consist of a decorative fluted style aluminum pole, VLoc breakaway post anchor, cast aluminum base, sign mounting brackets, sign backer panel, and finial sign post top.

The color of the pole, base, sign brackets, sign backer panel, and finial top to be gloss black.

The Village of Little Chute will furnish the street name signs. Contact Marty Jansen at (920) 788-7395.

Meet with village to review the decorative sign pole assembly requirements, prior to ordering materials from TAPCO. Contact Marty Jansen at (920) 788-7395.

C Construction

Assemble and install decorative sign pole assemblies in accordance with the manufacturer's specifications and the plan details.

Poles are manufactured in 2-foot increments. Cut poles to provide required length; place cut end of pole in the ground.

Install village furnished street signs on decorative sign pole assemblies at locations shown on the plans.

D Measurement

The department will measure Decorative Sign Pole Assembly (FT) by each individual unit, acceptably completed.

The department will measure Install Village Furnished Street Signs by each individual unit, acceptably completed.

E Payment

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

ITEM NUMBER	DESCRIPTION	UNIT
SPV.0060.09	Decorative Sign Pole Assembly 10 FT	Each
SPV.0060.10	Decorative Sign Pole Assembly 12 FT	Each
SPV.0060.11	Decorative Sign Pole Assembly 14 FT	Each
SPV.0060.12	Install Village Furnished Street Signs	Each

Payment is full compensation for furnishing and installing decorative sign pole assembly; and for installing village furnished street signs.

36. Street Sweeping, Item SPV.0075.01.

A Description
Remove small dirt and dust particles from roadway and adjacent streets by periodically using a street sweeper during the project as directed by the engineer.

B (Vacant)

C Construction
Provide a self-contained particulate collector to prevent discharge from the collection bin into the atmosphere. Dry brooming of the pavement will not be allowed. When engaged in roadway cleaning operations, use equipment having vacuum or water spray mechanisms to eliminate the dispersion of particulate matter into the atmosphere.

D Measurement
The department will measure Street Sweeping by the hour that the street sweeper is being operated on the project picking up and removing debris from the roadway.

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

ITEM NUMBER	DESCRIPTION	UNIT
SPV.0075.01	Street Sweeping	Hours

Payment is full compensation for furnishing all labor, tools, equipment and incidentals necessary to complete the contract work.

37. Storm Sewer Lateral 4 Inch, Item SPV.0090.01; 8 Inch, Item SPV.0090.02.

A Description
This special provision describes constructing storm sewer laterals in accordance to the pertinent provisions of standard spec 607, as shown on the plans, and as hereinafter provided.

B Materials
Supplement standard spec 607.2 as follows:

B.1 Backfill and Bedding
Refer to storm sewer special provision.

B.2 Polyvinyl Chloride (PVC) Pipe SDR 35 and Fittings
(1) Pipe and fittings furnished shall meet the requirements for Type PSM PVC Sewer Pipe and Fittings, as set forth in ASTM Designation D-3034 and subsequent revisions thereof.

(2) The dimensions of the pipe shall be in accordance to ASTM D-3034 (SDR rating 35). The wall thickness shall not be less than that specified except that isolated arcs spanning no more than 15 degrees of the perimeter shall be not less than 95% of the specified minimum.
(3) Each length of pipe and each fitting shall be marked as follows:

a. Manufacturer's name or trademark.
b. Nominal pipe size.
c. The PVC cell classification, e.g., 12454-B.
d. The legend Type PSM PVC Sewer Pipe.
e. ASTM Designation D-3034.

(4) Pipe fittings shall be in accordance to all manufacturers' recommendations.

(5) All pipe and fittings shall be by one manufacturer, and shall have elastomeric joints conforming to the requirements of ASTM F-477 and D-3212. PVC gasketed sewer fittings shall conform to the requirements of ASTM F1336.

(6) Flexible couplings shall be manufactured from flexible PVC intended for water-tight joints and shall be 3/8 inch thick with multiple sealing ribs. Each coupling shall consist of 2 Series 300 (18-8) all stainless steel, extra strength (0.040 thick) T-bolt clamps with multiple take up points. The flexible couplings shall conform to the applicable parts of ASTM C443, C425, C564, D1869, and C1173. The flexible couplings shall be manufactured to connect the PVC replacement pipe with pipes of different materials.

(7) Flexible water tight connectors intended for connecting PVC lateral to cored precast reinforced concrete pipe. The connector shall conform to the requirements of ASTM C923.

C Construction
Construct storm laterals in accordance to Subsection 607.3 of the Standard Specifications and as hereinafter provided:

The existing and proposed lateral locations shown on the plans are approximate; the exact locations will be determined by the Village of Little Chute prior to storm sewer construction operations under this contract. Contact Roy VanGheem, Director of Public Works at (920) 788-7395.

At locations where the adjoining properties have existing storm sewer laterals, connect to the existing lateral. Laterals which are not connected to existing laterals shall be capped.

Storm sewer laterals will be laid at a minimum slope of 1.0 percent unless otherwise approved by the engineer. At locations where laterals are not connected to an existing lateral, the lateral shall have 4 feet of cover at the right-of-way line unless approved by the engineer. If 4 feet of cover cannot be provided the depth may be reduced to 3 feet. If the minimum 3 foot depth cannot be obtained, the lateral may be laid at a slope of 0.5 percent.

Connections between the lateral pipe and existing lateral to be made using hard PVC gasketed sewer fitting or sleeve. Use flexible couplings only where the hard connection is not feasible. Install flexible coupling in accordance to the manufacturer's recommendations.

Connections between the lateral pipe and cored precast reinforced concrete pipe to be made using flexible water tight connectors. Install connectors in accordance to the manufacturer's recommendations.

D Measurement
The department will measure Storm Sewer Lateral by the linear foot in accordance to standard spec 607.4.

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

ITEM NUMBER	DESCRIPTION	UNIT
SPV.0090.01	Storm Sewer Lateral 4 Inch	LF
SPV.0090.02	Storm Sewer Lateral 8 Inch	LF

Payment is full compensation according to standard spec 607.4.

38. Storm Sewer Pipe PVC 8 Inch, Item SPV.0090.03.

A Description
This special provision describes furnishing and installing storm sewer in accordance to standard spec 607, as shown on the plans and as follows.

