

HIGHWAY WORK PROPOSAL

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

Proposal Number: **038**

<u>COUNTY</u>	<u>STATE PROJECT</u>	<u>FEDERAL</u>	<u>PROJECT DESCRIPTION</u>	<u>HIGHWAY</u>
Brown	4987-02-65	WISC 2019171	C Green Bay, Webster Ave; University Ave To Radisson St	LOC STR

ADDENDUM REQUIRED ATTACHED AT BACK

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: \$100,000.00 Payable to: Wisconsin Department of Transportation	Attach Proposal Guaranty on back of this PAGE.
Bid Submittal Date: March 12, 2019 Time (Local Time): 9:00 am	Firm Name, Address, City, State, Zip Code
Contract Completion Time November 01, 2019	SAMPLE NOT FOR BIDDING PURPOSES
Assigned Disadvantaged Business Enterprise Goal 7%	This contract is exempt from federal oversight.

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

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

Subscribed and sworn to before me this date _____

(Signature, Notary Public, State of Wisconsin)

(Bidder Signature)

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

(Print or Type Bidder Name)

(Date Commission Expires)

(Bidder Title)

Notary Seal

Type of Work: Grading, Base, Concrete Pavement, Asphalt Pavement, Storm Sewer, Curb and Gutter, Sidewalk, Concret Driveway, Street Lighting, Traffic Signals, Pavement Markings	For Department Use Only
Notice of Award Dated	Date Guaranty Returned

**PLEASE ATTACH
PROPOSAL GUARANTY HERE**

Effective with November 2007 Letting

PROPOSAL REQUIREMENTS AND CONDITIONS

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

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

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

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

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

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

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

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

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

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

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

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

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

Effective with August 2015 Letting

BID PREPARATION

Preparing the Proposal Schedule of Items

A General

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

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

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

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

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

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

or by calling the department at (608) 266-1631. Addenda can ONLY be obtained from the department's web site listed above or by picking up the addenda at the Bureau of Highway Construction, 4th floor, 4822 Madison Yards Way, Madison, WI, during regular business hours.

- (7) Addenda posted after 5:00 PM on the Thursday before the letting will be emailed to the eligible bidders for that proposal. All eligible bidders shall acknowledge receipt of the addenda whether they are bidding on the proposal or not. Not acknowledging receipt may jeopardize the awarding of the project.

B Submitting Electronic Bids

B.1 On the Internet

- (1) Do the following before submitting the bid:
 1. Have a properly executed annual bid bond on file with the department.

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

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

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

Bidder Name

BN00

Proposals: 1, 12, 14, & 22

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

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

C Waiver of Electronic Submittal

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

PROPOSAL BID BOND

DT1303 1/2006

Wisconsin Department of Transportation

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

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

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

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

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

PRINCIPAL

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

(Signature and Title)

(Company Name)

(Signature and Title)

(Company Name)

(Signature and Title)

(Company Name)

(Signature and Title)

NOTARY FOR PRINCIPAL

(Date)

State of Wisconsin)
) ss.
_____ County)

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

(Signature, Notary Public, State of Wisconsin)

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

(Date Commission Expires)

Notary Seal

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

(Signature of Attorney-in-Fact)

NOTARY FOR SURETY

(Date)

State of Wisconsin)
) ss.
_____ County)

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

(Signature, Notary Public, State of Wisconsin)

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

(Date Commission Expires)

Notary Seal

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

CERTIFICATE OF ANNUAL BID BOND

DT1305 8/2003

Wisconsin Department of Transportation

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

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

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

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

(Signature of Authorized Contractor Representative)

(Date)

March 2010

LIST OF SUBCONTRACTORS

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

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

[illegible]

DECEMBER 2000

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

Instructions for Certification

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

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

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

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

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

Special Provisions

Table of Contents

Article	Description	Page #
1.	General.....	5
2.	Scope of Work.....	5
3.	Prosecution and Progress.....	5
4.	Referenced Construction Specifications.....	6
5.	Coordination with Businesses and Residents.....	6
6.	Public Convenience and Safety.....	7
7.	Traffic.....	7
8.	Staging.....	9
9.	Holiday and Other Work Restrictions.....	10
10.	Utilities.....	10
11.	Work by Others.....	15
12.	Railroad Insurance and Coordination - Wisconsin Central Ltd (CN).....	15
13.	Hauling Restrictions.....	16
14.	Preservation of Existing Trees.....	16
15.	Information to Bidders, WPDES General Construction Storm Water Discharge Permit.....	17
16.	Environmental Protection, Historic Property.....	17
17.	Environmental Protection, Dewatering.....	17
18.	Environmental Protection, Emerald Ash Borer.....	17
19.	Environmental Protection, Dust Control.....	19
20.	Notice to Contractor, Mail Delivery.....	19
21.	Notice to Contractor – Monotube Poles.....	19
22.	Notice to Contractor – Acquired Houses.....	20
23.	Notice to Contractor – Crushing Concrete.....	20
24.	Notice to Contractor – Green Bay Area School District.....	20
25.	Notice to Contractor – Garbage and Recycling Pickup.....	20
26.	Notice to Contractor – Street Sweeping.....	20
27.	Notice to Contractor – Geotechnical Investigation.....	20
28.	Notice to Contractor – Storm Water Drainage.....	20
29.	Notice to Contractor – Roadway Maintenance.....	20
30.	Notice to Contractor – Removed Buildings.....	21
31.	Clearing and Grubbing.....	21
32.	Removing Storm Sewer (Size), Item 204.0245.01 through Item 204.0245.07.....	21
33.	Removing or Abandoning Miscellaneous Structures.....	21
34.	Coloring Concrete Custom, Item 405.0200.....	21
35.	Concrete Pavement Joint Layout, Item 415.5110.S.....	22
36.	Concrete Pavement.....	22
37.	Concrete Pavement Joint Filling.....	23

38.	Protection of Concrete.	23
39.	Curb Ramp Detectable Warning Field.	23
40.	Riprap Medium.	23
41.	Storm Sewer.	23
42.	Storm Sewer Pipe.	24
43.	Cover Plates Temporary, Item 611.8120.S.	24
44.	Pipe Underdrain	24
45.	Insulation Board Polystyrene, 2-Inch, Item 612.0902.S.01.	25
46.	Sod Water, Item 631.0300.	25
47.	Sign Box Outs.	25
48.	Traffic Control.	25
49.	Portable Changeable Message Signs - Message Prior Approval.	26
50.	Temporary Pedestrian Surface Asphalt, Item 644.1410.S.	26
51.	Temporary Pedestrian Safety Fence, Item 644.1616.S.	27
52.	Construction Staking Slope Stakes, Item 650.9920.	28
53.	Traffic Signals and Lighting General.	28
54.	Signal Mounting Hardware.	29
55.	Traffic Signal Face 3-12 Inch Vertical; Traffic Signal Face 4-12 Inch Vertical.	29
56.	LED Modules Pedestrian Countdown Timer 16 Inch.	29
57.	Pedestrian Push Buttons.	29
58.	Optimized Aggregate Gradation Incentive, Item 715.0710.	30
59.	Flexural Strength for Concrete Mix Design.	32
60.	Temporary Crosswalk Access, Item SPV.0045.01.	32
61.	Manhole Covers Type GB-J, Item SPV.0060.01.	34
62.	Inlet Covers Type GB-H, Item SPV.0060.02; Inlet Covers Type GB-C, SPV.0060.03; Inlet Covers Type GB-CSH, SPV.0060.04.	34
63.	Inlets GB 2x3-FT, Item SPV.0060.05; Inlets GB 2.5-FT, Item SPV.0060.06; Inlets GB 4-FT, Item SPV.0060.07; Inlets GB 5-FT, Item SPV.0060.08; Inlets GB 7-FT, Item SPV.0060.09; Inlets Type GB 4x6-FT, Item SPV.0060.10; Manholes GB 4-FT, Item SPV.0060.11; Manholes GB 5-FT, Item SPV.0060.12; Manholes GB 6-FT, Item SPV.0060.13; Manholes GB 7-FT, Item SPV.0060.14; Manholes GB 8-FT, Item SPV.0060.15.	35
64.	Storm Sewer Tap 24x10-Inch, Item SPV.0060.16; Storm Sewer Tap 24x12-Inch, Item SPV.0060.17; Storm Sewer Tap 36x12-Inch, Item SPV.0060.18; Storm Sewer Tap 42x12-Inch, Item SPV.0060.19; Storm Sewer Tap 54x12-Inch, Item SPV.0060.20; Storm Sewer Tap (19x30)x10-Inch, Item SPV.0060.21; Storm Sewer Tap (19x30)x12-Inch, Item SPV.0060.22; Storm Sewer Tap (24x38)x12-Inch, Item SPV.0060.23; Storm Sewer Tap (29x45)x12-Inch, Item SPV.0060.24; Storm Sewer Tap (34x53)x12-Inch, Item SPV.0060.25; Storm Sewer Tap Inlet, SPV.0060.36.	36
65.	Backflow Preventer 10-Inch, Item SPV.0060.26.	36
66.	Temporary Storm Sewer Connection, Item SPV.0060.27.	37
67.	Install Inlet Covers, Item SPV.0060.28.	37
68.	Adjusting Sanitary Manhole Covers, Item SPV.0060.29; Adjusting Storm Sewer Manhole Covers, Item SPV.0060.30; Adjusting Inlet Covers, SPV.0060.31.	38
69.	Adjusting Water Valve Boxes, Item SPV.0060.32; Adjusting Water Valve Curb Boxes, Item SPV.0060.33.	38

70.	Utility Line Opening, Item SPV.0060.34.....	39
71.	Rotate Sanitary Manhole Cone, SPV.0060.35.	40
72.	Concrete Inlet Bottom Smith Street, SPV.0060.37.	40
73.	Pull Boxes Polymer Concrete 17x30x34-Inch, Item SPV.0060.50; Pull Boxes Polymer Concrete 24x36x36-Inch, Item SPV.0060.51.	41
74.	Concrete Bases Type 2 Special, Item SPV.0060.52; Concrete Bases Type 4 Special, Item SPV.0060.53.	41
75.	Monotube Pole T4 with 40-FT Arm, Item SPV.0060.54; Monotube Pole T4 with 45-FT Arm, Item SPV.0060.55.	42
76.	Traffic Signal Controller, SPV.0060.56.	42
77.	Controller Cabinet 8-Phase TS-2 Ethernet, SPV.0060.57.	44
78.	Traffic Signal Ground Sleeve, SPV.0060.58.....	47
79.	Pole Type 2, 30-FT, Item SPV.0060.59.	47
80.	Luminaire Arm 6 ft, Item SPV.0060.60.	47
81.	Luminaire Roadway, Item SPV.0060.61.	48
82.	Electrical Service Meter Breaker Pedestal, Item SPV.0060.62.	48
83.	Street Light Photo Control 120 V, Item SPV.0060.63.	49
84.	Street Sweeping, Item SPV.0075.01.	49
85.	Low Maintenance Seed Mix, Item SPV.0085.01.	50
86.	Concrete Curb & Gutter 18-Inch Type A Special, Item SPV.0090.01; Concrete Curb and Gutter 24-Inch Type D, Item SPV.0090.02; Concrete Curb & Gutter 18-Inch Type D Special, Item SPV.0090.14.	50
87.	Concrete Curb and Gutter Integral HES 30-Inch Type D, Item SPV.0090.03.	51
88.	Storm Sewer Pipe PVC 8-Inch, Item SPV.0090.04; Storm Sewer Pipe PVC 10-Inch, SPV.0090.05; Storm Sewer Pipe Inlet Lead 12-Inch, SPV.0090.06; Storm Sewer Laterals 6-Inch, SPV.0090.07; Storm Sewer Laterals 12-Inch, SPV.0090.08.....	51
89.	Mini Storm Sewer 6-Inch, Item SPV.0090.09; Mini Storm Sewer 8-Inch, SPV.0090.10.	52
90.	Temporary Marking Stop Line Paint 24-Inch, Item SPV.0090.11.	53
91.	Abandoning Storm Sewer 12-Inch, Item SPV.0090.12; Abandoning Storm Sewer 21-Inch, SPV.0090.13.	53
92.	Marking Crosswalk Epoxy Transverse Line 12-Inch, Item SPV.0090.15.	54
93.	Grading and Shaping Alley Turnaround, Station 17+55, Item SPV.0105.01; Grading and Shaping Alley Turnaround, Station 21+61, Item SPV.0105.02; Grading and Shaping Alley Turnaround, Station 25+61, Item SPV.0105.03; Grading and Shaping Alley Turnaround, Station 29+52, Item SPV.0105.04; Grading and Shaping Alley Turnaround, Station 34+02, Item SPV.0105.05; Grading and Shaping Alley Turnaround, Station 37+92, Item SPV.0105.06; Grading and Shaping Alley Turnaround, Station 45+84, Item SPV.0105.07.	54
94.	Vehicular Video Detection System 4-Camera (University Avenue and Webster Avenue), Item SPV.0105.08.	55
95.	Emergency Vehicle Preemption System (Webster Avenue and University Avenue), Item SPV.0105.09.	59
96.	Remove Traffic Signals (University Ave and Webster Ave), Item SPV.0105.10.	60
97.	Storm Sewer Manhole #3 Cast in Place Concrete, Item SPV.0105.11.	60
98.	Concrete Sidewalk 8-Inch, Item SPV.0165.01.....	61
99.	Test Rolling, Item SPV.0170.01.....	61
100.	Cold Patch, Item SPV.0195.01.	62

101.	1.5-Inch Stone Cradle Storm Sewer, Item SPV.0195.02; 3-Inch Stone Cradle Storm Sewer, Item SPV.0195.03; Sewer Stabilization Aggregate, SPV.0195.04.	63

SPECIAL PROVISIONS

1. General.

Perform the work under this construction contract for Project 4987-02-65, C Green Bay, Webster Ave, University Ave to Radisson St, Loc Str, Brown County, Wisconsin as the plans show and execute the work as specified in the State of Wisconsin, Department of Transportation, Standard Specifications for Highway and Structure Construction, 2019 Edition, as published by the department, and these special provisions.

If all or a portion of the plans and special provisions are developed in the SI metric system and the schedule of prices is developed in the US standard measure system, the department will pay for the work as bid in the US standard system.

100-005 (20180628)

2. Scope of Work.

The work under this contract shall consist of concrete removals, grading, base aggregate dense, concrete pavement, storm sewer, concrete curb and gutter, concrete sidewalks, street lighting, traffic signals, pavement markings, landscaping, 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 contract time for completion is based on an expedited work schedule and may require extraordinary forces and equipment.

Complete construction operations on Webster Avenue to the stage necessary to reopen it to through traffic prior to 12:01 AM September 30, 2019. Do not reopen until completing the following work: Stage 1 and Stage 2 Construction.

If the contractor fails to complete the work necessary to reopen Webster Avenue to through traffic prior to 12:01 AM September 30, 2019, the department will assess the contractor \$2,070 in interim liquidated damages for each calendar day that the roadway remains closed after 12:01 AM, September 30, 2019. An entire calendar day will be charged for any period of time within a calendar day that the road remains closed beyond 12:01 AM.

At the beginning of Stage 3B operations, close Webster Avenue-University Avenue Intersection to through traffic for a maximum of 14 calendar days. Do not reopen until completing the following work: Roadway work including concrete pavement.

If the contractor fails to complete the work necessary to reopen Webster Avenue-University to traffic within 14 calendar days, the department will assess the contractor \$2,070 in interim liquidated damages for each calendar day the contract work remains incomplete beyond 14 calendar days. An entire calendar day will be charged for any period of time within a calendar day that the road remains closed beyond 12:01 AM.

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

Northern Long-eared Bat (*Myotis septentrionalis*)

Northern Long-eared Bats (NLEB) have the potential to inhabit the project limits because they roost in trees. Roosts may not have been observed on this project, but conditions to support the species exist. The species and all active roosts are protected by the Federal Endangered Species Act. If an individual bat or active roost is encountered during construction operations, stop work and notify the engineer and the WisDOT Regional Environmental Coordinator (REC).

In accordance to the final 4(d) rule issued for the NLEB, the department has determined that the proposed activity may affect, but will not result in prohibited take of the NLEB. The activity involves tree removal, but will not occur within 0.25 miles of a known hibernacula, nor will the activity remove a known maternity roost tree or any other tree within 150 feet of a known maternity roost tree.

If additional trees need to be removed, no Clearing shall occur without prior approval from the engineer, following coordination with the WisDOT REC. Additional tree removal beyond the area originally specified will require consultation with the United States Fish and Wildlife Service (USFWS) and may require a bat presence/absence survey. Notify the engineer if additional Clearing cannot be avoided to begin coordination with the WisDOT REC. The WisDOT REC will initiate consultation with the USFWS and determine if a survey is necessary.

Submit a schedule and description of Clearing operations with the ECIP 14 days prior to any Clearing operations. The department will determine, based on schedule and scope of work, what additional erosion control measures shall be implemented prior to the start of Clearing operations, and list those additional measures in the ECIP.

4. Referenced Construction Specifications.

Construct the work enumerated below conforming to the City of Green Bay Standard Specifications & Construction Standards for Public Works Construction, 2019 Edition. If there is a discrepancy or conflict between the referenced specification and the standard specifications regarding contract administration, part 1 of the standard specifications governs.

Conform to the referenced construction specifications for the following:

- Storm Sewer work
- Traffic signals
- Lighting

stp-105-002 (20130615)

5. Coordination with Businesses and Residents.

The contractor shall arrange and conduct a meeting between the contractor, the department, affected residents, local officials and business people to discuss the project schedule of operations including vehicular and pedestrian access during construction operations. Hold the first meeting at least one week prior to the start of work, the second meeting at least one week prior to the start of stage 2, and the third meeting at least one week prior to the start of stage 3. The contractor shall arrange for a suitable location for the meeting(s) that provides reasonable accommodation for public involvement. The City of Green Bay will prepare and coordinate publication of the meeting notices and mailings for the meeting(s). The contractor shall schedule the meeting(s) with at least two weeks prior notice to the engineer to allow for these notifications.

The city will provide WisDOT a resident mailing addresses and will provide a media press release. WisDOT will prepare notice letters (with city approval) and mail out.

6. **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.

stp-107-001 (20060512)

7. **Traffic.**

Close Webster Avenue as appropriate to traffic during construction operations under this contract based on staging. Place the appropriate signing and barricades prior to beginning construction work on the closed roadway sections.

Concrete Pavement Construction

To facilitate the construction of the concrete pavement intersections may be closed for up to 7 days except for the following:

- University Avenue – Closure up to two weeks. See staging section for additional information.

Detour

Webster Avenue

The City of Green Bay will sign a detour when Webster Avenue is closed. The anticipated detour is as follows:

- Main Street to Monroe Avenue to Quincy Street to Radisson Street.

University Avenue

Sign a detour for when University Avenue is completely closed. See detour plans for detailed signing information. The detour will be as follows:

- Irwin Avenue to Radisson Street to Quincy Street.

Coordinate with the City of Green Bay to coordinate detour signing to minimize duplicate signing on common detour route streets.

Maintaining Access

Maintain local and emergency access to adjacent properties to and from the work zone at all times unless otherwise approved by the engineer. An undistributed amount of base aggregate dense 1 ¼-Inch is provided for maintenance of local traffic within the work areas.

At sideroads after storm sewer is installed and before roadway is excavated for base coarse and concrete pavement, use "Asphaltic Surface Temporary" to patch the storm sewer trench area. Once the roadway is excavated for base coarse and concrete pavement, asphaltic surface temporary is not required. Maintain base aggregate surface to provide a satisfactory driving surface.

Keep appropriate emergency officials informed of routes within the construction area to provide emergency services. Allow emergency vehicles access at all times to these areas during construction.

Residential property drive approaches may be closed for the minimum time required to construct new storm sewer, pavement, driveways, and sidewalk, unless otherwise directed by the engineer. Do not close any residential drive approach or remove it from service without giving a 48-hour notice to the occupants of the premises to remove their vehicles prior to removal or closing of the drive access.

During the complete closure of the University Avenue intersection maintain access to the median break for the American Foods Medical clinic entrance located approximately 300 feet east of Webster Avenue. In addition, this median break will be used for access to Golden House. Coordinate access with Golden House at (920) 435-0100.

Staging

Develop the schedule of operations to conform to the construction staging as described in the plans, unless modifications of the plans are approved in writing by the engineer.

Submit any traffic control change request to the engineer at least 72 hours prior to an actual traffic control change. A request does not constitute approval.

Sidewalk Closure Restrictions

Pedestrian access must be maintained throughout the project. All temporary pedestrian access and crossings must be ADA compliant on a hard surface and follow applicable details as show in Standard Detail Drawing 15d30 (sheet a-c) Traffic Control, Pedestrian Accommodation and shown in plans.

Base aggregate dense is not considered a hard surface and will not fulfill this requirement. Contact property owners when sidewalk closures will take place and coordinate any temporary access needed if alternate access does not exist.

Stage 1

Maintain existing sidewalks on both sides of Webster Avenue from the south project limits to north side of University Avenue. Maintain all existing crosswalks at University Avenue.

Maintain existing sidewalks on west side of Webster Avenue from University Avenue to Radisson Street. Provide crossings of Webster Avenue under the bid item of "Temporary Crosswalk Access" at Day Street and Klaus Street.

Use typical pedestrian detour details as shown in plans to sign pedestrian detours during construction operations.

During concrete operations, crosswalk access at Day Street and Klaus Street may be omitted for up to two days. A pedestrian detour does not need to be provided.

Stage 2

Maintain existing sidewalks on both sides of Webster Avenue from the south project limits to north side of University Avenue. Maintain all existing crosswalks at University Avenue.

Maintain existing sidewalks on west side of Webster Avenue from University Avenue to Radisson Street. Provide crossings of Webster Avenue under the bid item of "Temporary Crosswalk Access" at Day Street and Klaus Street.

Use typical pedestrian detour details as shown in plans to sign pedestrian detours during construction operations.

During concrete operations, crosswalk access at Day Street and Klaus Street may be omitted for up to two day. A pedestrian detour does not need to be provided. Maintain the existing crosswalks at University Avenue.

Place pedestrian safety fence adjacent to the temporary sidewalk near the railroad bypass as directed by the engineer and shown in the plans to prevent pedestrians from entering traffic on the bypass roadway.

Stage 3

Use typical pedestrian detour details as shown in plans to sign pedestrian detours during construction operations. The proposed pedestrian detours are as follows:

- Webster Avenue sidewalks closed at University Avenue. Webster Avenue to Main Street to Monroe Avenue to Quincy Street to Harvey Street back to Webster Avenue.
- University Avenue sidewalks closed at Webster Avenue. University Avenue to St George Street to Harvey Street to Quincy Street back to University Avenue.
- Webster Avenue sidewalk closed at Railroad Crossing. Webster Avenue to Smith Street to St George Street to Rebar Street back to Webster Avenue.

Bus Route

Green Bay Metro operates an hourly service route on Webster Avenue and has a bus stop located near Vanderbraak Street. Green Bay Metro will temporarily re-route the buses and will relocate the bus stop on Webster Avenue during construction to an adjacent roadway. A 14 day notice prior to construction shall be given to Green Bay Metro. Contractor shall provide notice to Patty Kiewiz, Transit Director, at (920) 448-3455. Bus routes and schedules can be found at <http://www.greenbaymetro.org>.

8. Staging.

A general description of the construction staging plan as follows:

Stage 1A

Close left lane of northbound and southbound Webster Avenue from Klaus Street to Radisson Street. Complete storm sewer heading south from Radisson Street. Do not switch traffic to next stage until after installation and backfilling of storm sewer MH 16. Pave temporary crossover area between Station 50+50 and Radisson Street.

Replace temporary concrete around storm MH 20 with new concrete pavement HES 8.5-Inch. Replace all temporary pavement from the reconstruction limits shown in the plan to the north.

Shift Radisson Street through traffic to the north to maintain two-way traffic for Radisson Street through the intersection. Westbound Radisson to Southbound Webster traffic can be restricted for no turns. Maintain all other intersection movements.

Stage 1B

Close center lane of northbound Webster Avenue south of University Ave. Close left lane of southbound Webster Avenue from University Avenue to Radisson Street. Shift single lane of northbound Webster Avenue to left lane of southbound Webster Avenue north of University Avenue. Complete construction of new northbound Webster Avenue from Station 18+75 to Station 29+90 and Station 33+84 to 49+50. Construct temporary bypass across railroad crossing.

Stage 2

Close left lane of northbound Webster Avenue south of University Ave. Close center lane of southbound Webster Avenue north of Radisson Street and right lane of southbound Webster Avenue south of Radisson. Shift single lane of southbound Webster Avenue to left lane of the newly constructed northbound Webster Avenue north of University Avenue. Shift to temporary connection across existing railroad crossing between Station 29+90 and 33+84. Complete construction of new southbound Webster Avenue from Station 18+75 to Station 29+90 and Station 33+84 to 49+50.

Stage 3A

Close Webster Avenue to through traffic from south project limits to University Avenue. Always maintain local access to adjacent properties from the south. Close Webster Avenue to through traffic University Avenue to Smith Street. Always maintain local access to adjacent properties from Harvey Street, Day Street, or Smith Street.

Maintain a minimum of a single lane of traffic in each direction on University Avenue outside of allowable complete closure of University Avenue as shown in Prosecution and Progress section.

Close Webster Avenue to through traffic from Reber Street to Klaus Street. Maintain local access to adjacent properties from Reber Street, Berner Street, or Klaus Street. Completely close Webster Avenue from north side of Klaus Street to Radisson Street.

Construct remaining roadway work. A new railroad crossing and signals will be constructed by others during this stage. Concrete pavement between north side or south side of Eastman Avenue and the new railroad crossing surface is to not be constructed until the new crossing surface is completed and elevation of new crossing surface is confirmed.

Between south project limits and University Avenue stage grading, concrete pavement, and concrete driveway work to ensure access at all times to the Medical Clinic located at Station 13+25 Right. Temporary closures to American Foods entrances located at Station 11+25 Left and 13+30 Left are acceptable. Coordinate those closures with Mark Hildebrand, (920) 436-2036 or mhildebrand@americanfoodsgroup.com to schedule closures.

Between University Avenue and Harvey Street stage grading, concrete pavement, and concrete driveway to ensure access at all time to the Green Bay Metro Fire Department/Green Bay Metro Transit Station driveway located at Station 17+25 Left.

Stage 3B

Completely close Webster Avenue and University Avenue intersection. Complete roadway work including traffic signals.

9. Holiday and Other Work Restrictions.

Do not perform work on, nor haul materials of any kind along or across any portion of the highway carrying Mason Street, Main Street, University Avenue or Monroe Avenue traffic, and entirely clear the traveled way and shoulders of such portions of the highway of equipment, barricades, signs, lights, and any other material that might impede the free flow of traffic during the following holiday periods:

- Green Bay Packers Family Night Scrimmage: From three hours before the scrimmage until three hours after the scrimmage;
- Green Bay Packers home games: From three hours before the game until three hours after the end of the game.
- Lambeau Field events: From eight hours before the event until three hours after the event.
- From noon Friday, May 24, 2019 to 7:00 AM Tuesday, May 28, 2019 for Memorial Day;
- From noon Wednesday, July 3, 2019 to 7:00 AM Monday, July 8, 2019 for Independence Day;
- From noon Friday, August 30, 2019 to 7:00 AM Tuesday, September 3, 2019 for Labor Day.

10. Utilities.

This contract does not come under the provision of Administrative Rule Trans 220.

stp-107-066 (20080501)

American Transmission (electric) has an overhead electric transmission facility crossing Webster Avenue at approximately Station 41+85. ATC also has transmission lines running along the west side of Webster Avenue from approximately Station 40+35 to Station 47+30 where the line continues north along the west side of N Webster Ct.

No conflicts are anticipated. The existing transmission poles will remain in place throughout construction. Adhere to the following guidelines when working around the transmission facilities:

- No stockpiling or staging of equipment/materials within the easement at any time. Unobstructed ATC access to the easement area must be maintained at all times.
- Exercise caution when working and driving near ATC transmission facilities to avoid damaging the steel poles.

- Electric fields from transmission lines can cause induced voltage and current on insufficiently grounded equipment that is near the line (such as larger vehicles). This can cause induced voltage on equipment, cause interference to certain electrical devices, and be uncomfortable to people who encounter it. The effects of electromagnetic induction can appear in two ways, either as steady-state voltages of moderate magnitude due to load current flowing in the power line, or as brief high magnitude voltages due to much larger and unbalanced currents flowing in the power line during a fault. Engineering judgment must be exercised in determining the extent of mitigation required to protect operating personnel and the public from hazards. The contractor would be responsible for installing any grounding or mitigation devices necessary on their equipment to minimize this issue.
- In special situations, where there are no other viable options and the excavation must be closer than the 20', the trench must be sheeted, or trench boxed.
- Fill shall not be placed above the elevation of the concrete foundation at the base of the poles. The fill area around all poles must be sloped to drain away from the pole structure or foundation.
- Maintain OSHA Safe Working Clearance from the ATC "69kV and 138kV" lines based on the latest OSHA requirements." It is the contractor's responsibility to determine the distance that needs to be maintained for the type of equipment being used.

The field contact is Chris Dailey, (262) 506-6884.

AT&T (communication) has underground fiber optic along the south side of Harvey Street, crossing Webster Avenue at approximately Station 19+45. AT&T runs underground from approximately Station 19+45 along the west terrace to approximately Station 21+65 where it turns east down the alleyway. AT&T has another underground crossing at approximately Station 34+10.

AT&T plans to perform relocations of their facilities prior to construction in the winter of 2018/2019. The duration of relocations is estimated to last for 90 days and be complete by March 20, 2019. Work will be as follows:

- The existing underground duct package crossing Webster Avenue at approximately Station 19+45 will be discontinued in place. AT&T will discontinue its manhole at approximately Station 19+45.
- New duct packages crossing Webster Avenue at Station 19+50 will be installed under the proposed storm sewer. New manholes will be installed west and east of the project limits along the south side of Harvey Street to connect into the existing facilities.
- New AT&T underground facilities will be directionally bored across Harvey Street at approximately Station 11+30 from the new manhole to the north side of Harvey Street. This bore will continue along the proposed right-of-way and turn north along the east side of Webster Street until approximately Station 21+63, where the bore will tie into a proposed pole. The existing AT&T pole in this area will be removed. The existing pedestal at approximately Station 20+60 will be removed.
- A new manhole will be installed at approximately Station 34+00 within the proposed east terrace of Webster Avenue to tie into the existing buried cable. New cable will be directionally bored across Webster Avenue at approximately Station 34+21 and tie into a proposed pedestal on the west side of Webster Avenue.
- Manhole frame and cover adjustments for the all manholes will be made during construction by AT&T. Contact Schott Sokolowski at least 5 working days in advance of adjustments. Each adjustment will require one working day.

The field contact is Scott Sokolowski, (414) 258-5239, ms4143@att.com.

Brown County Technology Service (communication) has underground fiber optic facilities running along the north side of University Avenue from the west construction limits crossing Webster Avenue at approximately Station 16+10. Underground facilities continue along the east side terrace of Webster Avenue to the north project limits.

Brown County plans to relocate their facilities prior to construction in the spring of 2019. Brown County expects the relocation work to last up to 10 working days and be complete by April 12, 2019. Brown County's facilities will be relocated in conjunction with Merit. Work will be as follows:

- A new duct pack will be installed by tying into the existing line in the northwest quadrant of the University Avenue and Webster Avenue intersection. The new line will then cross Webster Avenue at approximately Station 15+90 and run along the east side of Webster Avenue, 1' east of the proposed trail to approximately Station 48+00. The line will then cross the trail and run 1' west of the trail to approximately Station 54+25 where it will transition back to 1' east of the trail to the end of the project's northern limits.
- New handholes will be installed at the tie in locations (northwest quadrant of University and Webster and the northeast quadrant of Radisson and Webster). A handhole will also be installed at approximately Station 19+40 RT. Field adjustments will be required during construction. Contact Dan Becker at 920-676-3496 5 working days in advance of adjustments. Adjustments are anticipated to take one working day to complete.
- Brown County will discontinue the existing single 3" HDPE duct with 3 fiber optic cables from approximately Station 15+90 to Station 55+05.

The field contact is Dan Becker, (920) 301-7902, dbecker@mcewi.com.

Charter Communications (communication) has underground facilities that run along the back of the existing sidewalk beginning at approximately Station 39+50 and running along the west side of Webster Avenue to the north project limits. Charter's underground facilities also run along the north side of Berner Street, west of Webster Avenue (Charter has no facilities on the north side of Berner St). Charter's underground facilities also run along the north side of Berner Street, west of Webster Avenue. Charter has an underground crossing at approximately Station 44+00. Charter has aerial facilities attached to WPS poles from the beginning of the south project limits along the east side of Webster Avenue, crossing to the west side at approximately Station 31+75 and continuing north until approximately Station 39+50. Charter has an aerial crossing at approximately Station 36+25.

Charter plans to relocate their facilities prior to construction in the fall of 2018. Charter expects the relocation work to last up to 35 working days and be complete by May 1, 2019. Charter's facilities relocation will be dependent on WPS's pole relocation schedule.

Charter will relocate its aerial facilities in conjunction with WPS's pole relocations to approximately Station 39+50. Charter will be overhead along the east side of Webster Avenue from the beginning of the project to approximately Station 39+00. Aerial facilities will then run along the west side of Webster Avenue from approximately Station 33+00 to Station 39+50. Aerial crossings are located at approximately Stations 19+50, 25+50, 29+40, and 39+00. Charter's existing underground facilities from approximately Station 39+50 to the north end of the project will remain active in-place.

For Charter's underground facilities to remain, contact Charter a minimum of 10 working days prior to installing storm sewer at each of the following locations: 40SB+05 LT 38.5', 41SB+83 LT 43', 43SB+99 LT 45', 45SB+62 LT 60', 47SB+73 LT 48', 51SB+89 LT 38', 52SB+66 LT 39' and 54NB+72.

An on-site inspector from Charter must be present any time construction work is conducted within 10 feet of the facility. Where proper vertical clearance of 24" cannot be maintained, install temporary sand bags, or other suitable material to maintain proper clearance to the facility.

The maximum unsupported exposed length of a Charter facility is 5 feet. Support the facility with sand bags or padded skids when required. At no time should the facility be used as a brace to support equipment or sheeting/shoring materials.

Notify Charter a minimum of 72 hours prior to backfill and compaction over Charter facilities. A minimum of 6-inches of fine loose earth or sand with no sharp gravel, rock, hard clods or other debris on all sides of the facility. Place the remaining backfill over the facility in a manner doesn't disturb the previously placed padding material around the facility or causes damage to the facility. Compact the back fill by hand until 18-inches of cover over the facility is achieved.

Contact charter before removing or adjusting any coax or fiber optic facility to verify that the facility has been discontinued. The contractor must not assume that an unmarked facility has been discontinued.

Field contact is Vince Albin, Office: (920) 831-9249, Mobile: (920) 378-0444 vince.albin@charter.com.

City of Green Bay – Water has underground facilities throughout the project area. Water facility work will be completed by March 1, 2019, prior to construction.

The field contact is Brian Powell, (920) 448-3480, brianpo@greenbaywi.gov.

City of Green Bay – Sewer has underground facilities throughout the project area. Sewer work will be completed by January 1, 2019, prior to construction. Sanitary sewer will be discontinued between approximately Station 10+45 to Station 20+00. The contractor will make final grade adjustments to sanitary manholes as a part of the contract.

The field contact is Matt Heckenlaible, (920) 448-3100, matthe@greenbaywi.gov.

Merit Network (communication) has aerial and underground facilities throughout the project area. Merit's aerial facilities are attached to WPS's poles beginning at the south project limits along the east side of Webster Avenue to approximately Station 30+60. Merit's facilities then run underground along the east side of Webster Avenue from approximately Station 30+60 to the end of the project limits to the north.

Merit plans to relocate their aerial facilities in conjunction with WPS's pole relocations and relocate their underground facilities in conjunction with Brown County. Merit plans to relocate their facilities prior to construction in the spring of 2019. Merit expects the relocation work to last up to 10 working days and be complete by April 12, 2019.

The field contact is Nick Andrus, (734) 527-5777, nandrus@merit.edu.

Net Lec (communication) has underground facilities in the north quadrant of the Webster and Radisson Street intersection. No conflicts are anticipated.

The field contact is Rick Vincent, (920) 617-7316, rick.vincent@nsight.com.

US Signal (communication) has overhead facilities on WPS poles from the beginning of the south project limits along the east side of Webster Avenue to approximately Station 15+90. The overhead facilities then continue to the east along the north side of University Avenue.

US Signal plans to relocate their aerial facilities in conjunction with WPS's pole relocations.

The field contact is Chris Wangler, (616) 988-7256, cwangler@ussignal.com.

Wisconsin Independent Network (communication) has underground facilities that begin at the south limits of the project along the east side of Webster Avenue and crosses to the west side at approximately Station 11+00. The line continues to the north to approximately Station 20+05 where it crosses Webster Avenue and continues along the north side of Harvey Street. WIN's facilities cross Webster at approximately Station 47+45 and continue along the west side terrace of Webster to the north project limits.

WINs plans to relocate their facilities crossing Webster at approximately Station 47+60 during construction. WINs expects the relocation work to last up to 5 working days. Contact WINs at least 10 working days prior to the removal of the asphalt near Station 47+60. Work will be as follows:

- Lower the existing facility crossing at approximately Station 47+60 from the east terrace to the existing hand hole in the west terrace. The hand hole will be adjusted by WIN.
- Coordinate adjustment of existing manholes/boxes with WIN. Contact WIN at least two weeks prior to necessary adjustments and allow one working day for adjustments.

WINs existing lines running parallel to Webster. Use caution when excavating near fiber facilities at the following locations: Station 11+00 crossing Webster Avenue, Station 9+40 crossing University Avenue, Station 9+30 crossing Harvey Street, and Station 20+05 crossing Webster Avenue. Contractor is required to hand dig when within 18" of the utility line; contractor must hand dig to expose the utility. Locates and/or potholing will be required prior to auger operations for pole installation.

If conflicts are encountered, WIN will require two weeks' notice for locates and mobilization of construction forces.

The field contact is Ken Whiting, (920) 376-2996, kwhiting@wins.net.

Wisconsin Public Service – Electric has aerial facilities throughout the project area. Relocations will be required.

WPS will remove facilities along the east side of Webster Avenue between approximately Stations 10+92 and 31+25. All relocations and most of the removals will be completed by March 8, 2019. The remainder of the existing pole removals with other communication utility lines attached will be completed once the respective utilities remove their respective lines.

Relocated overhead facilities run along the east side of the multi-use trail along Webster Avenue starting at the beginning of the project and ending at approximately Station 41+25. From approximately Station 41+25 to Station 45+40 electric facility will run underground and then cross to the west Webster Avenue at approximately Station 45+40 to an existing pole. The line will then run aerial on existing facilities to the north.

Overhead facilities will cross Webster Avenue at approximately Stations 16+45, 19+50, 21+60, 23+45, 24+60, 25+50, 27+30, 29+40, 30+75, 32+65, 34+00, 35+10, 36+20, 37+45, 38+60, 39+65. Underground crossings of Webster Avenue at approximately Stations 44+10 and 45+40.

Proposed utility poles will need to be held during construction of the storm sewer at multiple locations. Identify these locations in conjunction with WPS to have their crew hold the poles. Contact WPS at least 48 hours prior to the pole needing to be held at 920-617-5218 between 7 am and 4 pm Monday through Friday.

The field contact is Randy Steier, (920) 617-5167, rdsteier@wisconsinpublicservice.com.

Wisconsin Public Service – Gas has underground gas facilities throughout the project area. Facilities begin at approximately Station 13+40 and run north along the west side of Webster Avenue to approximately Station 16+60 where it crosses Webster Street. The facility then runs east along the north side of University Avenue and north along the east side of Webster Avenue to approximately Station 26+05. The facility then runs along the east side of Webster Avenue from approximately Station 27+90 to Station 31+30 and again from approximately Station 32+30 to Station 44+25. The facility also runs along the west side of Webster Avenue between approximately Station 20+85 to Station 23+45. The gas line has crossings at approximately Stations 19+50, 23+45, 28+00, 35+75 (8" steel main), 36+15 (4" steel high pressure main), 44+25, and 47+55. There are also various gas services to buildings along Webster Avenue.

WPS plans to relocate their facilities beginning prior to construction. Work is anticipated to be complete by April 30, 2019. Work will be as follows:

- New 2" plastic gas main will be installed from approximately Station 16+00 to Station 31+25 and Station 32+25 to 44+10 along the existing west sidewalk.
- New 2" plastic gas main will cross Webster Avenue at approximately Stations 15+95, 19+45, 27+80, 31+20, 32+40, 39+60, and, 43+50.
- New 8" plastic main will be installed near Station 35+70 across Webster Avenue and run along the south side of Reber Street.
- New 4" steel main will be installed near Station 36+25 across Webster Avenue and run along the north side of Reber Street.
- New services to all buildings remaining along Webster Avenue.
- WPS will discontinue existing 2" and 8" plastic as well as 2" and 4" steel gas main throughout the project limits. However, note that new gas facilities may take some of their place. Therefore, the status of the gas main must be verified prior to excavation near the facilities.
- WPS will adjust valve boxes after substantial completion. Contact Dave Czarnecki at O: 920-617-5132 M: 920-421-4746 or Jim Eiden at O:920-617-5231 M:920-676-8068 at least one day in advance of adjustment. It will take approximately one half day to adjust a valve box.

Contractors should take extra caution to avoid unnecessary disturbances to the existing gas facilities. Please call Digger's Hotline (811 or 1-800-242-8511) three business days before you dig to obtain locates and standby. If there is any unusual situation that requires assistance or relocation, please contact the 24-hr Customer Service number, 1-800-450-7260. In the event of a gas emergency (e.g., damage to gas carrying facilities, including nicks, dents, scratches, gas blowing, etc.), please contact the WPS 24-hr Emergency Gas number, 1-800-450-7280.