B Materials
Supplement standard spec 607.2 as follows:

B.1 Backfill and Bedding
Refer to storm sewer special provision.

B.2 Polyvinyl Chloride (PVC) Pipe SDR 35 and Fittings
Polyvinyl Chloride (PVC) Pipe SDR 35 and Fittings:

(1) Pipe and fittings furnished shall meet the requirements for Type PSM Polyvinyl Chloride (PVC) Sewer Pipe and Fittings, as set forth in ASTM Designation D-3034 and subsequent revisions thereof.

(2) The dimensions of the pipe shall be in accordance to ASTM D-3034 (SDR rating 35). The wall thickness shall not be less than that specified except that isolated arcs spanning no more than 15 degrees of the perimeter shall be not less than 95% of the specified minimum.

(3) Each length of pipe and each fitting shall be marked as follows:

a) Manufacturer's name or trademark.
b) Nominal pipe size.
c) The PVC cell classification, e.g., 12454-B.
d) The legend Type PSM PVC Sewer Pipe.
e) ASTM Designation D-3034.

(4) Pipe fittings shall be in accordance to all manufacturer's recommendations.

(5) All pipe and fittings shall be by one (1) manufacturer, and shall have eleastomeric joints conforming to the requirements of ASTM F-477 and D-3212.

(6) Flexible couplings shall be manufactured from flexible polyvinyl chloride (PVC) intended for water-tight joints and shall be 3/8 inch thick with multiple sealing ribs. Each coupling shall consist of 2-Series 300 (18-8) all stainless steel, extra strength (0.040 thick) T-bolt clamps with multiple take up points. The flexible coupling shall conform to the applicable parts of ASTM C443, C425, C564, D1869, and C1173. The flexible couplings shall be manufactured to connect the PVC replacement pipe with pipes of different materials.

C (Vacant)

D Measurement
The department will measure Storm Sewer Pipe PVC 8 Inch by the linear foot in accordance to standard spec 607.4.

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

ITEM NUMBER	DESCRIPTION	UNIT
SPV.0090.03	Storm Sewer Pipe PVC 8 Inch	LF

Payment is full compensation according to standard spec 607.5.

39. Televising Storm Sewer, Item SPV.0090.04.

A Description

Inspect and document all storm sewer trunk-lines, inlet leads, and manholes installed under this contract with closed circuit television as shown on the plans and as hereinafter provided.

B Materials

B.1 Video Recording

The entire inspection must be recorded on a DVD, capable of being viewed on a DVD player or Windows® media player.

B.2 Closed Circuit Television Camera

Television equipment shall include television camera, television monitor, cables, power source, lights and other equipment. The television camera shall be specifically designed and constructed for operation in connection with sewer inspection and include the following features:

a. Pan and Tilt Radial View Color Sewer TV Camera.

b. 360 Degree Radial x 300 Degree Pan and Tilt Viewing Field.

c. Multi-Conductor.

d. Remote Adjustable Optical Focus, Remote Light Compensating Iris.

e. Automatic White Balance Circuitry, NTSC Color.

f. Low Light, 3 Lux Camera.

The pan and tilt view camera to be specifically designed to provide a close-up view of sewer pipe walls and lateral entrances through the use of a low light sensitive camera, movable camera head and directional lighting. Unit to be color, and designed for operation through up to 2,000-feet of multi-conductor cable in sanitary and storm sewers. Chassis construction to be 100% solid state circuitry designed to withstand shocks and vibration normally sustained while being pulled through a pipe. The image pick-up device to be low light sensitive, 3 Lux, solid-state camera incorporating the latest high resolution closed circuit television technology. Operating climatic ranges of the camera is to be -10ºC to +30ºC, and up to 100% relative humidity.

The remote reading footage counter is to be accurate to 1% over the length of the particular section being inspected and mounted over the television monitor.

B.3 Sewer Cleaning Equipment

Sewer cleaning equipment shall consist of a jet cleaner with a vacuum/air transport debris removal system.

The water pump system on the cleaning vehicle must have the ability to pump between 50 to 65-gallons per minute at a pressure of 1,200 to 1,500 pounds per square inch. Units with pumps smaller than this will not be acceptable.

C Construction

C.1 Sewer Flow Control

When sewer depth of flow at the upstream manhole of the manhole section being worked is above the maximum allowable for television inspection, joint testing and/or sealing; reduce flow to the level shown below by operation of pump stations, plugging or blocking of the flow, or by pumping and bypassing of the flow, as specified.

Depth of flow shall not exceed that shown below for the respective pipe sizes, as measured in the manhole when performing television inspection.

(1) Maximum Depth Of Flow ..... Television Inspection

(2) 6 to 10-inch Pipe ..... 20% Of Pipe Diameter

(3) 12 to 24-inch Pipe ..... 25% Of Pipe Diameter

(4) 27-inch and Larger Pipe..... 30% Of Pipe Diameter

Plugging or Blocking: Insert a sewer line plug into the line upstream of the section being worked. The plug is to be designed so that all or any portion of the sewage can be released. During television inspection, testing and sealing operations, reduce flow to be within the limits specified above. After the work has been completed, restore flow to normal.

Pumping and Bypassing: When pumping and bypassing is required, supply the pumps, conduits and other equipment to divert the flow of sewage around the manhole section in which work is to be performed. The bypass system is to be of sufficient capacity to handle existing flow, plus additional flow that may occur during a rainstorm. Furnish the necessary labor and supervision to set up and operate the pumping and bypassing system. If pumping is required on a 24-hour basis, equip engines in a manner to keep noise to a minimum.

Flow Control Precautions: When flow in a sewer line is plugged, blocked or bypassed, take sufficient precautions to protect the sewer lines from damage that might result from sewer surcharging. Precautions must be taken to ensure that sewer flow control operations do not cause flooding or damage to public or private property being serviced by the sewers involved.

C.2 Preparation/Coordination

Dispose of any and all debris removed from the sewers during the cleaning process in compliance with all Federal, State and local requirements. Pay any and all fees associated with the proper disposal of these materials. The Village of Little Chute will not have a disposal site available.

C.3 Television Inspection

Move camera through the line in either direction at a uniform rate, but no greater than 30-feet per minute, stopping when necessary to ensure proper documentation of the sewer's condition. Use manual winches, power winches, TV cable and powered rewinds, or other devices that do not obstruct the camera view or interfere with proper documentation of the sewer conditions, when moving the camera through the sewer line. If, during the inspection operation, the television camera will not pass through the entire manhole section, reset the equipment in a manner so the inspection can be performed from the opposite manhole.

In the event the section being televised has substantial flow entering the sewer between manholes, such that inspection of the sewer is impaired, coordinate with the owner of source of flow to have such flow temporarily stopped and/or reschedule television inspection of the particular section to a time when such flow is reduced to permit proceeding with the television inspection.

When sewer line depth of flow at the upstream manhole of the section being televised is above the maximum allowable for television inspection, reduce the flow to permit proceeding with the television inspection.

Whenever non-remote powered and controlled winches are used to pull the television camera through the line, telephones, use radios or other suitable means of communication set up between the two manholes of the section being inspected to ensure that adequate communications exist between members of the crews.

Check accuracy of the measurement meters daily by use of a walking meter, roll-a-tape or other suitable device. Begin footage measurements at the sewer line point of penetration of the upstream manhole, unless specific permission is given to do otherwise. Show footage on the video data view at all times.

C.4 Documentation of Television Results

Document television inspections through the use of an in-vehicle computer system; system to be IBM compatible on a 3.5-inch disk or CD. All defects and general information on the pipe being viewed along with an index for retrieving the information must be supplied to the OWNER as part of the report.

Television inspection logs to be typed or computer printed, and be acceptable to the ENGINEER. Printed location reports shall clearly show the location, in relation to adjacent manholes, of each source of infiltration discovered. In addition, record other data of significance, including the location of buildings and house service connections, joints, unusual conditions, roots, storm sewer connections, collapsed sections, presence of scale and corrosion, and other discernible features. Include a voice recording on the DVD that makes brief and informative comments on the sewer conditions.

The measurement of distance to defects is critical in confirming the location of areas to be excavated.

Make color DVD recordings of the data on the television monitor. Provide two copies of each DVD; one for the Village of Little Chute, and one for the engineer.

Speed of recording playback to be the same speed that it was recorded. Establish tabs for the start of each sewer segment. Title to the DVD will remain with the Village of Little Chute. All DVD's and necessary playback equipment to be readily accessible for review by the engineer during the televising process.

Include the following information on the DVD's and computer logs:
A. DVD Data View:

(1) Report number.
(2) Date of television inspection.
(3) Upstream and downstream manhole numbers.
(4) Current distance along reach.
(5) Printed labels on the container and DVD, with location information, date, format information and other descriptive information.

B. DVD Audio:

(1) Date and time of television inspection, operator name and name of adjacent street.
(2) Verbal confirmation of upstream and downstream manhole numbers and TV direction in relation to direction of flow.
(3) Verbal description of pipe size, type and pipe joint length.
(4) Verbal description and location of each service connection and pipe defect.
(5) Type of weather during inspection.

C. Computerized logs:

(1) Location of each point of leakage.
(2) Location of each service connection.
(3) Location of any damaged sections, nature of damage and location with respect to pipe axis.
(4) Deflection in alignment or grade of pipe.
(5) Record of repairs and quantity of sealing material used (if applicable).
(6) Date, time, municipality, street, basin, manhole section, reference manhole number, name of operator, inspector and weather conditions.
(7) Pipe diameter, pipe material, section length and corresponding DVD identification.

C.5 Cleaning Requirements
Remove all debris and sediment to assure that the storm sewer can perform as designed.

C.6 Manhole Inspection Reports

Provide digital photographs of each manhole including:

(1) Casting / frame at ground surface.
(2) Bench.
(3) General inside.
(4) Observed leaks or structural failures.
(5) Provide copies of digital photos printed out with all photographs of each structure on one each 8½" x 11" sheet.
(6) Provide a computer CD with all pictures indexed by a structure identification number, which is the same as the structure identification number included in the televising reports.

D Measurement

The department will measure Storm Sewer Televising by the linear foot, acceptably completed. Measure along the centerline of the pipe, from the pipe end at a free outlet to the center of the end catch basin, inlet, manhole, junction or other drainage structure; or from center to center of end catch basins, manholes, inlets, other drainage structures or junctions. The department will not make deductions from these measured lengths for intermediate catch basins, manholes, inlets, or other drainage structures, junctions or fittings.

E Payment

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

ITEM NUMBER	DESCRIPTION	UNIT
SPV.0090.04	Televising Storm Sewer	LF

Payment is full compensation for providing all labor and materials necessary to properly perform the work described under this section for the storm sewer pipes installed under this project.

40. Retaining Curb, Item SPV.0090.05.

A Description

This special provision describes constructing concrete retaining curb in accordance to plan details, standard spec 601, and as hereinafter provided.

B (Vacant)

Modify standard spec 601.2 to include coated high strength bar steel reinforcement in accordance to standard specn 505.2.4.

C (Vacant)

D Measurement

The department will measure Retaining Curb by the linear foot, acceptably completed.

E Payment
Supplement standard spec 601.5(1) to include the following:

ITEM NUMBER	DESCRIPTION	UNIT
SPV.0090.05	Retaining Curb	LF

Modify standard spec 601.5(2) to include the following:

Payment includes furnishing and installing coated high strength bar steel reinforcement.

41. Concrete Pavement Joint Layout, Item SPV.0105.01.

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

B (Vacant)

C Construction
Plan and locate all points necessary to establish the horizontal position of the transverse and longitudinal joints in the concrete to prevent uncontrolled cracking. Submit a joint layout design to the engineer before paving each intersection. Mark the location of all concrete joints in the field. Follow the plan details for joints in concrete making adjustments as required to fit field conditions.

D Measurement
The department will measure Concrete Pavement Joint Layout as a single lump sum unit of work for all joint layout designs and marking, acceptably completed.

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

ITEM NUMBER	DESCRIPTION	UNIT
SPV.0105.01	Concrete Pavement Joint Layout	LS

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

The department will adjust pay for crack repairs as specified in standard spec 415.5.3.

42. Sealing Concrete Pavement Joints, Item SPV.0180.01.

A Description
This special provision describes sealing all joints in concrete pavement in accordance to standard spec 415 and as hereinafter provided.