The field contact is David Czarnecki, (920) 617-5132, david.czarnecki@wisconsinpublicservice.com.

11. Work by Others

The City of Green Bay has a separate contract for the signal replacement at the Webster Avenue and Radisson Street intersection. Work is anticipated to be completed by May 17, 2019. Coordinate traffic control around the intersection with the city.

The City of Green Bay has a separate contract for the reconstruction of Webster Avenue from the south side of the East River bridge to Main Street intersection. Work is anticipated to start in July 2019 and be completed around the end of October 2019. Coordinate traffic control and access with the city. The city contact person is Jennifer McCartney at (920) 660-6413.

City of Green Bay will remove and replace all signing. Coordinate with Jennifer McCartney at (920) 660-6413. Provide a three working day notice before signing needs to be removed or replaced. Permanent signing needs to be installed before finished roadway sections are opened to traffic in Stage 2 and Stage 3.

12. Railroad Insurance and Coordination - Wisconsin Central Ltd (CN).

A Description

Comply with standard spec 107.17 for all work affecting Wisconsin Central Ltd (CN) property and any existing tracks.

A.1 Railroad Insurance Requirements

In addition to standard spec 107.26, provide railroad protective liability insurance coverage as specified in standard spec 107.17.3. Insurance is filed in the name of Wisconsin Central Ltd and Its Parents (CN).

Notify evidence of the required coverage, and duration to Jackie Macewicz, Manager Public Works; 1625 Depot Street, Stevens Point, WI 54481; Telephone (715) 345-2503; E-mail: Jackie.macewicz@cn.ca.

Also send a copy to the following: Jared Kinziger, NE Region Railroad Coordinator; 944 Vanderperren Way, Green Bay, WI 54304; Telephone (920) 492-7713; E-mail: jared.kinziger@dot.wi.gov.

Include the following information on the insurance document:

- Project ID: 4987-02-65
- Project Location: Green Bay, Wisconsin
- Route Name: Webster Avenue, Brown County
- Crossing ID: 281391V
- Railroad Subdivision: Fox River
- Railroad Milepost: 0003.08
- Work Performed: Widen/reconstruct roadway, signing and pavement markings

A.2 Train Operation

Approximately 2 through freight trains operate daily at up to 10 mph.

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

Construction Contact

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

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

Flagging Contact

Submit by US Mail a "Request for Flagging Services and Cable Location" form with prepayment to: Mary Ellen Carmody, CN, 24002 Vreeland Road, Flat Rock, MI 48134; Telephone (734) 783-4533. The form can be obtained at:

<https://www.cn.ca/en/delivering-responsibly/safety/erailsafe/utility-installations>

Requests for flagging and cable locates can take up to five business days after the railroad receives the paperwork. Reference the Wisconsin Milepost and Subdivision located in A.1. Advise Ms. Carmody that the flagging services are to be billed at the rate for a public highway project.

Cable Locate Contact

In addition to contacting Diggers Hotline, follow the procedure listed under Flagging Contact.

Wisconsin Central Ltd (CN) will only locate railroad owned facilities buried in the railroad right-of-way. The railroad does not locate any other utilities.

A.4 Work by Railroad

The railroad will perform the work described in this section, except for work described in other special provisions, and will be accomplished without cost to the contractor. Replace the existing railroad crossing surface and existing railroad signals. In addition, the existing switch adjacent to Webster Avenue will be relocated.

A.5 Temporary Grade Crossing

If a temporary grade crossing is desired, submit a written request to the railroad representative named in A.3 at least 40 days prior to the time needed. Approval is subject to the discretion of the railroad. The department has made no arrangements for a temporary grade crossing.

A.6 Rail Security Awareness and Contractor Orientation

All employees of contractors who work on CN properties are required to have minimum CN Safety and Security Awareness training. This training can be obtained by registering and following the CN link through www.contractororientation.com. This training is good for a period of one year.

- a. Exception: CN has exempted from this training those it classifies as "Delivery Persons". Delivery Persons include contractors such as UPS, FedEx, trucking companies, etc. who merely access the property to supply materials or equipment.

The security awareness and contractor orientation certification must be renewed for projects that will carry over beyond the one year period. Contractor and subcontractor employees shall wear the identification badge issued by www.contractororientation.com when on railroad right-of-way. Costs associated with training and registration are incidental to other items in the contract.

stp-107-026 (20170615)

13. Hauling Restrictions.

Do not haul materials of any kind on any local roads without approval of the local maintaining authority and the department. Any proposals to haul on local roads will be by a written agreement with the respective maintaining authority. Submit the agreement to the department from the maintaining authority prior to hauling. Contact the respective maintaining authority prior to bidding for approval of haul routes.

Use only City of Green Bay designated truck routes for material haul roads within city limits.

14. Preservation of Existing Trees.

Tree preservation is of great importance on the project. Take precautions during construction so as not to disfigure, scar, or impair the health of any tree on private property that is not marked for removal. Do not place, park, or store on the surface of any unpaved areas within the drip lines of trees any equipment, vehicles, or materials. Do not deposit any chemicals, reinstates, or petroleum products within the drip lines of trees. The drip line is defined as the outermost extent of the tree canopy, extended vertically to the ground surface.

Excavations for Sidewalk Removal and Replacement

Do not rip or pull roots out towards the trunk of a tree while excavating for sidewalk. Provide extra care to root masses that grow very close to the sidewalk during excavation. The use of an excavator, backhoe, or loader to cut roots is not acceptable. Immediately cut damaged roots over ½-inch in diameter in back of the damaged section. Make cuts with an ax, lopping shears, chainsaw, stump grinder, or other means that will produce a clean cut. Cover any exposed roots as soon as excavation and installation are complete.

15. Information to Bidders, WPDES General Construction Storm Water Discharge Permit.

The department has obtained coverage through the Wisconsin Department of Natural Resources to discharge storm water associated with land disturbing construction activities of this contract under the Wisconsin Pollutant Discharge Elimination System General Construction Storm Water Discharge Permit (WPDES Permit No. WI-S066796-1). A certificate of permit coverage is available from the regional office by contacting Andy Fulcer at (920) 362-6126 or Andrew.Fulcer@dot.wi.gov. Post the permit in a conspicuous place at the construction site.

stp-107-056 (20180628)

16. Environmental Protection, Historic Property.

The Green Bay Metro Fire Station #2 located at 929 University Ave, is eligible for the National Historic Register. This property is parcel #31 as shown on the plan. The historic boundary extends into the back of the existing sidewalk.

To minimize impacts to the historic boundary, most of the existing sidewalk is to remain. Contain all construction activities within the slope intercepts within this parcel. Do not stockpile materials or drive or park construction vehicles beyond the slope intercepts.

If field adjustments are required for parcel #31 that extend the construction limits coordinate with the project the engineer before beginning any work.

17. Environmental Protection, Dewatering

Add the following to standard spec 107.18:

If dewatering is required, treat the water to remove suspended sediments by filtration, settlement or other appropriate best management practice before discharge. The means and methods proposed to be used during construction shall be submitted for approval as part of the Erosion Control Implementation Plan for dewatering at each location it is required. The submittal shall also include the details of how the intake will be managed to not cause an increase in the background level turbidity before treatment and any additional erosion controls necessary to prevent sediments from reaching the project limits or wetlands and waterways. Guidance on dewatering can be found on the Wisconsin Department of Natural Resources website located in the Storm Water Construction Technical Standards, Dewatering Code #1061, "Dewatering". This document can be found at the WisDNR website:

http://dnr.wi.gov/topic/stormwater/standards/const_standards.html

The cost of all work and materials associated with water treatment and/or dewatering is incidental to the bid items the work is associated.

ner-107-040 (20180212)

18. Environmental Protection, Emerald Ash Borer.

The emerald ash borer (EAB) has resulted in a quarantine of ash trees (*Fraxinus*, sp) by the Wisconsin Department of Agriculture, Trade, and Consumer Protection (DATCP) and the Wisconsin Department of Natural Resources (DNR).

Ash trees include the following species:

Green ash (*F. pennsylvanica*) is found throughout the state, but is most common in southern Wisconsin. It may form pure stands or grow in association with black ash, red maple, swamp white oak, and elm. It grows as an associate in upland hardwood stands, but is most common in and around stream banks, floodplains, and swamps.

Black ash (*F. nigra*) is distributed over the entire state but is most frequently found in northern Wisconsin. It is most common in swamps, but is also found in other wet forest types.

Blue ash (*F. quadrangulata*) is a threatened species that is currently found only at a few sites in Waukesha county. The species is at the edge of its range in Wisconsin, but is common in states farther south. The species is not of commercial importance.

Mountain ash (*Sorbus Americana* and *S. decora*) is not a true ash and is not susceptible to EAB infestation.

Follow and obey the following Wisconsin Department of Agriculture, Trade, and Consumer Protection order:

ATCP 21.17 Emerald ash borer; import controls and quarantine.

IMPORTING OR MOVING REGULATED ITEMS FROM INFESTED AREAS; PROHIBITION. Except as provided in sub. (3), no person may do any of the following:

(a) Import a regulated item under sub. (2) into this state if that item originates from an emerald ash borer regulated area identified in 7CFR 301.53-3.

(b) Move any regulated item under sub. (2) out of an emerald ash borer regulated area that is identified in 7CFR 301.53-3 and located in this state.

Note: The United States Department of Agriculture-Animal and Plant Health Inspection Service (USDA-APHIS) periodically updates the list of regulated areas in 7CFR 301.53-3. Subsection (1) applies to new regulated areas as those areas are identified in the CFR.

REGULATED ITEMS. The following are regulated items for purposes of sub. (1):

the emerald ash borer, *Agilus planipennis* (Fairmaire) in any living stage.

Ash trees.

Ash limbs, branches, and roots.

Ash logs, slabs or untreated lumber with bark attached.

Cut firewood of all non-coniferous species.

Ash chips and ash bark fragments (both composted and uncomposted) larger than one inch in diameter.

Any other item or substance that may be designated as a regulated item if a DATCP pest control official determines that it presents a risk of spreading emerald ash borer and notifies the person in possession of the item or substance that it is subject to the restrictions of the regulations.

Regulatory Considerations

The quarantine means that ash wood products may not be transported out of the quarantined area.

If ash trees are identified within clearing and grubbing limits of the Project, the following measures are required for the disposal:

Chipped ash trees

May be buried on adjacent properties to projects within the quarantined zone with prior approval of the engineer and written approval from the property owner.

May be trucked to a licensed landfill within the quarantined zone with the engineer's approval.

Chips must be disposed of immediately and may not be stockpiled.

Chipper equipment must be cleaned following post-chipping activities to ensure no spread of wood chip debris into non-quarantined counties.

Ash logs, branches, and roots

May be trucked to a licensed landfill within the quarantined zone with the engineer's approval.

Ash logs, branches, and roots must be disposed of immediately and may not stockpiled.

All additional costs will be incidental to clearing and grubbing items.

Anyone moving firewood or ash products from the state or these counties is subject to state and federal fines up to \$1,000.00. All fines are the responsibility of the contractor. Obtain updated quarantine information at the DNR Firewood Information Line at 1-800-303-WOOD.

Updates for compliance

Each year, as a service, the Wisconsin Department of Agriculture, Trade and Consumer Protection distributes an updated federal CFR listing to nursery license holders and other affected persons in this state. More frequent updates, if any, are available on the department's website at www.datcp.state.wi.us. Subsection (1) applies to new regulated areas as those areas are identified in the CFR, regardless of whether affected persons receive update notices from the department. Persons may request update notices by calling (608) 224-4573, by visiting the department's website, or by writing to the following address:

Wisconsin Department of Agriculture, Trade and Consumer Protection
Division of Agricultural Resource Management
P.O. Box 8911
Madison WI 53708-8911

(2) REGULATED ITEMS. More frequent updates, if any, are available on the department's website at www.datcp.state.wi.us. Subsection (1) applies to new regulated areas as those areas are identified in the CFR, regardless of whether affected persons receive update notices from the department. Persons may request update notices by calling (608) 224-4573, by visiting the department's website, or by writing to the above address.

19. Environmental Protection, Dust Control.

Supplement standard spec 107.18 as follows:

Control dust during construction. Use of bid items of "Dust Control Surface Treatment" and "Water" for minimizing dust levels.

In addition, guidance on dust control can be found on the Wisconsin Department of Natural Resources website located in the Storm Water Construction Technical Standards, Dust Control On Construction Sites #1068. This document can be found at the WisDNR website:
http://dnr.wi.gov/topic/stormwater/standards/const_standards.html

Use street sweeping as noted in other sections for paved surfaces.

20. Notice to Contractor, Mail Delivery.

Remove and replace mailboxes in conflict with construction. Replace the mailbox the same day that they are removed. Mail service to properties shall not be interrupted during construction. The cost of this work shall be incidental to excavation common.

21. Notice to Contractor – Monotube Poles.

Due to the lead time required to manufacture monotube poles, it is recommended that these poles be ordered early as possible in the contract to ensure delivery in time for installation later in the project.

Prior to placing any order, review with the City of Green Bay. Contact Jennifer McCartney at (920) 660-6413.

22. Notice to Contractor – Acquired Houses.

The City of Green Bay has contracted out separately the razing of all residential buildings, and any other structures or outbuildings located on parcels 1 through 24 as shown on the plat; the disposal of all materials and debris; the removal and disposal of all site improvement, such as concrete or asphalt sidewalks, driveways, slabs, steps, fences, and the like within the property lines of each parcel; and placing and grading compacted granular backfill in all crawl space area, exposed basement areas, and any other void/openings resulting from the removal process.

23. Notice to Contractor – Crushing Concrete

The crushing of concrete from removals will not be allowed within the project limits. Removed concrete must be hauled off the project limits for disposal.

24. Notice to Contractor – Green Bay Area School District.

Coordinate with the Green Bay Area School District busing coordinator 14 days prior to starting construction and 14 days prior to traffic control changes. It is anticipated that bus stops will be temporarily moved. Coordinator is Jeremy Wildenberg at (920) 448-2164.

25. Notice to Contractor – Garbage and Recycling Pickup.

Coordinate with the City of Green Bay prior to starting construction to determine access to properties for garbage and recyclables pickups. Allow access to properties for collection or provide alternate access. Contact two weeks prior to the start of construction at (920) 448-3535.

26. Notice to Contractor – Street Sweeping.

All street sweeping due to contractors hauling operations is considered incidental to the contract. The contractor is responsible in keeping all public roadways clean and free from dirt and debris at all times. For this work provide a self-contained mechanical or air conveyance street sweeper and dispose the accumulated material.

27. Notice to Contractor – Geotechnical Investigation.

For a copy of geotechnical investigations within the project area contact WisDOT Project Manager Andy Fulcer, (920) 362-6126 or Andrew.Fulcer@dot.wi.gov.

28. Notice to Contractor – Storm Water Drainage.

Maintain storm water drainage throughout the project. Webster Avenue storm sewer controls drainage basins outside of the construction area, at end of the work day temporary storm sewer connections may be necessary between old storm sewer and new storm sewer to maintain drainage depending on means and methods and location of work being completed. Coordinate with the engineer and the City of Green Bay to ensure drainage issues outside the work area are not created.

Install temporary connections in location as noted in plans.

29. Notice to Contractor – Roadway Maintenance.

Maintain a drivable roadway surface the existing roadway for traffic during construction staging when through traffic is maintained. Use the bid items of "Cold Patch" and "Temporary Asphaltic Surface" as necessary as directed by the engineer.

30. Notice to Contractor – Removed Buildings.

During the removal of existing buildings by the City of Green Bay on the east side of Webster Avenue all known basements and foundations for the existing buildings were removed and backfilled. If during construction operations a foundation is encountered, stop work and notify the engineer.

31. Clearing and Grubbing

Supplement standard spec 203.1 with the following:

Tree stumps in the work zone may be removed with stump cutting machinery to a depth of at least one foot below the original ground area in fill areas, and at least one foot below the subgrade in cut areas.

All logs, limbs, brush, roots, stumps, stump chips, and other debris shall be removed from the site and disposed of in a manner and in a place subject to the approval of the engineer.

Tree stump removal must be without damaging adjacent sidewalk, driveways, or pavement that is to remain. Stump cutting machinery must then be utilized.

32. Removing Storm Sewer (Size), Item 204.0245.01 through Item 204.0245.07.

Supplement standard spec 204.3.2.2 with the following:

When removing storm sewer in stages, seal or block off pipe ends, openings in inlet structures and openings in manhole structures as necessary to maintain temporary drainage. All work necessary to maintain temporary drainage will be incidental to the Removing Storm Sewer item.

33. Removing or Abandoning Miscellaneous Structures.

Replace standard spec 204.5.1 (3) with the following.

Granular backfill is incidental to the removing item for the backfilling of the remaining void.

34. Coloring Concrete Custom, Item 405.0200.

This special provision describes coloring concrete Green Bay Red for incorporation full-depth in work constructed under other contract bid items. Conform to standard spec 405 as modified in this special provision.

Replace standard spec 405.2.1.1 with the following:

Air content – 6%

Cement – 564 lbs; Type 1; no additives

Fine Aggregate – 1,475 lbs; SSD

Coarse Aggregate – 1,800 lbs; SSD

Color – #9 Red at 7% of the total cementitious materials from Dynamic Color Solutions or similar

Surface Sealer – Luster Coat, “gloss” appearance

The final color shall match the existing colored pavement on Webster Avenue at Cass Street and is to be approved by the city prior to ordering.

The coloring agent shall be integrated throughout the mix to provide a consistent full-depth color according to the manufacturer's recommendation.

Replace standard spec 405.2.1.2 with the following:

Furnish linseed oil-based liquid curing compound conforming to ASTM C309, type 2, class B.

All concrete shall have applied curing compounds of linseed-oil emulsions for curing and protection of concrete surfaces after surface water sheen has disappeared from the fresh concrete. The curing compounds shall be applied with approved equipment at the rate of 200 square feet per gallon of emulsion or at a rate designated by the engineer. From April 15 to September 30, inclusive, use white-pigmented linseed oil emulsions. At all other times, use non-pigmented (clear) linseed oil emulsions. For concrete placed after September 30, apply linseed oil at a rate of 100 square feet per gallon.

Apply curing compound homogeneously to provide a uniform solid white opaque-coverage on all exposed concrete surfaces, equal to a white sheet of typing paper.

Delete standard spec 405.2.1.1(3).

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

A Description

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

B (Vacant)

C Construction

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

D Measurement

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

E Payment

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

ITEM NUMBER	DESCRIPTION	UNIT
415.5110.S	Concrete Pavement Joint Layout	LS

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

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

stp-415-020 (20170615)

36. Concrete Pavement

Replace standard spec 415.2.4 as follows:

Furnish linseed oil-based liquid curing compound conforming to ASTM C309, type 2, class B.

Replace standard spec 415.3.12 as follows:

All concrete shall have applied curing compounds of linseed-oil emulsions for curing and protection of concrete surfaces after surface water sheen has disappeared from the fresh concrete. The curing compounds shall be applied with approved equipment at the rate of 200 square feet per gallon of emulsion or at a rate designated by the engineer. From April 15th to September 30th, inclusive, use white-pigmented linseed oil emulsions. At all other times, use non-pigmented (clear) linseed oil

emulsions. For concrete placed after September 30th, apply linseed oil at a rate of 100 square feet per gallon.

Apply curing compound homogeneously to provide a uniform solid white opaque-coverage on all exposed concrete surfaces, equal to a white sheet of typing paper.

37. Concrete Pavement Joint Filling

Replace standard spec 415.2.6 as follows:

Furnish joint sealer Crafcro Road Saver 231 or approved equal.

38. Protection of Concrete.

Add to standard spec 415.3.14:

The contractor shall provide for a minimum of one concrete finisher to remain on the project site after final finishing of all concrete surfaces until the concrete has hardened sufficiently to resist surface scarring caused by footprints, handprints, or any other type of imprint, malicious or otherwise. The finisher shall actively and continuously patrol on foot the newly placed concrete and repair any damage to the surface that might be sustained as described above.

The cost for providing the finisher(s), the necessary equipment, and materials is incidental to the contract.
ner-415-015 (20180326)

39. Curb Ramp Detectable Warning Field.

Replace standard spec 602.2 (3) with the following:

Furnish Neenah Foundry warning fields from the departments APL in the color defined in the Curb Ramp Detectable Warning Fields bid items.

40. Riprap Medium.

Delete standard spec 606.2.1 (3).

41. Storm Sewer.

Replace standard spec 608.2.2.2 (1) with the following:

Furnish foundation backfill material conforming to 404.2 of City of Green Bay Standard Specifications & Construction Standards for Public Works Construction, 2019 Edition.

Replace standard spec 608.2.2.3 (1) with the following:

Furnish trench backfill material conforming to 404.2 of City of Green Bay Standard Specifications & Construction Standards for Public Works Construction, 2019 Edition.

Replace standard spec 608.3 as follows:

Construction shall be conforming to the plans, with 404.3 and 415.3 of the City of Green Bay Standard Specifications & Construction Standards for Public Works Construction, 2019 Edition.

Testing shall be conforming to the plans, with 402.3 of the City of Green Bay Standard Specifications & Construction Standards for Public Works Construction, 2019 Edition.

Tracer wire shall be conforming to the plans, with 417.3 of the City of Green Bay Standard Specifications & Construction Standards for Public Works Construction, 2019 Edition.

Surface and Trench Water Control shall be conforming to the plans, with 407.3 of the City of Green Bay Standard Specifications & Construction Standards for Public Works Construction, 2019 Edition.

Replace standard spec 608.5.2 as follows:

Payment is according to 404.4, 415.4 and 417.4 of the City of Green Bay Standard Specifications & Construction Standards for Public Works Construction, 2019 Edition.

Additional excavation including undercut to paid for according to 404.4 of the City of Green Bay Standard Specifications & Construction Standards for Public Works Construction, 2019 Edition.

Surface and Trench Water Control is incidental to the individual bid item.

Testing of storm sewer pipe is incidental to the individual bid item.

Pipe handling holes are permitted only on reinforced concrete storm sewer pipe 21 inches or larger in diameter. One handling hole is permitted on straight lengths of pipe, less than 48 inches in diameter, and two on pipe 48 inches and larger in diameter. After the pipe has been laid, the handling holes shall be promptly plugged with mortar and an approved manufactured plug.

42. Storm Sewer Pipe.

Supplement standard spec 608.3 (4) with the following:

Areas of less than 2 feet minimum cover to subgrade exist. Modify construction operations to protect new pipe before minimum cover is established.

43. Cover Plates Temporary, Item 611.8120.S.

A Description

This special provision describes providing and removing steel plates to cover and support asphaltic pavement and traffic loading at manholes, inlets and similar structures during temporary roadway operations.

B Materials

Provide a 0.25 inch minimum thickness steel plate that extends to the outside edge of the existing masonry.

C (Vacant)

D Measurement

The department will measure Cover Plates Temporary 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
611.8120.S	Cover Plates Temporary	EACH

Payment is full compensation for furnishing, installing, and removing the cover plates.

The steel plates shall become the property of the contractor when no longer needed in the contract work.

44. Pipe Underdrain

Supplement standard spec 612.2. as follows:

Pipe underdrain shall be Polyvinyl Chloride Drainage pipe conforming to AASHTO M278, no other pipe material options will be accepted.

45. Insulation Board Polystyrene, 2-Inch, Item 612.0902.S.01.

A Description

This special provision describes furnishing and placing polystyrene insulation board as the plans show.

B Materials

Provide polystyrene insulation board that conforms to the requirements for Extruded Insulation Board, AASHTO Designation M230 as modified in this special provision.

Delete flammability requirement.

B.1 Certification

Before installation, obtain from the manufacturer a certification indicating compliance and furnish it to the engineer.

C Construction

Place insulation at locations storm sewer crossing water main as noted by section 501.6.3.7 of the City of Green Bay Standard Specifications & Construction Standards for Public Works Construction, 2019 Edition.

D Measurement

The department will measure Insulation Board Polystyrene (size) by area in square yards of work, completed and accepted.

E Payment

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

ITEM NUMBER	DESCRIPTION	UNIT
612.0902.S.01	Insulation Board Polystyrene 2-Inch	SY

Payment is full compensation for all excavation; and for furnishing and placing the insulation board.

46. Sod Water, Item 631.0300.

Replace standard spec 631.3.5(1) with the following:

Under the Sod Water bid item, furnish and apply water to sodded or seeded areas.

Moisten sodded or seeded areas thoroughly after staking and cleanup.

Keep all sodded or seeded areas thoroughly moist by applying a minimum of 1 inch of water per week, minus applicable rainfall, for a minimum of 30 consecutive days. Do not leave un-watered for more than 3 days unless rainfall is sufficient, and the engineer determines it does not require watering. Apply water in a manner to preclude washing or erosion.

47. Sign Box Outs.

Box outs for signs in concrete sidewalk or other paved surfaces are to be installed using 6-Inch diameter PVC pipe so the top of pipe is flush with the adjacent surface. Sign box outs shall be incidental to the respective Concrete Sidewalk or asphalt bid items. Contact City of Green Bay Jennifer McCartney at (920) 660-6413 three working days prior to sidewalk placement (including medians) for location designation of sign box outs.

48. Traffic Control.

Perform this work conforming to standard spec 643, and as the plans show, or as the engineer approves, except as follows.

Submit to engineer for approval a detailed traffic control plan for any changes to the proposed traffic control detail as the plans show. Submit this plan 10 days before the preconstruction conference.

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 the engineer directs.

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:

Do not park or store any vehicle, piece of equipment, or construction materials on the right-of-way without approval of the engineer.

All construction vehicles and equipment entering or leaving live traffic lanes shall yield to through traffic.

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.

ner-643-065 (20171213)

49. Portable Changeable Message Signs - Message Prior Approval.

After coordinating with department construction field staff, notify the Northeast Region Traffic Section at (920) 366-8033 (secondary contact number is (920) 360-3107) 3 business days before 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.

PCMS boards must be deployed 7 days before the closure and staging changes of Webster Avenue and University Avenue.

ner-643-035 (20171213)

50. Temporary Pedestrian Surface Asphalt, Item 644.1410.S.

A Description

This special provision describes providing, maintaining, and removing temporary pedestrian surface.

B Materials

Furnish 1 1/4-inch dense graded aggregate conforming to standard spec 305.2. Furnish:

- Asphaltic surface conforming to standard spec 465.2.
- Pressure treated 2x4 framing lumber, pressure treated 3/4 inch plywood with skid resistant surface coating, and weather resistant deck screws 3 1/2 inch minimum for framing and 1 5/8 inch minimum for plywood.
- 1/4 inch minimum steel plate or commercially available prefabricated plates with skid resistant surface coating conforming to Americans with Disabilities Act Accessibility Guidelines. If placed in the roadway, must be able to handle a vehicle weight of 88,000 lbs.

C Construction

Place, compact, and level a dense graded aggregate foundation before placing the surface.

Provide a firm, stable, and slip-resistant surface layer with vertical joints no higher than 1/4 inch and horizontal joints no wider than 1/2 inch. Sheet materials up to 1 inch thick may be lapped if the edge is beveled at 45 degrees or flatter. Asphalt may also be used to ramp up to materials up to 1 inch thick. Construct conforming to the following:

- Asphalt surface a minimum of 2 inches thick compacted with compactors, tampers, or rollers.
- Framed plywood panels 4 feet wide with a skid resistant surface coating.
- Steel or prefabricated plate with a skid resistant surface coating.

Align parallel to the existing roadway grade or, if outside of a street or highway right-of-way, do not exceed 5 percent longitudinal slope. Provide cross slope of 1 to 2 percent unless the engineer approves a steeper cross slope in writing.

Maintain the surface with a 4-foot minimum clear width and the specified joint and slope requirements. Repair or reconstruct installations disturbed during construction operations. Remove and dispose of as specified in standard spec 203.3.4 when no longer required.

D Measurement

The department will measure temporary pedestrian surface by the square foot, acceptably completed.

E Payment

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

ITEM NUMBER	DESCRIPTION	UNIT
644.1410.S	Temporary Pedestrian Surface Asphalt	SF

Payment is full compensation for providing, maintaining, and removing temporary pedestrian surface.
stp-644-010 (20150630)

51. Temporary Pedestrian Safety Fence, Item 644.1616.S.

A Description

This special provision describes providing, maintaining, and removing the temporary pedestrian safety fence.

B Materials

Furnish notched metal "T" or "U" shaped fence posts weighing 1 1/3 pounds per foot or more.

Furnish select 2x4 dimensional lumber.

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
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

The engineer may allow prefabricated fencing systems conforming to Americans with Disabilities Act Accessibility Guidelines.

C Construction

Provide a continuous safety fence with the top edge free of sharp or rough edges.

Repair or reconstruct installations disturbed during construction operations. Remove and dispose of as specified in standard spec 204.3 when no longer required.

D Measurement

The department will measure Temporary Pedestrian Safety Fence by the linear foot, acceptably completed.

E Payment

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

ITEM NUMBER	DESCRIPTION	UNIT
644.1616.S	Temporary Pedestrian Safety Fence	LF

Payment is full compensation for providing, maintaining, and removing the temporary pedestrian safety fence.

stp-644-025 (20150630)

52. Construction Staking Slope Stakes, Item 650.9920.

Supplement standard spec 650.3.13 with the following:

Provide plan horizontal and vertical locations for the back edge of sidewalk and the multi-use asphalt surface trail at each slope stake location.

53. Traffic Signals and Lighting General.

Staking

Stake the proposed locations of traffic signal and street light items 10 days prior to starting work so that the locations of the proposed facilities can be approved by the City of Green Bay. The city will only approve bases prior to base construction and after utility locates (Diggers Hotline) are marked in the field and clearly visible. Contact Jennifer McCartney (920) 660-6413.

Any field changes regarding the location of the signal poles, light poles, pull boxes, etc. as shown on the plans shall be approved by the City of Green Bay. Signal and lighting items placed at locations not previously approved by the city which need to be relocated will be done so at the contractor's expense.

As-Builts

Provide the City of Green Bay two complete as-built traffic signal plan copies for each intersection showing the complete layout of the traffic signals including all conduit, pull boxes, bases, traffic signals, and cable routing taking into account any changes during construction. The cost of this shall be considered incidental to traffic signal bid items.

Concrete Bases

Verify bolt pattern with pole manufacturer prior to installation of bases. Any changes required to match required bolt pattern to be considered incidental.

Do not place covers or shrouds over the bolts at the bases.

Remove Sonotube/form after construction. The structural design of the bases includes the intent that the Sonotube/form be stripped after construction. If the contractor chooses to not use a form and the poured base gets larger than designed due to poor soils, the additional materials/labor is considered incidental.

Electrical Wiring

All wiring in street light poles shall be THWN insulated.

All splices and taps shall be accomplished with #2-#14 waterproof connectors as manufactured RAYCHEM/TYCO or equal. Waterproof connectors shall have one port for each wire to be spliced. Two or more wires in a single port is not acceptable.

Traffic Signals

The color of all traffic equipment is to be black, including visors and the backs of the signal heads. Poles and standards to be galvanized steel, semi-gloss black finish (dipped).

Signal lenses to be clear.

Signal and Lighting Cabinets

Supplier to do initial field setup of the cabinet and conduct an instructional “how to use” field seminar for city personnel. Contact Jennifer McCartney at (920) 660-6413 to schedule the field seminar.

Ordering Traffic Signal and Lighting Equipment

Prior to placing any orders for traffic signal or lighting equipment, review the equipment list with the City of Green Bay. Contact Jennifer McCartney at (920) 660-6413.

54. Signal Mounting Hardware.

Append standard spec 656.2.3 with the following:

Furnish the following signal mounting hardware: Pelco Astro-Brac AS116-3-36, 3-section bracket, Pelco Astro-Brac AS116-4-36, 4-section and Pelco Astro-Brac AS116-5-36, 5-section bracket, or approved equal.

55. Traffic Signal Face 3-12 Inch Vertical; Traffic Signal Face 4-12 Inch Vertical.

Append standard spec 658.2.2 with the following:

Furnish Eagle brand or equivalent traffic signal faces/modules.

Append standard spec 658.3.2 with the following:

Install the LED modules per manufacturer's instructions into the traffic signal faces.

Field-install the assembled traffic signal faces per contract requirements.

Once the installation is complete, record the signal number, model number, serial number, date of installation and location of the module at the intersection (northbound near right, etc.), and give a copy of this information to the City of Green Bay's electrical department for warranty information.

56. LED Modules Pedestrian Countdown Timer 16 Inch.

Append standard spec 658.2.4 with the following:

Furnish the following: Current, Powered by GE - GTx, Dialight XL15, clear lens, or approved equal LED Pedestrian Signal Modules and Housings and Visors, 16 Inch Countdown.

57. Pedestrian Push Buttons.

Append standard spec 658.2.5 with the following:

Furnish the following Pedestrian Push Buttons: Polara Bulldog BDSP-011, yellow; Polara Bulldog Aluminum Push Button Cup (APBC2-Y, yellow), or approved equal.

Pedestrian push buttons shall have two tone confirmation beeps.

58. Optimized Aggregate Gradation Incentive, Item 715.0710.

Description

This special provision describes optional contractor optimized aggregate gradation, optional optimized mixture designs, and associated additional requirements for class 1 concrete used in concrete pavements. Conform to standard specification part 7 and as follows:

Optimized Aggregate Gradation

A Job Mix Formula (JMF) contains all of the following:

Proportions for each aggregate fraction conforming to table 1.

Individual gradations for each aggregate fraction.

Composite gradation of the combined aggregates including working ranges on each sieve according to table 2.

Submit the target JMF and aggregate production gradation test results to the engineer for review 10 business days before initial concrete placement.

TABLE 1 TARANTULA CURVE GRADATION BAND

SIEVE SIZES	PERCENT RETAINED
2 in.	0
1 1/2 in.	≤5
1 in.	≤16
3/4 in.	≤20
1/2 in.	4-20
3/8 in.	4-20
No. 4	4-20
No. 8 ^[1]	≤12
No. 16 ^[1]	≤12
No. 30 ^{[1] [2]}	4-20
No. 50 ^[2]	4-20
No. 100 ^[2]	≤10
No. 200 ^[2]	≤2.3

^[1] Minimum of 15% retained on the sum of the #8, #16, and #30 sieves.

^[2] Conform to 24-34% retained of fine sand on the #30-200 sieves.

TABLE 2 JMF WORKING RANGE

SIEVE SIZES	WORKING RANGE ^[1] (PERCENT)
2 in.	+/- 5
1 1/2 in.	+/- 5
1 in.	+/- 5
3/4 in.	+/- 5
1/2 in.	+/- 5
3/8 in.	+/- 5
No. 4	+/- 5
No. 8	+/- 4
No. 16	+/- 4
No. 30	+/- 4
No. 50	+/- 3
No. 100	+/- 2
No. 200	≤ 2.3

^[1] Working range limits of composite gradation based on moving average of 4 tests.

Test each component aggregate once per 1,500 cubic yards during concrete production. Take samples by one of the following sampling methods:

1. At the belt leading to the weigh hopper.
2. Working face of the stock piles at the concrete plant if approved by the engineer.

The department will take independent QV samples using the same sampling method the contractor uses for QC sampling. QV samples may be taken by the contractor's QC personnel if witnessed by the department's QV personnel. The department will split each QV sample and retain half for all dispute resolutions. 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.

If, during concrete production, the moving average of four for any sieve fall outside the allowable JMF working range do the following:

1. Notify the engineer of the test results within 1 business day from the time of sampling.
2. Make immediate adjustments to the JMF, within the limits specified in Table 3;
3. Review JMF adjustments with the engineer. Both the contractor and engineer will sign the adjusted JMF if the adjustments comply with Table 3.
4. If the moving average of four falls outside the adjusted allowable working range, stop production and provide a new mix design including JMF to the engineer.

TABLE 3 ALLOWABLE JMF ADJUSTMENTS

SIEVE SIZES	ALLOWABLE ADJUSTMENT (PERCENT)
$\geq$ No. 4	+/- 5
No. 8 – No. 30	+/- 4
No. 50	+/- 3
No. 100	+/- 2

Dispute Resolution

The department will resolve disputes as specified in standard spec 106.3.4.3.5 using QV split samples.

Sublot and Lot Size

A sublot consists of up to 1,500 cubic yards. A lot consists of two sublots.

Optimized Concrete Mixtures

The contractor may use a reduced cementitious content for concrete pavement placed if the contractor does the following:

1. Use an optimized aggregate gradation as defined in this special provision.
2. Conform to the additional testing requirements for flexural strength as specified in the contract special provisions.
3. Submit aggregate gradation result records no more than 2 years old when developing the mix design.
4. Determine the volume of voids in the optimized aggregates using ASTM C29.
5. Download and follow the instructions tab of the Optimized Gradation and Mix Design Spreadsheet located at:
<http://wisconsindot.gov/Pages/doing-bus/eng-consultants/cnslt-rsrcs/qmp/default.aspx>
6. Design an appropriate paste content based upon the Performance-based PCC Mix Design Guide located at:
<http://wisconsindot.gov/Pages/doing-bus/eng-consultants/cnslt-rsrcs/qmp/default.aspx>
7. Provide a minimum V_{paste}/V_{voids} of 1.25. (Paste/Void ratio equals the volume of paste divided by the volume of voids.).
8. Evaluate workability of trial batches by following section 6.8 of AASHTO Draft Performance Engineered Concrete Pavement Mixtures Specifications located at:
<http://wisconsindot.gov/Pages/doing-bus/eng-consultants/cnslt-rsrcs/qmp/default.aspx>
9. Submit trial batch workability results when submitting the mix design.
10. Submit the CP Tech center computer spreadsheet concrete mix design to the engineer for review at least 3 business days before producing concrete.

11. Provide a minimum cement content of 520 pounds per cubic yard, except if using type I, IL, or III 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.
12. The contractor may use class C fly ash or grade 100 or 120 slag as a partial replacement for cement. For binary mixes use up to 30% fly ash or slag. For ternary mixes use up to 30% fly ash plus slag in combination. Replacement values are in percent by weight of the total cementitious material in the mix.
13. See CMM 8-70.2.2.3 for additional guidance.

Measurement

The department will measure Optimized Aggregate Gradation Incentive by the dollar, for each combined averaged lot of QC test results meeting Table 1.

Payment

The department will pay incentive of 3 percent of the contract unit price for concrete pavement under the following bid item:

ITEM NUMBER	DESCRIPTION	UNIT
715.0710	Optimized Aggregate Gradation Incentive	DOL
stp-715-005 (20180628)		

59. Flexural Strength for Concrete Mix Design.

This special provision describes optional testing requirements for flexural strength during the mix design process. Conform to standard spec part 7 as modified in this special provision.

Add the following to standard spec table 701-2:

TEST	TEST STANDARD
Flexural Strength of Concrete	AASHTO T97

Replace standard spec 715.2.3.1(1) with the following:

- (1) Provide both compressive and flexural strength information to demonstrate the strength of the proposed mix design. Use either laboratory strength data for new mixes or field strength data for established mixes as follows:
 1. Use at least 5 pairs of cylinders for compressive strength. Demonstrate that the 28-day compressive strength will equal or exceed the 85 percent within limits criterion specified in 715.5.2.
 2. Use at least 5 pairs of beams for flexural strength. Demonstrate that the 28-day flexural strength will equal or exceed 650 psi.

stp-715-010 (20170615)

60. Temporary Crosswalk Access, Item SPV.0045.01.

A Description

This special provision describes the providing and maintaining accessible crosswalks across the work zone on Webster Avenue.

A crosswalk is defined as an accessible crossing of a single leg of an intersection, including curb ramps.

B Materials

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

Furnish 4-inch diameter polyvinyl chloride drainage pipe conforming to AASHTO M 278.

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

Maintain accessible crosswalks on existing pavement, new pavement, or temporary surface material where the plans show or engineer directs.

C.1 Crosswalk

Install, maintain, relocate (if necessary to accommodate work or operations), and remove temporary surface material at Temporary Crosswalk Access locations as the plans show and as the engineer directs. Level and compact the surface before 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). 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.

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 according to standard spec 465.3.1 or place concrete according 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 the engineer directs.

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

D Measurement

The department will measure Temporary Crosswalk access by the day in service, acceptably completed. The measured quantity will equal the number of calendar days a crosswalk through the work area is open to pedestrian traffic. A crosswalk is defined as an accessible crossing of a single leg of an intersection with existing, temporary, or finished curb ramps meeting ADA requirements. A crossing of a street with an island within the route will be considered a single crosswalk. Each day that the crosswalk is out of service for more than 2 hours will result in 1 day being deducted from the quantity 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 for reconstructing or relaying the temporary surface material.

ner-644-005 (20171213)

61. Manhole Covers Type GB-J, Item SPV.0060.01.

A Description

This special provision describes providing manhole covers as the plans show. Conform to standard spec 611 and as follows.

B Materials

Provide cover conforming to Neenah Foundry R-1500, non-rocking manhole frame.

C Construction

Construct per standard spec 611 and manufacturer's directions.

D Measurement

The department will measure Manhole Covers Type GB-J by each 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.0060.01	Manhole Covers Type GB-J	EACH

Payment is full compensation conforming to standard spec 611.5.4.

**62. Inlet Covers Type GB-H, Item SPV.0060.02;
Inlet Covers Type GB-C, SPV.0060.03;
Inlet Covers Type GB-CSH, SPV.0060.04.**

A Description

This special provision describes providing inlet covers as the plans show. Conform to standard spec 611 and as follows.

B Materials

Provide covers conforming to the following:

Type GB – Neenah Foundry R-3067 with Type R Grate and Enviro-Curb Box and 3-Inch radius curb. See City of Green Bay Standard Specifications & Construction Standards for Public Works Construction, 2019 Edition, Division 4 Detail Drawings "Special Inlet Casting".

Type GB-C – Neenah Foundry R-2100 with Type A Grate

Type GB-CSH – Neenah Foundry R-2464 with Type D Grate

C Construction

Construction shall be conforming to the plans, with standard spec 611.3, and Section 419.3 and 420.3 of the City of Green Bay Standard Specifications & Construction Standards for Public Works Construction, 2019 Edition.