B Materials
Supplement standard spec 415.2 as follows:

415.2.8 Joint Sealers. Concrete joint sealers shall conform to the specification requirements for the type of sealer specified.

Sealants shall comply with the requirements of ASTM D3406 Joint Sealant, Hot-Applied, Elastomeric-Type, for Portland Cement Concrete Pavements.

A Certificate of Compliance shall be furnished to the engineer before application.

415.2.8.1 Hot-Poured Elastic Type. This material shall conform to the requirements of the Specification for Joint Sealants, Hot-Poured, for Concrete and Asphalt pavements, ASTM Designation: D 3405.

C Construction
Supplement standard spec 415.3 as follows:

415.3.11.7(6) Saw all joints as detailed in the plans.

415.3.11.7(7) Sealing Joints. General. All joints in concrete pavement shall be sealed with a hot-poured sealer conforming to standard spec 415.2.8.

The operation of sawing and sealing shall be performed as soon as practicable upon elapse of the curing period and in any event prior to the time traffic of any kind uses the pavement.

Joints shall not be sealed until they have been inspected and approved by the engineer.

Should any spalling of the sawed edges occur that would in the judgment of the engineer detrimentally affect the joint-sealing ability, such spalled areas shall be patched with an approved epoxy which shall be allowed to harden prior to installation of the joint seal. Each patch shall be true to the intended neat lines of the finished cut joint.

Application of the joint sealer shall be made when the joint surfaces are clean and dry.

Joints shall be cleaned and dried to accept the sealing material in accordance to the manufacturers recommendations.

All longitudinal and transverse concrete pavement joints, including the joint between the pavement and the curb and gutter and any joints in the curb and gutter shall be sealed. The sealant shall be tooled flush with or recessed up to a maximum of 1/16” ± 1/64” below the concrete surface. Overbonding will not be allowed. Material remaining on the surface of the pavement shall be removed without damaging the sealant in the joint.

41.5.3.11.7(8) Seal all joints prior to opening the concrete pavement to construction traffic.

D Measurement

The department will measure Sealing Concrete Pavement Joints by the square yard, 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.0180.01	Sealing Concrete Pavement Joints	SY

Payment is full compensation for sawing as required; for sealant; and for cleaning and sealing joints.

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:

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 C50, 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[1]
Sampling fresh concrete	AASHTO R60
Making and curing concrete compressive strength test specimens	AASHTO T23
Compressive strength of molded concrete cylinders	AASHTO T22

[1] 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.

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.

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.

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.

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"	2 3/8"
		END[1]	2 3/4"	3 1/4"	4 1/4"	4 3/4"
		SUM IN MIDDLE 1/2 OF LENGTH[2]	11"	13"	17"	19
	WIDE FACE	EDGE KNOT N MIDDLE 1/3 OF LENGTH	1 3/8"	1 5/8"		
		EDGE KNOT AT END[1]	2 3/4" 7	3 1/4"		
		CENTERLINE	1 3/8"	1 7/8"	2 1/4"	2 7/8"
		SUM IN MIDDLE 1/2 OF LENGTH	5 1/2"	7 1/2"	9"	11 1/2"

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

[2] 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 AWPA 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.

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.

Errata

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

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

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

[1] As modified in CMM 8-60.

[2] As modified in CMM 8-70.

ADDITIONAL SPECIAL PROVISION 7

A. Reporting 1st Tier and DBE Payments During Construction

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

B. Costs for conforming to this special provision are incidental to the contract.

ADDITIONAL SPECIAL PROVISION 9
Electronic Certified Payroll Submittal

(1) Use the department's Civil Rights Compliance System (CRCS) to submit certified payrolls electronically. Details are available online through the department's highway construction contractor information (HCCI) site on the Labor, Wages, and EEO Information page at: http://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

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 contacts.

While the wage rates shown are the minimum rates required by the contract to be paid during its life, this in 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
OUTAGAMIE COUNTY

Compiled by the State of Wisconsin - Department of Workforce Development
for the Department of Transportation
Pursuant to s. 103.50, Stats.
Issued on April 1, 2012

CLASSIFICATION: Contractors are required to call the Department of Workforce Development if there are any questions reqarding 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.

TRADE OR OCCUPATION	HOURLY BASIC RATE OF PAY	HOURLY FRINGE BENEFITS	TOTAL
	$	$	$
Bricklayer, Blocklayer or Stonemason	32.66	15.92	48.58
Carpenter	29.06	15.16	44.22
Cement Finisher	29.35	15.05	44.40
Electrician	27.40	16.54	43.94
Future Increase(s): Add $.50/hr. on 06/04/2012 Premium Pay: DOT PREMIUM: Pay two times the hourly basic rate on Sunday, New Year's Day, Memorial Day, Independence Day, Labor Day, Thanksgiving Day & Christmas Day.			
Fence Erector	35.62	0.00	35.62
Ironworker	27.48	21.54	49.02
Line Constructor (Electrical)	35.97	18.08	54.05
Painter	21.32	11.29	32.61
Pavement Marking Operator	26.52	17.13	43.65
Piledriver	28.11	23.37	51.48
Roofer or Waterproofer	16.75	6.49	23.24
Teledata Technician or Installer	21.26	11.75	33.01
Tuckpointer, Caulker or Cleaner	31.16	11.07	42.23
Underwater Diver (Except on Great Lakes)	36.20	18.81	55.01
Heavy Equipment Operator - ELECTRICAL LINE CONSTRUCTION ONLY	33.87	16.10	49.97
Light Equipment Operator -ELECTRICAL LINE CONSTRUCTION ONLY	28.78	16.21	44.99
Heavy Truck Driver - ELECTRICAL LINE CONSTRUCTION ONLY	25.18	13.07	38.25
Light Truck Driver - ELECTRICAL LINE CONSTRUCTION ONLY	23.38	12.48	35.86
Groundman - ELECTRICAL LINE CONSTRUCTION ONLY	21.30	10.97	32.27

TRADE OR OCCUPATION	HOURLY BASIC RATE OF PAY	HOURLY FRINGE BENEFITS	TOTAL
	$	$	$
TRUCK DRIVERS			
Single Axle or Two Axle	22.35	16.19	38.54
Future Increase(s): Add $1.75/hr on 6/1/2012; 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.			
Three or More Axle	22.50	16.19	38.69
Future Increase(s): Add $1.75/hr on 6/1/2012; 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	24.91	15.63	40.54
Pavement Marking Vehicle	23.99	14.64	38.63
Shadow or Pilot Vehicle	24.76	15.35	40.11
Truck Mechanic	24.91	15.35	40.26
LABORERS			
General Laborer	26.92	13.45	40.37
Future Increase(s): Add $1.60/hr on 6/1/2012: Add $1.70/hr on 6/1/2013; Add $1.60/hr on 6/1/2014. Premium Pay: Add $.10/hr for topman, air tool operator, vibrator or tamper operator (mechanical hand operated), chain saw operator and demolition burning torch laborer; Add $.15/hr for bituminous worker (raker and luteman), formsetter (curb, sidewalk and pavement) and strike off man; Add $.20/hr for blaster and powderman; Add $.25/hr for bottomman; Add $.35/hr for line and grade specialist; Add $.45/hr for pipelayer. DOT PREMIUMS: 1) Pay two times the hourly basic rate on Sunday, New Year's Day, Memorial Day, Independence Day, Labor Day, Thanksgiving Day & Christmas Day. 2) Add $1.25/hr for work on projects involving temporary traffic control setup, for lane and shoulder closures, when work under artificial illumination conditions is necessary as required by the project provisions (including prep time prior to and/or cleanup after such time period).			
Asbestos Abatement Worker	23.96	12.88	36.84
Landscaper	26.92	13.45	40.37
Future Increase(s): Add $1.60/hr on 6/1/12; 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	23.55	13.45	37.00
Future Increase(s): Add $1.60/hr on 6/1/2012; 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.			
Fiber Optic Laborer (Outside, Other Than Concrete Encased)	17.61	11.67	29.28
Railroad Track Laborer	23.96	12.88	36.84

TRADE OR OCCUPATION	HOURLY BASIC RATE OF PAY $	HOURLY FRINGE BENEFITS $	TOTAL $
HEAVY EQUIPMENT OPERATORS			
Crane, Tower Crane, Pedestal Tower or Derrick, With Boom, Leads &/or Jib Lengths Measuring 176 Ft or Over; Crane, Tower Crane, Pedestal Tower or Derrick, With or Without Attachments, With a Lifting Capacity of Over 100 Tons, Self-Erecting Tower Crane With a Lifting Capacity Of Over 4,000 Lbs., Crane With Boom Dollies; Traveling Crane (Bridge Type). Future Increase(s): Add $2/hr on 6/1/12; 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 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).	34.22	18.90	53.12
Backhoe (Track Type) Having a Mfgr.'s Rated Capacity of 130,000 Lbs. or Over; Caisson Rig; Crane, Tower Crane, Portable Tower, Pedestal Tower or Derrick, With Boom, Leads &/or Jib Lengths Measuring 175 Ft or Under; Crane, Tower Crane, Portable Tower, Pedestal Tower or Derrick, With or Without Attachments, With a Lifting Capacity of 100 Tons or Under, Self-Erecting Tower Crane With A Lifting Capacity Of 4,000 Lbs., & Under; Dredge (NOT Performing Work on the Great Lakes); Licensed Boat Pilot (NOT Performing Work on the Great Lakes); Pile Driver. Future Increase(s): Add $2/hr on 6/1/12; 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 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).	33.72	18.90	52.62
Air Track, Rotary or Percussion Drilling Machine &/or Hammers, Blaster; Asphalt Heater, Planer & Scarifier; Asphalt Milling Machine; Asphalt Screed; Automatic Subgrader (Concrete); Backhoe (Track Type) Having a Mfgr.'s Rated Capacity of Under 130,000 Lbs., Backhoe (Mini, 15,000 Lbs. & Under); Bituminous (Asphalt) Plant & Paver, Screed; Boatmen (NOT Performing Work on the Great Lakes); Boring Machine (Directional, Horizontal or Vertical); Bridge (Bidwell) Paver; Bulldozer or Endloader; Concrete Batch Plant, Batch Hopper; Concrete Breaker (Large, Auto, VIbratory/Sonic, Manual or Remote); Concrete Bump Cutter, Grinder, Planing or Grooving Machine; Concrete Conveyor System; Concrete Laser/Screed; Concrete Paver (Slipform); Concrete Pump, Concrete Conveyor (Rotec or Bidwell Type); Concrete Slipform Placer Curb & Gutter Machine; Concrete Spreader & Distributor; Crane (Carry Deck, Mini) or Truck Mounted Hydraulic Crane (10 Tons or Under); Crane WIth a Lifting Capacity of 25 Tons or Under; Forestry Equipment, Timbco, Tree Shear, Tub Grinder, Processor; Gradall (Cruz-Aire Type); Grader or Motor Patrol; Grout Pump; Hydro-Blaster (10,000 PSI or Over); Loading Machine (Conveyor); Material or Stack Hoist; Mechanic or Welder; Milling Machine; Post Hole Digger or Driver; Roller (Over 5 Ton); Scraper (Self Propelled or Tractor Drawn) 5 cu yds or More Capacity; Shoulder Widener; Sideboom; Skid Rig; Stabilizing or Concrete Mixer (Self-Propelled or 14S or Over); Straddle Carrier or Travel Lift; Tractor (Scraper, Dozer, Pusher, Loader); Tractor or Truck Mounted Hydraulic Backhoe; Trencher (Wheel Type or Chain Type); Tube Finisher; Tugger (NOT Performing Work on the Great Lakes); Winches	33.22	18.90	52.12

TRADE OR OCCUPATION	HOURLY BASIC RATE OF PAY	HOURLY FRINGE BENEFITS	TOTAL
	$	$	$
& A- Frames. Future Increase(s): Add $2/hr on 6/1/12; 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 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).			
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 Sawer (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 6/1/12; 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 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).	32.96	18.90	51.86
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 6/1/12; 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 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).	33.22	18.90	52.12
Fiber Optic Cable Equipment.	24.39	15.45	39.84