D Measurement

The department will measure Inlet Covers (Type) by each 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.0060.02	Inlet Covers Type GB-H	EACH
SPV.0060.03	Inlet Covers Type GB-C	EACH
SPV.0060.04	Inlet Covers Type GB-CSH	EACH

Payment is full compensation conforming to standard spec 611.5.4.

63. **Inlets GB 2x3-FT, Item SPV.0060.05;**
Inlets GB 2.5-FT, Item SPV.0060.06;
Inlets GB 4-FT, Item SPV.0060.07;
Inlets GB 5-FT, Item SPV.0060.08;
Inlets GB 7-FT, Item SPV.0060.09;
Inlets Type GB 4x6-FT, Item SPV.0060.10;
Manholes GB 4-FT, Item SPV.0060.11;
Manholes GB 5-FT, Item SPV.0060.12;
Manholes GB 6-FT, Item SPV.0060.13;
Manholes GB 7-FT, Item SPV.0060.14;
Manholes GB 8-FT, Item SPV.0060.15.

A Description

This special provision describes providing inlets and manholes as the plans show or as the engineer directs. Conform to standard spec 611 and as follows.

B Materials

Materials shall be conforming to standard spec 611.2 and section 419.3 of City of Green Bay Standard Specifications & Construction Standards for Public Works Construction, 2019 Edition.

Provide adjustment grade rings conforming to section 420.2 and 419.3 of City of Green Bay Standard Specifications & Construction Standards for Public Works Construction, 2019 Edition.

C Construction

Construction shall be conforming to the plans, with standard spec 611.3, and Section 419.3 and 420.3 of the City of Green Bay Standard Specifications & Construction Standards for Public Works Construction, 2019 Edition.

D Measurement

The department will measure Inlets (size) or Manholes (size) as each individual inlet or manhole 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	Inlets GB 2x3-FT	EACH
SPV.0060.06	Inlets GB 2.5-FT	EACH
SPV.0060.07	Inlets GB 4-FT	EACH
SPV.0060.08	Inlets GB 5-FT	EACH
SPV.0060.09	Inlets GB 7-FT	EACH
SPV.0060.10	Inlets GB 4x6-FT	EACH
SPV.0060.11	Manholes GB 4-FT	EACH
SPV.0060.12	Manholes GB 5-FT	EACH
SPV.0060.13	Manholes GB 6-FT	EACH
SPV.0060.14	Manholes GB 7-FT	EACH
SPV.0060.15	Manholes GB 8-FT	EACH

Payment is full compensation according to standard spec 611.5.2.

64. Storm Sewer Tap 24x10-Inch, Item SPV.0060.16;
Storm Sewer Tap 24x12-Inch, Item SPV.0060.17;
Storm Sewer Tap 36x12-Inch, Item SPV.0060.18;
Storm Sewer Tap 42x12-Inch, Item SPV.0060.19;
Storm Sewer Tap 54x12-Inch, Item SPV.0060.20;
Storm Sewer Tap (19x30)x10-Inch, Item SPV.0060.21;
Storm Sewer Tap (19x30)x12-Inch, Item SPV.0060.22;
Storm Sewer Tap (24x38)x12-Inch, Item SPV.0060.23;
Storm Sewer Tap (29x45)x12-Inch, Item SPV.0060.24;
Storm Sewer Tap (34x53)x12-Inch, Item SPV.0060.25;
Storm Sewer Tap Inlet, SPV.0060.36.

A Description

This special provision describes providing storm sewer taps as the plans show or as the engineer directs. Conform to standard spec 608 and 611 and as follows.

B Materials

Materials shall be conforming to standard spec 608.2, 611.2 and section 419.3 Section D. Sewer Connections of City of Green Bay Standard Specifications & Construction Standards for Public Works Construction, 2019 Edition.

C Construction

Construction shall be conforming to the plans, with standard spec 608.3, 611.3, and Section 419.3 Section D. Sewer Connections of the City of Green Bay Standard Specifications & Construction Standards for Public Works Construction, 2019 Edition.

D Measurement

The department will measure Storm Sewer Tap (type) as each individual storm sewer tap, 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.0060.16	Storm Sewer Tap 24x10-Inch	EACH
SPV.0060.17	Storm Sewer Tap 24x12-Inch	EACH
SPV.0060.18	Storm Sewer Tap 36x12-Inch	EACH
SPV.0060.19	Storm Sewer Tap 42x12-Inch	EACH
SPV.0060.20	Storm Sewer Tap 54x12-Inch	EACH
SPV.0060.21	Storm Sewer Tap (19x30)x10-Inch	EACH
SPV.0060.22	Storm Sewer Tap (19x30)x12-Inch	EACH
SPV.0060.23	Storm Sewer Tap (24x38)x12-Inch	EACH
SPV.0060.24	Storm Sewer Tap (29x45)x12-Inch	EACH
SPV.0060.25	Storm Sewer Tap (34x53)x12-Inch	EACH
SPV.0060.33	Storm Sewer Tap Inlet	EACH

Payment is full compensation for providing materials, including masonry, and sewer connections; for any required coring or sawing; for excavating, backfilling, disposing of surplus material, and for cleaning out and restoring the work site.

65. Backflow Preventer 10-Inch, Item SPV.0060.26.

A Description

This special provision describes providing and installing a backflow preventer for storm sewer inlets.

B Materials

Provide series CMUF-SL slip-in CheckMate Ultraflex Valves as manufactured by Tideflex Technologies.

C Construction

According manufactures recommendations.

D Measurement

The department will measure Backflow Preventer 10-Inch 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.0060.26	Backflow Preventer 10-Inch	EACH

Payment is full compensation for providing all required materials and installation of valve.

66. Temporary Storm Sewer Connection, Item SPV.0060.27.

A Description

This special provision describes installing temporary storm sewer connections between existing storm sewer and proposed storm sewer to maintain drainage during staged construction.

B Materials

Furnish new or salvaged materials conforming to standard spec 608.2 or standard spec 520.2.

The size of the pipe used for the Temporary Storm Sewer Connection shall match the diameter of the existing storm sewer pipe.

C Construction

Use construction methods conforming to the plans and with standard spec 608.3.

D Measurement

The department will measure Temporary Storm Sewer Connection as each individual connection, acceptably completed.

E Payment

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

ITEM NUMBER	DESCRIPTION	UNIT
SPV.0060.27	Temporary Storm Sewer Connection	EACH

Payment is full compensation for providing all excavation and backfilling; providing and installing pipe and connections; placement of termination and junction markers; maintaining Temporary Storm Sewer Connection; removing and disposing of Temporary Storm Sewer Connection.

67. Install Inlet Covers, Item SPV.0060.28.

A Description

This special provision describes installing inlet covers provided by the City of Green Bay as the plans show or as the engineer directs.

B Vacant

C Construction

Construction shall be conforming to the plans, with standard spec 611.3, and Section 419.3 and 420.3 of the City of Green Bay Standard Specifications & Construction Standards for Public Works Construction, 2019 Edition.

Inlets installed in 2018 under a separate contract were temporarily cover plated. Remove plates. Plates are the property of the City of Green Bay. Stockpile on site for pickup by City of Green Bay.

Inlet casting will be delivered to the project site by the City of Green Bay.

Coordinate delivery of inlet castings and pickup of plates with Public Works Superintendent Dave Wiesman at (920) 391-3635.

D Measurement

The department will measure Install Inlet Covers as each individual cover, 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.0060.28	Install Inlet Covers	EACH

Payment is full compensation for removing and salvaging the temporary plates; and for installing covers, and other required materials and for installing and adjusting each cover.

**68. Adjusting Sanitary Manhole Covers, Item SPV.0060.29;
Adjusting Storm Sewer Manhole Covers, Item SPV.0060.30;
Adjusting Inlet Covers, SPV.0060.31.**

A Description

This special provision describes adjusting sanitary sewer manhole covers, storm sewer manhole covers, or inlet covers.

B Materials

Materials shall be conforming to standard spec 611.2 and section 419.3 of City of Green Bay Standard Specifications & Construction Standards for Public Works Construction, 2019 Edition.

Provide adjustment grade rings conforming to section 420.2 of City of Green Bay Standard Specifications & Construction Standards for Public Works Construction, 2019 Edition.

C Construction

Construction shall be conforming to plan details for new manholes and inlets. Install required type of adjustment rings per Wisconsin Standard spec 611.3 and Section 419.3 and 420.3 of the City of Green Bay Standard Specifications & Construction Standards for Public Works Construction, 2019 Edition.

D Measurement

The department will measure Adjusting (Type) Cover 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 NUMBER	DESCRIPTION	UNIT
SPV.0060.29	Adjusting Sanitary Sewer Manhole Covers	EACH
SPV.0060.30	Adjusting Storm Sewer Manhole Covers	EACH
SPV.0060.31	Adjusting Inlet Covers	EACH

Payment is full compensation for providing all required materials, exclusive of frames, grates, or lids; and for removing, reinstalling and adjusting the covers, including removing and reinstalling the existing chimney seal.

**69. Adjusting Water Valve Boxes, Item SPV.0060.32;
Adjusting Water Valve Curb Boxes, Item SPV.0060.33.**

A Description

Adjust water valve and water curb boxes to final pavement elevations, as shown in the plans and as hereinafter provided.

B Materials

Utilize existing valve and curb boxes where the required extent of adjustment allows. If additional sections are necessary, coordinate with Green Bay Water Utility and contact Brian Powell at (920) 448-3480 to obtain required materials.

C Construction

Prior to completion of paving operations, adjust the water valve and curb boxes to match the final proposed grade. Excavate and expose the existing water main valve and curb boxes to the depth needed to adjust the valve box to grade, add or remove extension(s) as needed, and backfill with base aggregate material according to the requirements for the adjacent roadway base course construction.

Complete adjustments in such a manner to avoid any damage to the water valve and water curb boxes. Provide the Green Bay Water Utility two working days advance notice prior to adjusting the valve boxes to finished grade.

D Measurement

The department will measure Adjusting Water Valve Boxes and Adjusting Water Valve Curb Boxes as a unit of work for each unit, acceptably adjusted according to the contract.

E Payment

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

ITEM NUMBER	DESCRIPTION	UNIT
SPV.0060.32	Adjusting Water Valve Boxes	EACH
SPV.0060.33	Adjusting Water Valve Curb Boxes	EACH

Payment is full compensation for adjusting each valve and curb box; excavating as necessary to access the valve box; backfilling; repairing any damage done to the valve and curb box during adjustment; and for adding new sections if necessary.

70. Utility Line Opening, Item SPV.0060.34.

A Description

This special provision describes excavating to uncover utilities for the purpose of determining elevation, type, and potential conflicts as shown on the drawings and directed by the engineer and as in this special provision.

B (Vacant)

C Construction

The excavation will be done in such a manner that the utility in question is not damaged and the safety of the workers is not compromised.

The utility line openings will be performed as soon as possible and at least 10 days in advance of proposed construction to allow any conflicts to be resolved with minimal disruption. Where utilities are within 6 feet of each other at a potential conflict location, only one utility line opening will be called for. In these cases, a single utility line opening will be considered full payment to locate multiple utilities. Utility line openings will include a trench up to 10 feet long as measured at the trench bottom and of any depth required to locate the intended utility.

All utility line openings will be approved and coordinated with the engineer. Notify the utility engineers or their agents of this work a minimum of 3 days prior to the work so they can be present when the work is completed.

D Measurement

The department will measure Utility Line Opening as each individual opening, 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.0060.34	Utility Line Opening	EACH

Payment is full compensation for furnishing, hauling and placing of all materials; and for excavation, backfilling and disposing of excess material.

Concrete curb and gutter, and concrete sidewalk removals necessary to facilitate utility line openings will be measured and paid for separately.

Place 6-inches of Base Aggregate Dense 1¼-inch on surface of utility opening. Base Aggregate Dense 1¼-inch will be measured and paid for separately.

71. Rotate Sanitary Manhole Cone, SPV.0060.35.

A Description

This special provision describes rotating the manhole cone as the engineer directs.

B Vacant

C Construction

Rotate existing sanitary manhole cone to be in line with mainline sewer.

Construction shall be conforming to the plans, with standard spec 611.3, and Section 419.3 and 420.3 of the City of Green Bay Standard Specifications & Construction Standards for Public Works Construction, 2019 Edition.

D Measurement

The department will measure Rotate Sanitary Manhole Cone as each individual manhole, 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.0060.35	Rotate Sanitary Manhole Cone	EACH

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

72. Concrete Inlet Bottom Smith Street, SPV.0060.37.

A Description

This special provision describes providing inlet flowline of a previously installed inlet as the plans show or as the engineer directs.

B Materials

Materials shall be conforming to standard spec 611.2 and section 419.3 of City of Green Bay Standard Specifications & Construction Standards for Public Works Construction, 2019 Edition.

C Construction

Construction shall be conforming to the plans, with standard spec 611.3, and Section 419.3 of the City of Green Bay Standard Specifications & Construction Standards for Public Works Construction, 2019 Edition.

D Measurement

The department will measure Concrete Inlet Bottom Smith Street as each individual inlet, 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.0060.37	Concrete Inlet Bottom Smith Street	EACH

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

**73. Pull Boxes Polymer Concrete 17x30x34-Inch, Item SPV.0060.50;
Pull Boxes Polymer Concrete 24x36x36-Inch, Item SPV.0060.51.**

A Description

This special provision describes furnishing and installing pull boxes polymer concrete, according to the applicable provisions of standard spec 653 and as hereinafter provided.

B Materials

Furnish the following pull boxes:

- 17x30x34-Inch Newbasis Model # FCA173034T-00006 with "LIGHTING" cover nameplate
- 24x36x36-Inch Newbasis Model # FCA243636T-00006 with "TRAFFIC" cover nameplate

C Construction

Install the pull boxes polymer concrete according to standard spec 653.3.

D Measurement

The department will measure Pull Boxes Polymer Concrete (size) by each individual box, 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.0060.50	Pull Boxes Polymer Concrete 17x30x34 Inch	EACH
SPV.0060.51	Pull Boxes Polymer Concrete 24x36x36-Inch	EACH

Payment is full compensation for furnishing, hauling and placing of all materials; and for excavation, backfilling and disposing of excess material.

**74. Concrete Bases Type 2 Special, Item SPV.0060.52;
Concrete Bases Type 4 Special, Item SPV.0060.53.**

A Description

This special provision describes This section describes constructing concrete bases as shown on the plans, directed by the engineer, and as hereinafter provided.

B Materials

Furnish materials conforming to 703.2 of City of Green Bay Standard Specifications & Construction Standards for Public Works Construction, 2019 Edition.

C Construction

Construct according to 703.3 of City of Green Bay Standard Specifications & Construction Standards for Public Works Construction, 2019 Edition.

Cure exposed portions of the concrete base as specified in "Concrete Pavement".

D Measurement

The department will measure Concrete Bases (type) as each individual base, 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.0060.52	Concrete Bases Type 2 Special	EACH
SPV.0060.53	Concrete Bases Type 4 Special	EACH

Payment is full compensation according to standard spec 654.5.

**75. Monotube Pole T4 with 40-FT Arm, Item SPV.0060.54;
Monotube Pole T4 with 45-FT Arm, Item SPV.0060.55.**

A Description

This special provision describes furnishing and installing mono-tube poles, arms, and attachments as shown on the plans and according to the applicable provision of standard spec 657.

B Materials

Furnish the following according to the pertinent requirements of standard spec 657.2.2 and as shown on the plan details:

Pole, signal, 30-ft, shall be galvanized with semi-gloss black finish, round tapered steel, min 7-gauge wall thickness, with a 40-ft or 45-ft monotube curved traffic signal arm mounted at 18-ft above base, (the monotube arm shall be suitable for mounting one 4-section and two 3-section signals (see plan detail)), removable metal top cap, 15-ft luminaire/camera arm with a 2-ft rise mounted to butt-plate near top of pole, 20-in bolt circle, include hardware except anchor bolt covers.

C Construction

Conform to the information provided on the plan details, the manufacturer's installation requirements and conform to the pertinent requirements of standard spec 657.3.

D Measurement

The department will measure Monotube Pole T4 with Arm (length) as each individual pole, 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.0060.54	Monotube Pole T4 with 40-FT Arm	EACH
SPV.0060.55	Monotube Pole T4 with 45-FT Arm	EACH

Payment is full compensation for providing poles, arms, and all other attachments including grounding lugs and related mounting hardware; for leveling shims and fittings necessary to complete the work.

76. Traffic Signal Controller, SPV.0060.56.

A Description

This special provision describes furnishing and installing of a traffic signal controller.

B Materials

Furnish Traffic Signal Controller and Cabinet according to the pertinent requirements of standard spec 651, 655, 675, and 677 except as hereinafter described.

Actuated controller shall be Siemens M-60 brand or approved equal.

The vendor must have been an authorized distributor of this brand of traffic control systems for at least 3 years. The vendor must have sufficient personnel and facilities to perform any necessary service within 24 hours

1. Traffic Signal Controller

a. Size, Environmental, and Mounting Requirements

- i. Maximum enclosure dimensions (11"H x 17"W x 9"D).
- ii. Shelf-mount aluminum, steel, or high-impact polycarbonate enclosure.
- iii. Operating temperature range -30F to +165F.

- b. I/O Connections
 - i. One TS2 type SDLC connector.
 - ii. Two 25-pin RS-232 "D" connectors.
 - iii. One 10/100base TX RJ-45 Ethernet port
- c. Power Requirements
 - i. Operating voltage range 89 to 135 VAC.
 - ii. Operating frequency range 57 to 63 Hz.
 - iii. Maximum power consumption 35 watts.
- d. User Interface
 - i. Minimum LCD display size 8 line x 40 character.
 - ii. LCD display contrast control.
 - iii. Backlit LCD display.
 - iv. Weatherproof tactile keypad.
 - v. Numeric, function, and cursor control keys.
 - vi. Complete programming, editing, and status capability.
- e. Standards and Control Features
 - i. Meets or exceeds NEMA TS2-2003 Actuated controller standards.
 - ii. Upgradable to NTCIP functions and able to communicate with existing City of Green Bay traffic signal controllers.
 - iii. Permanent program and data retention in EEPROM memory with no battery.
 - iv. Coordination modes: Permissive, Yield, Permissive Yield, Permissive Omit, Sequential Omit, and Full Actuated.
 - v. 16 Vehicle and pedestrian phases.
 - vi. 4 Timing rings.
 - vii. 16 programmable overlaps.
 - viii. 64 vehicle detector capability.
 - ix. Adaptive maximum routines.
 - x. Adaptive Protected/Permissive routines.
 - xi. Coordination Virtual Split routine.
 - xii. Six Pre-emption routines.
 - xiii. Six Priority routines.
 - xiv. Local Alarm log, 120 events.
 - xv. Communication Fault log, 60 events.
 - xvi. Detector Fault log, 60 events.
 - xvii. System Detector log, 96 events.
 - xviii. MMU Fault log, 10 events.
 - xix. Automatic Permissive Periods.
 - xx. Fixed or Floating force-offs.
 - xxi. Crossing arterial coordination.
 - xxii. Configuration upload and download to PC with included factory software.

- f. Time-Based Control and Coordination
 - i. 250 Total events.
 - ii. 99 Day programs.
 - iii. 10 Week programs.
 - iv. Pattern selection event capability.
 - v. Coordination free event capability.
 - vi. Intersection flash event capability.
 - vii. Intersection dimming event capability.
 - viii. Detector diagnostic parameter event capability.
 - ix. System detector logging event capability.
 - x. Three auxiliary function event capabilities.
 - xi. Eight special function event capabilities.
 - xii. Sixteen traffic function event capability.
- g. Manufacturer's Warranty
 - i. One year parts and labor warranty on all mechanical, electrical, and cable components.
 - ii. Freight costs included for all warranty returns.
- h. Support
 - i. Upload/download software shall be suitable for operation on MS WINDOWS® 7 operating system.
 - ii. Free telephone technical support by factory authorized technicians for hardware installation and maintenance.

C Construction

Construct in general conformance with the relevant provisions of standard spec 651, 655, 675 and 677 except as hereinafter described.

D Measurement

The department will measure Traffic Signal Controller 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.0060.56	Traffic Signal Controller	EACH

Payment is full compensation for furnishing and installing the traffic signal controller, for making all connections and for furnishing all required testing.

77. Controller Cabinet 8-Phase TS-2 Ethernet, SPV.0060.57.

A Description

This special provision describes furnishing and installing of a controller cabinet 8-phase TS-2 Ethernet at the intersection.

B Materials

Furnish Controller Cabinet 8-Phase TS-2 Ethernet according to the pertinent requirements of standard spec 651, 655, 675, and 677 except as hereinafter described.

The manufacturer must have at least five years' experience in the manufacture of video vehicle detection systems for traffic control.

The vendor must have been an authorized distributor of this brand of traffic control systems for at least 3 years. The vendor must have sufficient personnel and facilities to perform any necessary service within 24 hours

B.1 Equipment Hardware Requirements

1. Cabinet Size, Construction, And Mounting Requirements
 - a. Size P cabinet 56"H x 44"W x 27.5"D.
 - b. Standard ground-mount bottom opening.
 - c. Corrosion resistant min. 0.125" thick vinyl-coated aluminum construction.
 - d. Light gray exterior, gloss white interior.
 - e. Intake air vent with filter and exhaust vent. Both with insect screen.
 - f. Three-point latching handle mechanism with double nylon rollers.
 - g. Main door lock tumbler with #2 key.
 - h. Flush switch compartment with hinged door and standard Police lock.
 - i. Side and rear mounting channels.
 - j. Flanged door opening with top drip-edge.
 - k. Stainless steel door handle with padlocking provisions.
 - l. Neoprene door seal gasket.
 - m. Heavy-duty aluminum door hinge with non-removable pin.
 - n. Two aluminum equipment shelves.
 - o. Door hold-open mechanism.
2. Cabinet Interior Equipment
 - a. NEMA TS2-1998 minimum 12 switch load bay(s) fully-populated with load switches having both the input and output indication on the load switch.
 - b. One MMU 12 channel malfunction management unit, NEMA signal connector ports, SDLC port, 10/100 base-TX Ethernet port, EIA RS-232 DB9 Serial communications port, Individual LCD displays for setup and messages and red, yellow, green, walk channel status. Internal fault log, internal 24-hour clock, free MS Windows-based download and configuration software.
 - c. NEMA TS2-1998 Bus Interface Units as required for load bay and detector rack.
 - d. NEMA TS2-1998 power supply with fused and LED indicated +12VDC, +24VDC, 12 VAC, line frequency reference and 24VDC test jack outputs.
 - e. Six NEMA flasher relay sockets fully-populated with relays.
 - f. One NEMA 2-circuit flasher socket with flasher.
 - g. Thermostatically-controlled ventilation fan and 250W cabinet heater.
 - h. Cabinet work light with switch.
 - i. Four pedestrian actuation test switch.
 - j. Duplex GFCI 120VAC service outlet fused at 15A.
 - k. Duplex Non-GFCI 120VAC outlet fused at 15A for internal equipment use.
 - l. Controller timing switch with RUN, NORMAL, and STOP-TIME positions.
 - m. Controller ON/OFF switch.
 - n. Aluminum under-shelf document drawer.
 - o. 50A power panel with load relays, circuit breakers, and neutral and ground terminals and clear acrylic shield.
 - p. Power line filter and plug-in replaceable lightning arrestors and surge protection.

- q. One 16-channel, 8-slot TS2 type vehicle detector rack capable of supporting video processors or inductive loop detectors.
 - r. One managed Ethernet switch with -40C to +85C operating temperature range and galvanized shielded case. Switch to have three single-mode fiber optic SC transceiver ports and six 10/100baseTX Ethernet ports. To include SSH/SSL and SNMPv3, VLAN. Remote monitoring with web-based, Telnet, and CLI interfaces.
 - s. One 200-ft six strand single-mode optical fiber drop cable with pre-terminated six ST connector patch panel on one end.
3. Controller and Equipment I/O Connections
- a. Controller power connector.
 - b. SDLC cables and connectors for controller, MMU, and all BIUs.
 - c. NEMA MMU wiring harness with sufficient channel capacity to accommodate all load bay load switches.
 - d. Detector rack wiring harness.
 - e. Power supply wiring harness.
 - f. Pedestrian button field termination panel.
 - g. Two single-mode 3-ft duplex fiber-optic patch cables with SC connectors on one end and ST connectors on the other end.
 - h. Three shielded 3-ft CAT-5e 10/100 base TX Ethernet patch cables.
4. Police Door Controls
- a. Signal ON/OFF switch.
 - b. NORMAL/FLASH switch.
 - c. Controller AUTO/HAND switch.
 - d. Controller manual pushbutton with 6-ft coiled cord.
5. Components
- a. One year parts and labor warranty on all mechanical, electrical, and cable component repairs and replacements.
6. Technical Support
- a. Free telephone technical support by factory authorized technicians for one year after installation .250 Total events.
7. Documentation
- a. Two printed copies of wiring schematics to include all cabinet and back panel wiring and intersection phasing.
 - b. One digital copy of wiring schematic on CD in AutoCad DWG format.

C Construction

Construct in general conformance with the relevant provisions of standard spec 675.

D Measurement

The department will measure Controller Cabinet 8-Phase TS-2 Ethernet 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.0060.57	Controller Cabinet 8-Phase TS-2 Ethernet	EACH

Payment is full compensation for furnishing and installing the controller cabinet 8-phase TS-2 ethernet, for making all connections and for furnishing all required testing.

78. Traffic Signal Ground Sleeve, SPV.0060.58.

A Description

This special provision describes installing a traffic signal ground sleeve according to the applicable provisions of standard spec 654 and as hereinafter provided.

B Materials

Furnish materials conforming to 703.2 of City of Green Bay Standard Specifications & Construction Standards for Public Works Construction, 2019 Edition.

C Construction

Construct in general conformance with the relevant provisions of standard spec 654 and the manufacturer's directions.

D Measurement

The department will measure Install Traffic Signal Ground Sleeve 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.0060.58	Traffic Signal Ground Sleeve	EACH

Payment is full compensation for furnishing and installing the traffic signal ground sleeve; for excavating, backfilling, and disposing of surplus materials.

79. Pole Type 2, 30-FT, Item SPV.0060.59.

A Description

This special provision describes providing and installing a street light pole as shown in plans and provided below.

B Materials

Streetlight pole, 30-foot, shall be black semi-gloss finish, round tapered galvanized 7-gauge steel or fiberglass composite construction, with a side streetlight arm, see plan detail, include hardware except anchor bolt covers.

C Construction

Conform to the manufacturer's installation requirements and the pertinent requirements of standard spec 657.3.

D Measurement

The department will measure Pole Type 2, 30-FT as each individual pole 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.0060.59	Pole Type 2, 30-FT	EACH

Payment is full compensation for providing all required materials and installation of poles.

80. Luminaire Arm 6 ft, Item SPV.0060.60.

A Description

This special provision describes providing and installing a luminaire arm as shown in plans and provided below.

B Materials

Provide black semi-gloss finish, galvanized 7-gauge steel or fiberglass composite construction, 6-ft luminaire arm with a 2-ft rise mounted for butt-plate near top of pole.

C Construction

Conform to the manufacturer's installation requirements and the pertinent requirements of standard spec 657.3.

D Measurement

The department will measure Luminaire Arm 6 ft as each individual arm, 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.0060.60	Luminaire Arm 6 ft	EACH

Payment is full compensation for providing all required materials and installation of luminaire arm.

81. Luminaire Roadway, Item SPV.0060.61.**A Description**

This special provision describes furnishing and installing roadway lighting according to the applicable provisions of standard spec 659.

B Materials

Furnish the following lighting unit:

Phillips Lumec RoadFocus LED Cobra Head, Part No. RFM-108W48LED4K-G2-R3M.

C Construction

Conform to the manufacturer's installation requirements and the pertinent requirements of standard spec 659.3.

D Measurement

The department will measure Luminaire Roadway 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.0060.61	Luminaire Roadway	EACH

Payment is full compensation according to standard spec 659.5.

82. Electrical Service Meter Breaker Pedestal, Item SPV.0060.62.**A Description**

This special provision describes providing and installing an electrical service meter pedestal as shown in plans and provided below.

B Materials

Meter pedestal, electric utility, 200a, 120/240v, 1-phase, ringless lever-bypass meter socket, 22 kAIC 200A main circuit breaker, two 16 circuit load centers, one 22 kAIC 100a sub-panel feed circuit breaker, 100A 2-pole sub-panel feed contactor, P.E. control receptacle with window and shield, hand-off-auto switch, black powder coated steel 16 x 17 x 48 inch NEMA 3R enclosure, Milbank CP3B52110A22SL1

C Construction

Conform to the manufacturer's installation requirement, Wisconsin Public Service Corporation regulations, and the pertinent requirements of standard spec 651 and 656.

Contact and coordinate the transfer of the electrical service by Wisconsin Public Service. Electrical utility company service energy cost will be billed to and paid for by the City of Green Bay.

Construct base as shown on the plans.

Install the Meter Pedestal as shown on the plans. Coordinate with the electrical utility company for installation of the service lateral.

D Measurement

The department will measure Electrical Service Meter Breaker Pedestal and Street Light Underground Service 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.0060.62	Electrical Service Meter Breaker Pedestal	EACH

Payment is full compensation for providing materials including the meter breaker pedestal, manual bypass meter socket, base, conduit and fittings, circuit breakers, grounding electrodes and connections.

83. Street Light Photo Control 120 V, Item SPV.0060.63.

A Description

This special provision describes providing and installing a street light photo control.

B Materials

Furnish materials conforming to 708.2 of City of Green Bay Standard Specifications & Construction Standards for Public Works Construction, 2019 Edition.

C Construction

According to manufacturer's recommendations.

D Measurement

The department will measure Street Light Photo Control 120 V 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.0060.63	Street Light Photo Control 120 V	EACH

Payment is full compensation for providing all required materials and installation of photo control.

84. Street Sweeping, Item SPV.0075.01.

A Description

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

B (Vacant)

C Construction

Provide a self-contained mechanical or air conveyance street sweeper and dispose of the material collected.

D Measurement

The department will measure Street Sweeping by the hour that the street sweeper is on the project picking up and removing debris from the roadway, 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.0075.01	Street Sweeping	HRS

Payment is full compensation for furnishing street sweeper; sweeping roadway; and for disposing of the material collected.

(NER15-0430)

85. Low Maintenance Seed Mix, Item SPV.0085.01.

A Description

This special provision describes furnishing and sowing low-maintenance seed at the locations the plans show. Conform to standard spec 630 and as follows.

B Materials

Furnish one of the following seed mixes: "No-Mow" seed mix as produced by Prairie Nursery, Westfield, Wisconsin; "Eco-Grass" as produced by Prairie Moon Nursery, Winona, MN; or an approved equal.

C Construction

Prepare the seed bed conforming to standard spec 630.3.2. Sow the seed mix conforming to standard spec 630.3.3. Sow seed at a rate that is conforming to the manufacturer's recommendations.

D Measurement

The department will measure Low Maintenance Seed Mix by the pound in place.

E Payment

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

ITEM NUMBER	DESCRIPTION	UNIT
SPV.0085.01	Low Maintenance Seed Mix	LB

Payment is full compensation for performing the work as described in 630.5 of the standard specification.
ner-630-005 (20171213)

86. Concrete Curb & Gutter 18-Inch Type A Special, Item SPV.0090.01; Concrete Curb and Gutter 24-Inch Type D, Item SPV.0090.02; Concrete Curb & Gutter 18-Inch Type D Special, Item SPV.0090.14.

A Description

This special provision describes the installation Concrete Curb & Gutter as shown on the plans, directed by the engineer, and as provided below.

B Materials

Furnish materials that are according to the requirements of standard spec 601.2.

C Construction

Construct according to the requirements of standard spec 601.3 and as shown on the plans.

D Measurement

The department will measure Concrete Curb and Gutter (type) according to standard spec 601.4.

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	Concrete Curb and Gutter 18-Inch Type A Special	LF
SPV.0090.02	Concrete Curb and Gutter 24-Inch Type D	LF
SPV.0090.14	Concrete Curb and Gutter 18-Inch Type D Special	LF

Payment is full compensation according to standard spec 601.5.

87. Concrete Curb and Gutter Integral HES 30-Inch Type D, Item SPV.0090.03.

A Description

This special provision describes providing concrete curb and gutter HES as shown on the plans, directed by the engineer, and as provided below.

B Materials

Furnish materials conforming to standard spec 601.2.

C Construction

All construction methods shall conform to standard spec 601.3.

Conform to standard spec 415.3.15 for opening to service.

D Measurement

The department will measure Concrete Curb and Gutter Integral HES 30-Inch Type D according to standard spec 601.4.

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	Concrete Curb and Gutter Integral HES 30-Inch Type D	LF

Payment is full compensation according to standard spec 601.5.

88. Storm Sewer Pipe PVC 8-Inch, Item SPV.0090.04; Storm Sewer Pipe PVC 10-Inch, SPV.0090.05; Storm Sewer Pipe Inlet Lead 12-Inch, SPV.0090.06; Storm Sewer Laterals 6-Inch, SPV.0090.07; Storm Sewer Laterals 12-Inch, SPV.0090.08.

A Description

This special provision describes providing storm sewer pipe as shown in plans and provided below.

B Materials

Furnish materials conforming to 404.2, 413, 415.2, 417.2 of City of Green Bay Standard Specifications & Construction Standards for Public Works Construction, 2019 Edition.

Furnish Inlet Leads made from Reinforced Concrete Pipe (RCP) only.

C Construction

Construction shall be conforming to the plans, with 404.3 and 415.3 of the City of Green Bay Standard Specifications & Construction Standards for Public Works Construction, 2019 Edition.

Testing shall be conforming to the plans, with 402.3 of the City of Green Bay Standard Specifications & Construction Standards for Public Works Construction, 2019 Edition.

Tracer wire shall be conforming to the plans, with 417.3 of the City of Green Bay Standard Specifications & Construction Standards for Public Works Construction, 2019 Edition.

Surface and Trench Water Control shall be conforming to the plans, with 407.3 of the City of Green Bay Standard Specifications & Construction Standards for Public Works Construction, 2019 Edition.

Field verify storm lateral size and elevation before installation of lateral.

D Measurement

The department will measure Storm Sewer Pipe (type)(size) by the linear foot, acceptably completed and according to 415.4 of the City of Green Bay Standard Specifications & Construction Standards for Public Works Construction, 2019 Edition.

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	Storm Sewer Pipe PVC 8-Inch	LF
SPV.0090.05	Storm Sewer Pipe PVC 10-Inch	LF
SPV.0090.06	Storm Sewer Pipe Inlet Lead 12-Inch	LF
SPV.0090.07	Storm Sewer Laterals 6-Inch	LF
SPV.0090.08	Storm Sewer Laterals 12-Inch	LF

Payment is according to 404.4, 415.4 and 417.4 of the City of Green Bay Standard Specifications & Construction Standards for Public Works Construction, 2019 Edition.

Additional excavation including undercut of pipe to be paid for according to 404.4 of the City of Green Bay Standard Specifications & Construction Standards for Public Works Construction, 2019 Edition.

Surface and Trench Water Control is incidental to the individual bid item

Testing of storm sewer pipe is incidental to the individual bid item.

89. Mini Storm Sewer 6-Inch, Item SPV.0090.09; Mini Storm Sewer 8-Inch, SPV.0090.10.

A Description

This special provision describes providing mini storm sewer pipe as shown in plans and provided below.

B Materials

Furnish materials conforming to 404.2, 413, 415.2, 417.2, and 421.2 of City of Green Bay Standard Specifications & Construction Standards for Public Works Construction, 2019 Edition.

C Construction

Construction shall be conforming to the plans, with 404.3, 415.3, and 421 of the City of Green Bay Standard Specifications & Construction Standards for Public Works Construction, 2019 Edition.

Testing shall be conforming to the plans, with 402.3 of the City of Green Bay Standard Specifications & Construction Standards for Public Works Construction, 2019 Edition.

Tracer wire shall be conforming to the plans, with 417.3 of the City of Green Bay Standard Specifications & Construction Standards for Public Works Construction, 2019 Edition.

Surface and Trench Water Control shall be conforming to the plans, with 407.3 of the City of Green Bay Standard Specifications & Construction Standards for Public Works Construction, 2019 Edition.

D Measurement

The department will measure Mini Storm Sewer (size) by the foot acceptably completed and according to 415.4 of the City of Green Bay Standard Specifications & Construction Standards for Public Works Construction, 2019 Edition.

E Payment

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

ITEM NUMBER	DESCRIPTION	UNIT
SPV.0090.09	Mini Storm Sewer 6-Inch	LF
SPV.0090.10	Mini Storm Sewer 8-Inch	LF

Payment is according to 404.4, 415.4, 417.4, and 421.4 of the City of Green Bay Standard Specifications & Construction Standards for Public Works Construction, 2019 Edition.

Additional excavation including undercut to paid for according to 404.4 of the City of Green Bay Standard Specifications & Construction Standards for Public Works Construction, 2019 Edition.

Surface and Trench Water Control is incidental to the individual bid item

Testing of storm sewer pipe is incidental to the individual bid item.

90. Temporary Marking Stop Line Paint 24-Inch, Item SPV.0090.11.

A Description

This work includes applying Temporary Marking Stop Line 24-Inch according to plan details, standard spec 646, and as hereinafter provided.

B Materials

Furnish materials for the work that conform to the requirements of standard spec 646.2.

C Construction

Use construction methods that are according to standard spec 646.3.

D Measurement

The department will measure Temporary Marking Stop Line 24-Inch by the linear foot, acceptably completed.

E Payment

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

ITEM NUMBER	DESCRIPTION	UNIT
SPV.0090.11	Temporary Marking Stop Line 24-Inch	LF

Payment is full compensation according to standard spec 646.5.

91. Abandoning Storm Sewer 12-Inch, Item SPV.0090.12; Abandoning Storm Sewer 21-Inch, SPV.0090.13.

A Description

This special provision describes abandoning storm sewer as shown in plans and provided below.

B Materials

Furnish materials conforming to 401.2 of City of Green Bay Standard Specifications & Construction Standards for Public Works Construction, 2019 Edition.

C Construction

Construction shall be conforming to the plans, with 401.3 of the City of Green Bay Standard Specifications & Construction Standards for Public Works Construction, 2019 Edition.

D Measurement

The department will measure Abandoning Storm Sewer (size) by the linear foot, acceptably completed.

E Payment

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

ITEM NUMBER	DESCRIPTION	UNIT
SPV.0090.12	Abandoning Storm Sewer 12-Inch	LF
SPV.0090.13	Abandoning Storm Sewer 21-Inch	LF

Payment is full compensation for furnishing all materials and excavating and backfilling where necessary.

92. Marking Crosswalk Epoxy Transverse Line 12-Inch, Item SPV.0090.15.

A Description

This work includes applying Marking Crosswalk Epoxy Transverse Line 12-Inch according to plan details, standard spec 646, and as hereinafter provided.

B Materials

Furnish materials for the work that conform to the requirements of standard spec 646.2.

C Construction

Use construction methods that are according to standard spec 646.3.

D Measurement

The department will measure Marking Crosswalk Epoxy Transverse Line 12-Inch by the linear foot, acceptably completed.

E Payment

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

ITEM NUMBER	DESCRIPTION	UNIT
SPV.0090.15	Marking Crosswalk Epoxy Transverse Line 12-Inch	LF

Payment is full compensation according to standard spec 646.5.

93. Grading and Shaping Alley Turnaround, Station 17+55, Item SPV.0105.01; Grading and Shaping Alley Turnaround, Station 21+61, Item SPV.0105.02; Grading and Shaping Alley Turnaround, Station 25+61, Item SPV.0105.03; Grading and Shaping Alley Turnaround, Station 29+52, Item SPV.0105.04; Grading and Shaping Alley Turnaround, Station 34+02, Item SPV.0105.05; Grading and Shaping Alley Turnaround, Station 37+92, Item SPV.0105.06; Grading and Shaping Alley Turnaround, Station 45+84, Item SPV.0105.07.

A Description

This special provision describes excavating, filling, grading, shaping, and compacting, as necessary to construct the alley turnaround as the plans show.

B (Vacant)

C Construction

Dispose of all surplus and unsuitable material as specified in standard spec 205.3.12.

D Measurement

The department will measure Grading and Shaping Alley Turnaround (Location) as a single complete lump sum unit of work, acceptably completed.

E Payment

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

ITEM NUMBER	DESCRIPTION	UNIT
SPV.0105.01	Grading and Shaping Alley Turnaround, Station 17+55	LS
SPV.0105.02	Grading and Shaping Alley Turnaround, Station 21+61	LS
SPV.0105.03	Grading and Shaping Alley Turnaround, Station 25+61	LS
SPV.0105.04	Grading and Shaping Alley Turnaround, Station 29+52	LS
SPV.0105.05	Grading and Shaping Alley Turnaround, Station 34+02	LS
SPV.0105.06	Grading and Shaping Alley Turnaround, Station 37+92	LS
SPV.0105.07	Grading and Shaping Alley Turnaround, Station 45+84	LS

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

The base course, surfacing and finishing items will be measured and paid for under other contract bid items.

94. Vehicular Video Detection System 4-Camera (University Avenue and Webster Avenue), Item SPV.0105.08.

A Description

This special provision describes furnishing and installing a vehicular video detection system (VDS) as shown on the plans, and as directed by the engineer in the field. The VDS shall be a four-camera system.

This work shall be performed according to provisions of standard spec 651, 655, 675, and 677 except as hereinafter modified.

The VDS shall be the Iteris Vantage Next or an approved equal.

The vendor must have been an authorized distributor of this brand of video vehicle detection systems for at least 3 years. The vendor must have sufficient personnel and facilities to perform any necessary service within 24 hours.

B Materials

This specification sets forth the minimum requirements for a system that detects vehicles on a roadway using only video images of vehicle traffic.

B.1 System Requirements

B1.1 Vision Processor and BIU Interface Module

A. Size and Mounting Requirements

- a. Suitable for TS2 vehicle detector rack mounting.
- b. All camera input vision processor modules combined shall occupy not more than two vehicle detector rack slots.
- c. BIU Interface module shall replace standard BIU module in standard vehicle detection rack.
- d. If all video detection modules combined occupy more than two vehicle detector rack slots, a separate mounting rack and BIU module shall be provided.

B. Functions

- a. NEMA TS-2 compliant.
- b. 16 detector zones per camera (minimum).
- c. 4 camera inputs (minimum).
- d. Detector zones can be AND'd or OR'd to provide phase inputs.
- e. Detector zones shall hold presence call while a vehicle remains in the zone.
- f. 3 stored detector zones per camera.

- g. Controller phase condition monitoring through the controller communications interface.
 - h. BIU Interface module shall function properly with a combination of vision processor(s) and magnetic loop detection modules within the same rack.
 - i. Failsafe modes for video loss, low contrast and equipment failure.
- C. I/O Connections and Indications
- a. 4 NTSC camera inputs with status LEDs on processor.
 - b. 4 LEDs indicating detection state on processor.
 - c. 1 NTSC video output suitable for a monitor or VCR or DVR recording on processor.
 - d. 1 mouse connector and mouse, trackball or integral pointing device on processor.
 - e. RS232 or USB communication port for connection to personal computer on processor.
 - f. 4 open-collector outputs on card rack connector of processor module.
 - g. 4 inputs on card rack connector of processor module.
 - h. 1 BIU interface module data port on processor.
 - i. 16 LED call status indicators on BIU interface module.
 - j. 1 DB15 SDLC connector on BIU interface module.
 - k. 1 Standard TS-2 backplane connector on BIU interface module.
 - l. 4 Processor module data ports on BIU interface module.
- D. Environment
- a. Operating temperature range –34C to +74C minimum.
 - b. Operating humidity 0% to 95% non-condensing.
 - c. Ability to withstand vibration to 0.5G, 3 axes, 5-30Hz.
 - d. Ability to withstand shock to 10G in all 3 axes.
 - e. 24V DC @ 300mA max for processor.
 - f. 24V DC @ 200mA max for BIU interface module.

B.1.2 Ethernet Communications Module

- A. Size and Mounting Requirements
- a. Suitable for TS2 vehicle detector rack mounting.
 - b. Communication module shall occupy not more than 2 vehicle detector rack slots.
- B. Functions
- a. NEMA TS-2 compliant.
 - b. Capable of supporting up to 4 processor modules.
 - c. Accommodates up to 4 video source inputs.
 - d. Scalable 32 kbps to 7Mbps MPEG4/H.264 compression format.
 - e. Ability to stream 4 Camera views simultaneously through 1 IP connection.
 - f. Scalable 32 kbps to 7Mbps data transfer rate.
 - g. Variable 5 to 30 fps video frame rates.
- C. I/O Connections and Indications
- a. 4 Video-In LED status indicators.
 - b. Online status LED.
 - c. 1 NTSC video output suitable for a monitor or VCR or DVR recording on processor.

- d. 1 RS232 local access port
- e. USB mouse port.
- f. 4 processor/extension module input connectors.
- g. 1 RJ45 10/100 Base-T Ethernet connector.

D. Environment

- a. Operating temperature range –34C to +74C minimum.
- b. Operating humidity 0% to 95% non-condensing.
- c. Ability to withstand vibration to 0.5G, 3 axes, 5-30Hz.
- d. Ability to withstand shock to 10G in all 3 axes.
- e. 24V DC @ 300mA max.

B.1.3 Camera

A. Resolution

- a. 470 TVL minimum.
- b. 768 x 494 pixels.

B. Sensitivity

- a. Minimum 80% video produced at 0.1 Lux scene luminance
- b. 50dB minimum signal to noise ratio.

C. Lens

- a. Focal length and focus adjustable through connector at rear of housing
- b. Field of view adjustable between 5.4 deg to 50.7 degrees
- c. Adjustable or Auto focus.
- d. Electronic shutter and auto-iris.
- e. 10X zoom minimum
- f. Full motion 30 frame per second NTSC minimum.

D. Housing

- a. Fully enclosed, sealed to NEMA-4 and IP67 specification.
- b. 120V AC power supply.
- c. Mounting bracket suitable for 2" to 4" diameter arm or pole.
- d. Mounting bracket adjustable on both horizontal and vertical axis.
- e. Integrated adjustable sunshield with drip guard.
- f. Internal lens cover heater with proportional power control.
- g. Maximum dimensions with sunshield 25"L x 5"H
- h. Maximum weight of 10 lbs. (includes camera, lens, housing, sun shield, and base plate).

E. Environmental Ratings

- a. 34C to +60C
- b. Up to 100% Humidity
- c. Vibration-0.5G, 3 axes, 5-30 Hz

B.1.4 Video Monitor

- A. Specifications
 - a. Minimum 12" diagonal LCD or CRT viewing screen
 - b. 120VAC powered
 - c. 470 TVL minimum.
 - d. 768 x 494 pixels minimum.
- B. Environmental
 - a. - 34C to +60C
 - b. Up to 100% Humidity
 - c. Vibration-0.5G, 3 axes, 5-30 Hz

B.1.5 Download/Upload and Configuration Storage Software Components

- A. Operating System Compatibility
 - a. MS Windows XP SP3 compatible
- B. Configuration
 - a. Configuration storage per camera, per intersection
 - b. Configuration upload and download to vision processor
 - c. Upload/Download interface RS232C or USB
 - d. Online or offline configuration editing and review
 - e. Configuration storage of camera image with detector zones

B.1.6 Cables, Connectors, and Protection

- A. Compatibility
 - a. Factory tested and approved for compatibility with system components
 - b. Suitable for installation in underground conduits with 120VAC signal conductors
 - c. Connectors and cables provided for all video, power, and data connections.
 - d. Minimum 1,000 feet camera signal and power cables suitable for installation in underground conduits with unshielded traffic signal cables.
 - e. Grounded surge/lightning protectors for all camera signal cables.
 - f. Video signal splitters for processor and communication modules.

C Manufacturer's Warranty

- A. COMPONENTS
- B. Two year parts and labor warranty on all mechanical, electrical, and cable component repairs and replacements
- C. SOFTWARE AND FIRMWARE
- D. All-inclusive, no-charge warranty on software and firmware enhancements and upgrades for three years
- E. TECHNICAL SUPPORT
- F. Free telephone technical support by factory authorized technicians for one year after installation.

D Materials

The department will measure Vehicular Video Detection System 4-Camera (University Avenue and Webster Avenue) completed according to the contract and accepted as a single lump sum unit of work.

E Payment

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

ITEM NUMBER	DESCRIPTION	UNIT
SPV.0105.08	Vehicular Video Detection System 4-Camera (University Ave and Webster Ave)	LS

Payment is full compensation for furnishing and installing all cable and material associated with the vehicular video detection system.

95. Emergency Vehicle Preemption System (Webster Avenue and University Avenue), Item SPV.0105.09.

A Description

This special provision describes furnishing and installing a traffic signal preemption system for traffic signal equipment according to the requirements of the plans, specifications and contract for the intersection of University Avenue and Webster Avenue.

B Materials

Traffic signal preemption system, GTT OPTICOM GPS SYSTEM for TS2 traffic signal control cabinet, to include:

- MODEL 760 card rack
- MODEL 764 discriminator module
- MODEL 3100 GPS receiver
- 950-foot cable

The traffic signal preemption system shall include all other components necessary for a complete and operable system, no substitutes.

C Construction

Emergency vehicle preemption intersection equipment shall be mounted on the monotube arms as shown on the plans.

The traffic signal arms and poles shall be drilled and tapped to accommodate the mounting of the EVP equipment as shown in the Plans.

In the event, at installation, a noticeable obstruction is present in line with the EVP equipment, advise the engineer before installation.

Unless otherwise directed by the engineer, the detector shield tube shall be installed with the drain hole at the bottom.

There shall be NO splices in the GPS installation cable from the equipment assembly to the controller terminations.

The EVP GPS installation cables shall be routed to the controller. Each lead shall be appropriately marked as to which street or avenue it is associated.

The EVP as specified and shown in the Plans shall be complete in place, tested, and in full operation.

D Materials

The department will measure Emergency Vehicle Preemption System (Webster Avenue and University Avenue), completed according to the contract and accepted as a single lump sum unit of work.

E Payment

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

ITEM NUMBER	DESCRIPTION	UNIT
SPV.0105.09	Emergency Vehicle Preemption System (Webster Avenue and University Avenue)	LS

Payment is full compensation for furnishing and installing all cable and material associated with the emergency vehicle preemption system.

96. Remove Traffic Signals (University Ave and Webster Ave), Item SPV.0105.10.

A Description

This special provision describes removing existing traffic signals, loop detector wire and lead-in cable at the intersection of University Ave and Webster Ave and salvaging the removed traffic signals back to the City of Green Bay according to the pertinent provisions of standard spec 204 and as hereinafter provided. Specific removal items are noted in the removal plans.

B (Vacant)

C Construction

Arrange for the de-energizing of the traffic signals with the local electrical utility after receiving approval from the engineer that the existing traffic signals can be removed.

Notify Contact Jennifer McCartney at (920) 660-6413 at least five working days prior to the removal of the traffic signals. Complete the removal work as soon as possible following shut down of this equipment.

The department assumes that the equipment is in good condition and in working order prior to the contractor's removal operation. Prior to removal, inspect and provide a list of any damaged or non-working traffic signal equipment to the engineer. Any equipment not identified as damaged or not working, prior to removal, will be replaced by the contractor at no cost to the department.

Remove the pole per plan from its concrete footing and disassemble out of traffic. Remove the transformer base from the pole. Remove the signal heads, luminaires, wiring/cabling, and traffic signal mounting devices from the pole. Ensure that all access hand hole doors and all associated hardware remain intact.

All abandoned/buried items encountered while excavating shall be removed and considered incidental to the removal bid items.

All traffic signal equipment and materials, underground signal cable, internal wires and street lighting cable noted on the plans to be removed shall stockpiled for retrieval by the City of Green Bay.

D Measurement

The department will measure Remove and Salvage Traffic Signals (University Ave and Webster Ave), completed according to the contract and accepted as a single lump sum unit of work.

E Payment

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

ITEM NUMBER	DESCRIPTION	UNIT
SPV.0105.10	Remove and Salvage Traffic Signals (University Ave and Webster Ave)	LS

Payment is full compensation for removing, disassembling traffic signals, scrapping of some materials, disposing of scrap material, and incidentals necessary to complete the contract work. Payment also includes the cost of stockpiling the removed traffic signals for the City of Green Bay pick up.

97. Storm Sewer Manhole #3 Cast in Place Concrete, Item SPV.0105.11.

A Description

This special provision describes the patching of storm manhole 48-Inch opening to the west with cast in place concrete.

B Materials

Furnish materials conforming to standard spec 501.2 and 505.2.

C Construction

Do not use brick and mortar for patching the existing 48-Inch hole for the west invert around the proposed 12-Inch pipe. Cast in place concrete will be required. Place #4 rebar at 12-Inch C-C grid in open area. Drill a minimum of 3-inch deep holes into the existing manhole to anchor the reinforcement.

Use construction methods conforming with standard spec 501.3 and 505.3.

D Measurement

The department will measure Storm Sewer Manhole #3 Cast in Place Concrete, completed according to the contract, and accepted as a single lump sum unit of work.

E Payment

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

ITEM NUMBER	DESCRIPTION	UNIT
SPV.0105.11	Storm Sewer Manhole #3 Cast in Place Concrete	LS

Payment is full compensation for excavating; materials, including reinforcement and concrete; forms; placing, including reinforcement; finishing, curing, protecting and heating.

98. Concrete Sidewalk 8-Inch, Item SPV.0165.01.

A Description

This special provision describes concrete sidewalk as shown on the plans, directed by the engineer, and as provided below.

B Materials

Furnish materials that are according to the requirements of standard spec 602.2.

C Construction

Construct according to the requirements of standard spec 602.3 and 604.3 of the City of Green Bay Standard Specifications & Construction Standards for Public Works Construction, 2019 Edition and as shown on the plans.

D Measurement

The department will measure Concrete Sidewalk 8-Inch in area by the square foot, acceptably completed.

E Payment

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

ITEM NUMBER	DESCRIPTION	UNIT
SPV.0165.01	Concrete Sidewalk 8-Inch	SF

Payment is full compensation according to standard spec 602.5.

99. Test Rolling, Item SPV.0170.01.

A Description

This special provision describes testing the stability of the finished earth subgrade by rolling with a tri-axle dump truck, restoring all soft or yielding areas evidenced by the test rolling, and retesting as determined by the engineer.

B Equipment

Fully load a tri-axle dump truck to within 3 tons of the vehicle legal load limit and provide a minimum gross vehicle weight of 30 tons. Uniformly inflate all tires to the pressure recommended by the manufacturer for the applicable wheel load.

C Construction

Completely compact and shape the subgrade to approximate grade and cross-section; but not yet staked for blue top grades for areas to be tested. Test roll at normal walking speed under the direction of the engineer or his representative.

Roll the earth subgrade at a width equal to the finished base course width. Make multiple passes throughout the length of the subgrade test area. Center each pass on a proposed lane or applicable shoulder. When the shoulder width is less than 8 feet, the engineer will determine the number and

location of passes required such that any wheel track will be within 3 to 4 feet of the previous adjacent wheel track.

Repair and consolidate any soft or yielding areas or depressions evidenced under the action of the test rolling to withstand retesting. Excavate and replace any unstable material from the roadbed with selected materials. Correct any yielding subgrade areas discovered during the test rolling operations prior to concrete pavement or subgrade staking and finish grading operations. Perform corrective work according to the standard specifications.

D Measurement

The department will measure Test Rolling by the station along the roadway centerline or reference line, acceptably completed. The department will measure two or more separate roadways by the station along each separate roadway as designated on the plans.

E Payment

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

ITEM NUMBER	DESCRIPTION	UNIT
SPV.0170.01	Test Rolling	STA

Payment is full compensation for performing the Test Rolling; for any preparation of the subgrade, including the furnishing and incorporation of water, if required; for retesting as determined by the engineer; and for restoring the subgrade.

(NER11-0127)

100. Cold Patch, Item SPV.0195.01.

A Description

This special provision describes furnishing, stockpiling, placing, and maintaining cold patch material. Use the cold patch material for short term maintenance purposes to fill potholes/voids in the existing pavement surface that the engineer deems necessary.

B Materials

B.1 General

Furnish cold patch that is a combination of course aggregate, natural sand and bituminous material MC-250. Design the mixture to have: a workability range of 15-100° F without the addition of heat, good adhesion to wet surfaces, and resistance to damage by water, salt and deicing products. Design a uniform mixture that does not require any mixing or special handling prior to use.

B.2 Gradations

Conform to the following gradation requirements:

SIEVE SIZE	PERCENT PASSING (by weight)
1/2 Inch (12.5mm)	
3/8 Inch (9.5mm)	90 - 100
No. 4 (4.75 mm)	90 Max
No. 8 (2.38mm)	20 - 65
No. 200 (.074mm)	2 - 10
Bitumen	4.8 - 5.4

B.3 Contracts With Less Than 10 Tons of Mixture

The engineer may waive QC testing on contracts with less than 10 tons of mixture. If testing is waived, acceptance will be by visual inspection unless defined otherwise by contract change order.

B.4 Temporary Pavements

The engineer may waive all testing for temporary cold patch, defined for this purpose as cold patch that will be placed and removed before contract completion.

C Construction

Choose a smooth, firm, and well-drained area for an on-site stockpile that is cleared of vegetation and foreign material that may contaminate the cold patch. Make the stockpile easily accessible, maintainable and replenishable at any time during the project. The stockpile is not to exceed 10 tons on site at any given time unless approved by the engineer. Remove and dispose of any unused portions of the stockpile at the completion of the project unless otherwise directed by the engineer.

Application of the cold patch must be able to be accomplished by hand labor. Remove all ponded water and loose debris prior to filling any potholes/voids. Place material into the pothole/void and compact flush with a tamper, roller, or vehicle tire. Traffic must be able to travel over the patch immediately after installation.

D Measurement

The department will measure Cold Patch by the ton stockpiled on site, 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.0195.01	Cold Patch	TON

Payment for cold patch is full compensation for the patch; preparing the pothole/void for material furnishing and providing a stockpile of material, compacting, and maintaining.

Remove and dispose of any unused portions of the stockpile at the completion of the project at no additional cost.

101. 1.5-Inch Stone Cradle Storm Sewer, Item SPV.0195.02; 3-Inch Stone Cradle Storm Sewer, Item SPV.0195.03; Sewer Stabilization Aggregate, SPV.0195.04.

A Description

This special provision describes providing storm sewer pipe stabilization as shown in plans, directed by the engineer, and provided below.

B Materials

Furnish materials conforming to 403.2 and 403.3 of City of Green Bay Standard Specifications & Construction Standards for Public Works Construction, 2019 Edition.

C Construction

Construction shall be conforming to the plans, with 404.3 and Division 4 Detail Drawing "Crushed Stone Cradle with Unstable Subgrade" of the City of Green Bay Standard Specifications & Construction Standards for Public Works Construction, 2019 Edition.

D Measurement

The department will measure (size) Stone Cradle Storm Sewer and Sewer Stabilization Aggregate by the ton, 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.0195.02	1.5-Inch Stone Cradle Storm Sewer	LF
SPV.0195.03	1.5-Inch Stone Cradle Storm Sewer	LF
SPV.0195.04	Sewer Stabilization Aggregate	LF

Payment is according to 404.4 of the City of Green Bay Standard Specifications & Construction Standards for Public Works Construction, 2019 Edition.

**ADDITIONAL SPECIAL PROVISION 1 (ASP 1)
FOR TRANSPORTATION ALLIANCE FOR NEW SOLUTIONS (TrANS)
PROGRAM EMPLOYMENT PLACEMENTS AND APPRENTICESHIPS**

The Safe, Accountable, Flexible, Efficient Transportation Equity Act: A Legacy for Users (SAFETEA-LU), Section 5204(e) – Surface Transportation Workforce Development Training and Education, provides for 100 percent Federal funding if the core program funds are used for training, education, or workforce development purposes, including “pipeline” activities. The core programs includes: Congestion Mitigation and Air Quality Improvement (CMAQ) Program, Highway Bridge Program (HBP), Interstate Maintenance (IM), National Highway System (NHS), and Surface Transportation Program (STP). These workforce development activities cover surface transportation workers, including OJT/SS programs for women and minorities as authorized in 23 U.S.C. §140(b).

TrANS is an employment program originally established in 1995 in Southeastern Wisconsin. Currently TrANS has expanded to include TrANS program locations to serve contractors in Southeast (Milwaukee and surrounding counties), Southcentral (Dane County and surrounding counties including Rock County), and most Northeastern Wisconsin counties from locations in Keshena, Rhinelander and surrounding far Northern areas. TrANS attempts to meet contractor’s needs in other geographic locations as possible. It is an industry driven plan of services to address the outreach, preparation, placement and retention of women, minorities and non-minorities as laborers and apprentices in the highway skilled trades. These candidate preparation and contractor coordination services are provided by community based organizations. For a list of the TrANS Coordinators contact the Disadvantaged Business Enterprise Office at (414) 438-4583 in Milwaukee or (608) 266-6961 in Madison. These services are provided to you at no cost.

I. BASIC CONCEPTS

Training reimbursements to employing contractors for new placements, rehires or promotions to apprentice of TrANS Program graduates will be made as follows:

- 1) **On-the-Job Training, Item ASP.1T0G, ASP 1 Graduate.** At the rate of \$5.00 per hour on federal aid projects when TrANS graduates are initially hired, or seasonally rehired, as unskilled laborers or the equivalent.

Eligibility and Duration: To the employing contractor, for up to 2000 hours from the point of initial hire as a TrANS program placement.

Contract Goal: To maintain the intent of the Equal Employment Opportunity program, it is a goal that 6 (number) TrANS Graduate(s) be utilized on this contract.

- 2) **On-the-Job Training, Item ASP.1T0A, ASP 1 Apprentice.** At the rate of \$5.00 per hour on federal aid projects at the point when an employee who came out of the TrANS Program is subsequently entered into an apprenticeship contract in an underutilized skilled trade (this will include the Skilled Laborer Apprenticeship when that standard is implemented).

Eligibility and Duration: To the employing contractor, for the length of time the TrANS graduate is in apprentice status.

Contract Goal: To maintain the intent of the Equal Employment Opportunity program, it is a goal that 3 (number) TrANS Apprentice(s) be utilized on this contract.

- 3) The maximum duration of reimbursement is two years as a TrANS graduate plus time in apprentice status.
- 4) If a TrANS program is not available in the contractor's area and another training program is utilized, payment of On-the-Job Training hours may be approved by the Wisconsin Department of Transportation (WisDOT) if the training program meets the established acceptance criteria. Only On-the-Job Training Hours accumulated after WisDOT approval will be reimbursed as specified under Items ASP.1T0G and ASP.1T0A. For more information, contact the Disadvantaged Business Enterprise Office at the phone numbers listed above.
- 5) WisDOT reserves the right to deny payments under items ASP.1T0G and ASP.1T0A if the contractor either fails to provide training or there is evidence of a lack of good faith in meeting the requirements of this training special provision.

I. RATIONALE AND SPECIAL NOTE

The \$5.00 per hour now being paid for TrANS placements is intended to cover the duration of two years to allow for reaching entry-level laborer status. An additional incentive, the \$5.00 rate, would promote movement into the underutilized skilled trades' apprenticeships and applies until the individual completes their apprenticeship. These incentives benefit TrANS candidates by giving them a better opportunity to enter a skilled trade; benefits contractors who will be assisted in meeting their EEO profiles and goals; and benefits the public who will see the program reinforce larger public-private employment reform in Wisconsin. The pool of TrANS graduates was created for the purpose of addressing underutilization in the skilled trades, an objective that is further reinforced by a parallel retention pilot program, known as the Companywide Reporting. *Whether or not reimbursement is involved, the WisDOT reassures contractors who are in the Companywide Program that TrANS placements still contribute toward fulfilling the new hire goal of 50% women and minorities.* Based on data administered by United States Department of Labor (US DOL), the highway skilled trades remain underutilized for women statewide (less than 6.9%); and for minorities in all counties (% varies by county).

NOTE: *Unless using other advancement strategies, contractors are encouraged to use some or all of this monetary incentive to offset the cut in hourly wages an individual may incur when entering an apprenticeship if the full general laborer hourly rate has been previously paid. No special accounting measures are required.*

II. IMPLEMENTATION

The implementation of ASP 1 is intended to cover only the amount of time it takes for underutilization to be resolved across the trades. This will be measured annually at the county and/or state levels using data administered by WisDWD in relation to goals set by the USDOL-

OFCCP. With appropriate state and federal approvals, we may also do some measurement at the company level.

It is the contractor's responsibility to note on their Certified Payrolls if their employee is a TrANS graduate or a TrANS apprentice. The District EEO Coordinators utilize the information on the Certified Payrolls to track the hours accumulated by TrANS Graduates and TrANS apprentices on WisDOT contracts. Payment under this ASP 1 is made based on the hours recorded off of the Certified Payrolls. Tracking may eventually include improved linkages with the WisDWD apprentice database, information from company and committee level sources.

TrANS is nondiscriminatory by regulation, and is a tool for optional use by contractors to address the underutilization of women and minorities as laborers and apprentices in our industry's skilled trades.

IV. TRANS TRAINING

As part of the contractor's equal employment opportunity affirmative action program, training shall be provided to employees enrolled in apprenticeship and on-the-job training programs as follows:

The contractor shall provide on-the-job training aimed at developing full journey workers in the type of trade or job classifications involved. In the event the contractor subcontracts a portion of the contract work, the contractor shall determine how many, if any, of the trainees are to be trained by the subcontractor provided, however, that the contractor shall retain the primary responsibility for meeting the training requirements imposed by this special provision. The contractor shall also insure that this training special provision is made applicable to such subcontract.

Training and upgrading of minorities and women toward journey workers status is a primary objective of this training special provision. Accordingly, the contractor shall make every effort to enroll minority trainees and women (e.g., by conducting systematic and direct recruitment through public and private sources likely to yield minority trainees and women trainees); to the extent such persons are available within a reasonable area of recruitment. The contractor will be given an opportunity and will be responsible for demonstrating the steps that they have taken in pursuance thereof, prior to determination as to whether the contractor is in compliance with this training special provision. This training commitment is not intended, and shall not be used, to discriminate against any applicant for training, whether a member of a minority group or not.

No employee shall be employed as a trainee in any classification in which they have successfully completed a training course leading to journey workers status or in which they have been employed as a journey worker. The contractor should satisfy this requirement by including appropriate questions in the employee application or by other suitable means. Regardless of the method used, the contractor's records should document the findings in each case.

V. APPRENTICESHIP TRAINING

The Federal Highway Administration's (FHWA) policy is to require full use of all available training and skill improvement opportunities to assure increased participation of minority groups, disadvantaged persons and women in all phases of the highway construction industry. The FHWA On-the-Job Training (OJT) Program requires the State transportation agencies (STAs) to establish apprenticeships and training programs targeted to move women, minorities, and disadvantaged individuals into journey-level positions to ensure that a competent workforce is available to meet highway construction hiring needs, and to address the historical underrepresentation of members of these groups in highway construction skilled crafts.

The OJT Supportive Services (OJT/SS) Program was established in Title 23 Code of Federal Regulations (CFR), Part 230) to supplement the OJT program and support STA training programs by providing services to highway construction contractors and assistance to highway construction apprentices and trainees. The primary objectives of OJT/SS are:

- (1) To increase the overall effectiveness of the State highway agencies' approved training programs.
- (2) To seek other ways to increase the training opportunities for women, minorities, and disadvantaged individuals.

The STAs are responsible for establishing procedures, subject to the availability of Surface Transportation and Bridge Funds under 23 U.S.C. §140(b) (Nondiscrimination), for the provision of supportive services with respect to training programs approved under 23 CFR, Part 230(a) (Equal Employment Opportunity on Federal and Federal-aid Construction Contracts – including Supportive Services).

The contractor and subcontractor shall maintain records to demonstrate compliance with these apprenticeship requirements. Reasonable exemptions and modifications to and from any or all of these requirements will be determined by the Wisconsin Department of Transportation-Civil Rights Office. A request for an exemption or modification, with justification, shall be made in writing, addressed to WisDOT Civil Rights Office, 4802 Sheboygan Avenue, P.O. Box 7965, Rm. 451, Madison, WI 53707.

ADDITIONAL SPECIAL PROVISION 3

DISADVANTAGED BUSINESS ENTERPRISE [DBE] PROGRAM IMPLEMENTATION

1. Description

- a. The federal DBE program requirements outlined in the Code of Federal Regulations at 49 CFR Part 26 apply to this Wisconsin Department of Transportation contract. WisDOT is a recipient of federal funds and this contract includes federal funds. United States Department of Transportation Federal DBE Program requires the following provisions:
 - (1) Pursuant to the federal DBE program regulation at 49 CFR Part 26, a contractor's failure to comply with any provision of the DBE regulations will be considered a material breach of contract. This is non-negotiable. If a contractor fails to carry out the DBE program and Title VI nondiscrimination requirements of its contracts, the following sanctions will be assessed depending upon the facts, reasoning, severity and remedial efforts of the contractor: termination of contract, withholding payment, assessment of monetary sanctions, assessment of liquidated damages and/or suspension/debarment proceedings that may result in the disqualification of the contractor from bidding for a designated period of time.
 - (2) The contractor shall utilize the specific DBEs listed to perform the work and supply the materials for which each is listed unless the contractor obtains the federal fund recipient's [DOT] written consent. Unless [WisDOT] consent is provided, the contractor shall not be entitled to any payment for work or material unless it is performed or supplied by the listed DBE.
- b. The Wisconsin Department of Transportation [WisDOT] is committed to the compliant administration of the DBE Program. Each WisDOT Secretary affirms this commitment with his/her signed assurance.
<https://wisconsindot.gov/Documents/doing-bus/civil-rights/dbe/policy-statement.pdf>
 - (1) The department encourages the contractor to assist and develop DBE firms to become fully knowledgeable contractors to successfully perform on its contracts. Under the contract, the contractor agrees to provide the assistance to participating DBE's in the following areas:
 - i. Produce accurate and complete quotes.
 - ii. Understand highway plans applicable to their work.
 - iii. Understand specifications and contract requirements applicable to their work.
 - iv. Understand contracting reporting requirements.
 - (2) Wisconsin DOT identifies the assigned DBE goal in its contract advertisements and posts the contract DBE goal on the cover of the bidding proposal. The contractor can meet the assigned, specified contract DBE goal by subcontracting work to a DBE or by procuring services or materials from a DBE. The department calculates the DBE participation as the dollar value of DBE participation included in the bid expressed as a percentage of the total contract bid amount.
 - (3) For more comprehensive information on the disadvantaged business program, visit the department's Civil Rights and Compliance Section website at:
<https://wisconsindot.gov/Pages/doing-bus/civil-rights/dbe/default.aspx>

2. Definitions

Interpret these terms, used throughout this additional special provision, as follows:

- a. **Bid Percentage:** The DBE percentage indicated in the bidding proposal at the time of bid.
- b. **DBE:** A small business certified as disadvantaged business enterprise (DBE) under the federal DBE program and included on the Wisconsin UCP DBE Directory deemed ready, willing and able.
- c. **DBE goal:** The amount of DBE participation expected in the contract as shown on the cover of the Highway Work Proposal.
- d. **Manufacturer:** A firm that operates or maintains a factory or establishment that produces, on the premises, the materials, supplies, articles, or equipment required under the contract.
- e. **Supplier:** A firm that owns, operates, or maintains a store, warehouse, or other establishment in which the materials, supplies, articles or equipment required under the contract are bought, kept in stock, and regularly sold or leased to the public.
- f. **Voluntary Achievement:** The amount of DBE participation achieved and reported in the contract in excess of the assigned goal.

3. DBE Percentage Required at Bid Submission

Indicate the bid percentage (i.e. 0% through 100%) of DBE participation on the completed bidding proposal. For electronic submittals, show the percentage in the miscellaneous data folder, Item 3, DBE Percent. For paper submittals, show the percentage on the sheet included after the schedule of items. By submission of the bid, the bidder contractually commits to DBE participation at or above the bid percentage, or certifies that they have utilized comprehensive good faith efforts to solicit and utilize DBE firms to meet the DBE participation requirements of this contract proposal, and that the bid percentage is reflective of these good faith efforts. The bid percentage should demonstrate the efforts of the prime contractor prior to bid. If the bidder does not indicate the bid percentage of DBE participation on the completed bidding proposal, the department will consider the bid irregular and may reject the bid.

4. WisDOT Interpretation of Federal DBE Program Provision

Prime contractors must utilize the specific DBEs listed to perform the work and/or supply the materials for which each is listed on the Commitment to Subcontract to DBE Form [DT1506] and approved by WisDOT's DBE office to execute its contract. The approved Commitment to Subcontract to DBE Form [DT1506] becomes a contract document/record.

a. Department's DBE Evaluation Process

WisDOT evaluates DBE using the Commitment to Subcontract to DBE, payments to subcontractors and contract documentation. The prime contractor shall list the specific DBE certified firms and items of work s/he intends to use toward the fulfillment of the assigned DBE contract goal. The prime contractor receives DBE credit for payments made to the DBE firms performing the work listed on the approved Form DT1506.

b. Documentation Submittal

The contractor is to identify, by name, the DBE firms whose utilization is intended to satisfy this provision, the items of work of the DBE subcontract or supply agreement and the dollar value of those items of work by completing the Commitment to Subcontract to DBE Form [DT1506]. Effective January 1, 2017, the contractor will be required to submit the documentation within 5 business days after bid opening. All necessary supporting documentation including Attachment 'A' forms and/or Good Faith Efforts Form

[DT1202] must be submitted no later than 2 business days from contractor's initial submission of the DT 1506. The contractor must provide a signed Attachment 'A' form to the DBE office within the time limit in order to receive authorization for contract execution; the DBE office reserves the right accept alternate documentation in lieu of the signed form in extenuating circumstances. Documentation must be submitted to the DBE Office by email at DBE_Alert@dot.wi.gov (DBE_Alert@dot.wi.gov) or by postal mail ATTN: DBE Office, PO Box 7965, Madison, WI 53707-7965.

(1) **Bidder Meets DBE Goal**

If the bidder indicates that the contract DBE goal is met, after award and before execution, the department will evaluate the Commitment to Subcontract to DBE Form DT1506 and attachment A(s) to verify the actual DBE percentage calculation. If the DBE commitment is verified, the contract is eligible for execution with respect to the DBE commitment.

(2) **Bidder Does Not Meet DBE Goal**

- i. If the bidder indicates a bid percentage on the Commitment to Subcontract to DBE Form [DT1506] that does not meet the contract DBE goal, the bidder must submit a Good Faith Efforts Form [DT1202] and supporting documentation. After award and before execution, the department will evaluate the bidder's DBE commitment and consider the bidder's good faith efforts submission.
- ii. The department will evaluate the bidder's good faith effort request and notify the bidder of one of the following:
 - (a) If the department grants a good faith efforts, the bid is eligible for contract execution with respect to DBE commitment.
 - (b) If the department rejects the good faith efforts request, the department may declare the bid ineligible for execution. The department will provide a written explanation of why the good faith efforts request was rejected. The bidder may appeal the department's rejection as allowed under 7 a. & b.

c. **Bidder Fails to Submit Documentation**

If the contractor fails to furnish the Commitment to Subcontract to DBE Form [DT1506] within the specified time, the department may cancel the award. Delay in fulfilling this requirement is not a cause for extension of the contract time and shall not be used as a tool to delay execution.

5. Department's Criteria for Good Faith Effort

Appendix A of 49 CFR Part 26, is the guiding regulation concerning good faith efforts. However, the federal regulations do not explicitly define "good faith" but states that bidder must actively and aggressively attempt to meet the goal. The federal regulations are general and do not include every factor or effort that can be considered. As a result, each state must establish its own processes and consider the factors established in its own practices to create a process for making a determination of adequate good faith. WisDOT evaluates good faith on a contract basis just as each contract award is evaluated individually.

The department will only approve a contractor's good faith efforts if the bidder has made the effort, given the relevant circumstances under the contract that a bidder actively and aggressively seeking to meet the goal would make. The department will evaluate the bidder's good faith effort to determine whether a good faith efforts will be granted. The bidder must demonstrate, on the DT1202 that they have aggressively solicited DBE participation in an attempt to meet the contract DBE goal and attaining the stated DBE goal is not feasible.

- a. The department, in conjunction with industry stakeholders, has developed the following guidance for contractor good faith effort. The guidance and the attached appendices provide a framework for the actions required by all parties in the processing and evaluation of bidder's total efforts to achieve the project specific DBE goal prior to the bid letting date.

b. Prime Contractors should:

- (1) Document all efforts and decisions made toward achieving the DBE goal on the contract. The bidder should use the Civil Rights & Compliance System [CRCS] and related WisDOT- approved DBE outreach tools, including the Bid Express Small Business Network, to foster DBE participation on all applicable contracts.
- (2) Prime contractors may request assistance with DBE outreach and follow-up by contacting the department's DBE Support Services Office by phone or email request at least 14 days prior to the bid letting date. Requesting assistance with outreach is not a decisive factor in the review Good faith effort evaluation. Phone numbers are 414-438-4584 and/or 414-659-0487; Fax: 414-438-5392; E-mail: DOTDBESupportServices@dot.wi.gov.
- (3) Request quotes by identifying potential items to subcontract and solicit. Prime contractors are strongly encouraged to include in their initial contacts a single page including a detailed list of items for which they are accepting quotes, by project, within a letting. See *attached sample entitled "Sample Contractor Solicitation Letter" in Appendix A*. Prime contractors should also indicate a willingness to accept quotes in areas they are planning to perform themselves, as required by federal rules. In some cases, it might be appropriate to use DBE's to do work in a prime contractor's area of specialization.
 - i. Solicit quotes from certified DBE firms who match 'possible items to subcontract' using all reasonable and available means. Additionally, forward copies of solicitations highlighting the work areas for which you are seeking quotes to DOTDBESupportServices@dot.wi.gov.
 - ii. SBN is the preferred outreach tool. <https://www.bidx.com/wi/main>. Other acceptable means include postal mail, email, fax, phone call.
 - (a) Primes must ask DBE firms for a response in their solicitations. See *Sample Contractors Solicitation Letter* in Appendix. This letter can be included as an attachment to the SBN sub-quote request.
 - (b) Solicit quotes at least 10 calendar days prior to the letting date, at least two Fridays before the letting, to allow DBE firms sufficient time to respond. Prime contractors should contact DBE firms early, asking if they need help organizing their quote, assistance confirming equipment needs, or other assistance supporting their submission of a competitive quote for their services.
 - (c) Second solicitation should take place within 5 calendar days. Email and SBN are the preferred delivery of the follow-up solicitation.
 - iii. Upon request, provide interested DBE firms with adequate information about plans, specifications and the requirements of the contract by letter, information session, email, phone call and/or referral.
 - iv. When potential exists, the contractor should advise interested DBE firms on how to obtain bonding, line of credit or insurance if requested.
 - v. Document DBE firm's interest in quoting by taking appropriate steps to follow up initial solicitation with:
 - (a) Email to all prospective DBE firms in relevant work areas.
 - (b) Phone call log to DBE firms who express interest via written response or call.
 - (c) Fax/letter confirmation
 - (d) Signed copy of Bid Express SBN Record of Subcontractor Outreach Effort.

c. Evaluate DBE quotes Documentation is critical if a prime does not utilize the DBE firm's quote for any reason.

- (1) Evaluate DBE firm's capability to perform 'possible items to subcontract' using legitimate reasons, including but not limited to, **a discussion with the DBE firm** regarding its capabilities prior to the bid letting. If lack of capacity is your reason for not utilizing the DBE quote, you are required to contact the DBE by phone and email regarding their ability to perform the work indicated in the UCP directory listed as their work area by NAICS code. Only the work area and/or NAICS code listed in the UCP directory can be counted toward DBE credit. Documentation of the conversation is required.
- (2) In striving to meet an assigned DBE contract goal, prime contractors are expected to use DBE quotes that are responsive and reasonable. This includes DBE quotes that are not the low quote.

- (3) **Special Circumstance** - Evaluation of DBE quotes with tied bid items. "Tied quotes are the condition in which a subcontractor submits quotes including multiple areas of expertise across multiple work areas noting that the items and price are tied. Typically this type of quoting represents a cost saving to the prime but is not clearly stated as a discount; tied quotes are usually presented as 'all or none' quote to the prime." When non-DBE subcontractors submit tied bid items in their quotes to the prime, the DBE firms' quote may seem not competitive. In such a case, the following steps are taken in comparing the relevant quotes. These are qualitative examples.
- i. Compare bid items common to both quotes, noting the reasonableness in the price comparison.
 - ii. Review quotes from other firms for the bid items not quoted by the DBE firm to see if combining both can provide the same competitive advantage that the tied bid items offered.
- d. Immediately after notification of contract award, the prime submits all '**Commitment to Subcontract**' forms to the DBE Office. Prime contractor has 5 days to submit the completed form for the DBE firms it intends to use on the contract for DBE credit. If the goal is not met in full, the prime contractor must provide the following information along with WisDOT form DT1202: Certificate of Good Faith Efforts.
- (1) The names, addresses, e-mail addresses, telephone numbers of DBE's contacted. The dates of both initial and follow-up contact.
 - (2) A description of information provided to the DBE's regarding the plans, specifications, and estimated quantities for portions of the work to be performed by that DBE.
 - (3) Photocopies or electronic copies of all written solicitations to DBE's. A printed copy of SBN solicitation is acceptable.
 - (4) Documentation of each quote received from a DBE and, if rejected, the reason for that rejection.
 - (5) Bidder attendance at any pre-solicitation or pre-bid meetings the department held to inform DBE's of participation opportunities available on the project.

The prime contractor must obtain written consent from the DBE Office to change or replace any DBE firm listed on the approved Commitment to Subcontract to DBE Form [DT1506]. If the prime contractor utilizes another contractor, including the use of its own workforce, to perform the work assigned to a DBE on the approved DT1506, the prime contractor will not be entitled to payment for that work. Any changes to DBE after the approval of the DT1506 must be reviewed and approved by the DBE office prior to the change.

6. Use of Joint Checks

The use of joint checks is allowable if it is a commonly recognized business practice in the material industry. A joint check is defined as a two-party check between a DBE, a prime contractor and the regular dealer of materials supplier who is neither the prime nor an affiliate of the prime. Typically, the prime contractor issues one check as payor to the DBE subcontractor and to the supplier jointly (to guarantee payment to the supplier) as payment for the material/supplies used by the DBE in cases where the prime has submitted the DBE and material for DBE credit. The DBE subcontractor gains the opportunity to establish a direct contracting relationship with the supplier to potentially facilitate a business rapport that results in a line of credit or increased partnering opportunities.

The cost of material and supplies purchased by the DBE is part of the value of work performed by the DBE to be counted toward the goal. To receive credit, the DBE must be responsible for negotiating price, determining quality and quantity, ordering the materials, and installing (where applicable) and "paying for the material itself." See 49 CFR 26.55(c)(1).

The approval to use joint checks constitutes a commitment to provide further information to WisDOT, upon request by staff. WisDOT will allow the use of joint checks when the following conditions are met:

- a. The Prime must request permission to use joint checks from the DBE Office by submitting the Application to Use Joint Checks.
 - (1) Request should be made when the DBE Commitment form or Request to Sublet is submitted; the request will not be considered if submitted after the DBE Subcontractor starts its work.
 - (2) Approval/Permission must be granted prior to the issuance of any joint checks.
 - (3) The payment schedule for the supplier must be presented to the DBE office before the first check is issued.
 - (4) The joint check for supplies must be strictly for the cost of supplies.
- b. DBE subcontractor is responsible to furnish and/or install the material/work item. The DBE subcontractor shall not be an 'extra participant' in the transaction; the DBE's role in the transaction cannot be limited solely to signing the check(s) to release payment to the material supplier. At a minimum, the DBE subcontractor's tasks should include the following.
 - (1) The DBE subcontractor (not the prime/payor) negotiates the quantities, price and delivery of materials;
 - (2) The DBE subcontractor consents to sign/release the check to the supplier by signing the Application to Use Joint Checks after establishing the conditions and documentation of payment within the subcontract terms or in a separate written document.
- c. The Prime contractor/payor acts solely as a guarantor,
 - (1) The prime agrees to furnish the check used for the payment of materials/supplies under the contract.
 - (2) The prime contractor/payor cannot require the subcontractor to use a specific supplier or the prime contractors negotiated unit price.