CONTRACT: 20130409019 PROJECT(S): 4075-20-71 FEDERAL ID(S): NA

CONTRACTOR :_____

LINE NO	ITEM DESCRIPTION	APPROX. QUANTITY AND UNITS	UNIT PRICE DOLLARS	UNIT PRICE CTS	BID AMOUNT DOLLARS	BID AMOUNT CTS
	SECTION 0001 CONTRACT ITEMS					
0010	201.0105 CLEARING	2.000 STA		.		.
0020	201.0120 CLEARING	196.000 ID		.		.
0030	201.0205 GRUBBING	2.000 STA		.		.
0040	201.0220 GRUBBING	279.000 ID		.		.
0050	204.0100 REMOVING PAVEMENT	44,153.000 SY		.		.
0060	204.0150 REMOVING CURB & GUTTER	966.000 LF		.		.
0070	204.0155 REMOVING CONCRETE SIDEWALK	6,877.000 SY		.		.
0080	204.0195 REMOVING CONCRETE BASES	1.000 EACH		.		.
0090	204.0210 REMOVING MANHOLES	27.000 EACH		.		.
0100	204.0220 REMOVING INLETS	53.000 EACH		.		.

CONTRACT: 20130409019 PROJECT(S): 4075-20-71 FEDERAL ID(S): NA

CONTRACTOR :_____

LINE NO	ITEM DESCRIPTION	APPROX. QUANTITY AND UNITS	UNIT PRICE DOLLARS	UNIT PRICE CTS	BID AMOUNT DOLLARS	BID AMOUNT CTS
0110	204.0245 REMOVING STORM SEWER (SIZE) 01. 12-INCH OR LESS	1,937.000 LF		.		.
0120	204.0245 REMOVING STORM SEWER (SIZE) 02. GREATER THAN 12-INCH	1,866.000 LF		.		.
0130	205.0100 EXCAVATION COMMON	45,129.000 CY		.		.
0140	205.0501.S EXCAVATION, HAULING, AND DISPOSAL OF PETROLEUM CONTAMINATED SOIL	15.000 TON		.		.
0150	213.0100 FINISHING ROADWAY (PROJECT) 01. 4075-20-71	1.000 EACH		.		.
0160	305.0110 BASE AGGREGATE DENSE 3/4-INCH	2,228.000 TON		.		.
0170	305.0120 BASE AGGREGATE DENSE 1 1/4-INCH	19,587.000 TON		.		.
0180	311.0110 BREAKER RUN	36,729.000 TON		.		.
0190	405.0100 COLORING CONCRETE RED	11.500 CY		.		.
0200	415.0080 CONCRETE PAVEMENT 8-INCH	38,031.000 SY		.		.
0210	415.0210 CONCRETE PAVEMENT GAPS	20.000 EACH		.		.

CONTRACT: 20130409019 PROJECT(S): 4075-20-71 FEDERAL ID(S): NA

CONTRACTOR :_____

LINE NO	ITEM DESCRIPTION	APPROX. QUANTITY AND UNITS	UNIT PRICE DOLLARS	UNIT PRICE CTS	BID AMOUNT DOLLARS	BID AMOUNT CTS
0220	416.0160 CONCRETE DRIVEWAY 6-INCH	3,141.000 SY	.		.	
0230	416.0170 CONCRETE DRIVEWAY 7-INCH	1,463.000 SY	.		.	
0240	416.0180 CONCRETE DRIVEWAY 8-INCH	171.000 SY	.		.	
0250	416.0610 DRILLED TIE BARS	36.000 EACH	.		.	
0260	416.0620 DRILLED DOWEL BARS	256.000 EACH	.		.	
0270	440.4410.S INCENTIVE IRI RIDE	5,915.000 DOL	1.00000		5915.00	
0280	455.0105 ASPHALTIC MATERIAL PG58-28	3.700 TON	.		.	
0290	455.0120 ASPHALTIC MATERIAL PG64-28	2.900 TON	.		.	
0300	455.0605 TACK COAT	12.000 GAL	.		.	
0310	460.1103 HMA PAVEMENT TYPE E-3	119.000 TON	.		.	
0320	460.2000 INCENTIVE DENSITY HMA PAVEMENT	80.000 DOL	1.00000		80.00	

CONTRACT: 20130409019 PROJECT(S): 4075-20-71 FEDERAL ID(S): NA

CONTRACTOR :_____

LINE NO	ITEM DESCRIPTION	APPROX. QUANTITY AND UNITS	UNIT PRICE DOLLARS	UNIT PRICE CTS	BID AMOUNT DOLLARS	BID AMOUNT CTS
0330	465.0120 ASPHALTIC SURFACE DRIVEWAYS AND FIELD ENTRANCES	482.000 TON		.		.
0340	465.0125 ASPHALTIC SURFACE TEMPORARY	48.000 TON		.		.
0350	513.2050.S RAILING PIPE	6.000 LF		.		.
0360	520.8000 CONCRETE COLLARS FOR PIPE	5.000 EACH		.		.
0370	601.0105 CONCRETE CURB TYPE A	6.000 LF		.		.
0380	601.0110 CONCRETE CURB TYPE D	13.000 LF		.		.
0390	601.0342 CONCRETE CURB & GUTTER INTEGRAL 18-INCH	15,793.000 LF		.		.
0400	601.0407 CONCRETE CURB & GUTTER 18-INCH TYPE D	487.000 LF		.		.
0410	601.0411 CONCRETE CURB & GUTTER 30-INCH TYPE D	304.000 LF		.		.
0420	601.0600 CONCRETE CURB PEDESTRIAN	104.000 LF		.		.
0430	602.0405 CONCRETE SIDEWALK 4-INCH	63,792.000 SF		.		.