7. Bidder's Appeal Process

- a. A bidder can appeal the department's decision to deny the bidder's good faith effort submission. The bidder must provide written documentation refuting the specific reasons for rejection as stated in the department's rejection notice. The bidder may meet in person with the department if so requested. Failure to appeal within 7 calendar days after receiving the department's written denial notice of a good faith effort evaluation constitutes a forfeiture of the bidder's right of appeal. A contract cannot be executed without documentation that the DBE provisions have been fulfilled.
- b. The department will appoint a representative, who did not participate in the original determination, to assess the bidder's appeal. The department will issue a written decision within 5 calendar days after the bidder presents all written and oral testimony. In that written decision, the department will explain the basis for finding that the bidder did or did not meet the contract DBE goal or make an adequate good faith effort to meet the contract DBE goal. The department's decision is final. If the department finds that the bidder did not meet the contract DBE goal or did not make adequate efforts to meet the DBE goal, the department may declare the bid ineligible for execution.

8. Department's Criteria for DBE Participation

Directory of DBE firms

- a. The only resource for DBE certified firms certified in the state of Wisconsin is the Wisconsin Unified Certification Program [UCP] DBE List. Wisconsin Department of Transportation maintains a current list of certified DBE firms titled Wisconsin UCP DBE Directory on the website at:
<https://wisconsin.gov/Documents/doing-bus/civil-rights/dbe/dbe-ucp-directory.xlsx>
- b. The DBE office is also available to assist at 414-438-4583 or 608-267-3849.

9. Counting DBE Participation

Assessing DBE Work

- a. The department will only count the DBE usage towards the contract DBE goal if the DBE firm is certified as a DBE by one of the unified certification program agencies. If a firm becomes DBE certified before entering into a subcontract, the department may consider that DBE usage towards the contract goal. The department only counts the value of the work a DBE actually performs towards the DBE goal. The department assesses the DBE work as follows:
- b. The department counts work performed by the DBE's own resources. The department includes the cost of materials and supplies the DBE obtains for the work. The department also includes the cost of equipment the DBE leases for the work. The department will not include the cost of materials, supplies, or equipment the DBE purchases or leases from the prime contractor or its affiliate, except the department will count non-project specific leases the DBE has in place before the work is advertised.
- c. The department counts fees and commissions the DBE charges for providing a bona fide professional, technical, consultant, or managerial services. The department also counts fees and commissions the DBE charges for providing bonds or insurance. The department will only count costs the engineer deems reasonable based on experience or prevailing market rates.
- d. If a DBE subcontracts work, the department counts the value of the subcontracted work only if the DBE's subcontractor is also a DBE.
- e. The contractor shall maintain records and may be required to furnish periodic reports documenting its performance under this item.
- f. It is the prime contractor's responsibility to determine whether the work that is committed and/or contracted to a DBE certified firm can be counted for DBE credit by referencing the work type and NAICS code listed for the DBE firm on the Wisconsin UCP DBE Directory.
- g. It is the prime contractor's responsibility to assess the DBE firm's ability to perform the work for which s/he is committing/contracting the DBE to do. Note that the department encourages the prime contractor to assist and develop DBE firms to become fully knowledgeable contractors to successfully perform on its contracts.

10. Commercially Useful Function

- a. Commercially useful function is evaluated after the contract has been executed, while the DBE certified firm is performing its work items. A DBE performs a commercially useful function when it is responsible for execution of the work of the contract and is carrying out its responsibilities by actually performing, managing, and supervising the work involved.
- b. The department uses Form DT1011: DBE Commercially Useful Function Review and Certification to evaluate whether the DBE is performing a commercially useful function. WisDOT counts expenditures of a DBE toward the DBE goal only if the DBE is performing a commercially useful function on that contract.
- c. A DBE is performing a commercially useful function if the following conditions are met:
 - (1) For contract work, the DBE is responsible for executing a distinct portion of the contract work and it is carrying out its responsibilities by actually performing, managing, and supervising that work.
 - (2) For materials and supplies, the DBE is responsible for negotiating price, determining quality and quantity, ordering, and paying for those materials and supplies.

11. Credit Evaluation for Trucking

All bidders are expected to adhere to the department's current trucking policy posted on the HCCI website at <https://wisconsindot.gov/Documents/doing-bus/civil-rights/dbe/trucking-utilization-policy.pdf>

12. Credit Evaluation for Manufacturers, Suppliers, Brokers

The department will calculate the amount of DBE credit awarded to a prime using a DBE firm for the provisions of materials and supplies on a contract-by-contract basis. The department will count the material and supplies that a DBE provides under the contract for DBE credit based on whether the DBE is a manufacturer, supplier or broker. Generally, DBE crediting measures and evaluates the DBE owner's role, responsibility and contribution to the transaction: maximum DBE credit when the DBE manufactures materials or supplies; DBE credit decreases when the DBE solely supplies material and minimal credit is allotted when the DBE's role is administrative or transactional.

It is the bidder's responsibility to find out if the DBE is considered a supplier or a manufacturer before listing them on Commitment to Subcontract to DBE form DT1506.

a. Manufacturers

- (1) A manufacturer is a firm that operates or maintains a factory or establishment that produces, on the premises, the materials, supplies, articles, or equipment required under the contract and of the general character described by the specifications.
- (2) If the materials or supplies are obtained from a DBE manufacturer, count **100%** percent of the cost of the materials or supplies toward DBE goals.

b. Regular Dealers of Material and/or Supplies

- (1) A regular dealer is a firm that owns, operates, or maintains a store, warehouse, or other establishment in which the materials, supplies, articles or equipment of the general character described by the specifications and required under the contract are bought, kept in stock, and regularly sold or leased to the public in the usual course of business.
- (2) If the materials or supplies are purchased from a DBE regular dealer, count **60%** percent of the cost of the materials or supplies toward DBE goals.
- (3) At a minimum, a regular dealer must meet the following criteria to be counted for DBE credit:
 - i. The DBE firm must be an established, regular business that engages, as its principal business and under its own name, in the purchase and sale or lease of the products in question.
 - ii. The DBE firm must both own and operate distribution equipment for the product--bulk items such as petroleum products, steel, cement, gravel, stone, or asphalt. If some of the distribution equipment is leased, the lease agreement must accompany the DBE Commitment form for evaluation of the dealer's control before the DBE office approves the DBE credit.

c. Brokers, Transaction Expeditors, Packagers, Manufacturers Representatives

- (1) No portion of the cost of the materials, supplies, services themselves will count for DBE credit; however, WisDOT will evaluate the fees or commissions charged when a prime purchases materials, supplies or services from a DBE certified firm which is neither a manufacturer nor a regular dealer, namely: brokers, packagers, manufacturers' representatives or other persons who arrange or expedite transactions.
- (2) Brokerage fees have historically been calculated as **10%** of the purchase amount.
- (3) WisDOT may count the amount of fees or commissions charged for assistance in the procurement of the materials and supplies, or fees or transportation charges for the delivery of materials or supplies required on a job site.
- (4) The evaluation will review the contract need for the item/service, review the sub-contract or invoice for the item/service, compare the fees customarily allowed for similar services to determine whether they are reasonable.

When DBE suppliers are contracted, additional documentation must accompany the DT1506 and Attachment 'A' forms. An invoice or bill-of-sale that includes the company names of the bidder and the DBE supplier and documentation of the calculations used as the basis for the purchase agreement, subcontract or invoice. *WisDOT recognizes that the amount on the Attachment 'A' form may be more or less than the amount on the invoice.* Please respond to the following questions and submit with your DBE Commitment Form.

1. What is the product or material?
2. Is this item in the prime's inventory or was the item purchased when contract was awarded?
3. Which contract line items were referenced to develop this quote?
4. What is the amount of material or product used on the project?

13. Credit Evaluation for DBE Primes

Wisconsin DOT calculates DBE credit based on the amount and type of work performed by DBE certified firms. If the prime contractor is a DBE certified firm, the department will only count the work that DBE prime contractor performs with its own forces for DBE credit. We will also calculate DBE credit for the work performed by any other DBE certified subcontractor, DBE certified supplier, DBE certified manufacturer on that contract in that DBE's approved work areas/NAICS code. Crediting for manufacturers and suppliers is calculated consistent with paragraph 12 of this document and 49 CFR Part 26.

14. Joint Venture

If a DBE performs as a participant in a joint venture, the department will only count that portion of the total dollar value of the contract equal to that portion of the work that the DBE performs with its own forces for DBE credit.

15. Mentor Protégé

- a. If a DBE performs as a participant in a mentor protégé agreement, the department will count for credit the portion of the work performed by the DBE protégé firm.
- b. DBE credit will be evaluated and confirmed by the DBE Office for any contracts on which the mentor protégé team identifies itself to the DBE Office as a current participant of the Mentor Protégé Program.
- c. Refer to WisDOT's Mentor Protégé guidelines for guidance on the number of contracts and amount of DBE credit that can be counted on any WisDOT project.

16. DBE Replacement or Termination

Contractual Requirement

The contractor shall utilize the specific DBEs listed to perform the work and supply the materials for which each is listed unless the contractor obtains written consent from the Department's DBE Office. If the Department does not provide consent to replace or terminate a DBE firm, the prime contractor shall not be entitled to any payment for work or material unless it is performed or supplied by the listed DBE.

Contractor Considerations

- a. A prime contractor cannot terminate and/or replace a DBE subcontractor listed on the approved Commitment to Subcontract to DBE Form [DT1506] without prior written consent from the DBE Office. This includes, but is not limited to, instances in which a prime contractor seeks to perform work originally designated for a DBE subcontractor with its own forces or those of an affiliate, a non-DBE firm, or with another DBE firm.

- b. If a prime contractor feels it is necessary to replace or terminate a DBE firm that has been approved for DBE credit toward its contract, s/he will be required to provide reasons and documentation to support why the prime cannot fulfill the contractual commitment that it made to the Department regarding the DBE utilization.
- c. Prime contractor is required to make affirmative efforts to find another DBE subcontractor to perform at least the same amount of work under the contract as the DBE that was terminated, to the extent needed to meet the assigned DBE contract goal.
- d. In circumstances when a DBE subcontractor fails to complete its work on the contract for any reason or is terminated from a contract, the prime contractor is expected to make affirmative efforts to maintain its commitment to the assigned DBE goal.
- e. The DBE firm should communicate with the prime contractor regarding its schedule and capacity in the context of the contract. If the DBE anticipates that it cannot fulfill its subcontract, s/he shall advise the prime contractor and suggest a DBE that may replace their services or provide written consent to be released from its subcontract.
 - (1) Before the prime contractor can request to terminate or substitute a DBE firm; s/he must:
 - i. Make every effort to fulfill the DBE commitment by working with the listed DBE to ensure that they are fully knowledgeable of your expectations for successful performance on the contract. Document these efforts in writing.
 - ii. If those efforts fail, provide written notice to the DBE subcontractor of your *intent* to request to terminate and/or replace the firm including the reason(s) you want to pursue this action.
 - iii. Copy the DBE Office on all correspondence related to changing a DBE firm who has been approved for DBE credit on a contract including the preparation and coordination efforts with the DBE on the contract.
 - iv. Clearly state the amount of time the DBE firm has to remedy and/or respond to your notice of intent to replace/terminate their firm from the contract. The DBE shall be allowed five days to respond, in writing. **EXCEPTION:** The prime contractor must provide a verifiable reason for a response period shorter than five days. For example a WisDOT project manager must verify that waiting 5 days for a DBE performing traffic control work to respond would affect the public safety.
 - v. The DBE subcontractor must forward a written response to the prime contractor and copy the DBE Office. The written response must outline why it objects to the proposed termination of its subcontract and list the reasons that WisDOT should not approve the request for their firm to be replaced or removed from the contract.

The Request to Replace or Terminate a DBE

The prime contractor must provide a written request to replace or terminate a DBE firm that has been approved for DBE credit on a WisDOT contract. The written request can be an email or printed document delivered by email or fax; at minimum, the request must contain the following:

1. Contract ID number.
2. Wisconsin DOT Contract Project Manager name and contact information.
3. DBE name and work type and/or NAICS code.
4. Contract's progress schedule.
5. Reason(s) for requesting that the DBE be replaced or terminated.
6. Attach/include all communication with the DBE to deploy/address/resolve work completion,

WisDOT will review your request and any supporting documentation that you submit to evaluate whether the circumstance and the reasons constitute a good cause for replacing or terminating the DBE that was approved for DBE credit on that contract.

Examples of Good Causes to Replace a DBE according to the federal DBE program guidelines {49 CFR part 26.53}

- The listed DBE subcontractor fails or refuses to execute a written contract.
- The listed DBE subcontractor fails or refuses to perform the work of its subcontract in a way consistent with normal industry standards. Provided, however, that good cause does not exist if the failure or refusal of the DBE subcontractor to perform its work on the subcontract results from the bad faith or discriminatory action of the prime contractor.
- The listed DBE subcontractor fails or refuses to meet the prime contractor's reasonable, nondiscriminatory bond requirements.
- The listed DBE subcontractor becomes bankrupt, insolvent, or exhibits credit unworthiness.
- The listed DBE subcontractor is ineligible to work on public works projects because of suspension and debarment proceedings pursuant 2 CFR Parts 180, 215 and 1,200 or applicable state law.
- You have determined that the listed DBE subcontractor is not a responsible contractor.
- The listed DBE subcontractor voluntarily withdraws from the project and provides to you written notice of its withdrawal.
- The listed DBE is ineligible to receive DBE credit for the type of work required.
- A DBE owner dies or becomes disabled with the result that the listed DBE contractor is unable to complete its work on the contract.

Evaluation and Response to the Request

If WisDOT determines that your reasons comply with the good cause standards; the DBE office will send the prime contractor and the WisDOT project manager an email stating that we concur with the reasons and approve the replacement or termination.

If WisDOT determines that your reasons do not comply with the good cause standards of the federal DBE program, the DBE Office will send the prime contractor an email that includes *the requirement* to utilize the committed DBE, *remedial actions* to support the completion of the contractual commitment, a list of available WisDOT support services *and administrative remedies that may be invoked* for failure to comply with federal DBE guidelines for DBE replacement.

The Wisconsin Department of transportation contact for all actions related to replacing a DBE is the DBE Program Chief and/or the DBE Program Engineer which can be reached at DBE_Alert@dot.wi.gov or by calling 608-267-3849.

17. DBE Utilization beyond the approved DBE Commitment Form DT1506

If the Prime/subcontractor increases the scope of work for a participating DBE or adds a DBE subcontractor that was not on the approved Form DT1506 at any time after contract award, s/he should follow these steps so that the participation can be accurately credited toward the DBE goal.

- a. Send an email to the DBE Engineer at DBE_Alert@dot.wi.gov describing the work to be performed by the new DBE including the proposed schedule or duration, DBE name and contact information. You may also call the DBE Engineer at 414-659-0487 to notify him of the change verbally.

If the scope change added work for a participating DBE; list the date and reason for the scope change.

- b. Forward a complete, signed Attachment 'A' form to the DBE Office at DBE_Alert@dot.wi.gov. A complete Attachment A includes DBE contact information, signature, subcontract value and proper description of the work areas to be performed by the DBE.

The DBE office will confirm the DBE participation and revise the DT1506 based on the email/discussion and attach the new/revised Attachment A to the Contract record/documentation.

18. Contract Modifications

When additional opportunity is available by contract modifications, the Prime Contractor shall utilize DBE Subcontractors that were committed to equal work items, in the original contract.

19. Payment

Costs for conforming to this Additional Special Provision (ASP) and any associated DBE requirements are incidental to the contract.

APPENDIX A

Sample Contractor Solicitation Letter Page 1

This sample is provided as a guide not a requirement

GFW SAMPLE MEMORANDUM

TO: DBE FIRMS
 FROM: POTENTIAL PRIME CONTRACTOR OR MAJOR SUBCONTRACTOR
 SUBJECT: REQUEST FOR DBE QUOTES
 LET DATE & TIME
 DATE: MONTH DAY YEAR
 CC: DBE OFFICE ENGINEER

Our company is considering bidding on the projects indicated on the next page, as a prime and/or a subcontractor for the Wisconsin Department of Transportation Month- date -year Letting. Page 2 lists the projects and work items that we may subcontract for this letting. We are interested in obtaining subcontractor quotes for these projects and work categories. Also note that we are willing to accept quotes in areas we may be planning to perform ourselves as required by federal rules.

Please review page 2, respond whether you plan to quote, highlight the projects and work items you are interested in performing and return it via fax or email within 3 days. Plans, specifications and addenda are available through WisDOT at the DBE Support Services office or at the Highway Construction Contract Information (HCCI) site at <https://wisconsindot.gov/Pages/doing-bus/contractors/hcci/default.aspx>

Your quote should include all of the costs required to complete the items you propose to perform including labor, equipment, material, and related bonding or insurance. The quote should note items that you are DBE certified to perform, tied items, and any special terms. Page 2, with the indicated projects and items you plan to quote, should be used as a cover sheet for your quote.

Please make every effort to have your quotes into our office by time deadline the prior to the letting date. **Make sure the correct letting date, project ID and proposal number, unit price and extension are included in your quote.** We prefer quotes be sent via SBN but prime's alternatives are acceptable. Our office hours are include hours and days. Please call our office as soon as possible prior to the letting if you need information/clarification to prepare your quote at contact number.

If you wish to discuss or evaluate your quote in more detail, contact us after the contract is awarded. Status of the contract can be checked at WisDOT's HCCI site at <https://wisconsindot.gov/Pages/doing-bus/contractors/hcci/default.aspx>

All questions should be directed to:

Project Manager, John Doe,

Phone: (000) 123-4567

Email: Joe@joetheplumber.com

Fax: (000) 123- 4657

Sample Contractor Solicitation Letter Page 2

This sample is provided as a guide not a requirement

REQUEST FOR QUOTATION

Prime's Name: _____
 Letting Date: _____
 Project ID: _____

Please check all that apply

- “ Yes, we will be quoting on the projects and items listed below
- “ No, we are not interested in quoting on the letting or its items referenced below
- “ Please take our name off your monthly DBE contact list
- “ We have questions about quoting this letting. Please have someone contact me at this number

Prime Contractor 's Contact Person

 Phone: _____
 Fax: _____
 Email: _____

DBE Contractor Contact Person

 Phone _____
 Fax _____
 Email _____

Please circle the jobs and items you will be quoting below

Proposal No.	1	2	3	4	5	6	7
County							

WORK DESCRIPTION:

Clear and Grub	X		X	X		X	X
Dump Truck Hauling	X		X	X		X	X
Curb & Gutter/Sidewalk, Etc.	X		X	X		X	X
Erosion Control Items	X		X	X		X	X
Signs and Posts/Markers	X		X	X		X	X
Traffic Control		X	X	X		X	X
Electrical Work/Traffic Signals		X	X	X		X	
Pavement Marking		X	X	X	X	X	X
Sawing Pavement		X	X	X	X	X	X
QMP, Base	X	X		X	X	X	X
Pipe Underdrain	X			X			
Beam Guard				X	X	X	X
Concrete Staining							X
Trees/Shrubs	X						X

Again please make every effort to have your quotes into our office by time deadline prior to the letting date.

We prefer quotes be sent via SBN but prime's preferred alternatives are acceptable.

If there are further questions please direct them to the prime contractor's contact person at phone number.

APPENDIX B

BEST PRACTICES FOR PRIME CONTRACTOR & DBE SUBCONTRACTOR GOOD FAITH EFFORT

This list is not a set of requirements; it is a list of potential strategies

Primes

- Ø Prime contractor open houses inviting DBE firms to see the bid “war room” or providing technical assistance.
- Ø Participate in speed networking and mosaic exercises as arranged by DBE office.
- Ø Host information sessions not directly associated with a bid letting.
- Ø Participate in a formal mentor protégé or joint venture with a DBE firm.
- Ø Participate in WisDOT advisory committees i.e. TRANSAC, or Mega Project committee meetings.
- Ø Facilitate a small group DBE ‘training session’ Clarifying how your firm prepares for bid letting, evaluates subcontractors, preferred qualifications and communication methods.
- Ø Encourage subcontractors to solicit and highlight DBE participation in their quotes to you.
- Ø Quality of communication, not quantity creates the best results. Contractors should do as thorough a job as possible in communicating with DBE firms before the bid and provide any assistance requested to assure best possible bid.

DBE

- Ø DBE firms should contact primes as soon as possible with questions regarding their quotes or bid; seven days prior is optimal.
- Ø Continually check for contract addendums on the HCCI website through the Thursday prior to letting to stay abreast of changes.
- Ø Review the status of contracts on the HCCI website reviewing the ‘apparent low bidder’ list, and bid tabs at a minimum.
- Ø Prepare a portfolio or list of related projects and prime and supplier references; be sure to note transportation-related projects of similar size and scope, firm expertise and staffing.
- Ø Participate in DBE office assessment programs.
- Ø Participate on advisory and mega-project committees.
- Ø Sign up to receive the DBE Contracting Update.
- Ø Consider membership in relevant industry or contractor organizations.
- Ø Active participation is a must. Quote as many projects as you can reasonably work on; quoting the primes and bidding as a prime with the department are the only ways to get work.

APPENDIX C

Types of Efforts considered in determining GFE

This list represents concepts being assessed; analysis requires additional steps

1. Whether the contractor attended any pre-solicitation or pre-bid meetings that were scheduled by WisDOT to inform DBEs of contracting and subcontracting opportunities.
2. Whether the contractor provided written notice to a reasonable number of specific DBEs that their interest in the contract was being solicited, in sufficient time to allow the DBEs to participate effectively.
3. Whether the contractor followed up initial solicitations of interest by contacting DBEs to determine if the DBEs were interested; returned the phone calls of interested DBE firms.
4. Whether the contractor selected portions of the work to be performed by DBEs in order to increase the likelihood of meeting the DBE goal.
5. Whether the contractor provided interested DBEs with adequate information about the plans, specifications and requirements of the contract.
6. Whether the contractor negotiated in good faith with interested DBEs, not rejected DBEs as unqualified without sound reasons based on a thorough investigation of their capabilities.
7. Whether the contractor made efforts to assist interested DBEs in being more competitive.
8. Whether the contractor effectively used the services of available minority community organizations: minority contractors groups, local, state, and Federal minority business assistance offices, and other organizations that provide assistance to small businesses and DBE firms.
9. Whether Prime used CRCS to identify DBE who specialize in relevant work areas.
10. Whether the contractor used available resources including contacting the DBE office, using WisDOT's website
11. Whether the contractor returned calls of firms expressing interest in a timely manner.

APPENDIX D
Good Faith Effort Evaluation Guidance
Excerpt from Appendix A of 49 CFR Part 26

APPENDIX A TO PART 26 -- GUIDANCE CONCERNING GOOD FAITH EFFORTS

- I. When, as a recipient, you establish a contract goal on a DOT assisted contract, a bidder must, in order to be responsible and/or responsive, make good faith efforts to meet the goal. The bidder can meet this requirement in either of two ways. First, the bidder can meet the goal, documenting commitments for participation by DBE firms sufficient for this purpose. Second, even if it doesn't meet the goal, the bidder can document adequate good faith efforts. This means that the bidder must show that it took all necessary and reasonable steps to achieve a DBE goal or other requirement of this part which, by their scope, intensity, and appropriateness to the objective, could reasonably be expected to obtain sufficient DBE participation, even if they were not fully successful.
- II. In any situation in which you have established a contract goal, part 26 requires you to use the good faith efforts mechanism of this part. As a recipient, it is up to you to make a fair and reasonable judgment whether a bidder that did not meet the goal made adequate good faith efforts. It is important for you to consider the quality, quantity, and intensity of the different kinds of efforts that the bidder has made. The efforts employed by the bidder should be those that one could reasonably expect a bidder to take if the bidder were actively and aggressively trying to obtain DBE participation sufficient to meet the DBE contract goal. Mere pro forma efforts are not good faith efforts to meet the DBE contract requirements. We emphasize, however, that your determination concerning the sufficiency of the firm's good faith efforts is a judgment call: meeting quantitative formulas is not required.
- III. The Department also strongly cautions you against requiring that a bidder meet a contract goal (i.e., obtain a specified amount of DBE participation) in order to be awarded a contract, even though the bidder makes an adequate good faith efforts showing. This rule specifically prohibits you from ignoring bona fide good faith efforts.
- IV. The following is a list of types of actions which you should consider as part of the bidder's good faith efforts to obtain DBE participation. It is not intended to be a mandatory checklist, nor is it intended to be exclusive or exhaustive. Other factors or types of efforts may be relevant in appropriate cases.
 - A. Soliciting through all reasonable and available means (e.g. attendance at pre-bid meetings, advertising and/or written notices) the interest of all certified DBEs who have the capability to perform the work of the contract. The bidder must solicit this interest within sufficient time to allow the DBEs to respond to the solicitation. The bidder must determine with certainty if the DBEs are interested by taking appropriate steps to follow up initial solicitations.
 - B. Selecting portions of the work to be performed by DBEs in order to increase the likelihood that the DBE goals will be achieved. This includes, where appropriate, breaking out contract work items into economically feasible units to facilitate DBE participation, even when the prime contractor might otherwise prefer to perform these work items with its own forces.
 - C. Providing interested DBEs with adequate information about the plans, specifications, and requirements of the contract in a timely manner to assist them in responding to a solicitation.
 - D.
 - (1) Negotiating in good faith with interested DBEs. It is the bidder's responsibility to make a portion of the work available to DBE subcontractors and suppliers and to select those portions of the work or material needs consistent with the available DBE subcontractors and suppliers, so as to facilitate DBE participation. Evidence of such negotiation includes the names, addresses, and telephone numbers of DBEs that were considered; a description of the information provided regarding the plans and specifications for the work selected for subcontracting; and evidence as to why additional agreements could not be reached for DBEs to perform the work.
 - (2) A bidder using good business judgment would consider a number of factors in negotiating with subcontractors, including DBE subcontractors, and would take a firm's price and capabilities as well as contract goals into consideration. However, the fact that there may be some additional costs involved in finding and using DBEs is not in itself sufficient reason for a bidder's failure to meet the contract DBE goal, as long as such costs are reasonable. Also, the ability or desire of a prime contractor to perform the work of a

contract with its own organization does not relieve the bidder of the responsibility to make good faith efforts. Prime contractors are not, however, required to accept higher quotes from DBEs if the price difference is excessive or unreasonable.

- E. Not rejecting DBEs as being unqualified without sound reasons based on a thorough investigation of their capabilities. The contractor's standing within its industry, membership in specific groups, organizations, or associations and political or social affiliations (for example union vs. non-union employee status) are not legitimate causes for the rejection or non solicitation of bids in the contractor's efforts to meet the project goal.
 - F. Making efforts to assist interested DBEs in obtaining bonding, lines of credit, or insurance as required by the recipient or contractor.
 - G. Making efforts to assist interested DBEs in obtaining necessary equipment, supplies, materials, or related assistance or services.
 - H. Effectively using the services of available minority/women community organizations; minority/women contractors' groups; local, state, and Federal minority/women business assistance offices; and other organizations as allowed on a case-by-case basis to provide assistance in the recruitment and placement of DBEs.
- V. In determining whether a bidder has made good faith efforts, you may take into account the performance of other bidders in meeting the contract. For example, when the apparent successful bidder fails to meet the contract goal, but others meet it, you may reasonably raise the question of whether, with additional reasonable efforts, the apparent successful bidder could have met the goal. If the apparent successful bidder fails to meet the goal, but meets or exceeds the average DBE participation obtained by other bidders, you may view this, in conjunction with other factors, as evidence of the apparent successful bidder having made good faith efforts.

Appendix E

Small Business Network [SBN] Overview

The Small Business Network is a part of the Bid Express® service that was created to ensure that prime bidders have a centralized online location to find subs - including small and disadvantaged business enterprises (DBEs). It is available for prime bidders to use as part of their Basic Service subscription.

Within the Small Business Network, Prime Contractors can:

1. Easily select proposals, work types and items:
 - a. After adding applicable work types, select items that you wish to quote. Enter the sub-quote quantities and add comments, if desired. Adding or removing items and work types can be done quickly. If needed, you can save the sub-quote for completion at a later time.
2. Create sub-quotes for the subcontracting community:
 - a. Create sub-quotes with ease using the intuitive sub-quote creator. In seven short steps, you can rapidly create a custom sub-quote directed to all subcontractors that bid on the applicable work types. Steps include: provide contact information and sub-quote expiration date, select letting and proposal, add work types and items, specify terms and conditions, upload attachments, and select vendors.
 - b. Create a sub-quote to send to subcontractors or suppliers that lists the items in a proposal that you want quoted
 - c. Create an unlimited number of sub-quotes for items you want quoted, and optionally mark them as a DBE-preferred request.
 - d. Add attachments to sub-quotes.
3. View sub-quote requests & responses:
 - a. After logging into the Bid Express service, you can quickly review all of your sub-quote requests and all unsolicited sub-quote requests from subcontractors. To simplify the Small Business Network home screen, sub-quote requests can be hidden with one click if they are not applicable.
 - b. View or receive unsolicited sub-quotes that subcontractors have posted, complete with terms, conditions and pricing.
4. View Record of Subcontractor Outreach Effort:
 - a. For each sub-quote produced, a *Record of Subcontractor Outreach Effort* is generated that shows the response statistics for a particular sub-quote. If accepted by the letting agency, this report may serve as proof of a “Good Faith” effort in reaching out to the DBE community.
 - b. Easily locate pre-qualified and certified small and disadvantaged businesses.
 - c. Advertise to small and disadvantaged businesses more efficiently and cost effectively.
 - d. Document your interactions with subs/DBEs by producing an Outreach Report (may be accepted as proof of DBE outreach at the discretion of each agency).

The Small Business Network is a part of the Bid Express® service that was created to ensure that small businesses have a centralized area to access information about upcoming projects. It can help small businesses learn more about opportunities, compete more effectively, network with other contractors and subcontractors, and win more jobs.

1. View and reply to sub-quote requests from primes:
 - a. After logging into the Bid Express service, you can quickly review all incoming sub-quote requests and all unsolicited sub-quotes created by your company. Receive notifications by selected work type. To simplify on the Small Business Network home screen, sub-quote requests can be filtered by work types relevant to your interests, or hidden with one click if they are not applicable.
2. Select items when responding to sub-quote requests from primes:
 - a. You have the freedom to choose and price any number of items when responding to a sub-quote request. Quantities can be modified, and per-item comments are also available.
 - b. View requests for sub-quotes for work that primes have posted for projects they are bidding, add your pricing, terms, and conditions, and submit completed sub-quotes to the requesting primes.
 - c. Add attachments to a sub-quote.
3. Create and send unsolicited sub-quotes to specific contractors:
 - a. Create unsolicited sub-quotes with ease using the intuitive sub-quote creator. In eight short steps, you can rapidly create a custom sub-quote directed at any number of specific vendors of your choosing. Steps include: provide contact information and sub-quote expiration date, select letting and proposal, add work types and items, specify terms and conditions, upload attachments, and select vendors.
4. Easily select and price items for unsolicited sub-quotes:
 - a. After adding applicable work types, select items that you wish to quote. The extended price calculates automatically, cutting out costly calculation errors. Comments can be provided on a per-item basis as well.
 - b. Create an unsolicited sub-quote that lists the items from a proposal that you want to quote, include pricing, terms and conditions, and send it to selected prime/plan holder.
 - c. Add attachments to a sub-quote.
 - d. Add unsolicited work items to sub-quotes that you are responding to.
5. Easy Access to Valuable Information
 - a. Receive a confirmation that your sub-quote was opened by a prime.
 - b. View Bid Tab Analysis data from past bids, including the high, average and low prices of items.
 - c. View important notices and publications from DOT targeted to small and disadvantaged businesses.
6. Accessing Small Business Network for WisDOT contracting opportunities
 - a. If you are a contractor not yet subscribing to the Bid Express service, go to www.bidx.com and select "Order Bid Express." The Small Business Network is a part of the Bid Express Basic Service.
 - b. DBE firms can request a Bid Express Small Business Network Account at no cost by calling 414-438-4588.

ADDITIONAL SPECIAL PROVISION 4

Payment to First-Tier Subcontractors

Within 10 calendar days of receiving a progress payment for work completed by a subcontractor, pay the subcontractor for that work. The prime contractor may withhold payment to a subcontractor if, within 10 calendar days of receipt of that progress payment, the prime contractor provides written notification to the subcontractor and the department documenting "just cause" for withholding payment.

The prime contractor may also withhold routine retainage from payments due subcontractors.

Payment to Lower-Tier Subcontractors

Ensure that subcontracting agreements at all tiers provide prompt payment rights to lower-tier subcontractors that parallel those granted first-tier subcontractors in this provision.

Release of Routine Retainage

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

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

Within 30 calendar days of receiving the semi-final estimate from the department, submit written certification that subcontractors at all tiers are paid in full for acceptably completed work and that no routine retainage is being withheld. The department will pay the prime contractor in full and reduce the routine retainage withheld from the prime contractor to zero when the department approves the final estimate.

This special provision does not limit the right of the department, prime contractor, or subcontractors at any tier to withhold payment for work not acceptably completed or work subject to an unresolved contract dispute.

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

Make the following revisions to the standard specifications:

107.17.1 General

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

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

109.1.1 General

Replace the entire text with the following effective with the January 2019 letting:

- (1) The engineer will use the US standard system to measure all work completed under the contract. The engineer will determine quantities of materials the contractor furnishes and work the contractor performs using measurement methods and computations conforming to standard engineering practice, modified to meet department requirements. The engineer will document these measurements using department procedures.
 - (2) The engineer will measure the work as the contract measurement subsection for individual items specifies. The department will measure the actual quantities of work the contractor acceptably completes and make final payment based on those actual measured quantities except as follows:
 1. If the measurement subsection for a bid item specifically restricts the quantity measured for payment or allows for use of conversion factors.
 2. If the engineer executes a contract change order modifying the method of measurement for specific bid items, the engineer will measure the quantities of applicable bid items for payment using the change order methods.
 3. If the engineer, under 105.3.1(2), approves a contractor-requested plan dimension change between US standard and SI metric dimensions, the engineer will measure whichever of the following is less:
 - Actual quantities constructed.
 - Quantities derived from the original plan dimensions.
 4. For substitutions made under 106.2.3 between US standard and SI metric products, the engineer will measure the actual quantities of the substitute products using the original contract measuring system.
-

305.2.1 General

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

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

420.3.2.1 General

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

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

420.3.2.2 Continuous Grinding

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

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

450.3.2.8 Jointing

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

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

455.2.4.3 Emulsified Asphalts

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

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

460.2.8.3.1.4 Department Verification Testing Requirements

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

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

460.2.8.3.1.6 Acceptable Verification Parameters

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

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

460.2.8.3.1.7 Dispute Resolution

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

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

460.5.2.1 General

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

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

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

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

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

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

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

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

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

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

506.3.2 Shop Drawings

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

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

646.3.1.2 Liquid Marking

Replace paragraph five with the following effective with the January 2019 letting:

- (5) Apply liquid marking and glass beads across the line at or exceeding the following:

LIQUID MARKING	PAVEMENT TYPE	THICKNESS (mils)	BEAD APPLICATION (pounds per gallon)
Paint	all	16	8
Epoxy	SMA, seal coats, and polymer overlays	25	25
Epoxy	all other	20	22.5
Wet Reflective Epoxy	all	20	18

646.3.2.3.2 Wet Reflective Epoxy

Replace paragraph five with the following effective with the January 2019 letting:

- (1) Apply wet reflective epoxy binder in a grooved slot, and provide a double drop bead system as follows:
 - First: wet reflective/recoverable elements at the application rate specified for the product chosen from the department's APL.
 - Second: glass beads at the application rate specified in 646.3.1.2(5).

650.3.1 General

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

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

650.3.1.1 Staking

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

650.3.1.2 Automated Machine Guidance**650.3.1.2.1 General**

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

650.3.1.2.2 AMG Work Plan

- (1) Submit a comprehensive written AMG work plan for department review at least 5 business days before the preconstruction conference. In that plan discuss how AMG technology will be integrated into other

technologies employed on the project. List the staking bid items that will have work performed using AMG and, for each bid item listed, include the following:

1. Designate which portions of the contract will be done using AMG and which portions will be done using conventional staking.
 2. Designate a single staff person as the primary contact for AMG technology issues.
 3. List and map the primary and secondary control points required under 105.6.2 enveloping the site.
 4. Describe the contractor's quality control procedures. Include the frequency and type of checks performed to ensure that the work conforms to the contract plans.
- (2) The engineer will review the plan to determine if it conforms to the contract. Do not perform AMG work until the engineer approves the governing portion of the AMG workplan. Perform the work as the contractor's AMG work plan provides. Update the plan as necessary.

650.3.1.2.3 Geometric and Surface Information

650.3.1.2.3.1 Department Responsibilities

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

650.3.1.2.3.2 Contractor Responsibilities

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

650.3.1.2.4 Managing and Updating Information

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

650.3.1.2.5 Construction Checks

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

650.3.1.2.6 Construction Tolerances

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

650.3.3 Subgrade

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

650.3.3 Subgrade Staking

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

transitions. Locate stakes to within 0.25 feet horizontally and establish the grade elevation to within 0.03 feet vertically.

Errata

520.3.3 Laying Pipe

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

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

608.3.3 Laying Pipe

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

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

ADDITIONAL SPECIAL PROVISION 7

A. Reporting 1st Tier and DBE Payments During Construction

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

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

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

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

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

ADDITIONAL SPECIAL PROVISION 9

Electronic Certified Payroll or Labor Data Submittal

(1) Use the department's Civil Rights Compliance System (CRCS) to electronically submit certified payroll reports for contracts with federal funds and labor data for contracts with state funds only. Details are available online through the department's highway construction contractor information (HCCI) site on the Labor, Wages, and EEO Information page at:

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

(2) Ensure that all tiers of subcontractors, including all trucking firms, either submit their weekly certified payroll reports (contracts with federal funds) or labor data (contracts with state funds only) electronically through CRCS. These payrolls or labor data 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 their submittals. The department will provide training either in a classroom setting at one of our regional offices or by telephone. Contact Paul Ndon at (414) 438-4584 to schedule the training.

(4) The department will reject all paper submittals 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/labor data from their computer system into CRCS should have their payroll coordinator contact Paul Ndon at paul.ndon@dot.wi.gov. Not every contractor's payroll system is capable of producing export files. For details, see Section 4.8 CPR Auto Submit (Data Mapping) on pages 49-50; 66-71 of the CRCS Payroll Manual at:

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

REQUIRED CONTRACT PROVISIONS FEDERAL-AID CONSTRUCTION CONTRACTS

- I. General
- II. Nondiscrimination
- III. Nonsegregated Facilities
- IV. Davis-Bacon and Related Act Provisions
- V. Contract Work Hours and Safety Standards Act Provisions
- VI. Subletting or Assigning the Contract
- VII. Safety: Accident Prevention
- VIII. False Statements Concerning Highway Projects
- IX. Implementation of Clean Air Act and Federal Water Pollution Control Act
- X. Compliance with Governmentwide Suspension and Debarment Requirements
- XI. Certification Regarding Use of Contract Funds for Lobbying

ATTACHMENTS

A. Employment and Materials Preference for Appalachian Development Highway System or Appalachian Local Access Road Contracts (included in Appalachian contracts only)

I. GENERAL

1. Form FHWA-1273 must be physically incorporated in each construction contract funded under Title 23 (excluding emergency contracts solely intended for debris removal). The contractor (or subcontractor) must insert this form in each subcontract and further require its inclusion in all lower tier subcontracts (excluding purchase orders, rental agreements and other agreements for supplies or services).

The applicable requirements of Form FHWA-1273 are incorporated by reference for work done under any purchase order, rental agreement or agreement for other services. The prime contractor shall be responsible for compliance by any subcontractor, lower-tier subcontractor or service provider.

Form FHWA-1273 must be included in all Federal-aid design-build contracts, in all subcontracts and in lower tier subcontracts (excluding subcontracts for design services, purchase orders, rental agreements and other agreements for supplies or services). The design-builder shall be responsible for compliance by any subcontractor, lower-tier subcontractor or service provider.

Contracting agencies may reference Form FHWA-1273 in bid proposal or request for proposal documents, however, the Form FHWA-1273 must be physically incorporated (not referenced) in all contracts, subcontracts and lower-tier subcontracts (excluding purchase orders, rental agreements and other agreements for supplies or services related to a construction contract).

2. Subject to the applicability criteria noted in the following sections, these contract provisions shall apply to all work performed on the contract by the contractor's own organization and with the assistance of workers under the contractor's immediate superintendence and to all work performed on the contract by piecework, station work, or by subcontract.

3. A breach of any of the stipulations contained in these Required Contract Provisions may be sufficient grounds for withholding of progress payments, withholding of final payment, termination of the contract, suspension / debarment or any other action determined to be appropriate by the contracting agency and FHWA.

4. Selection of Labor: During the performance of this contract, the contractor shall not use convict labor for any purpose within the limits of a construction project on a Federal-aid highway unless it is labor performed by convicts who are on parole, supervised release, or probation. The term Federal-aid highway does not include roadways functionally classified as local roads or rural minor collectors.

II. NONDISCRIMINATION

The provisions of this section related to 23 CFR Part 230 are applicable to all Federal-aid construction contracts and to all related construction subcontracts of \$10,000 or more. The provisions of 23 CFR Part 230 are not applicable to material supply, engineering, or architectural service contracts.

In addition, the contractor and all subcontractors must comply with the following policies: Executive Order 11246, 41 CFR 60, 29 CFR 1625-1627, Title 23 USC Section 140, the Rehabilitation Act of 1973, as amended (29 USC 794), Title VI of the Civil Rights Act of 1964, as amended, and related regulations including 49 CFR Parts 21, 26 and 27; and 23 CFR Parts 200, 230, and 633.

The contractor and all subcontractors must comply with: the requirements of the Equal Opportunity Clause in 41 CFR 60-1.4(b) and, for all construction contracts exceeding \$10,000, the Standard Federal Equal Employment Opportunity Construction Contract Specifications in 41 CFR 60-4.3.

Note: The U.S. Department of Labor has exclusive authority to determine compliance with Executive Order 11246 and the policies of the Secretary of Labor including 41 CFR 60, and 29 CFR 1625-1627. The contracting agency and the FHWA have the authority and the responsibility to ensure compliance with Title 23 USC Section 140, the Rehabilitation Act of 1973, as amended (29 USC 794), and Title VI of the Civil Rights Act of 1964, as amended, and related regulations including 49 CFR Parts 21, 26 and 27; and 23 CFR Parts 200, 230, and 633.

The following provision is adopted from 23 CFR 230, Appendix A, with appropriate revisions to conform to the U.S. Department of Labor (US DOL) and FHWA requirements.

1. Equal Employment Opportunity: Equal employment opportunity (EEO) requirements not to discriminate and to take affirmative action to assure equal opportunity as set forth under laws, executive orders, rules, regulations (28 CFR 35, 29 CFR 1630, 29 CFR 1625-1627, 41 CFR 60 and 49 CFR 27) and orders of the Secretary of Labor as modified by the provisions prescribed herein, and imposed pursuant to 23 U.S.C. 140 shall constitute the EEO and specific affirmative action standards for the contractor's project activities under

this contract. The provisions of the Americans with Disabilities Act of 1990 (42 U.S.C. 12101 et seq.) set forth under 28 CFR 35 and 29 CFR 1630 are incorporated by reference in this contract. In the execution of this contract, the contractor agrees to comply with the following minimum specific requirement activities of EEO:

a. The contractor will work with the contracting agency and the Federal Government to ensure that it has made every good faith effort to provide equal opportunity with respect to all of its terms and conditions of employment and in their review of activities under the contract.

b. The contractor will accept as its operating policy the following statement:

"It is the policy of this Company to assure that applicants are employed, and that employees are treated during employment, without regard to their race, religion, sex, color, national origin, age or disability. Such action shall include: 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, pre-apprenticeship, and/or on-the-job training."

2. EEO Officer: The contractor will designate and make known to the contracting officers an EEO Officer who will have the responsibility for and must be capable of effectively administering and promoting an active EEO program and who must be assigned adequate authority and responsibility to do so.

3. Dissemination of Policy: All members of the contractor's staff who are authorized to hire, supervise, promote, and discharge employees, or who recommend such action, or who are substantially involved in such action, will be made fully cognizant of, and will implement, the contractor's EEO policy and contractual responsibilities to provide EEO in each grade and classification of employment. To ensure that the above agreement will be met, the following actions will be taken as a minimum:

a. Periodic meetings of supervisory and personnel office employees will be conducted before the start of work and then not less often than once every six months, at which time the contractor's EEO policy and its implementation will be reviewed and explained. The meetings will be conducted by the EEO Officer.

b. All new supervisory or personnel office employees will be given a thorough indoctrination by the EEO Officer, covering all major aspects of the contractor's EEO obligations within thirty days following their reporting for duty with the contractor.

c. All personnel who are engaged in direct recruitment for the project will be instructed by the EEO Officer in the contractor's procedures for locating and hiring minorities and women.

d. Notices and posters setting forth the contractor's EEO policy will be placed in areas readily accessible to employees, applicants for employment and potential employees.

e. The contractor's EEO policy and the procedures to implement such policy will be brought to the attention of employees by means of meetings, employee handbooks, or other appropriate means.

4. Recruitment: When advertising for employees, the contractor will include in all advertisements for employees the notation: "An Equal Opportunity Employer." All such advertisements will be placed in publications having a large circulation among minorities and women in the area from which the project work force would normally be derived.

a. The contractor will, unless precluded by a valid bargaining agreement, conduct systematic and direct recruitment through public and private employee referral sources likely to yield qualified minorities and women. To meet this requirement, the contractor will identify sources of potential minority group employees, and establish with such identified sources procedures whereby minority and women applicants may be referred to the contractor for employment consideration.

b. In the event the contractor has a valid bargaining agreement providing for exclusive hiring hall referrals, the contractor is expected to observe the provisions of that agreement to the extent that the system meets the contractor's compliance with EEO contract provisions. Where implementation of such an agreement has the effect of discriminating against minorities or women, or obligates the contractor to do the same, such implementation violates Federal nondiscrimination provisions.

c. The contractor will encourage its present employees to refer minorities and women as applicants for employment. Information and procedures with regard to referring such applicants will be discussed with employees.

5. Personnel Actions: Wages, working conditions, and employee benefits shall be established and administered, and personnel actions of every type, including hiring, upgrading, promotion, transfer, demotion, layoff, and termination, shall be taken without regard to race, color, religion, sex, national origin, age or disability. The following procedures shall be followed:

a. The contractor will conduct periodic inspections of project sites to insure that working conditions and employee facilities do not indicate discriminatory treatment of project site personnel.

b. The contractor will periodically evaluate the spread of wages paid within each classification to determine any evidence of discriminatory wage practices.

c. The contractor will periodically review selected personnel actions in depth to determine whether there is evidence of discrimination. Where evidence is found, the contractor will promptly take corrective action. If the review indicates that the discrimination may extend beyond the actions reviewed, such corrective action shall include all affected persons.

d. The contractor will promptly investigate all complaints of alleged discrimination made to the contractor in connection with its obligations under this contract, will attempt to resolve such complaints, and will take appropriate corrective action within a reasonable time. If the investigation indicates that the discrimination may affect persons other than the complainant, such corrective action shall include such other persons. Upon completion of each investigation, the contractor will inform every complainant of all of their avenues of appeal.

6. Training and Promotion:

a. The contractor will assist in locating, qualifying, and increasing the skills of minorities and women who are

applicants for employment or current employees. Such efforts should be aimed at developing full journey level status employees in the type of trade or job classification involved.

b. Consistent with the contractor's work force requirements and as permissible under Federal and State regulations, the contractor shall make full use of training programs, i.e., apprenticeship, and on-the-job training programs for the geographical area of contract performance. In the event a special provision for training is provided under this contract, this subparagraph will be superseded as indicated in the special provision. The contracting agency may reserve training positions for persons who receive welfare assistance in accordance with 23 U.S.C. 140(a).

c. The contractor will advise employees and applicants for employment of available training programs and entrance requirements for each.

d. The contractor will periodically review the training and promotion potential of employees who are minorities and women and will encourage eligible employees to apply for such training and promotion.

7. Unions: If the contractor relies in whole or in part upon unions as a source of employees, the contractor will use good faith efforts to obtain the cooperation of such unions to increase opportunities for minorities and women. Actions by the contractor, either directly or through a contractor's association acting as agent, will include the procedures set forth below:

a. The contractor will use good faith efforts to develop, in cooperation with the unions, joint training programs aimed toward qualifying more minorities and women for membership in the unions and increasing the skills of minorities and women so that they may qualify for higher paying employment.

b. The contractor will use good faith efforts to incorporate an EEO clause into each union agreement to the end that such union will be contractually bound to refer applicants without regard to their race, color, religion, sex, national origin, age or disability.

c. The contractor is to obtain information as to the referral practices and policies of the labor union except that to the extent such information is within the exclusive possession of the labor union and such labor union refuses to furnish such information to the contractor, the contractor shall so certify to the contracting agency and shall set forth what efforts have been made to obtain such information.

d. In the event the union is unable to provide the contractor with a reasonable flow of referrals within the time limit set forth in the collective bargaining agreement, the contractor will, through independent recruitment efforts, fill the employment vacancies without regard to race, color, religion, sex, national origin, age or disability; making full efforts to obtain qualified and/or qualifiable minorities and women. The failure of a union to provide sufficient referrals (even though it is obligated to provide exclusive referrals under the terms of a collective bargaining agreement) does not relieve the contractor from the requirements of this paragraph. In the event the union referral practice prevents the contractor from meeting the obligations pursuant to Executive Order 11246, as amended, and these special provisions, such contractor shall immediately notify the contracting agency.

8. Reasonable Accommodation for Applicants / Employees with Disabilities: The contractor must be familiar

with the requirements for and comply with the Americans with Disabilities Act and all rules and regulations established there under. Employers must provide reasonable accommodation in all employment activities unless to do so would cause an undue hardship.

9. Selection of Subcontractors, Procurement of Materials and Leasing of Equipment: The contractor shall not discriminate on the grounds of race, color, religion, sex, national origin, age or disability in the selection and retention of subcontractors, including procurement of materials and leases of equipment. The contractor shall take all necessary and reasonable steps to ensure nondiscrimination in the administration of this contract.

a. The contractor shall notify all potential subcontractors and suppliers and lessors of their EEO obligations under this contract.

b. The contractor will use good faith efforts to ensure subcontractor compliance with their EEO obligations.

10. Assurance Required by 49 CFR 26.13(b):

a. The requirements of 49 CFR Part 26 and the State DOT's U.S. DOT-approved DBE program are incorporated by reference.

b. The contractor or subcontractor shall not discriminate on the basis of race, color, national origin, or sex in the performance of this contract. The contractor shall carry out applicable requirements of 49 CFR Part 26 in the award and administration of DOT-assisted contracts. Failure by the contractor to carry out these requirements is a material breach of this contract, which may result in the termination of this contract or such other remedy as the contracting agency deems appropriate.

11. Records and Reports: The contractor shall keep such records as necessary to document compliance with the EEO requirements. Such records shall be retained for a period of three years following the date of the final payment to the contractor for all contract work and shall be available at reasonable times and places for inspection by authorized representatives of the contracting agency and the FHWA.

a. The records kept by the contractor shall document the following:

(1) The number and work hours of minority and non-minority group members and women employed in each work classification on the project;

(2) The progress and efforts being made in cooperation with unions, when applicable, to increase employment opportunities for minorities and women; and

(3) The progress and efforts being made in locating, hiring, training, qualifying, and upgrading minorities and women;

b. The contractors and subcontractors will submit an annual report to the contracting agency each July for the duration of the project, indicating the number of minority, women, and non-minority group employees currently engaged in each work classification required by the contract work. This information is to be reported on [Form FHWA-1391](#). The staffing data should represent the project work force on board in all or any part of the last payroll period preceding the end of July. If on-the-job training is being required by special provision, the contractor

will be required to collect and report training data. The employment data should reflect the work force on board during all or any part of the last payroll period preceding the end of July.

III. NONSEGREGATED FACILITIES

This provision is applicable to all Federal-aid construction contracts and to all related construction subcontracts of \$10,000 or more.

The contractor must ensure that facilities provided for employees are provided in such a manner that segregation on the basis of race, color, religion, sex, or national origin cannot result. The contractor may neither require such segregated use by written or oral policies nor tolerate such use by employee custom. The contractor's obligation extends further to ensure that its employees are not assigned to perform their services at any location, under the contractor's control, where the facilities are segregated. The term "facilities" includes waiting rooms, work areas, restaurants and other eating areas, time clocks, restrooms, washrooms, locker rooms, and other storage or dressing areas, parking lots, drinking fountains, recreation or entertainment areas, transportation, and housing provided for employees. The contractor shall provide separate or single-user restrooms and necessary dressing or sleeping areas to assure privacy between sexes.

IV. DAVIS-BACON AND RELATED ACT PROVISIONS

This section is applicable to all Federal-aid construction projects exceeding \$2,000 and to all related subcontracts and lower-tier subcontracts (regardless of subcontract size). The requirements apply to all projects located within the right-of-way of a roadway that is functionally classified as Federal-aid highway. This excludes roadways functionally classified as local roads or rural minor collectors, which are exempt. Contracting agencies may elect to apply these requirements to other projects.

The following provisions are from the U.S. Department of Labor regulations in 29 CFR 5.5 "Contract provisions and related matters" with minor revisions to conform to the FHWA-1273 format and FHWA program requirements.

1. Minimum wages

a. All laborers and mechanics employed or working upon the site of the work, will be paid unconditionally and not less often than once a week, and without subsequent deduction or rebate on any account (except such payroll deductions as are permitted by regulations issued by the Secretary of Labor under the Copeland Act (29 CFR part 3)), the full amount of wages and bona fide fringe benefits (or cash equivalents thereof) due at time of payment computed at rates not less than those contained in the wage determination of the Secretary of Labor which is attached hereto and made a part hereof, regardless of any contractual relationship which may be alleged to exist between the contractor and such laborers and mechanics.

Contributions made or costs reasonably anticipated for bona fide fringe benefits under section 1(b)(2) of the Davis-Bacon Act on behalf of laborers or mechanics are considered wages paid to such laborers or mechanics, subject to the provisions

of paragraph 1.d. of this section; also, regular contributions made or costs incurred for more than a weekly period (but not less often than quarterly) under plans, funds, or programs which cover the particular weekly period, are deemed to be constructively made or incurred during such weekly period. Such laborers and mechanics shall be paid the appropriate wage rate and fringe benefits on the wage determination for the classification of work actually performed, without regard to skill, except as provided in 29 CFR 5.5(a)(4). Laborers or mechanics performing work in more than one classification may be compensated at the rate specified for each classification for the time actually worked therein: Provided, That the employer's payroll records accurately set forth the time spent in each classification in which work is performed. The wage determination (including any additional classification and wage rates conformed under paragraph 1.b. of this section) and the Davis-Bacon poster (WH-1321) shall be posted at all times by the contractor and its subcontractors at the site of the work in a prominent and accessible place where it can be easily seen by the workers.

b.(1) The contracting officer shall require that any class of laborers or mechanics, including helpers, which is not listed in the wage determination and which is to be employed under the contract shall be classified in conformance with the wage determination. The contracting officer shall approve an additional classification and wage rate and fringe benefits therefore only when the following criteria have been met:

(i) The work to be performed by the classification requested is not performed by a classification in the wage determination; and

(ii) The classification is utilized in the area by the construction industry; and

(iii) The proposed wage rate, including any bona fide fringe benefits, bears a reasonable relationship to the wage rates contained in the wage determination.

(2) If the contractor and the laborers and mechanics to be employed in the classification (if known), or their representatives, and the contracting officer agree on the classification and wage rate (including the amount designated for fringe benefits where appropriate), a report of the action taken shall be sent by the contracting officer to the Administrator of the Wage and Hour Division, Employment Standards Administration, U.S. Department of Labor, Washington, DC 20210. The Administrator, or an authorized representative, will approve, modify, or disapprove every additional classification action within 30 days of receipt and so advise the contracting officer or will notify the contracting officer within the 30-day period that additional time is necessary.

(3) In the event the contractor, the laborers or mechanics to be employed in the classification or their representatives, and the contracting officer do not agree on the proposed classification and wage rate (including the amount designated for fringe benefits, where appropriate), the contracting officer shall refer the questions, including the views of all interested parties and the recommendation of the contracting officer, to the Wage and Hour Administrator for determination. The Wage and Hour Administrator, or an authorized representative, will issue a determination within 30 days of receipt and so advise the contracting officer or

will notify the contracting officer within the 30-day period that additional time is necessary.

(4) The wage rate (including fringe benefits where appropriate) determined pursuant to paragraphs 1.b.(2) or 1.b.(3) of this section, shall be paid to all workers performing work in the classification under this contract from the first day on which work is performed in the classification.

c. Whenever the minimum wage rate prescribed in the contract for a class of laborers or mechanics includes a fringe benefit which is not expressed as an hourly rate, the contractor shall either pay the benefit as stated in the wage determination or shall pay another bona fide fringe benefit or an hourly cash equivalent thereof.

d. If the contractor does not make payments to a trustee or other third person, the contractor may consider as part of the wages of any laborer or mechanic the amount of any costs reasonably anticipated in providing bona fide fringe benefits under a plan or program. Provided, That the Secretary of Labor has found, upon the written request of the contractor, that the applicable standards of the Davis-Bacon Act have been met. The Secretary of Labor may require the contractor to set aside in a separate account assets for the meeting of obligations under the plan or program.

2. Withholding

The contracting agency shall upon its own action or upon written request of an authorized representative of the Department of Labor, withhold or cause to be withheld from the contractor under this contract, or any other Federal contract with the same prime contractor, or any other federally-assisted contract subject to Davis-Bacon prevailing wage requirements, which is held by the same prime contractor, so much of the accrued payments or advances as may be considered necessary to pay laborers and mechanics, including apprentices, trainees, and helpers, employed by the contractor or any subcontractor the full amount of wages required by the contract. In the event of failure to pay any laborer or mechanic, including any apprentice, trainee, or helper, employed or working on the site of the work, all or part of the wages required by the contract, the contracting agency may, after written notice to the contractor, take such action as may be necessary to cause the suspension of any further payment, advance, or guarantee of funds until such violations have ceased.

3. Payrolls and basic records

a. Payrolls and basic records relating thereto shall be maintained by the contractor during the course of the work and preserved for a period of three years thereafter for all laborers and mechanics working at the site of the work. Such records shall contain the name, address, and social security number of each such worker, his or her correct classification, hourly rates of wages paid (including rates of contributions or costs anticipated for bona fide fringe benefits or cash equivalents thereof of the types described in section 1(b)(2)(B) of the Davis-Bacon Act), daily and weekly number of hours worked, deductions made and actual wages paid. Whenever the Secretary of Labor has found under 29 CFR 5.5(a)(1)(iv) that the wages of any laborer or mechanic include the amount of any costs reasonably anticipated in providing benefits under a plan or program described in section 1(b)(2)(B) of the Davis-

Bacon Act, the contractor shall maintain records which show that the commitment to provide such benefits is enforceable, that the plan or program is financially responsible, and that the plan or program has been communicated in writing to the laborers or mechanics affected, and records which show the costs anticipated or the actual cost incurred in providing such benefits. Contractors employing apprentices or trainees under approved programs shall maintain written evidence of the registration of apprenticeship programs and certification of trainee programs, the registration of the apprentices and trainees, and the ratios and wage rates prescribed in the applicable programs.

b. (1) The contractor shall submit weekly for each week in which any contract work is performed a copy of all payrolls to the contracting agency. The payrolls submitted shall set out accurately and completely all of the information required to be maintained under 29 CFR 5.5(a)(3)(i), except that full social security numbers and home addresses shall not be included on weekly transmittals. Instead the payrolls shall only need to include an individually identifying number for each employee (e.g., the last four digits of the employee's social security number). The required weekly payroll information may be submitted in any form desired. Optional Form WH-347 is available for this purpose from the Wage and Hour Division Web site at <http://www.dol.gov/esa/whd/forms/wh347instr.htm> or its successor site. The prime contractor is responsible for the submission of copies of payrolls by all subcontractors. Contractors and subcontractors shall maintain the full social security number and current address of each covered worker, and shall provide them upon request to the contracting agency for transmission to the State DOT, the FHWA or the Wage and Hour Division of the Department of Labor for purposes of an investigation or audit of compliance with prevailing wage requirements. It is not a violation of this section for a prime contractor to require a subcontractor to provide addresses and social security numbers to the prime contractor for its own records, without weekly submission to the contracting agency..

(2) Each payroll submitted shall be accompanied by a "Statement of Compliance," signed by the contractor or subcontractor or his or her agent who pays or supervises the payment of the persons employed under the contract and shall certify the following:

(i) That the payroll for the payroll period contains the information required to be provided under §5.5 (a)(3)(ii) of Regulations, 29 CFR part 5, the appropriate information is being maintained under §5.5 (a)(3)(i) of Regulations, 29 CFR part 5, and that such information is correct and complete;

(ii) That each laborer or mechanic (including each helper, apprentice, and trainee) employed on the contract during the payroll period has been paid the full weekly wages earned, without rebate, either directly or indirectly, and that no deductions have been made either directly or indirectly from the full wages earned, other than permissible deductions as set forth in Regulations, 29 CFR part 3;

(iii) That each laborer or mechanic has been paid not less than the applicable wage rates and fringe benefits or cash equivalents for the classification of work performed, as specified in the applicable wage determination incorporated into the contract.

(3) The weekly submission of a properly executed certification set forth on the reverse side of Optional Form WH-347 shall satisfy the requirement for submission of the "Statement of Compliance" required by paragraph 3.b.(2) of this section.

(4) The falsification of any of the above certifications may subject the contractor or subcontractor to civil or criminal prosecution under section 1001 of title 18 and section 231 of title 31 of the United States Code.

c. The contractor or subcontractor shall make the records required under paragraph 3.a. of this section available for inspection, copying, or transcription by authorized representatives of the contracting agency, the State DOT, the FHWA, or the Department of Labor, and shall permit such representatives to interview employees during working hours on the job. If the contractor or subcontractor fails to submit the required records or to make them available, the FHWA may, after written notice to the contractor, the contracting agency or the State DOT, take such action as may be necessary to cause the suspension of any further payment, advance, or guarantee of funds. Furthermore, failure to submit the required records upon request or to make such records available may be grounds for debarment action pursuant to 29 CFR 5.12.

4. Apprentices and trainees

a. Apprentices (programs of the USDOL).

Apprentices will be permitted to work at less than the predetermined rate for the work they performed when they are employed pursuant to and individually registered in a bona fide apprenticeship program registered with the U.S. Department of Labor, Employment and Training Administration, Office of Apprenticeship Training, Employer and Labor Services, or with a State Apprenticeship Agency recognized by the Office, or if a person is employed in his or her first 90 days of probationary employment as an apprentice in such an apprenticeship program, who is not individually registered in the program, but who has been certified by the Office of Apprenticeship Training, Employer and Labor Services or a State Apprenticeship Agency (where appropriate) to be eligible for probationary employment as an apprentice.

The allowable ratio of apprentices to journeymen on the job site in any craft classification shall not be greater than the ratio permitted to the contractor as to the entire work force under the registered program. Any worker listed on a payroll at an apprentice wage rate, who is not registered or otherwise employed as stated above, shall be paid not less than the applicable wage rate on the wage determination for the classification of work actually performed. In addition, any apprentice performing work on the job site in excess of the ratio permitted under the registered program shall be paid not less than the applicable wage rate on the wage determination for the work actually performed. Where a contractor is performing construction on a project in a locality other than that in which its program is registered, the ratios and wage rates (expressed in percentages of the journeyman's hourly rate) specified in the contractor's or subcontractor's registered program shall be observed.

Every apprentice must be paid at not less than the rate specified in the registered program for the apprentice's level of progress, expressed as a percentage of the journeymen hourly

rate specified in the applicable wage determination. Apprentices shall be paid fringe benefits in accordance with the provisions of the apprenticeship program. If the apprenticeship program does not specify fringe benefits, apprentices must be paid the full amount of fringe benefits listed on the wage determination for the applicable classification. If the Administrator determines that a different practice prevails for the applicable apprentice classification, fringes shall be paid in accordance with that determination.

In the event the Office of Apprenticeship Training, Employer and Labor Services, or a State Apprenticeship Agency recognized by the Office, withdraws approval of an apprenticeship program, the contractor will no longer be permitted to utilize apprentices at less than the applicable predetermined rate for the work performed until an acceptable program is approved.

b. Trainees (programs of the USDOL).

Except as provided in 29 CFR 5.16, trainees will not be permitted to work at less than the predetermined rate for the work performed unless they are employed pursuant to and individually registered in a program which has received prior approval, evidenced by formal certification by the U.S. Department of Labor, Employment and Training Administration.

The ratio of trainees to journeymen on the job site shall not be greater than permitted under the plan approved by the Employment and Training Administration.

Every trainee must be paid at not less than the rate specified in the approved program for the trainee's level of progress, expressed as a percentage of the journeyman hourly rate specified in the applicable wage determination. Trainees shall be paid fringe benefits in accordance with the provisions of the trainee program. If the trainee program does not mention fringe benefits, trainees shall be paid the full amount of fringe benefits listed on the wage determination unless the Administrator of the Wage and Hour Division determines that there is an apprenticeship program associated with the corresponding journeyman wage rate on the wage determination which provides for less than full fringe benefits for apprentices. Any employee listed on the payroll at a trainee rate who is not registered and participating in a training plan approved by the Employment and Training Administration shall be paid not less than the applicable wage rate on the wage determination for the classification of work actually performed. In addition, any trainee performing work on the job site in excess of the ratio permitted under the registered program shall be paid not less than the applicable wage rate on the wage determination for the work actually performed.

In the event the Employment and Training Administration withdraws approval of a training program, the contractor will no longer be permitted to utilize trainees at less than the applicable predetermined rate for the work performed until an acceptable program is approved.

c. Equal employment opportunity. The utilization of apprentices, trainees and journeymen under this part shall be in conformity with the equal employment opportunity requirements of Executive Order 11246, as amended, and 29 CFR part 30.

d. Apprentices and Trainees (programs of the U.S. DOT).

Apprentices and trainees working under apprenticeship and skill training programs which have been certified by the Secretary of Transportation as promoting EEO in connection with Federal-aid highway construction programs are not subject to the requirements of paragraph 4 of this Section IV. The straight time hourly wage rates for apprentices and trainees under such programs will be established by the particular programs. The ratio of apprentices and trainees to journeymen shall not be greater than permitted by the terms of the particular program.

5. Compliance with Copeland Act requirements. The contractor shall comply with the requirements of 29 CFR part 3, which are incorporated by reference in this contract.

6. Subcontracts. The contractor or subcontractor shall insert Form FHWA-1273 in any subcontracts and also require the subcontractors to include Form FHWA-1273 in any lower tier subcontracts. The prime contractor shall be responsible for the compliance by any subcontractor or lower tier subcontractor with all the contract clauses in 29 CFR 5.5.

7. Contract termination: debarment. A breach of the contract clauses in 29 CFR 5.5 may be grounds for termination of the contract, and for debarment as a contractor and a subcontractor as provided in 29 CFR 5.12.

8. Compliance with Davis-Bacon and Related Act requirements. All rulings and interpretations of the Davis-Bacon and Related Acts contained in 29 CFR parts 1, 3, and 5 are herein incorporated by reference in this contract.

9. Disputes concerning labor standards. Disputes arising out of the labor standards provisions of this contract shall not be subject to the general disputes clause of this contract. Such disputes shall be resolved in accordance with the procedures of the Department of Labor set forth in 29 CFR parts 5, 6, and 7. Disputes within the meaning of this clause include disputes between the contractor (or any of its subcontractors) and the contracting agency, the U.S. Department of Labor, or the employees or their representatives.

10. Certification of eligibility.

a. By entering into this contract, the contractor certifies that neither it (nor he or she) nor any person or firm who has an interest in the contractor's firm is a person or firm ineligible to be awarded Government contracts by virtue of section 3(a) of the Davis-Bacon Act or 29 CFR 5.12(a)(1).

b. No part of this contract shall be subcontracted to any person or firm ineligible for award of a Government contract by virtue of section 3(a) of the Davis-Bacon Act or 29 CFR 5.12(a)(1).

c. The penalty for making false statements is prescribed in the U.S. Criminal Code, 18 U.S.C. 1001.

V. CONTRACT WORK HOURS AND SAFETY STANDARDS ACT

The following clauses apply to any Federal-aid construction contract in an amount in excess of \$100,000 and subject to the overtime provisions of the Contract Work Hours and Safety Standards Act. These clauses shall be inserted in addition to the clauses required by 29 CFR 5.5(a) or 29 CFR 4.6. As used in this paragraph, the terms laborers and mechanics include watchmen and guards.

1. Overtime requirements. No contractor or subcontractor contracting for any part of the contract work which may require or involve the employment of laborers or mechanics shall require or permit any such laborer or mechanic in any workweek in which he or she is employed on such work to work in excess of forty hours in such workweek unless such laborer or mechanic receives compensation at a rate not less than one and one-half times the basic rate of pay for all hours worked in excess of forty hours in such workweek.

2. Violation; liability for unpaid wages; liquidated damages. In the event of any violation of the clause set forth in paragraph (1.) of this section, the contractor and any subcontractor responsible therefor shall be liable for the unpaid wages. In addition, such contractor and subcontractor shall be liable to the United States (in the case of work done under contract for the District of Columbia or a territory, to such District or to such territory), for liquidated damages. Such liquidated damages shall be computed with respect to each individual laborer or mechanic, including watchmen and guards, employed in violation of the clause set forth in paragraph (1.) of this section, in the sum of \$10 for each calendar day on which such individual was required or permitted to work in excess of the standard workweek of forty hours without payment of the overtime wages required by the clause set forth in paragraph (1.) of this section.

3. Withholding for unpaid wages and liquidated damages. The FHWA or the contracting agency shall upon its own action or upon written request of an authorized representative of the Department of Labor withhold or cause to be withheld, from any moneys payable on account of work performed by the contractor or subcontractor under any such contract or any other Federal contract with the same prime contractor, or any other federally-assisted contract subject to the Contract Work Hours and Safety Standards Act, which is held by the same prime contractor, such sums as may be determined to be necessary to satisfy any liabilities of such contractor or subcontractor for unpaid wages and liquidated damages as provided in the clause set forth in paragraph (2.) of this section.

4. Subcontracts. The contractor or subcontractor shall insert in any subcontracts the clauses set forth in paragraph (1.) through (4.) of this section and also a clause requiring the subcontractors to include these clauses in any lower tier subcontracts. The prime contractor shall be responsible for compliance by any subcontractor or lower tier subcontractor with the clauses set forth in paragraphs (1.) through (4.) of this section.

VI. SUBLETTING OR ASSIGNING THE CONTRACT

This provision is applicable to all Federal-aid construction contracts on the National Highway System.

1. The contractor shall perform with its own organization contract work amounting to not less than 30 percent (or a greater percentage if specified elsewhere in the contract) of the total original contract price, excluding any specialty items designated by the contracting agency. Specialty items may be performed by subcontract and the amount of any such specialty items performed may be deducted from the total original contract price before computing the amount of work required to be performed by the contractor's own organization (23 CFR 635.116).

a. The term "perform work with its own organization" refers to workers employed or leased by the prime contractor, and equipment owned or rented by the prime contractor, with or without operators. Such term does not include employees or equipment of a subcontractor or lower tier subcontractor, agents of the prime contractor, or any other assignees. The term may include payments for the costs of hiring leased employees from an employee leasing firm meeting all relevant Federal and State regulatory requirements. Leased employees may only be included in this term if the prime contractor meets all of the following conditions:

(1) the prime contractor maintains control over the supervision of the day-to-day activities of the leased employees;

(2) the prime contractor remains responsible for the quality of the work of the leased employees;

(3) the prime contractor retains all power to accept or exclude individual employees from work on the project; and

(4) the prime contractor remains ultimately responsible for the payment of predetermined minimum wages, the submission of payrolls, statements of compliance and all other Federal regulatory requirements.

b. "Specialty Items" shall be construed to be limited to work that requires highly specialized knowledge, abilities, or equipment not ordinarily available in the type of contracting organizations qualified and expected to bid or propose on the contract as a whole and in general are to be limited to minor components of the overall contract.

2. The contract amount upon which the requirements set forth in paragraph (1) of Section VI is computed includes the cost of material and manufactured products which are to be purchased or produced by the contractor under the contract provisions.

3. The contractor shall furnish (a) a competent superintendent or supervisor who is employed by the firm, has full authority to direct performance of the work in accordance with the contract requirements, and is in charge of all construction operations (regardless of who performs the work) and (b) such other of its own organizational resources (supervision, management, and engineering services) as the contracting officer determines is necessary to assure the performance of the contract.

4. No portion of the contract shall be sublet, assigned or otherwise disposed of except with the written consent of the contracting officer, or authorized representative, and such consent when given shall not be construed to relieve the contractor of any responsibility for the fulfillment of the contract. Written consent will be given only after the contracting agency has assured that each subcontract is

evidenced in writing and that it contains all pertinent provisions and requirements of the prime contract.

5. The 30% self-performance requirement of paragraph (1) is not applicable to design-build contracts; however, contracting agencies may establish their own self-performance requirements.

VII. SAFETY: ACCIDENT PREVENTION

This provision is applicable to all Federal-aid construction contracts and to all related subcontracts.

1. In the performance of this contract the contractor shall comply with all applicable Federal, State, and local laws governing safety, health, and sanitation (23 CFR 635). The contractor shall provide all safeguards, safety devices and protective equipment and take any other needed actions as it determines, or as the contracting officer may determine, to be reasonably necessary to protect the life and health of employees on the job and the safety of the public and to protect property in connection with the performance of the work covered by the contract.

2. It is a condition of this contract, and shall be made a condition of each subcontract, which the contractor enters into pursuant to this contract, that the contractor and any subcontractor shall not permit any employee, in performance of the contract, to work in surroundings or under conditions which are unsanitary, hazardous or dangerous to his/her health or safety, as determined under construction safety and health standards (29 CFR 1926) promulgated by the Secretary of Labor, in accordance with Section 107 of the Contract Work Hours and Safety Standards Act (40 U.S.C. 3704).

3. Pursuant to 29 CFR 1926.3, it is a condition of this contract that the Secretary of Labor or authorized representative thereof, shall have right of entry to any site of contract performance to inspect or investigate the matter of compliance with the construction safety and health standards and to carry out the duties of the Secretary under Section 107 of the Contract Work Hours and Safety Standards Act (40 U.S.C.3704).

VIII. FALSE STATEMENTS CONCERNING HIGHWAY PROJECTS

This provision is applicable to all Federal-aid construction contracts and to all related subcontracts.

In order to assure high quality and durable construction in conformity with approved plans and specifications and a high degree of reliability on statements and representations made by engineers, contractors, suppliers, and workers on Federal-aid highway projects, it is essential that all persons concerned with the project perform their functions as carefully, thoroughly, and honestly as possible. Willful falsification, distortion, or misrepresentation with respect to any facts related to the project is a violation of Federal law. To prevent any misunderstanding regarding the seriousness of these and similar acts, Form FHWA-1022 shall be posted on each Federal-aid highway project (23 CFR 635) in one or more places where it is readily available to all persons concerned with the project:

18 U.S.C. 1020 reads as follows:

"Whoever, being an officer, agent, or employee of the United States, or of any State or Territory, or whoever, whether a person, association, firm, or corporation, knowingly makes any false statement, false representation, or false report as to the character, quality, quantity, or cost of the material used or to be used, or the quantity or quality of the work performed or to be performed, or the cost thereof in connection with the submission of plans, maps, specifications, contracts, or costs of construction on any highway or related project submitted for approval to the Secretary of Transportation; or

Whoever knowingly makes any false statement, false representation, false report or false claim with respect to the character, quality, quantity, or cost of any work performed or to be performed, or materials furnished or to be furnished, in connection with the construction of any highway or related project approved by the Secretary of Transportation; or

Whoever knowingly makes any false statement or false representation as to material fact in any statement, certificate, or report submitted pursuant to provisions of the Federal-aid Roads Act approved July 1, 1916, (39 Stat. 355), as amended and supplemented;

Shall be fined under this title or imprisoned not more than 5 years or both."

IX. IMPLEMENTATION OF CLEAN AIR ACT AND FEDERAL WATER POLLUTION CONTROL ACT

This provision is applicable to all Federal-aid construction contracts and to all related subcontracts.

By submission of this bid/proposal or the execution of this contract, or subcontract, as appropriate, the bidder, proposer, Federal-aid construction contractor, or subcontractor, as appropriate, will be deemed to have stipulated as follows:

1. That any person who is or will be utilized in the performance of this contract is not prohibited from receiving an award due to a violation of Section 508 of the Clean Water Act or Section 306 of the Clean Air Act.

2. That the contractor agrees to include or cause to be included the requirements of paragraph (1) of this Section X in every subcontract, and further agrees to take such action as the contracting agency may direct as a means of enforcing such requirements.

X. CERTIFICATION REGARDING DEBARMENT, SUSPENSION, INELIGIBILITY AND VOLUNTARY EXCLUSION

This provision is applicable to all Federal-aid construction contracts, design-build contracts, subcontracts, lower-tier subcontracts, purchase orders, lease agreements, consultant contracts or any other covered transaction requiring FHWA approval or that is estimated to cost \$25,000 or more – as defined in 2 CFR Parts 180 and 1200.

1. Instructions for Certification – First Tier Participants:

a. By signing and submitting this proposal, the prospective first tier participant is providing the certification set out below.

b. The inability of a person to provide the certification set out below will not necessarily result in denial of participation in this

covered transaction. The prospective first tier participant 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 first tier participant to furnish a certification or an explanation shall disqualify such a person from participation in this transaction.

c. The certification in this clause is a material representation of fact upon which reliance was placed when the contracting agency determined to enter into this transaction. If it is later determined that the prospective participant knowingly rendered an erroneous certification, in addition to other remedies available to the Federal Government, the contracting agency may terminate this transaction for cause of default.

d. The prospective first tier participant shall provide immediate written notice to the contracting agency to whom this proposal is submitted if any time the prospective first tier participant learns that its certification was erroneous when submitted or has become erroneous by reason of changed circumstances.

e. The terms "covered transaction," "debarred," "suspended," "ineligible," "participant," "person," "principal," and "voluntarily excluded," as used in this clause, are defined in 2 CFR Parts 180 and 1200. "First Tier Covered Transactions" refers to any covered transaction between a grantee or subgrantee of Federal funds and a participant (such as the prime or general contract). "Lower Tier Covered Transactions" refers to any covered transaction under a First Tier Covered Transaction (such as subcontracts). "First Tier Participant" refers to the participant who has entered into a covered transaction with a grantee or subgrantee of Federal funds (such as the prime or general contractor). "Lower Tier Participant" refers any participant who has entered into a covered transaction with a First Tier Participant or other Lower Tier Participants (such as subcontractors and suppliers).

f. The prospective first tier participant agrees by submitting this proposal that, should the proposed covered transaction 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 or agency entering into this transaction.

g. The prospective first tier participant further agrees by submitting this proposal that it will include the clause titled "Certification Regarding Debarment, Suspension, Ineligibility and Voluntary Exclusion-Lower Tier Covered Transactions," provided by the department or contracting agency, entering into this covered transaction, without modification, in all lower tier covered transactions and in all solicitations for lower tier covered transactions exceeding the \$25,000 threshold.

h. A participant in a covered transaction may rely upon a certification of a prospective participant in a lower tier covered transaction that is not debarred, suspended, ineligible, or voluntarily excluded from the covered transaction, unless it knows that the certification is erroneous. A participant is responsible for ensuring that its principals are not suspended, debarred, or otherwise ineligible to participate in covered transactions. To verify the eligibility of its principals, as well as the eligibility of any lower tier prospective participants, each participant may, but is not required to, check the Excluded Parties List System website (<https://www.epls.gov/>), which is compiled by the General Services Administration.

i. Nothing contained in the foregoing shall be construed to require the establishment of a system of records in order to render in good faith the certification required by this clause. The knowledge and information of the prospective participant is not required to exceed that which is normally possessed by a prudent person in the ordinary course of business dealings.

j. Except for transactions authorized under paragraph (f) of these instructions, if a participant 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 or agency may terminate this transaction for cause or default.

* * * * *

2. Certification Regarding Debarment, Suspension, Ineligibility and Voluntary Exclusion – First Tier Participants:

a. The prospective first tier participant certifies to the best of its knowledge and belief, that it and its principals:

(1) Are not presently debarred, suspended, proposed for debarment, declared ineligible, or voluntarily excluded from participating in covered transactions by any Federal department or agency;

(2) 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;

(3) 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 offenses enumerated in paragraph (a)(2) of this certification; and

(4) Have not within a three-year period preceding this application/proposal had one or more public transactions (Federal, State or local) terminated for cause or default.

b. Where the prospective participant is unable to certify to any of the statements in this certification, such prospective participant shall attach an explanation to this proposal.

2. Instructions for Certification - Lower Tier Participants:

(Applicable to all subcontracts, purchase orders and other lower tier transactions requiring prior FHWA approval or estimated to cost \$25,000 or more - 2 CFR Parts 180 and 1200)

a. By signing and submitting this proposal, the prospective lower tier is providing the certification set out below.

b. The certification in this clause is a material representation of fact upon which reliance was placed when this transaction was entered into. If it is later determined that the prospective lower tier participant knowingly rendered an erroneous certification, in addition to other remedies available to the Federal Government, the department, or agency with which

this transaction originated may pursue available remedies, including suspension and/or debarment.

c. The prospective lower tier participant shall provide immediate written notice to the person to which this proposal is submitted if at any time the prospective lower tier participant learns that its certification was erroneous by reason of changed circumstances.

d. The terms "covered transaction," "debarred," "suspended," "ineligible," "participant," "person," "principal," and "voluntarily excluded," as used in this clause, are defined in 2 CFR Parts 180 and 1200. You may contact the person to which this proposal is submitted for assistance in obtaining a copy of those regulations. "First Tier Covered Transactions" refers to any covered transaction between a grantee or subgrantee of Federal funds and a participant (such as the prime or general contract). "Lower Tier Covered Transactions" refers to any covered transaction under a First Tier Covered Transaction (such as subcontracts). "First Tier Participant" refers to the participant who has entered into a covered transaction with a grantee or subgrantee of Federal funds (such as the prime or general contractor). "Lower Tier Participant" refers any participant who has entered into a covered transaction with a First Tier Participant or other Lower Tier Participants (such as subcontractors and suppliers).

e. The prospective lower tier participant agrees by submitting this proposal that, should the proposed covered transaction 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 or agency with which this transaction originated.

f. The prospective lower tier participant further agrees by submitting this proposal that it will include this clause titled "Certification Regarding Debarment, Suspension, Ineligibility and Voluntary Exclusion-Lower Tier Covered Transaction," without modification, in all lower tier covered transactions and in all solicitations for lower tier covered transactions exceeding the \$25,000 threshold.

g. A participant in a covered transaction may rely upon a certification of a prospective participant in a lower tier covered transaction that is not debarred, suspended, ineligible, or voluntarily excluded from the covered transaction, unless it knows that the certification is erroneous. A participant is responsible for ensuring that its principals are not suspended, debarred, or otherwise ineligible to participate in covered transactions. To verify the eligibility of its principals, as well as the eligibility of any lower tier prospective participants, each participant may, but is not required to, check the Excluded Parties List System website (<https://www.epls.gov/>), which is compiled by the General Services Administration.

h. 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 participant is not required to exceed that which is normally possessed by a prudent person in the ordinary course of business dealings.

i. Except for transactions authorized under paragraph e of these instructions, if a participant 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 or agency with which this transaction originated may pursue available remedies, including suspension and/or debarment.