CONTRACT: 20130409019 PROJECT(S): 4075-20-71 FEDERAL ID(S): NA

CONTRACTOR :_____

LINE NO	ITEM DESCRIPTION	APPROX. QUANTITY AND UNITS	UNIT PRICE DOLLARS	UNIT PRICE CTS	BID AMOUNT DOLLARS	BID AMOUNT CTS
0440	602.0415 CONCRETE SIDEWALK 6-INCH	1,827.000 SF		.		.
0450	602.0515 CURB RAMP DETECTABLE WARNING FIELD NATURAL PATINA	280.000 SF		.		.
0460	602.1500 CONCRETE STEPS	98.000 SF		.		.
0470	608.0312 STORM SEWER PIPE REINFORCED CONCRETE CLASS III 12-INCH	3,123.000 LF		.		.
0480	608.0315 STORM SEWER PIPE REINFORCED CONCRETE CLASS III 15-INCH	185.000 LF		.		.
0490	608.0318 STORM SEWER PIPE REINFORCED CONCRETE CLASS III 18-INCH	138.000 LF		.		.
0500	608.0324 STORM SEWER PIPE REINFORCED CONCRETE CLASS III 24-INCH	5,568.000 LF		.		.
0510	608.0330 STORM SEWER PIPE REINFORCED CONCRETE CLASS III 30-INCH	478.000 LF		.		.
0520	608.0336 STORM SEWER PIPE REINFORCED CONCRETE CLASS III 36-INCH	43.000 LF		.		.
0530	611.0612 INLET COVERS TYPE C	1.000 EACH		.		.
0540	611.0624 INLET COVERS TYPE H	51.000 EACH		.		.

CONTRACT: 20130409019 PROJECT(S): 4075-20-71 FEDERAL ID(S): NA

CONTRACTOR :_____

LINE NO	ITEM DESCRIPTION	APPROX. QUANTITY AND UNITS	UNIT PRICE DOLLARS	UNIT PRICE CTS	BID AMOUNT DOLLARS	BID AMOUNT CTS
0550	611.0639 INLET COVERS TYPE H-S	13.000 EACH		.		.
0560	611.2004 MANHOLES 4-FT DIAMETER	31.000 EACH		.		.
0570	611.2006 MANHOLES 6-FT DIAMETER	5.000 EACH		.		.
0580	611.3003 INLETS 3-FT DIAMETER	1.000 EACH		.		.
0590	611.3230 INLETS 2X3-FT	64.000 EACH		.		.
0600	611.8110 ADJUSTING MANHOLE COVERS	33.000 EACH		.		.
0610	611.8115 ADJUSTING INLET COVERS	3.000 EACH		.		.
0620	616.0700.S FENCE SAFETY	16,579.000 LF		.		.
0630	619.1000 MOBILIZATION	1.000 EACH		.		.
0640	624.0100 WATER	120.000 MGAL		.		.
0650	625.0100 TOPSOIL	17,500.000 SY		.		.

CONTRACT: 20130409019 PROJECT(S): 4075-20-71 FEDERAL ID(S): NA

CONTRACTOR :_____

LINE NO	ITEM DESCRIPTION	APPROX. QUANTITY AND UNITS	UNIT PRICE DOLLARS	UNIT PRICE CTS	BID AMOUNT DOLLARS	BID AMOUNT CTS
0660	627.0200 MULCHING	1,246.000 SY		.		.
0670	628.1504 SILT FENCE	239.000 LF		.		.
0680	628.1520 SILT FENCE MAINTENANCE	239.000 LF		.		.
0690	628.1905 MOBILIZATIONS EROSION CONTROL	10.000 EACH		.		.
0700	628.1910 MOBILIZATIONS EMERGENCY EROSION CONTROL	5.000 EACH		.		.
0710	628.7005 INLET PROTECTION TYPE A	3.000 EACH		.		.
0720	628.7010 INLET PROTECTION TYPE B	6.000 EACH		.		.
0730	628.7015 INLET PROTECTION TYPE C	126.000 EACH		.		.
0740	628.7020 INLET PROTECTION TYPE D	16.000 EACH		.		.
0750	628.7560 TRACKING PADS	2.000 EACH		.		.
0760	629.0210 FERTILIZER TYPE B	11.000 CWT		.		.

CONTRACT: 20130409019 PROJECT(S): 4075-20-71 FEDERAL ID(S): NA

CONTRACTOR :_____

LINE NO	ITEM DESCRIPTION	APPROX. QUANTITY AND UNITS	UNIT PRICE DOLLARS	UNIT PRICE CTS	BID AMOUNT DOLLARS	BID AMOUNT CTS
0770	630.0200 SEEDING TEMPORARY	131.000 LB		.		.
0780	631.0300 SOD WATER	365.000 MGAL		.		.
0790	631.1000 SOD LAWN	16,246.000 SY		.		.
0800	637.0202 SIGNS REFLECTIVE TYPE II	535.010 SF		.		.
0810	638.2102 MOVING SIGNS TYPE II	7.000 EACH		.		.
0820	638.2602 REMOVING SIGNS TYPE II	60.000 EACH		.		.
0830	638.3000 REMOVING SMALL SIGN SUPPORTS	26.000 EACH		.		.
0840	642.5201 FIELD OFFICE TYPE C	1.000 EACH		.		.
0850	643.0100 TRAFFIC CONTROL (PROJECT) 01. 4075-20-71	1.000 EACH		.		.
0860	643.0300 TRAFFIC CONTROL DRUMS	20,550.000 DAY		.		.
0870	643.0410 TRAFFIC CONTROL BARRICADES TYPE II	704.000 DAY		.		.

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CONTRACTOR :_____

LINE NO	ITEM DESCRIPTION	APPROX. QUANTITY AND UNITS	UNIT PRICE DOLLARS	UNIT PRICE CTS	BID AMOUNT DOLLARS	BID AMOUNT CTS
0880	643.0420 TRAFFIC CONTROL BARRICADES TYPE III	11,097.000 DAY		.		.
0890	643.0705 TRAFFIC CONTROL WARNING LIGHTS TYPE A	14,796.000 DAY		.		.
0900	643.0715 TRAFFIC CONTROL WARNING LIGHTS TYPE C	6,850.000 DAY		.		.
0910	643.0900 TRAFFIC CONTROL SIGNS	7,065.000 DAY		.		.
0920	643.0920 TRAFFIC CONTROL COVERING SIGNS TYPE II	14.000 EACH		.		.
0930	643.1050 TRAFFIC CONTROL SIGNS PCMS	14.000 DAY		.		.
0940	643.2000 TRAFFIC CONTROL DETOUR (PROJECT) 01. 4075-20-71	1.000 EACH		.		.
0950	643.3000 TRAFFIC CONTROL DETOUR SIGNS	16,714.000 DAY		.		.
0960	646.0103 PAVEMENT MARKING PAINT 4-INCH	268.000 LF		.		.
0970	646.0106 PAVEMENT MARKING EPOXY 4-INCH	35,867.000 LF		.		.
0980	646.0126 PAVEMENT MARKING EPOXY 8-INCH	1,010.000 LF		.		.