* * * * *

Certification Regarding Debarment, Suspension, Ineligibility and Voluntary Exclusion--Lower Tier Participants:

1. The prospective lower tier participant certifies, by submission of this proposal, that neither it nor its principals is presently debarred, suspended, proposed for debarment, declared ineligible, or voluntarily excluded from participating in covered transactions by any Federal department or agency.

2. Where the prospective lower tier participant is unable to certify to any of the statements in this certification, such prospective participant shall attach an explanation to this proposal.

* * * * *

XI. CERTIFICATION REGARDING USE OF CONTRACT FUNDS FOR LOBBYING

This provision is applicable to all Federal-aid construction contracts and to all related subcontracts which exceed \$100,000 (49 CFR 20).

1. The prospective participant certifies, by signing and submitting this bid or proposal, to the best of his or her knowledge and belief, that:

a. No Federal appropriated funds have been paid or will be paid, by or on behalf of the undersigned, to any person for influencing or attempting to influence an officer or employee of any Federal agency, a Member of Congress, an officer or employee of Congress, or an employee of a Member of Congress in connection with the awarding of any Federal contract, the making of any Federal grant, the making of any Federal loan, the entering into of any cooperative agreement, and the extension, continuation, renewal, amendment, or modification of any Federal contract, grant, loan, or cooperative agreement.

b. If any funds other than Federal appropriated funds have been paid or will be paid to any person for influencing or attempting to influence an officer or employee of any Federal agency, a Member of Congress, an officer or employee of Congress, or an employee of a Member of Congress in connection with this Federal contract, grant, loan, or cooperative agreement, the undersigned shall complete and submit Standard Form-LLL, "Disclosure Form to Report Lobbying," in accordance with its instructions.

2. This certification is a material representation of fact upon which reliance was placed when this transaction was made or entered into. Submission of this certification is a prerequisite for making or entering into this transaction imposed by 31 U.S.C. 1352. Any person who fails to file the required certification shall be subject to a civil penalty of not less than \$10,000 and not more than \$100,000 for each such failure.

3. The prospective participant also agrees by submitting its bid or proposal that the participant shall require that the language of this certification be included in all lower tier subcontracts, which exceed \$100,000 and that all such recipients shall certify and disclose accordingly.

**ATTACHMENT A - EMPLOYMENT AND MATERIALS
PREFERENCE FOR APPALACHIAN DEVELOPMENT
HIGHWAY SYSTEM OR APPALACHIAN LOCAL ACCESS
ROAD CONTRACTS**

This provision is applicable to all Federal-aid projects funded under the Appalachian Regional Development Act of 1965.

1. During the performance of this contract, the contractor undertaking to do work which is, or reasonably may be, done as on-site work, shall give preference to qualified persons who regularly reside in the labor area as designated by the DOL wherein the contract work is situated, or the subregion, or the Appalachian counties of the State wherein the contract work is situated, except:

a. To the extent that qualified persons regularly residing in the area are not available.

b. For the reasonable needs of the contractor to employ supervisory or specially experienced personnel necessary to assure an efficient execution of the contract work.

c. For the obligation of the contractor to offer employment to present or former employees as the result of a lawful collective bargaining contract, provided that the number of nonresident persons employed under this subparagraph (1c) shall not exceed 20 percent of the total number of employees employed by the contractor on the contract work, except as provided in subparagraph (4) below.

2. The contractor shall place a job order with the State Employment Service indicating (a) the classifications of the laborers, mechanics and other employees required to perform the contract work, (b) the number of employees required in each classification, (c) the date on which the participant estimates such employees will be required, and (d) any other pertinent information required by the State Employment Service to complete the job order form. The job order may be placed with the State Employment Service in writing or by telephone. If during the course of the contract work, the information submitted by the contractor in the original job order is substantially modified, the participant shall promptly notify the State Employment Service.

3. The contractor shall give full consideration to all qualified job applicants referred to him by the State Employment Service. The contractor is not required to grant employment to any job applicants who, in his opinion, are not qualified to perform the classification of work required.

4. If, within one week following the placing of a job order by the contractor with the State Employment Service, the State Employment Service is unable to refer any qualified job applicants to the contractor, or less than the number requested, the State Employment Service will forward a certificate to the contractor indicating the unavailability of applicants. Such certificate shall be made a part of the contractor's permanent project records. Upon receipt of this certificate, the contractor may employ persons who do not normally reside in the labor area to fill positions covered by the certificate, notwithstanding the provisions of subparagraph (1c) above.

5. The provisions of 23 CFR 633.207(e) allow the contracting agency to provide a contractual preference for the use of mineral resource materials native to the Appalachian region.

6. The contractor shall include the provisions of Sections 1 through 4 of this Attachment A in every subcontract for work which is, or reasonably may be, done as on-site work.

Non-discrimination Provisions

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

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

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

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

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

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

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

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

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

Pertinent Non-Discrimination Authorities:

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

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

SEPTEMBER 2002

**NOTICE OF REQUIREMENT FOR AFFIRMATIVE ACTION TO ENSURE
EQUAL EMPLOYMENT OPPORTUNITY (EXECUTIVE ORDER 11246)**

1. The Offeror's or Bidder's attention is called to the "Employment Practices" and "Equal Opportunity Clause" set forth in the Required Contract Provisions, FHWA 1273.
2. The goals and timetables for minority and female participation expressed in percentage terms for the contractor's aggregate work force in each trade, on all construction work in the covered area, are as follows:

Goals for Minority Participation for Each Trade:

<u>County</u>	<u>%</u>	<u>County</u>	<u>%</u>	<u>County</u>	<u>%</u>
Adams	1.7	Iowa	1.7	Polk	2.2
Ashland	1.2	Iron	1.2	Portage	0.6
Barron	0.6	Jackson	0.6	Price	0.6
Bayfield	1.2	Jefferson	7.0	Racine	8.4
Brown	1.3	Juneau	0.6	Richland	1.7
Buffalo	0.6	Kenosha	3.0	Rock	3.1
Burnett	2.2	Kewaunee	1.0	Rusk	0.6
Calumet	0.9	La Crosse	0.9	St. Croix	2.9
Chippewa	0.5	Lafayette	0.5	Sauk	1.7
Clark	0.6	Langlade	0.6	Sawyer	0.6
Columbia	1.7	Lincoln	0.6	Shawano	1.0
Crawford	0.5	Manitowoc	1.0	Sheboygan	7.0
Dane	2.2	Marathon	0.6	Taylor	0.6
Dodge	7.0	Marinette	1.0	Trempealeau	0.6
Door	1.0	Marquette	1.7	Vernon	0.6
Douglas	1.0	Menominee	1.0	Vilas	0.6
Dunn	0.6	Milwaukee	8.0	Walworth	7.0
Eau Claire	0.5	Monroe	0.6	Washburn	0.6
Florence	1.0	Oconto	1.0	Washington	8.0
Fond du Lac	1.0	Oneida	0.6	Waukesha	8.0
Forest	1.0	Outagamie	0.9	Waupaca	1.0
Grant	0.5	Ozaukee	8.0	Waushara	1.0
Green	1.7	Pepin	0.6	Winnebago	0.9
Green Lake	1.0	Pierce	2.2	Wood	0.6

Goals for female participation for each trade: 6.9%

These goals are applicable to all the contractor's construction work, (whether or not it is federal or federally assisted), performed in the covered area. If the contractor performs construction work in the geographical area located outside of the covered area, it shall apply the goals established for such geographical area where the work is actually performed. With regard to this second area, the contractor also is subject to the goals for both its federally involved and nonfederally involved construction.

The contractor's compliance with the Executive Order and the Regulations in 41 CFR Part 60-4 shall be based on its implementation of the Equal Opportunity Clause, specific affirmative action obligations required by the specifications set forth in 41 CFR 60-4.3(a), and its efforts to meet the goals. The hours of minority and female employment and training must be substantially uniform throughout the length of the contract, and in each trade, and the contractor shall make a good faith effort to employ minorities and women evenly on each of its projects. The transfer of minority or female employees or trainees from contractor to contractor or from project to project for the sole purpose of meeting the contractor's goals shall be a violation of the contract, the Executive Order and the Regulations in 41 CFR Part 60-4. Compliance with the goals will be measured against the total work hours performed.

3. The contractor shall provide written notification to the Director of the Office of Federal Contract Compliance Programs within ten (10) working days of award of any construction subcontract in excess of \$10,000.00 at any tier for construction work under the contract resulting from this solicitation. The notification shall list the name, address and telephone number of the subcontractor, employer identification number of the subcontractor; estimated dollar amount of the subcontract; estimated starting and completion dates of the subcontract; and the geographical area in which the subcontract is to be performed.

As referred to in this section, the Director means:

Director
Office of Federal Contract Compliance Programs
Ruess Federal Plaza
310 W. Wisconsin Ave., Suite 1115
Milwaukee, WI 53202

The "Employer Identification Number" means the Federal Social Security number used on the Employer's Quarterly Federal Tax Return, U.S. Treasury Department Form 941.

4. As used in this notice, and in the contract resulting from solicitation, the "covered area" is the county(ies) in Wisconsin to which this proposal applies.

APRIL 2013

ADDITIONAL FEDERAL-AID PROVISIONS

NOTICE TO ALL BIDDERS

To report bid rigging activities call:

1-800-424-9071

The U.S. Department of Transportation (DOT) operates the above toll-free "hotline" Monday through Friday, 8:00 a.m. to 5:00 p.m., Eastern Time. Anyone with knowledge of possible bid rigging, bidding collusion, or other fraudulent activities should use the "hotline" to report such activities.

The "hotline" is part of the DOT's continuing effort to identify and investigate highway construction contract fraud and abuse and is operated under the direction of the DOT Inspector General. All information will be treated confidentially and caller anonymity will be respected.

Effective August 2015 letting

BUY AMERICA PROVISION

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

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

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

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

Cargo Preference Act Requirement

All Federal-aid projects shall comply with 46 CFR 381.7 (a) – (b) as follows:

(a) *Agreement Clauses*. “Use of United States-flag vessels:”

(1) Pursuant to Pub. L. 664 (43 U.S.C. 1241(b)) at least 50 percent of any equipment, materials or commodities procured, contracted for or otherwise obtained with funds granted, guaranteed, loaned, or advanced by the U.S. Government under this agreement, and which may be transported by ocean vessel, shall be transported on privately owned United States-flag commercial vessels, if available.

(2) Within 20 days following the date of loading for shipments originating within the United States or within 30 working days following the date of loading for shipments originating outside the United States, a legible copy of a rated, ‘on-board’ commercial ocean bill-of-lading in English for each shipment of cargo described in paragraph (a)(1) of this section shall be furnished to both the Contracting Officer (through the prime contractor in the case of subcontractor bills-of-lading) and to the Division of National Cargo, Office of Market Development, Maritime Administration, Washington, DC 20590.”

(b) *Contractor and Subcontractor Clauses*. “Use of United States-flag vessels: The contractor agrees—“

(1) To utilize privately owned United States-flag commercial vessels to ship at least 50 percent of the gross tonnage (computed separately for dry bulk carriers, dry cargo liners, and tankers) involved, whenever shipping any equipment, material, or commodities pursuant to this contract, to the extent such vessels are available at fair and reasonable rates for United States-flag commercial vessels.

(2) To furnish within 20 days following the date of loading for shipments originating within the United States or within 30 working days following the date of loading for shipments originating outside the United States, a legible copy of a rated, ‘on-board’ commercial ocean bill-of-lading in English for each shipment of cargo described in paragraph (b) (1) of this section to both the Contracting Officer (through the prime contractor in the case of subcontractor bills-of-lading) and to the Division of National Cargo, Office of Market Development, Maritime Administration, Washington, DC 20590.

(3) To insert the substance of the provisions of this clause in all subcontracts issued pursuant to this contract.

**WISCONSIN DEPARTMENT OF TRANSPORTATION
DIVISION OF TRANSPORTATION AND SYSTEM DEVELOPMENT**

**SUPPLEMENTAL REQUIRED CONTRACT PROVISIONS
FOR PROJECTS WITH FEDERAL AID**

I. PREVAILING WAGE RATES

The attached U.S. Department of Labor (Davis-Bacon Minimum Wage Rates) furnishes the minimum prevailing wage rates pursuant to the Davis-Bacon and Related Acts. The wage rates shown are the minimum rates required by the contract to be paid during its life, however this is not a representation that labor can be obtained at these rates. It is the responsibility of bidders to inform themselves as to the local labor conditions and prospective changes or adjustments of wage rates. No increase in the contract price will be allowed or authorized on account of the payment of wage rates in excess of those listed herein.

II. COVERAGE OF TRUCK DRIVERS

Truck drivers are covered by Davis-Bacon Minimum Wage Rates in the following circumstances:

- Drivers of a contractor or subcontractor for time spent working on the site of the work.
- Drivers of a contractor or subcontractor for time spent loading and/or unloading materials and supplies on the site of the work, if such time is not de minimis. https://www.dol.gov/whd/FOH/FOH_Ch15.pdf
- Truck drivers transporting materials or supplies between a facility that is deemed part of the site of the work and the actual construction site.
- Truck drivers transporting portions of the building or work between a site established specifically for the performance of the contract where a significant portion of such building or work is constructed and the physical place where the building or work called for in the contract will remain.

Truck drivers are not covered by Davis-Bacon Minimum Wage Rates in the following circumstances:

- Material delivery truck drivers while off the site of the work.
- Drivers of a contractor or subcontractor traveling between a Davis-Bacon job and a commercial supply facility while they are off the site of the work."
- Truck drivers whose time spent on the site of the work is de minimis, such as only a few minutes at a time merely to pick up or drop off materials or supplies.

Details are available online at:

<https://www.dol.gov/whd/recovery/pwrb/Tab9.pdf>

<https://wisconsindot.gov/Pages/doing-bus/civil-rights/labornwage/trckng.aspx>

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 and accessible place at the site of work:

- a. A copy of the contractor's Equal Employment Opportunity Policy.

All required documents shall be posted by the first day of work and be accurate and complete. Postings must be readable, in an area where they will be noticed, and maintained until the last day of work.

IV. RESOURCES

Required information regarding compliance with federal provisions is found in the following resources:

- FHWA-1273 included in this contract
- U.S. Department of Labor Prevailing Wage Resource Book
- U.S. Department of Labor Field Operations Handbook
- U.S. Code of Federal Regulations
- Any applicable law, Act, or Executive Order enacted by the federal government at the time of the letting of this contract

General Decision Number: WI190010 01/04/2019 WI10

Superseded General Decision Number: WI20180010

State: Wisconsin

Construction Type: Highway

Counties: Wisconsin Statewide.

HIGHWAY, AIRPORT RUNWAY & TAXIWAY CONSTRUCTION PROJECTS (does not include bridges over navigable waters; tunnels; buildings in highway rest areas; and railroad construction)

Note: Under Executive Order (EO) 13658, an hourly minimum wage of \$10.60 for calendar year 2019 applies to all contracts subject to the Davis-Bacon Act for which the contract is awarded (and any solicitation was issued) on or after January 1, 2015. If this contract is covered by the EO, the contractor must pay all workers in any classification listed on this wage determination at least \$10.60 per hour (or the applicable wage rate listed on this wage determination, if it is higher) for all hours spent performing on the contract in calendar year 2019. If this contract is covered by the EO and a classification considered necessary for performance of work on the contract does not appear on this wage determination, the contractor must pay workers in that classification at least the wage rate determined through the conformance process set forth in 29 CFR 5.5(a)(1)(ii) (or the EO minimum wage rate, if it is higher than the conformed wage rate). The EO minimum wage rate will be adjusted annually. Please note that this EO applies to the above-mentioned types of contracts entered into by the federal government that are subject to the Davis-Bacon Act itself, but it does not apply to contracts subject only to the Davis-Bacon Related Acts, including those set forth at 29 CFR 5.1(a)(2)-(60). Additional information on contractor requirements and worker protections under the EO is available at www.dol.gov/whd/govcontracts.

Modification Number	Publication Date
0	01/04/2019

* BRWI0001-002 06/01/2018

CRAWFORD, JACKSON, JUNEAU, LA CROSSE, MONROE, TREMPLEAU, AND VERNON COUNTIES

	Rates	Fringes
BRICKLAYER.....	\$ 33.06	22.65

* BRWI0002-002 06/01/2018

ASHLAND, BAYFIELD, DOUGLAS, AND IRON COUNTIES

	Rates	Fringes
BRICKLAYER.....	\$ 38.87	21.26

* BRWI0002-005 06/01/2018

ADAMS, ASHLAND, BARRON, BROWN, BURNETT, CALUMET, CHIPPEWA, CLARK, COLUMBIA, DODGE, DOOR, DUNN, FLORENCE, FOND DU LAC, FOREST, GREEN LAKE, IRON, JEFFERSON, KEWAUNEE, LANGLADE, LINCOLN, MANITOWOC, MARATHON, MARINETTE, MARQUETTE, MENOMINEE, OCONTO, ONEIDA, OUTAGAMIE, POLK, PORTAGE, RUSK, ST CROIX, SAUK, SHAWANO, SHEBOYGAN, TAYLOR, VILAS, WALWORTH, WAUPACA, WAUSHARA, WINNEBAGO, AND WOOD COUNTIES

	Rates	Fringes
CEMENT MASON/CONCRETE FINISHER...	\$ 35.39	21.46

* BRWI0003-002 06/01/2018

BROWN, DOOR, FLORENCE, KEWAUNEE, MARINETTE, AND OCONTO COUNTIES

	Rates	Fringes
BRICKLAYER.....	\$ 33.44	22.27

* BRWI0004-002 06/01/2018		

KENOSHA, RACINE, AND WALWORTH COUNTIES

	Rates	Fringes
BRICKLAYER.....	\$ 37.66	23.35

* BRWI0006-002 06/01/2018		

ADAMS, CLARK, FOREST, LANGLADE, LINCOLN, MARATHON, MENOMINEE, ONEIDA, PORTAGE, PRICE, TAYLOR, VILAS AND WOOD COUNTIES

	Rates	Fringes
BRICKLAYER.....	\$ 34.30	21.41

* BRWI0007-002 06/01/2018		

GREEN, LAFAYETTE, AND ROCK COUNTIES

	Rates	Fringes
BRICKLAYER.....	\$ 34.82	22.59

* BRWI0008-002 06/01/2018		

MILWAUKEE, OZAUKEE, WASHINGTON, AND WAUKESHA COUNTIES

	Rates	Fringes
BRICKLAYER.....	\$ 38.03	22.55

BRWI0011-002 06/01/2016		

CALUMET, FOND DU LAC, MANITOWOC, AND SHEBOYGAN COUNTIES

	Rates	Fringes
BRICKLAYER.....	\$ 32.22	20.57

* BRWI0019-002 06/01/2018		

BARRON, BUFFALO, BURNETT, CHIPPEWA, DUNN, EAU CLAIRE, PEPIN, PIERCE, POLK, RUSK, ST. CROIX, SAWYER AND WASHBURN COUNTIES

	Rates	Fringes
BRICKLAYER.....	\$ 32.97	22.74

* BRWI0034-002 06/01/2018		

COLUMBIA AND SAUK COUNTIES

	Rates	Fringes
BRICKLAYER.....	\$ 34.80	22.61

CARP0087-001 05/01/2016		

BURNETT (W. of Hwy 48), PIERCE (W. of Hwy 29), POLK (W. of Hwys 35, 48 & 65), AND ST. CROIX (W. of Hwy 65) COUNTIES

	Rates	Fringes
Carpenter & Piledrivermen.....	\$ 36.85	18.39

CARP0252-002 06/01/2016		

ADAMS, BARRON, BAYFIELD (Eastern 2/3), BROWN, BUFFALO, BURNETT (E. of Hwy 48), CALUMET, CHIPPEWA, CLARK, COLUMBIA, CRAWFORD, DANE, DODGE, DOOR, DUNN, EAU CLAIRE, FLORENCE (except

area bordering Michigan State Line), FOND DU LAC, FOREST, GRANT, GREEN, GREEN LAKE, IOWA, IRON, JACKSON, JEFFERSON, JUNEAU, KEWAUNEE, LA CROSSE, LAFAYETTE, LANGLADE, LINCOLN, MANITOWOC, MARATHON, MARINETTE (except N.E. corner), MARQUETTE, MENOMINEE, MONROE, OCONTO, ONEIDA, OUTAGAMIE, PEPIN, PIERCE (E. of Hwys 29 & 65), POLK (E. of Hwys 35, 48 & 65), PORTAGE, PRICE, RICHLAND, ROCK, RUSK, SAUK, SAWYER, SHAWANO, SHEBOYGAN, ST CROIX (E. of Hwy 65), TAYLOR, TREMPLEALEAU, VERNON, VILAS, WALWORTH, WASHBURN, WAUPACA, WAUSHARA, WINNEBAGO, AND WOOD COUNTIES

	Rates	Fringes
CARPENTER		
CARPENTER.....	\$ 33.56	18.00
MILLWRIGHT.....	\$ 35.08	18.35
PILEDRIIVER.....	\$ 34.12	18.00

CARP0252-010 06/01/2016		

ASHLAND COUNTY

	Rates	Fringes
Carpenters		
Carpenter.....	\$ 33.56	18.00
Millwright.....	\$ 35.08	18.35
Pile Driver.....	\$ 34.12	18.00

CARP0264-003 06/01/2016		

KENOSHA, MILWAUKEE, OZAUKEE, RACINE, WAUKESHA, AND WASHINGTON COUNTIES

	Rates	Fringes
CARPENTER.....	\$ 35.78	22.11

CARP0361-004 05/01/2018		

BAYFIELD (West of Hwy 63) AND DOUGLAS COUNTIES

	Rates	Fringes
CARPENTER.....	\$ 36.15	20.43

CARP2337-001 06/01/2016		

ZONE A: MILWAUKEE, OZAUKEE, WAUKESHA AND WASHINGTON

ZONE B: KENOSHA & RACINE

	Rates	Fringes
PILEDRIIVERMAN		
Zone A.....	\$ 31.03	22.69
Zone B.....	\$ 31.03	22.69

ELEC0014-002 06/04/2018		

ASHLAND, BARRON, BAYFIELD, BUFFALO, BURNETT, CHIPPEWA, CLARK (except Maryville, Colby, Unity, Sherman, Fremont, Lynn & Sherwood), CRAWFORD, DUNN, EAU CLAIRE, GRANT, IRON, JACKSON, LA CROSSE, MONROE, PEPIN, PIERCE, POLK, PRICE, RICHLAND, RUSK, ST CROIX, SAWYER, TAYLOR, TREMPLEALEAU, VERNON, AND WASHBURN COUNTIES

	Rates	Fringes
Electricians:.....	\$ 34.21	20.46

ELEC0014-007 06/05/2018		

REMAINING COUNTIES

Rates	Fringes

Teledata System Installer
Installer/Technician.....\$ 26.25 13.92

Low voltage construction, installation, maintenance and removal of teledata facilities (voice, data, and video) including outside plant, telephone and data inside wire, interconnect, terminal equipment, central offices, PABX, fiber optic cable and equipment, micro waves, V-SAT, bypass, CATV, WAN (wide area networks), LAN (local area networks), and ISDN (integrated systems digital network).

ELEC0127-002 06/01/2017

KENOSHA COUNTY

	Rates	Fringes
Electricians:.....	\$ 38.50	30%+10.57

ELEC0158-002 06/04/2018

BROWN, DOOR, KEWAUNEE, MANITOWOC (except Schleswig), MARINETTE (Wausaukee and area South thereof), OCONTO, MENOMINEE (East of a line 6 miles West of the West boundary of Oconto County), SHAWANO (Except Area North of Townships of Aniwa and Hutchins) COUNTIES

	Rates	Fringes
Electricians:.....	\$ 32.50	19.68

ELEC0159-003 06/01/2018

COLUMBIA, DANE, DODGE (Area West of Hwy 26, except Chester and Emmet Townships), GREEN, LAKE (except Townships of Berlin, Seneca, and St. Marie), IOWA, MARQUETTE (except Townships of Neshkoka, Crystal Lake, Newton, and Springfield), and SAUK COUNTIES

	Rates	Fringes
Electricians:.....	\$ 39.04	21.56

ELEC0219-004 06/01/2016

FLORENCE COUNTY (Townships of Aurora, Commonwealth, Fern, Florence and Homestead) AND MARINETTE COUNTY (Township of Niagara)

	Rates	Fringes
Electricians:		
Electrical contracts over \$180,000.....	\$ 32.38	18.63
Electrical contracts under \$180,000.....	\$ 30.18	18.42

ELEC0242-005 05/16/2018

DOUGLAS COUNTY

	Rates	Fringes
Electricians:.....	\$ 36.85	26.17

ELEC0388-002 06/03/2018

ADAMS, CLARK (Colby, Freemont, Lynn, Mayville, Sherman, Sherwood, Unity), FOREST, JUNEAU, LANGLADE, LINCOLN, MARATHON, MARINETTE (Beecher, Dunbar, Goodman & Pembine), MENOMINEE (Area West of a line 6 miles West of the West boundary of Oconto County), ONEIDA, PORTAGE, SHAWANO (Aniwa and Hutchins), VILAS AND WOOD COUNTIES

	Rates	Fringes

Electricians:.....	\$ 32.55	19.02

ELEC0430-002 06/01/2018

RACINE COUNTY (Except Burlington Township)

	Rates	Fringes
Electricians:.....	\$ 38.78	21.49

ELEC0494-005 06/01/2018

MILWAUKEE, OZAUKEE, WASHINGTON, AND WAUKESHA COUNTIES

	Rates	Fringes
Electricians:.....	\$ 39.31	24.69

ELEC0494-006 06/01/2018

CALUMET (Township of New Holstein), DODGE (East of Hwy 26 including Chester Township), FOND DU LAC, MANITOWOC (Schleswig), and SHEBOYGAN COUNTIES

	Rates	Fringes
Electricians:.....	\$ 33.40	22.08

ELEC0494-013 06/01/2018

DODGE (East of Hwy 26 including Chester Twp, excluding Emmet Twp), FOND DU LAC (Except Waupuin), MILWAUKEE, OZAUKEE, MANITOWOC (Schleswig), WASHINGTON, AND WAUKESHA COUNTIES

	Rates	Fringes
Sound & Communications		
Installer.....	\$ 19.56	15.78
Technician.....	\$ 28.99	16.25

Installation, testing, maintenance, operation and servicing of all sound, intercom, telephone interconnect, closed circuit TV systems, radio systems, background music systems, language laboratories, electronic carillon, antenna distribution systems, clock and program systems and low-voltage systems such as visual nurse call, audio/visual nurse call systems, doctors entrance register systems. Includes all wire and cable carrying audio, visual, data, light and radio frequency signals. Includes the installation of conduit, wiremold, or raceways in existing structures that have been occupied for six months or more where required for the protection of the wire or cable, but does not mean a complete conduit or raceway system. work covered does not include the installation of conduit, wiremold or any raceways in any new construction, or the installation of power supply outlets by means of which external electric power is supplied to any of the foregoing equipment or products

ELEC0577-003 06/01/2018

CALUMET (except Township of New Holstein), GREEN LAKE (N. part including Townships of Berlin, St Marie, and Seneca), MARQUETTE (N. part including Townships of Crystal Lake, Neshkoro, Newton, and Springfield), OUTAGAMIE, WAUPACA, WAUSHARA, AND WINNEBAGO COUNTIES

	Rates	Fringes
Electricians:.....	\$ 32.18	18.59

ELEC0890-003 06/01/2018

DODGE (Emmet Township only), GREEN, JEFFERSON, LAFAYETTE, RACINE (Burlington Township), ROCK AND WALWORTH COUNTIES

	Rates	Fringes
Electricians:.....	\$ 34.15	19.63

ELEC0953-001 07/01/2015

	Rates	Fringes
Line Construction:		
(1) Lineman.....	\$ 42.14	32% + 5.00
(2) Heavy Equipment Operator.....	\$ 40.03	32% + 5.00
(3) Equipment Operator.....	\$ 33.71	32% + 5.00
(4) Heavy Groundman Driver..	\$ 26.78	14.11
(5) Light Groundman Driver..	\$ 24.86	13.45
(6) Groundsman.....	\$ 23.18	32% + 5.00

ENGI0139-005 06/04/2018

	Rates	Fringes
Power Equipment Operator		
Group 1.....	\$ 40.72	22.10
Group 2.....	\$ 40.22	22.10
Group 3.....	\$ 39.72	22.10
Group 4.....	\$ 39.46	22.10
Group 5.....	\$ 39.17	22.10
Group 6.....	\$ 33.27	22.10

HAZARDOUS WASTE PREMIUMS:

EPA Level "A" protection - \$3.00 per hour
EPA Level "B" protection - \$2.00 per hour
EPA Level "C" protection - \$1.00 per hour

POWER EQUIPMENT OPERATORS CLASSIFICATIONS

GROUP 1: Cranes, tower cranes, and derricks with or without attachments with a lifting capacity of over 100 tons; or cranes, tower cranes, and derricks with boom, leads and/or jib lengths measuring 176 feet or longer.

GROUP 2: Cranes, tower cranes and derricks with or without attachments with a lifting capacity of 100 tons or less; or cranes, tower cranes, and derricks with boom, leads, and/or jibs lengths measuring 175 feet or under and Backhoes (excavators) weighing 130,000 lbs and over; caisson rigs; pile driver; dredge operator; dredge engineer; Boat Pilot.

GROUP 3: Mechanic or welder - Heavy duty equipment; cranes with a lifting capacity of 25 tons or under; concrete breaker (manual or remote); vibratory/sonic concrete breaker; concrete laser screed; concrete slipform paver; concrete batch plant operator; concrete pvt. spreader - heavy duty (rubber tired); concrete spreader & distributor; automatic subgrader (concrete); concrete grinder & planing machine; concrete slipform curb & gutter machine; slipform concrete placer; tube finisher; hydro blaster (10,000 psi & over); bridge paver; concrete conveyor system; concrete pump; Rotec type Conveyor; stabilizing mixer (self-propelled); shoulder widener; asphalt plant engineer; bituminous paver; bump cutter & grooving machine; milling machine; screed (bituminous paver); asphalt heater, planer & scarifier; Backhoes (excavators) weighing under 130,000 lbs; grader or motor patrol; tractor (scraper, dozer, pusher, loader); scraper - rubber tired (single or twin engine); endloader; hydraulic backhoe (tractor type); trenching machine; skid rigs; tractor, side boom (heavy); drilling or boring machine (mechanical heavy); roller over 5 tons; percussion or rotary drilling machine; air track; blaster; loading machine (conveyor); tugger; boatmen; winches & A-frames; post driver; material hoist.

GROUP 4: Greaser, roller steel (5 tons or less); roller (pneumatic tired) - self propelled; tractor (mounted or towed compactors & light equipment); shouldering machine; self-propelled chip spreader; concrete spreader; finishing machine; mechanical float; curing machine; power subgrader; joint sawer (multiple blade) belting machine; burlap machine; texturing machine; tractor endloader (rubber tired) - light; jeep digger; forklift; mulcher; launch operator; fireman, environmental burner

GROUP 5: Air compressor; power pack; vibrator hammer and
extractor; heavy equipment, leadman; tank car heaters;
stump chipper; curb machine operator; Concrete
proportioning plants; generators; mudjack operator; rock
breaker; crusher or screening plant; screed (milling
machine); automatic belt conveyor and surge bin; pug mill
operator; Oiler, pump (over 3 inches); Drilling Machine
Tender.

GROUP 6: Off-road material hauler with or without ejector.

IRON0008-002 06/01/2017

BROWN, CALUMET, DOOR, FOND DU LAC, KEWAUNEE, MANITOWOC,
MARINETTE, OCONTO, OUTAGAMI, SHAWANO, SHEBOYGAN, AND WINNEBAGO
COUNTIES:

	Rates	Fringes
IRONWORKER.....	\$ 31.24	26.97

Paid Holidays: New Year's Day, Memorial Day, July 4th, Labor
Day, Thanksgiving Day & Christmas Day.

IRON0008-003 06/01/2017

KENOSHA, MILWAUKEE, OZAUKEE, RACINE, WALWORTH (N.E. 2/3),
WASHINGTON, AND WAUKESHA COUNTIES

	Rates	Fringes
IRONWORKER.....	\$ 33.19	26.97

Paid Holidays: New Year's Day, Memorial Day, July 4th, Labor
Day, Thanksgiving Day & Christmas Day.

IRON0383-001 06/01/2017

ADAMS, COLUMBIA, CRAWFORD, DANE, DODGE, FLORENCE, FOREST,
GRANT, GREENE, (Excluding S.E. tip), GREEN LAKE, IOWA,
JEFFERSON, JUNEAU, LA CROSSE, LAFAYETTE, LANGLADE, MARATHON,
MARQUETTE, MENOMINEE, MONROE, PORTAGE, RICHLAND, ROCK (Northern
area, vicinity of Edgerton and Milton), SAUK, VERNON, WAUPACA,
WAUSHARA, AND WOOD COUNTIES

	Rates	Fringes
IRONWORKER.....	\$ 34.50	23.82

IRON0498-005 06/01/2016

GREEN (S.E. 1/3), ROCK (South of Edgerton and Milton), and
WALWORTH (S.W. 1/3) COUNTIES:

	Rates	Fringes
IRONWORKER.....	\$ 36.29	30.77

IRON0512-008 05/01/2017

BARRON, BUFFALO, CHIPPEWA, CLARK, DUNN, EAU CLAIRE, JACKSON,
PEPIN, PIERCE, POLK, RUSK, ST CROIX, TAYLOR, AND TREMPLEAU
COUNTIES

	Rates	Fringes
IRONWORKER.....	\$ 36.50	26.45

IRON0512-021 05/01/2017

ASHLAND, BAYFIELD, BURNETT, DOUGLAS, IRON, LINCOLN, ONEIDA,
PRICE, SAWYER, VILAS AND WASHBURN COUNTIES

	Rates	Fringes
IRONWORKER.....	\$ 32.04	26.45

LAB00113-002 06/04/2018

MILWAUKEE AND WAUKESHA COUNTIES

	Rates	Fringes
LABORER		
Group 1.....	\$ 27.88	21.76
Group 2.....	\$ 28.03	21.76
Group 3.....	\$ 28.23	21.76
Group 4.....	\$ 28.38	21.76
Group 5.....	\$ 28.53	21.76
Group 6.....	\$ 24.37	21.76

LABORERS CLASSIFICATIONS

GROUP 1: General Laborer; Tree Trimmer; Conduit Layer; Demolition and Wrecking Laborer; Guard Rail, Fence, and Bridge Builder; Landscaper; Multiplate Culvert Assembler; Stone Handler; Bituminous Worker (Shoveler, Loader, and Utility Man); Batch Truck Dumper or Cement Handler; Bituminous Worker (Dumper, Ironer, Smoother, and Tamper); Concrete Handler

GROUP 2: Air Tool Operator; Joint Sawyer and Filler (Pavement); Vibrator or Tamper Operator (Mechanical Hand Operated); Chain Saw Operator; Demolition Burning Torch Laborer

GROUP 3: Bituminous Worker (Raker and Luteman); Formsetter (Curb, Sidewalk, and Pavement); Strike Off Man

GROUP 4: Line and Grade Specialist

GROUP 5: Blaster and Powderman

GROUP 6: Flagperson; traffic control person

LAB00113-003 06/04/2018

OZAUKEE AND WASHINGTON COUNTIES

	Rates	Fringes
LABORER		
Group 1.....	\$ 27.13	21.76
Group 2.....	\$ 27.23	21.76
Group 3.....	\$ 27.28	21.76
Group 4.....	\$ 27.48	21.76
Group 5.....	\$ 27.33	21.76
Group 6.....	\$ 24.22	21.76

LABORERS CLASSIFICATIONS

GROUP 1: General Laborer; Tree Trimmer; Conduit Layer; Demolition and Wrecking Laborer; Guard Rail, Fence, and Bridge Builder; Landscaper; Multiplate Culvert Assembler; Stone Handler; Bituminous Worker (Shoveler, Loader, and Utility Man); Batch Truck Dumper or Cement Handler; Bituminous Worker (Dumper, Ironer, Smoother, and Tamper); Concrete Handler

GROUP 2: Air Tool Operator; Joint Sawyer and Filler (Pavement); Vibrator or Tamper Operator (Mechanical Hand Operated);

GROUP 3: Bituminous Worker (Raker and Luteman); Formsetter (Curb, Sidewalk, and Pavement); Strike Off Man

GROUP 4: Line and Grade Specialist

GROUP 5: Blaster; powderman

GROUP 6: Flagperson and Traffic Control Person

LAB00113-011 06/04/2018

KENOSHA AND RACINE COUNTIES

	Rates	Fringes
LABORER		
Group 1.....	\$ 26.94	21.76
Group 2.....	\$ 27.09	21.76
Group 3.....	\$ 27.29	21.76
Group 4.....	\$ 27.26	21.76
Group 5.....	\$ 27.59	21.76
Group 6.....	\$ 24.08	21.76

LABORERS CLASSIFICATIONS:

GROUP 1: General laborer; Tree Trimmer; Conduit Layer; Demolition and Wrecking Laborer; Guard Rail, Fence, and Bridge Builder; Landscaper; Multiplate Culvert Assembler; Stone Handler; Bituminous Worker (Shoveler, Loader, and Utility Man); Batch Truck Dumper or Cement Handler; Bituminous worker (Dumper, Ironer, Smoother, and Tamper); Concrete Handler

GROUP 2: Air Tool Operator; Joint Sawyer and Filler (Pavement); Vibrator or Tamper Operator (Mechanical Hand Operated); Chain Saw Operator; Demolition Burning Torch Laborer

GROUP 3: Bituminous Worker (Raker and Luteman); Formsetter (Curb, Sidewalk, and Pavement); Strike Off Man

GROUP 4: Line and Grade Specialist

GROUP 5: Blaster and Powderman

GROUP 6: Flagman; traffic control person

LAB00140-002 06/04/2018

ADAMS, ASHLAND, BARRON, BAYFIELD, BROWN, BUFFALO, BURNETT, CALUMET, CHIPPEWA, CLARK, COLUMBIA, CRAWFORD, DODGE, DOOR, DOUGLAS, DUNN, EAU CLAIRE, FLORENCE, FOND DU LAC, FOREST, GRANT, GREEN, GREEN LAKE, IRON, JACKSON, JUNEAU, IOWA, JEFFERSON, KEWAUNEE, LA CROSSE, LAFAYETTE, LANGLADE, LINCOLN, MANITOWOC, MARATHON, MARINETTE, MARQUETTE, MENOMINEE, MONROE, OCONTO, ONEIDA, OUTAGAMIE, PEPIN, PIERCE, POLK, PORTAGE, PRICE, RICHLAND, ROCK, RUSK, SAUK, SAWYER, SHAWANO, SHEBOYGAN, ST. CROIX, TAYLOR, TREMPLEAU, VERNON, VILLAS, WALWORTH, WASHBURN, WAUPACA, WAUSHARA, WINNEBAGO, AND WOOD COUNTIES

	Rates	Fringes
LABORER		
Group 1.....	\$ 31.80	17.20
Group 2.....	\$ 31.90	17.20
Group 3.....	\$ 31.95	17.20
Group 4.....	\$ 32.15	17.20
Group 5.....	\$ 32.00	17.20
Group 6.....	\$ 28.43	17.20

LABORER CLASSIFICATIONS

GROUP 1: General Laborer; Tree Trimmer; Conduit Layer; Demolition and Wrecking Laborer; Guard Rail, Fence, and Bridge Builder; Landscaper; Multiplate Culvert Assembler; Stone Handler; Bituminous Worker (Shoveler, Loader, and Utility Man); Batch Truck Dumper or Cement Handler; Bituminous Worker (Dumper, Ironer, Smoother and Tamper); Concrete Handler

GROUP 2: Air Tool Operator; Joint Sawyer and Filler (Pavement); Vibrator or Tamper Operator (Mechanical Hand Operated); Chain Saw Operator; Demolition Burning Torch Laborer

GROUP 3: Bituminous Worker (Raker and Luteman); Formsetter

(Curb, Sidewalk and Pavement); Strike Off Man

GROUP 4: Line and Grade Specialist

GROUP 5: Blaster; powderman

GROUP 6: Flagperson; Traffic Control

LAB00464-003 06/04/2018

DANE COUNTY

	Rates	Fringes
LABORER		
Group 1.....	\$ 32.08	17..20
Group 2.....	\$ 32.18	17..20
Group 3.....	\$ 32.23	17..20
Group 4.....	\$ 32.43	17..20
Group 5.....	\$ 32.28	17..20
Group 6.....	\$ 28.43	17..20

LABORERS CLASSIFICATIONS:

GROUP 1: General Laborer; Tree Trimmer; Conduit Layer; Demolition and Wrecking Laborer; Guard Rail, Fence, and Bridge Builder; Landscaper; Multiplate Culvert Assembler; Stone Handler; Bituminous Worker (Shoveler, Loader, and Utility Man); Batch Truck Dumper or Cement Handler; Bituminous Worker (Dumper, Ironer, Smoother, and Tamper); Concrete Handler

GROUP 2: Air Tool Operator; Joint Sawyer and Filler (Pavement); Vibrator or Tamper Operator (Mechanical Hand Operated); Chain Saw Operator; Demolition Burning Torch Laborer

GROUP 3: Bituminous Worker (Raker and Luteman); Formsetter (Curb, Sidewalk, and Pavement); Strike Off Man

GROUP 4: Line and Grade Specialist

GROUP 5: Blaster; Powderman

GROUP 6: Flagperson and Traffic Control Person

PAIN0106-008 05/01/2017

ASHLAND, BAYFIELD, BURNETT, AND DOUGLAS COUNTIES

	Rates	Fringes
Painters:		
New:		
Brush, Roller.....	\$ 30.33	17.27
Spray, Sandblast, Steel....	\$ 30.93	17.27
Repaint:		
Brush, Roller.....	\$ 28.83	17.27
Spray, Sandblast, Steel....	\$ 29.43	17.27

PAIN0108-002 06/01/2017

RACINE COUNTY

	Rates	Fringes
Painters:		
Brush, Roller.....	\$ 33.74	18.95
Spray & Sandblast.....	\$ 34.74	18.95

PAIN0259-002 05/01/2008

BARRON, CHIPPEWA, DUNN, EAU CLAIRE, PEPIN, PIERCE, POLK, RUSK, SAWYER, ST. CROIX, AND WASHBURN COUNTIES

	Rates	Fringes
PAINTER.....	\$ 24.11	12.15

PAIN0259-004 05/01/2015

BUFFALO, CRAWFORD, JACKSON, LA CROSSE, MONROE, TREMPLEAU, AND
VERNON COUNTIES

	Rates	Fringes
PAINTER.....	\$ 22.03	12.45

PAIN0781-002 06/01/2018

JEFFERSON, MILWAUKEE, OZAUKEE, WASHINGTON, AND WAUKESHA COUNTIES

	Rates	Fringes
Painters:		
Bridge.....	\$ 31.60	23.51
Brush.....	\$ 31.55	23.51
Spray & Sandblast.....	\$ 32.30	23.51

PAIN0802-002 06/01/2017

COLUMBIA, DANE, DODGE, GRANT, GREEN, IOWA, LAFAYETTE, RICHLAND,
ROCK, AND SAUK COUNTIES

	Rates	Fringes
PAINTER		
Brush.....	\$ 28.25	17.72

PREMIUM PAY:
 Structural Steel, Spray, Bridges = \$1.00 additional per
 hour.