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CONTRACTOR :_____

LINE NO	ITEM DESCRIPTION	APPROX. QUANTITY AND UNITS	UNIT PRICE DOLLARS	UNIT PRICE CTS	BID AMOUNT DOLLARS	BID AMOUNT CTS
0990	647.0153 PAVEMENT MARKING ARROWS PAINT TYPE 1	2.000 EACH		.		.
1000	647.0166 PAVEMENT MARKING ARROWS EPOXY TYPE 2	28.000 EACH		.		.
1010	647.0206 PAVEMENT MARKING ARROWS BIKE LANE EPOXY	35.000 EACH		.		.
1020	647.0306 PAVEMENT MARKING SYMBOLS BIKE LANE EPOXY	35.000 EACH		.		.
1030	647.0356 PAVEMENT MARKING WORDS EPOXY	8.000 EACH		.		.
1040	647.0406 PAVEMENT MARKING WORDS BIKE LANE EPOXY	6.000 EACH		.		.
1050	647.0556 PAVEMENT MARKING STOP LINE EPOXY 12-INCH	247.000 LF		.		.
1060	647.0716 PAVEMENT MARKING DIAGONAL EPOXY 8-INCH	287.000 LF		.		.
1070	647.0766 PAVEMENT MARKING CROSSWALK EPOXY 6-INCH	1,822.000 LF		.		.
1080	650.4000 CONSTRUCTION STAKING STORM SEWER	102.000 EACH		.		.
1090	650.4500 CONSTRUCTION STAKING SUBGRADE	8,850.000 LF		.		.

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CONTRACTOR :_____

LINE NO	ITEM DESCRIPTION	APPROX. QUANTITY AND UNITS	UNIT PRICE DOLLARS	UNIT PRICE CTS	BID AMOUNT DOLLARS	BID AMOUNT CTS
1100	650.5000 CONSTRUCTION STAKING BASE	142.000 LF		.		.
1110	650.5500 CONSTRUCTION STAKING CURB GUTTER AND CURB & GUTTER	810.000 LF		.		.
1120	650.7000 CONSTRUCTION STAKING CONCRETE PAVEMENT	8,709.000 LF		.		.
1130	650.9910 CONSTRUCTION STAKING SUPPLEMENTAL CONTROL (PROJECT) 01. 4075-20-71	LUMP	LUMP			.
1140	650.9920 CONSTRUCTION STAKING SLOPE STAKES	8,850.000 LF		.		.
1150	690.0150 SAWING ASPHALT	2,855.000 LF		.		.
1160	690.0250 SAWING CONCRETE	1,949.000 LF		.		.
1170	715.0415 INCENTIVE STRENGTH CONCRETE PAVEMENT	11,410.000 DOL	1.00000		11410.00	
1180	SPV.0045 SPECIAL 01. TEMPORARY CROSSWALK ACCESS	2,250.000 DAY		.		.
1190	SPV.0060 SPECIAL 01. MANHOLE 8 FOOT	1.000 EACH		.		.
1200	SPV.0060 SPECIAL 02. UTILITY LINE OPENING	165.000 EACH		.		.

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LINE NO	ITEM DESCRIPTION	APPROX. QUANTITY AND UNITS	UNIT PRICE DOLLARS	UNIT PRICE CTS	BID AMOUNT DOLLARS	BID AMOUNT CTS
1210	SPV.0060 SPECIAL 03. MANHOLE COVER TYPE J SPECIAL	37.000 EACH		.		.
1220	SPV.0060 SPECIAL 04. ABANDONING STORM SEWER	3.000 EACH		.		.
1230	SPV.0060 SPECIAL 05. ADJUSTING WATER VALVES	52.000 EACH		.		.
1240	SPV.0060 SPECIAL 06. PRECAST CONCRETE WASTE CONTAINERS	7.000 EACH		.		.
1250	SPV.0060 SPECIAL 07. PRECAST CONCRETE PLANTERS	7.000 EACH		.		.
1260	SPV.0060 SPECIAL 08. BENCH	6.000 EACH		.		.
1270	SPV.0060 SPECIAL 09. DECORATIVE SIGN POLE ASSEMBLY 10 FOOT	19.000 EACH		.		.
1280	SPV.0060 SPECIAL 10. DECORATIVE SIGN POLE ASSEMBLY 12 FOOT	61.000 EACH		.		.
1290	SPV.0060 SPECIAL 11. DECORATIVE SIGN POLE ASSEMBLY 14 FOOT	13.000 EACH		.		.
1300	SPV.0060 SPECIAL 12. INSTALL VILLAGE FURNISHED STREET SIGNS	24.000 EACH		.		.
1310	SPV.0075 SPECIAL 01. STREET SWEEPING	30.000 HRS		.		.

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LINE NO	ITEM DESCRIPTION	APPROX. QUANTITY AND UNITS	UNIT PRICE DOLLARS	UNIT PRICE CTS	BID AMOUNT DOLLARS	BID AMOUNT CTS
1320	SPV.0090 SPECIAL 01. STORM SEWER LATERAL 4 INCH	4,720.000 LF		.		.
1330	SPV.0090 SPECIAL 02. STORM SEWER LATERAL 8 INCH	89.000 LF		.		.
1340	SPV.0090 SPECIAL 03. STORM SEWER PIPE PVC 8 INCH	32.000 LF		.		.
1350	SPV.0090 SPECIAL 04. TELEVISING STORM SEWER	9,567.000 LF		.		.
1360	SPV.0090 SPECIAL 05. RETAINING CURB	43.000 LF		.		.
1370	SPV.0105 SPECIAL 01. CONCRETE PAVEMENT JOINT LAYOUT	LUMP	LUMP			.
1380	SPV.0180 SPECIAL 01. SEALING CONCRETE PAVEMENT JOINTS	38,031.000 SY		.		.
	SECTION 0001 TOTAL					.
	TOTAL BID					.

PLEASE ATTACH SCHEDULE OF ITEMS HERE