PAIN0802-003 06/01/2017

ADAMS, BROWN, CALUMET, CLARK, DOOR, FOND DU LAC, FOREST, GREEN
LAKE, IRON, JUNEAU, KEWAUNEE, LANGLADE, LINCOLN, MANITOWOC,
MARATHON, MARINETTE, MARQUETTE, MENOMINEE, OCONTO, ONEIDA,
OUTAGAMIE, PORTAGE, PRICE, SHAWANO, SHEBOYGAN, TAYLOR, VILAS,
WAUSHARA, WAUPACA, WINNEBAGO, AND WOOD COUNTIES

	Rates	Fringes
PAINTER.....	\$ 24.89	12.05

PAIN0934-001 06/01/2017

KENOSHA AND WALWORTH COUNTIES

	Rates	Fringes
Painters:		
Brush.....	\$ 33.74	18.95
Spray.....	\$ 34.74	18.95
Structural Steel.....	\$ 33.89	18.95

PAIN1011-002 06/01/2017

FLORENCE COUNTY

	Rates	Fringes
Painters:.....	\$ 24.86	12.23

PLAS0599-010 06/01/2017

	Rates	Fringes
CEMENT MASON/CONCRETE FINISHER		
Area 1.....	\$ 39.46	17.17
Area 2 (BAC).....	\$ 35.07	19.75
Area 3.....	\$ 35.61	19.40
Area 4.....	\$ 34.70	20.51
Area 5.....	\$ 36.27	18.73
Area 6.....	\$ 32.02	22.99

AREA DESCRIPTIONS

AREA 1: BAYFIELD, DOUGLAS, PRICE, SAWYER, AND WASHBURN COUNTIES

AREA 2: ADAMS, ASHLAND, BARRON, BROWN, BURNETT, CALUMET, CHIPPEWA, CLARK, COLUMBIA, DODGE, DOOR, DUNN, FLORENCE, FOND DU LAC, FOREST, GREEN LAKE, IRON, JEFFERSON, KEWAUNEE, LANGLADE, LINCOLN, MANITOWOC, MARATHON, MARINETTE, MARQUETTE, MENOMINEE, OCONTO, ONEIDA, OUTAGAMIE, POLK, PORTAGE, RUSK, ST CROIX, SAUK, SHAWANO, SHEBOYGAN, TAYLOR, VILAS, WALWORTH, WAUPACA, WAUSHARA, WINNEBAGO, AND WOOD COUNTIES

AREA 3: BUFFALO, CRAWFORD, EAU CLAIRE, JACKSON, JUNEAU, LA CROSSE MONROE, PEPIN, PIERCE, RICHLAND, TREMPÉALEAU, AND VERNON COUNTIES

AREA 4: MILWAUKEE, OZAUKEE, WASHINGTON, AND WAUKESHA COUNTIES

AREA 5: DANE, GRANT, GREEN, IOWA, LAFAYETTE, AND ROCK COUNTIES

AREA 6: KENOSHA AND RACINE COUNTIES

	Rates	Fringes
TRUCK DRIVER		
1 & 2 Axles.....	\$ 28.12	21.20
3 or more Axles; Euclids Dumptor & Articulated, Truck Mechanic.....	\$ 28.27	21.20

WELL DRILLER.....	\$ 16.52	3.70

WELDERS - Receive rate prescribed for craft performing operation to which welding is incidental.

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Note: Executive Order (EO) 13706, Establishing Paid Sick Leave for Federal Contractors applies to all contracts subject to the Davis-Bacon Act for which the contract is awarded (and any solicitation was issued) on or after January 1, 2017. If this contract is covered by the EO, the contractor must provide employees with 1 hour of paid sick leave for every 30 hours they work, up to 56 hours of paid sick leave each year. Employees must be permitted to use paid sick leave for their own illness, injury or other health-related needs, including preventive care; to assist a family member (or person who is like family to the employee) who is ill, injured, or has other health-related needs, including preventive care; or for reasons resulting from, or to assist a family member (or person who is like family to the employee) who is a victim of, domestic violence, sexual assault, or stalking. Additional information on contractor requirements and worker protections under the EO is available at www.dol.gov/whd/govcontracts.

Unlisted classifications needed for work not included within the scope of the classifications listed may be added after award only as provided in the labor standards contract clauses (29CFR 5.5 (a) (1) (ii)).

The body of each wage determination lists the classification and wage rates that have been found to be prevailing for the cited type(s) of construction in the area covered by the wage determination. The classifications are listed in alphabetical order of "identifiers" that indicate whether the particular rate is a union rate (current union negotiated rate for local), a survey rate (weighted average rate) or a union average rate (weighted union average rate).

Union Rate Identifiers

A four letter classification abbreviation identifier enclosed in dotted lines beginning with characters other than "SU" or "UAVG" denotes that the union classification and rate were prevailing for that classification in the survey. Example: PLUM0198-005 07/01/2014. PLUM is an abbreviation identifier of the union which prevailed in the survey for this classification, which in this example would be Plumbers. 0198 indicates the local union number or district council number where applicable, i.e., Plumbers Local 0198. The next number, 005 in the example, is an internal number used in processing the wage determination. 07/01/2014 is the effective date of the most current negotiated rate, which in this example is July 1, 2014.

Union prevailing wage rates are updated to reflect all rate changes in the collective bargaining agreement (CBA) governing this classification and rate.

Survey Rate Identifiers

Classifications listed under the "SU" identifier indicate that no one rate prevailed for this classification in the survey and the published rate is derived by computing a weighted average rate based on all the rates reported in the survey for that classification. As this weighted average rate includes all rates reported in the survey, it may include both union and non-union rates. Example: SULA2012-007 5/13/2014. SU indicates the rates are survey rates based on a weighted average calculation of rates and are not majority rates. LA indicates the State of Louisiana. 2012 is the year of survey on which these classifications and rates are based. The next number, 007 in the example, is an internal number used in producing the wage determination. 5/13/2014 indicates the survey completion date for the classifications and rates under that identifier.

Survey wage rates are not updated and remain in effect until a new survey is conducted.

Union Average Rate Identifiers

Classification(s) listed under the UAVG identifier indicate that no single majority rate prevailed for those classifications; however, 100% of the data reported for the classifications was union data. EXAMPLE: UAVG-OH-0010 08/29/2014. UAVG indicates that the rate is a weighted union average rate. OH indicates the state. The next number, 0010 in the example, is an internal number used in producing the wage determination. 08/29/2014 indicates the survey completion date for the classifications and rates under that identifier.

A UAVG rate will be updated once a year, usually in January of each year, to reflect a weighted average of the current negotiated/CBA rate of the union locals from which the rate is based.

----- WAGE DETERMINATION APPEALS PROCESS

1.) Has there been an initial decision in the matter? This can be:

- * an existing published wage determination
- * a survey underlying a wage determination
- * a Wage and Hour Division letter setting forth a position on a wage determination matter
- * a conformance (additional classification and rate) ruling

On survey related matters, initial contact, including requests for summaries of surveys, should be with the Wage and Hour Regional Office for the area in which the survey was conducted because those Regional Offices have responsibility for the Davis-Bacon survey program. If the response from this initial contact is not satisfactory, then the process described in 2.) and 3.) should be followed.

With regard to any other matter not yet ripe for the formal process described here, initial contact should be with the Branch of Construction Wage Determinations. Write to:

Branch of Construction Wage Determinations
Wage and Hour Division
U.S. Department of Labor
200 Constitution Avenue, N.W.
Washington, DC 20210

2.) If the answer to the question in 1.) is yes, then an interested party (those affected by the action) can request review and reconsideration from the Wage and Hour Administrator (See 29 CFR Part 1.8 and 29 CFR Part 7). Write to:

Wage and Hour Administrator
U.S. Department of Labor
200 Constitution Avenue, N.W.
Washington, DC 20210

The request should be accompanied by a full statement of the interested party's position and by any information (wage payment data, project description, area practice material, etc.) that the requestor considers relevant to the issue.

3.) If the decision of the Administrator is not favorable, an interested party may appeal directly to the Administrative Review Board (formerly the Wage Appeals Board). Write to:

Administrative Review Board
U.S. Department of Labor
200 Constitution Avenue, N.W.
Washington, DC 20210

4.) All decisions by the Administrative Review Board are final.

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END OF GENERAL DECISION

August 2018

NOTICE TO BIDDERS WAGE RATE DECISION

The wage rate decision of the Department of Labor which has been incorporated in these advertised specifications is incomplete in that the classifications may be omitted from the Department of Labor's decision.

Since the bidder is responsible, independently, for ascertaining area practice with respect to the necessity, or lack of necessity, for the use of these classifications in the prosecution of the work contemplated by this project, no inference may be drawn from the omission of these classifications concerning prevailing area practices relative to their use. Further, this omission will not, per se, be construed as establishing any governmental liability for increased labor cost if it is subsequently determined that such classifications are required.

There may be omissions and/or errors in the federal wage rates. The bidder is responsible for evaluating and determining the correct applicable rate.

If a project includes multiple types of construction (highway, bridge over navigable water, sanitary sewer and water main, building) and there is not a separate wage determination for this type of work included in the proposal, use the wage determination that is in the proposal.

If a project includes multiple types of construction, different wage rate determinations may be inserted into the contract (WI10/Highway = in all WisDOT highway contracts, WI15/Heavy = bridge over navigable water per USDOL and US Coast Guard designation, WI8/Heavy (Sewer & Water Line & Tunnel) = sanitary sewer and water main if the cost is more than 20% of the contract and/or at least \$1,000,000, and Building). If multiple wage rate determinations are inserted into the contract, use the classification in the wage determination for the work being done. Use WI15 wage rates when working on the bridge and/or structure from bank to bank. Use WI8 wage rates when working on any sanitary sewer or water main work. Use Building wage rates for all work done within the footprint of the building. Use WI10 wage rates for all other highway work in the contract and approaches to structures. For example, if a laborer is working within the footprint of a building, use the Laborer rate in the Building wage determination inserted in the contract. If a laborer is working on a bridge/structure within the banks, use the Laborer rate in the WI15/Heavy wage determination if inserted in the contract. If the laborer is working on the highway, use the Laborer rate in the WI10/Highway wage determination.



Proposal Schedule of Items

Page 1 of 17

Proposal ID: 20190312038 Project(s): 4987-02-65

Federal ID(s): WISC 2019171

SECTION: 0001

Contract Items

Alt Set ID:

Alt Mbr ID:

Proposal Line Number	Item ID Description	Approximate Quantity and Units	Unit Price	Bid Amount
0002	201.0120 Clearing	875.000 ID	_____.	_____.
0004	201.0220 Grubbing	875.000 ID	_____.	_____.
0006	204.0100 Removing Pavement	30,040.000 SY	_____.	_____.
0008	204.0150 Removing Curb & Gutter	1,090.000 LF	_____.	_____.
0010	204.0155 Removing Concrete Sidewalk	4,100.000 SY	_____.	_____.
0012	204.0195 Removing Concrete Bases	10.000 EACH	_____.	_____.
0014	204.0210 Removing Manholes	20.000 EACH	_____.	_____.
0016	204.0220 Removing Inlets	55.000 EACH	_____.	_____.
0018	204.0245 Removing Storm Sewer (size) 01. 8-Inch to 12-Inch	3,080.000 LF	_____.	_____.
0020	204.0245 Removing Storm Sewer (size) 02. 15-Inch	735.000 LF	_____.	_____.
0022	204.0245 Removing Storm Sewer (size) 03. 18-Inch	540.000 LF	_____.	_____.
0024	204.0245 Removing Storm Sewer (size) 04. 21-Inch	80.000 LF	_____.	_____.
0026	204.0245 Removing Storm Sewer (size) 04. 24-Inch	245.000 LF	_____.	_____.
0028	204.0245 Removing Storm Sewer (size) 05. 30-Inch	435.000 LF	_____.	_____.
0030	204.0245 Removing Storm Sewer (size) 07. 48-Inch	260.000 LF	_____.	_____.



Proposal Schedule of Items

Page 2 of 17

Proposal ID: 20190312038 Project(s): 4987-02-65

Federal ID(s): WISC 2019171

SECTION: 0001

Contract Items

Alt Set ID:

Alt Mbr ID:

Proposal Line Number	Item ID Description	Approximate Quantity and Units	Unit Price	Bid Amount
0032	204.0280 Sealing Pipes	10.000 EACH	_____.	_____.
0034	205.0100 Excavation Common	29,210.000 CY	_____.	_____.
0036	213.0100 Finishing Roadway (project) 01. 4987-02-65	1.000 EACH	_____.	_____.
0038	305.0110 Base Aggregate Dense 3/4-Inch	10.000 TON	_____.	_____.
0040	305.0120 Base Aggregate Dense 1 1/4-Inch	18,185.000 TON	_____.	_____.
0042	305.0130 Base Aggregate Dense 3-Inch	17,500.000 TON	_____.	_____.
0044	405.0200 Coloring Concrete Custom	338.000 CY	_____.	_____.
0046	415.0085 Concrete Pavement 8 1/2-Inch	27,780.000 SY	_____.	_____.
0048	415.0210 Concrete Pavement Gaps	2.000 EACH	_____.	_____.
0050	415.1085 Concrete Pavement HES 8 1/2-Inch	2,160.000 SY	_____.	_____.
0052	415.4100 Concrete Pavement Joint Filling	32,200.000 SY	_____.	_____.
0054	415.5110.S Concrete Pavement Joint Layout	1.000 LS	_____.	_____.
0056	416.0160 Concrete Driveway 6-Inch	300.000 SY	_____.	_____.
0058	416.0180 Concrete Driveway 8-Inch	265.000 SY	_____.	_____.
0060	416.0280 Concrete Driveway HES 8-Inch	85.000 SY	_____.	_____.
0062	416.0610 Drilled Tie Bars	94.000 EACH	_____.	_____.



Proposal Schedule of Items

Page 3 of 17

Proposal ID: 20190312038 Project(s): 4987-02-65

Federal ID(s): WISC 2019171

SECTION: 0001

Contract Items

Alt Set ID:

Alt Mbr ID:

Proposal Line Number	Item ID Description	Approximate Quantity and Units	Unit Price	Bid Amount
0064	416.0620 Drilled Dowel Bars	242.000 EACH	_____.	_____.
0066	416.1010 Concrete Surface Drains	76.000 CY	_____.	_____.
0068	450.4000 HMA Cold Weather Paving	40.000 TON	_____.	_____.
0070	455.0605 Tack Coat	305.000 GAL	_____.	_____.
0072	460.2000 Incentive Density HMA Pavement	605.000 DOL	1.00000	605.00
0074	460.5224 HMA Pavement 4 LT 58-28 S	780.000 TON	_____.	_____.
0076	460.6223 HMA Pavement 3 MT 58-28 S	120.000 TON	_____.	_____.
0078	460.6224 HMA Pavement 4 MT 58-28 S	45.000 TON	_____.	_____.
0080	465.0105 Asphaltic Surface	725.000 TON	_____.	_____.
0082	465.0120 Asphaltic Surface Driveways and Field Entrances	45.000 TON	_____.	_____.
0084	465.0125 Asphaltic Surface Temporary	575.000 TON	_____.	_____.
0086	520.8000 Concrete Collars for Pipe	13.000 EACH	_____.	_____.
0088	601.0411 Concrete Curb & Gutter 30-Inch Type D	225.000 LF	_____.	_____.
0090	601.0452 Concrete Curb & Gutter Integral 30-Inch Type D	8,870.000 LF	_____.	_____.
0092	602.0405 Concrete Sidewalk 4-Inch	19,040.000 SF	_____.	_____.
0094	602.0515 Curb Ramp Detectable Warning Field Natural Patina	790.000 SF	_____.	_____.



Proposal Schedule of Items

Page 4 of 17

Proposal ID: 20190312038 Project(s): 4987-02-65

Federal ID(s): WISC 2019171

SECTION: 0001

Contract Items

Alt Set ID:

Alt Mbr ID:

Proposal Line Number	Item ID Description	Approximate Quantity and Units	Unit Price	Bid Amount
0096	602.0615 Curb Ramp Detectable Warning Field Radial Natural Patina	25.000 SF	_____.	_____.
0098	602.2400 Concrete Safety Islands	345.000 SF	_____.	_____.
0100	606.0200 Riprap Medium	19.000 CY	_____.	_____.
0102	608.0315 Storm Sewer Pipe Reinforced Concrete Class III 15-Inch	148.000 LF	_____.	_____.
0104	608.0324 Storm Sewer Pipe Reinforced Concrete Class III 24-Inch	413.000 LF	_____.	_____.
0106	608.0336 Storm Sewer Pipe Reinforced Concrete Class III 36-Inch	227.000 LF	_____.	_____.
0108	608.0342 Storm Sewer Pipe Reinforced Concrete Class III 42-Inch	323.000 LF	_____.	_____.
0110	608.0354 Storm Sewer Pipe Reinforced Concrete Class III 54-Inch	239.000 LF	_____.	_____.
0112	608.0412 Storm Sewer Pipe Reinforced Concrete Class IV 12-Inch	349.000 LF	_____.	_____.
0114	608.0418 Storm Sewer Pipe Reinforced Concrete Class IV 18-Inch	158.000 LF	_____.	_____.
0116	608.0424 Storm Sewer Pipe Reinforced Concrete Class IV 24-Inch	124.000 LF	_____.	_____.
0118	608.2319 Storm Sewer Pipe Reinforced Concrete Horizontal Elliptical Class HE-III 19x30-Inch	624.000 LF	_____.	_____.
0120	608.2324 Storm Sewer Pipe Reinforced Concrete Horizontal Elliptical Class HE-III 24x38-Inch	504.000 LF	_____.	_____.



Proposal Schedule of Items

Page 5 of 17

Proposal ID: 20190312038 Project(s): 4987-02-65

Federal ID(s): WISC 2019171

SECTION: 0001

Contract Items

Alt Set ID:

Alt Mbr ID:

Proposal Line Number	Item ID Description	Approximate Quantity and Units	Unit Price	Bid Amount
0122	608.2329 Storm Sewer Pipe Reinforced Concrete Horizontal Elliptical Class HE-III 29x45-Inch	473.000 LF	_____.	_____.
0124	608.2334 Storm Sewer Pipe Reinforced Concrete Horizontal Elliptical Class HE-III 34x53-Inch	71.000 LF	_____.	_____.
0126	608.2419 Storm Sewer Pipe Reinforced Concrete Horizontal Elliptical Class HE-IV 19x30-Inch	136.000 LF	_____.	_____.
0128	608.2424 Storm Sewer Pipe Reinforced Concrete Horizontal Elliptical Class HE-IV 24x38-Inch	283.000 LF	_____.	_____.
0130	608.2429 Storm Sewer Pipe Reinforced Concrete Horizontal Elliptical Class HE-IV 29x45-Inch	348.000 LF	_____.	_____.
0132	611.8120.S Cover Plates Temporary	2.000 EACH	_____.	_____.
0134	612.0406 Pipe Underdrain Wrapped 6-Inch	720.000 LF	_____.	_____.
0136	612.0902.S Insulation Board Polystyrene (inch) 01.2-Inch	100.000 SY	_____.	_____.
0138	619.1000 Mobilization	1.000 EACH	_____.	_____.
0140	620.0300 Concrete Median Sloped Nose	542.000 SF	_____.	_____.
0142	623.0200 Dust Control Surface Treatment	50,000.000 SY	_____.	_____.
0144	624.0100 Water	458.000 MGAL	_____.	_____.
0146	625.0100 Topsoil	23,000.000 SY	_____.	_____.



Proposal Schedule of Items

Page 6 of 17

Proposal ID: 20190312038 Project(s): 4987-02-65

Federal ID(s): WISC 2019171

SECTION: 0001

Contract Items

Alt Set ID:

Alt Mbr ID:

Proposal Line Number	Item ID Description	Approximate Quantity and Units	Unit Price	Bid Amount
0148	627.0200 Mulching	2,500.000 SY	_____.	_____.
0150	628.1504 Silt Fence	870.000 LF	_____.	_____.
0152	628.1520 Silt Fence Maintenance	1,740.000 LF	_____.	_____.
0154	628.1905 Mobilizations Erosion Control	10.000 EACH	_____.	_____.
0156	628.1910 Mobilizations Emergency Erosion Control	6.000 EACH	_____.	_____.
0158	628.2004 Erosion Mat Class I Type B	95.000 SY	_____.	_____.
0160	628.2006 Erosion Mat Urban Class I Type A	13,560.000 SY	_____.	_____.
0162	628.2037 Erosion Mat Class III Type C	95.000 SY	_____.	_____.
0164	628.7005 Inlet Protection Type A	100.000 EACH	_____.	_____.
0166	628.7010 Inlet Protection Type B	35.000 EACH	_____.	_____.
0168	628.7015 Inlet Protection Type C	85.000 EACH	_____.	_____.
0170	628.7020 Inlet Protection Type D	35.000 EACH	_____.	_____.
0172	628.7560 Tracking Pads	10.000 EACH	_____.	_____.
0174	629.0210 Fertilizer Type B	18.000 CWT	_____.	_____.
0176	630.0140 Seeding Mixture No. 40	108.000 LB	_____.	_____.
0178	630.0200 Seeding Temporary	50.000 LB	_____.	_____.
0180	631.0300 Sod Water	393.000 MGAL	_____.	_____.



Proposal Schedule of Items

Page 7 of 17

Proposal ID: 20190312038 Project(s): 4987-02-65

Federal ID(s): WISC 2019171

SECTION: 0001

Contract Items

Alt Set ID:

Alt Mbr ID:

Proposal Line Number	Item ID Description	Approximate Quantity and Units	Unit Price	Bid Amount
0182	631.1000 Sod Lawn	9,500.000 SY	_____.	_____.
0184	643.0300 Traffic Control Drums	43,678.000 DAY	_____.	_____.
0186	643.0410 Traffic Control Barricades Type II	9,082.000 DAY	_____.	_____.
0188	643.0420 Traffic Control Barricades Type III	15,130.000 DAY	_____.	_____.
0190	643.0500 Traffic Control Flexible Tubular Marker Posts	290.000 EACH	_____.	_____.
0192	643.0600 Traffic Control Flexible Tubular Marker Bases	290.000 EACH	_____.	_____.
0194	643.0705 Traffic Control Warning Lights Type A	14,706.000 DAY	_____.	_____.
0196	643.0715 Traffic Control Warning Lights Type C	12,518.000 DAY	_____.	_____.
0198	643.0800 Traffic Control Arrow Boards	317.000 DAY	_____.	_____.
0200	643.0900 Traffic Control Signs	30,579.000 DAY	_____.	_____.
0202	643.1000 Traffic Control Signs Fixed Message	108.000 SF	_____.	_____.
0204	643.1050 Traffic Control Signs PCMS	98.000 DAY	_____.	_____.
0206	643.5000 Traffic Control	1.000 EACH	_____.	_____.
0208	644.1410.S Temporary Pedestrian Surface Asphalt	4,500.000 SF	_____.	_____.
0210	644.1616.S Temporary Pedestrian Safety Fence	400.000 LF	_____.	_____.
0212	645.0120 Geotextile Type HR	38.000 SY	_____.	_____.



Proposal Schedule of Items

Page 8 of 17

Proposal ID: 20190312038 Project(s): 4987-02-65

Federal ID(s): WISC 2019171

SECTION: 0001

Contract Items

Alt Set ID:

Alt Mbr ID:

Proposal Line Number	Item ID Description	Approximate Quantity and Units	Unit Price	Bid Amount
0214	645.0130 Geotextile Type R	100.000 SY	_____.	_____.
0216	645.0140 Geotextile Type SAS	2,500.000 SY	_____.	_____.
0218	645.0220 Geogrid Type SR	12,000.000 SY	_____.	_____.
0220	646.1020 Marking Line Epoxy 4-Inch	9,260.000 LF	_____.	_____.
0222	646.3020 Marking Line Epoxy 8-Inch	495.000 LF	_____.	_____.
0224	646.5020 Marking Arrow Epoxy	53.000 EACH	_____.	_____.
0226	646.5120 Marking Word Epoxy	7.000 EACH	_____.	_____.
0228	646.5220 Marking Symbol Epoxy	41.000 EACH	_____.	_____.
0230	646.5320 Marking Railroad Crossings Epoxy	4.000 EACH	_____.	_____.
0232	646.6120 Marking Stop Line Epoxy 18-Inch	270.000 LF	_____.	_____.
0234	646.7120 Marking Diagonal Epoxy 12-Inch	12.000 LF	_____.	_____.
0236	646.7420 Marking Crosswalk Epoxy Transverse Line 6-Inch	3,533.000 LF	_____.	_____.
0238	646.8120 Marking Curb Epoxy	160.000 LF	_____.	_____.
0240	646.8220 Marking Island Nose Epoxy	19.000 EACH	_____.	_____.
0242	646.9010 Marking Removal Line Water Blasting 4-Inch	550.000 LF	_____.	_____.
0244	646.9200 Marking Removal Line Wide	22.000 LF	_____.	_____.



Proposal Schedule of Items

Page 9 of 17

Proposal ID: 20190312038 Project(s): 4987-02-65

Federal ID(s): WISC 2019171

SECTION: 0001

Contract Items

Alt Set ID:

Alt Mbr ID:

Proposal Line Number	Item ID Description	Approximate Quantity and Units	Unit Price	Bid Amount
0246	649.0105 Temporary Marking Line Paint 4-Inch	9,900.000 LF	_____.	_____.
0248	649.0150 Temporary Marking Line Removable Tape 4-Inch	12,200.000 LF	_____.	_____.
0250	649.0250 Temporary Marking Line Removable Tape 8-Inch	100.000 LF	_____.	_____.
0252	650.4000 Construction Staking Storm Sewer	106.000 EACH	_____.	_____.
0254	650.4500 Construction Staking Subgrade	10,104.000 LF	_____.	_____.
0256	650.5000 Construction Staking Base	622.000 LF	_____.	_____.
0258	650.5500 Construction Staking Curb Gutter and Curb & Gutter	1,163.000 LF	_____.	_____.
0260	650.7000 Construction Staking Concrete Pavement	9,654.000 LF	_____.	_____.
0262	650.8500 Construction Staking Electrical Installations (project) 01. 4987-02-65	LS	LUMP SUM	_____.
0264	650.9910 Construction Staking Supplemental Control (project) 01. 4987-02-65	LS	LUMP SUM	_____.
0266	650.9920 Construction Staking Slope Stakes	10,104.000 LF	_____.	_____.
0268	652.0225 Conduit Rigid Nonmetallic Schedule 40 2-Inch	10,601.000 LF	_____.	_____.
0270	652.0235 Conduit Rigid Nonmetallic Schedule 40 3-Inch	1,160.000 LF	_____.	_____.
0272	653.0905 Removing Pull Boxes	6.000 EACH	_____.	_____.
0274	654.0101 Concrete Bases Type 1	8.000 EACH	_____.	_____.



Proposal Schedule of Items

Page 10 of 17

Proposal ID: 20190312038 Project(s): 4987-02-65

Federal ID(s): WISC 2019171

SECTION: 0001

Contract Items

Alt Set ID:

Alt Mbr ID:

Proposal Line Number	Item ID Description	Approximate Quantity and Units	Unit Price	Bid Amount
0276	655.0230 Cable Traffic Signal 5-14 AWG	655.000 LF	_____.	_____.
0278	655.0240 Cable Traffic Signal 7-14 AWG	246.000 LF	_____.	_____.
0280	655.0260 Cable Traffic Signal 12-14 AWG	309.000 LF	_____.	_____.
0282	655.0270 Cable Traffic Signal 15-14 AWG	329.000 LF	_____.	_____.
0284	655.0290 Cable Traffic Signal 21-14 AWG	1,360.000 LF	_____.	_____.
0286	655.0320 Cable Type UF 2-10 AWG Grounded	1,767.000 LF	_____.	_____.
0288	655.0515 Electrical Wire Traffic Signals 10 AWG	1,155.000 LF	_____.	_____.
0290	655.0610 Electrical Wire Lighting 12 AWG	8,676.000 LF	_____.	_____.
0292	655.0625 Electrical Wire Lighting 6 AWG	11,125.000 LF	_____.	_____.
0294	655.0630 Electrical Wire Lighting 4 AWG	32,335.000 LF	_____.	_____.
0296	655.0700 Loop Detector Lead In Cable	48.000 LF	_____.	_____.
0298	657.0100 Pedestal Bases	8.000 EACH	_____.	_____.
0300	657.0425 Traffic Signal Standards Aluminum 15-FT	4.000 EACH	_____.	_____.
0302	657.0430 Traffic Signal Standards Aluminum 10-FT	4.000 EACH	_____.	_____.
0304	658.0173 Traffic Signal Face 3S 12-Inch	12.000 EACH	_____.	_____.
0306	658.0174 Traffic Signal Face 4S 12-Inch	8.000 EACH	_____.	_____.
0308	658.0416 Pedestrian Signal Face 16-Inch	8.000 EACH	_____.	_____.



Proposal Schedule of Items

Page 11 of 17

Proposal ID: 20190312038 Project(s): 4987-02-65

Federal ID(s): WISC 2019171

SECTION: 0001

Contract Items

Alt Set ID:

Alt Mbr ID:

Proposal Line Number	Item ID Description	Approximate Quantity and Units	Unit Price	Bid Amount
0310	658.0500 Pedestrian Push Buttons	8.000 EACH	_____.	_____.
0312	658.5069 Signal Mounting Hardware (location) 01. University Ave & Webster Ave	LS	LUMP SUM	_____.
0314	690.0150 Sawing Asphalt	739.000 LF	_____.	_____.
0316	690.0250 Sawing Concrete	2,254.000 LF	_____.	_____.
0318	715.0415 Incentive Strength Concrete Pavement	8,937.000 DOL	1.00000	8,937.00
0320	715.0710 Optimized Aggregate Gradation Incentive	27,037.000 DOL	1.00000	27,037.00
0322	740.0440 Incentive IRI Ride	6,730.000 DOL	1.00000	6,730.00
0324	ASP.1T0A On-the-Job Training Apprentice at \$5.00/HR	2,100.000 HRS	5.00000	10,500.00
0326	ASP.1T0G On-the-Job Training Graduate at \$5.00/HR	2,400.000 HRS	5.00000	12,000.00
0328	SPV.0045 Special 01. Temporary Crosswalk Access	240.000 DAY	_____.	_____.
0330	SPV.0060 Special 01. Manhole Covers Type GB-J	22.000 EACH	_____.	_____.
0332	SPV.0060 Special 02. Inlet Covers Type GB-H	61.000 EACH	_____.	_____.
0334	SPV.0060 Special 03. Inlet Covers Type GB-C	24.000 EACH	_____.	_____.
0336	SPV.0060 Special 04. Inlet Covers Type GB-CSH	3.000 EACH	_____.	_____.
0338	SPV.0060 Special 05. Inlets GB 2x3-FT	58.000 EACH	_____.	_____.
0340	SPV.0060 Special 06. Inlets GB 2.5-FT	24.000 EACH	_____.	_____.



Proposal Schedule of Items

Page 12 of 17

Proposal ID: 20190312038 Project(s): 4987-02-65

Federal ID(s): WISC 2019171

SECTION: 0001

Contract Items

Alt Set ID:

Alt Mbr ID:

Proposal Line Number	Item ID Description	Approximate Quantity and Units	Unit Price	Bid Amount
0342	SPV.0060 Special 07. Inlets GB 4-FT	2.000 EACH	_____.	_____.
0344	SPV.0060 Special 08. Inlets GB 5-FT	1.000 EACH	_____.	_____.
0346	SPV.0060 Special 09. Inlets GB 7-FT	1.000 EACH	_____.	_____.
0348	SPV.0060 Special 10. Inlets GB 4x6-FT	2.000 EACH	_____.	_____.
0350	SPV.0060 Special 11. Manholes GB 4-FT	5.000 EACH	_____.	_____.
0352	SPV.0060 Special 12. Manholes GB 5-FT	4.000 EACH	_____.	_____.
0354	SPV.0060 Special 13. Manholes GB 6-FT	5.000 EACH	_____.	_____.
0356	SPV.0060 Special 14. Manholes GB 7-FT	2.000 EACH	_____.	_____.
0358	SPV.0060 Special 15. Manholes GB 8-FT	4.000 EACH	_____.	_____.
0360	SPV.0060 Special 16. Storm Sewer Tap 24x10-Inch	1.000 EACH	_____.	_____.
0362	SPV.0060 Special 17. Storm Sewer Tap 24x12-Inch	5.000 EACH	_____.	_____.
0364	SPV.0060 Special 18. Storm Sewer Tap 36x12-Inch	2.000 EACH	_____.	_____.
0366	SPV.0060 Special 19. Storm Sewer Tap 42x12-Inch	4.000 EACH	_____.	_____.
0368	SPV.0060 Special 20. Storm Sewer Tap 54x12-Inch	3.000 EACH	_____.	_____.
0370	SPV.0060 Special 21. Storm Sewer Tap (19x30)x10-Inch	1.000 EACH	_____.	_____.
0372	SPV.0060 Special 22. Storm Sewer Tap (19x30)x12-Inch	13.000 EACH	_____.	_____.



Proposal Schedule of Items

Page 13 of 17

Proposal ID: 20190312038 Project(s): 4987-02-65

Federal ID(s): WISC 2019171

SECTION: 0001

Contract Items

Alt Set ID:

Alt Mbr ID:

Proposal Line Number	Item ID Description	Approximate Quantity and Units	Unit Price	Bid Amount
0374	SPV.0060 Special 23. Storm Sewer Tap (24x38)x12-Inch	11.000 EACH	_____.	_____.
0376	SPV.0060 Special 24. Storm Sewer Tap (29x45)x12-Inch	10.000 EACH	_____.	_____.
0378	SPV.0060 Special 25. Storm Sewer Tap (34x53)x12-Inch	2.000 EACH	_____.	_____.
0380	SPV.0060 Special 26. Backflow Preventer	2.000 EACH	_____.	_____.
0382	SPV.0060 Special 27. Temporary Storm Sewer Connection	6.000 EACH	_____.	_____.
0384	SPV.0060 Special 28. Install Inlet Covers	8.000 EACH	_____.	_____.
0386	SPV.0060 Special 29. Adjusting Sanitary Manhole Cover	23.000 EACH	_____.	_____.
0388	SPV.0060 Special 30. Adjusting Storm Sewer Manhole Covers	5.000 EACH	_____.	_____.
0390	SPV.0060 Special 31. Adjusting Inlet Covers	2.000 EACH	_____.	_____.
0392	SPV.0060 Special 32. Adjusting Water Valve Boxes	29.000 EACH	_____.	_____.
0394	SPV.0060 Special 33. Adjusting Water Curb Boxes	22.000 EACH	_____.	_____.
0396	SPV.0060 Special 34. Utility Line Openings	10.000 EACH	_____.	_____.
0398	SPV.0060 Special 35. Rotate Sanitary Manhole Cone	1.000 EACH	_____.	_____.
0400	SPV.0060 Special 36. Storm Sewer Tap Inlet	2.000 EACH	_____.	_____.
0402	SPV.0060 Special 37. Concrete Inlet Bottom Smith Street	2.000 EACH	_____.	_____.



Proposal Schedule of Items

Page 14 of 17

Proposal ID: 20190312038 Project(s): 4987-02-65

Federal ID(s): WISC 2019171

SECTION: 0001

Contract Items

Alt Set ID:

Alt Mbr ID:

Proposal Line Number	Item ID Description	Approximate Quantity and Units	Unit Price	Bid Amount
0404	SPV.0060 Special 50. Pull Boxes Polymer Concrete 17x30x34 Inch	6.000 EACH	_____.	_____.
0406	SPV.0060 Special 51. Pull Boxes Polymer Concrete 24x36x36 Inch	4.000 EACH	_____.	_____.
0408	SPV.0060 Special 52. Concrete Bases Type 2 Special	45.000 EACH	_____.	_____.
0410	SPV.0060 Special 53. Concrete Bases Type 4 Special	4.000 EACH	_____.	_____.
0412	SPV.0060 Special 54. Monotube Pole T4 With 40- FT Arm	3.000 EACH	_____.	_____.
0414	SPV.0060 Special 55. Monotube Pole T4 With 45- FT Arm	1.000 EACH	_____.	_____.
0416	SPV.0060 Special 56. Traffic Signal Controller	1.000 EACH	_____.	_____.
0418	SPV.0060 Special 57. Controller Cabinet 8-Phase TS-2 Ethernet	1.000 EACH	_____.	_____.
0420	SPV.0060 Special 58. Traffic Signal Ground Sleeve	1.000 EACH	_____.	_____.
0422	SPV.0060 Special 59. Pole Type 2 30-FT	45.000 EACH	_____.	_____.
0424	SPV.0060 Special 60. Luminaire Arm Special 6 ft	45.000 EACH	_____.	_____.
0426	SPV.0060 Special 61. Luminaire Roadway	49.000 EACH	_____.	_____.
0428	SPV.0060 Special 62. Electrical Service Meter Breaker Pedestal	2.000 EACH	_____.	_____.
0430	SPV.0060 Special 63. Street Light Photo Control 120 V	2.000 EACH	_____.	_____.



Proposal Schedule of Items

Page 15 of 17

Proposal ID: 20190312038 Project(s): 4987-02-65

Federal ID(s): WISC 2019171

SECTION: 0001

Contract Items

Alt Set ID:

Alt Mbr ID:

Proposal Line Number	Item ID Description	Approximate Quantity and Units	Unit Price	Bid Amount
0432	SPV.0075 Special 01. Street Sweeping	50.000 HRS	_____.	_____.
0434	SPV.0085 Special 01. Low Maintenance Seed Mix	132.000 LB	_____.	_____.
0436	SPV.0090 Special 01. Concrete Curb and Gutter 18-Inch Type A Special	7,500.000 LF	_____.	_____.
0438	SPV.0090 Special 02. Concrete Curb and Gutter 24-Inch Type D	844.000 LF	_____.	_____.
0440	SPV.0090 Special 03. Concrete Curb and Gutter Integral HES 30-Inch Type D	315.000 LF	_____.	_____.
0442	SPV.0090 Special 04. Storm Sewer Pipe PVC 8-Inch	5.000 LF	_____.	_____.
0444	SPV.0090 Special 05. Storm Sewer Pipe PVC 10-Inch	124.000 LF	_____.	_____.
0446	SPV.0090 Special 06. Storm Sewer Pipe Inlet Lead 12-Inch	2,406.000 LF	_____.	_____.
0448	SPV.0090 Special 07. Storm Sewer Laterals 6-Inch	1,150.000 LF	_____.	_____.
0450	SPV.0090 Special 08. Storm Sewer Laterals 12-Inch	100.000 LF	_____.	_____.
0452	SPV.0090 Special 09. Mini-Storm Sewer 6-Inch	30.000 LF	_____.	_____.
0454	SPV.0090 Special 10. Mini-Storm Sewer 8-Inch	10.000 LF	_____.	_____.
0456	SPV.0090 Special 11. Temporary Marking Stop Line Paint 24-Inch	55.000 LF	_____.	_____.
0458	SPV.0090 Special 12. Abandoning Storm Sewer 12-Inch	120.000 LF	_____.	_____.



Proposal Schedule of Items

Page 16 of 17

Proposal ID: 20190312038 Project(s): 4987-02-65

Federal ID(s): WISC 2019171

SECTION: 0001

Contract Items

Alt Set ID:

Alt Mbr ID:

Proposal Line Number	Item ID Description	Approximate Quantity and Units	Unit Price	Bid Amount
0460	SPV.0090 Special 13. Abandoning Storm Sewer 21-Inch	76.000 LF	_____.	_____.
0462	SPV.0090 Special 14. Concrete Curb and Gutter 18-Inch Type D Special	60.000 LF	_____.	_____.
0464	SPV.0090 Special 15. Marking Crosswalk Epoxy transverse Line 12-Inch	655.000 LF	_____.	_____.
0466	SPV.0105 Special 01. Grading and Shaping Alley Turnaround Sta 17+55	LS	LUMP SUM	_____.
0468	SPV.0105 Special 02. Grading and Shaping Alley Turnaround Sta 21+61	LS	LUMP SUM	_____.
0470	SPV.0105 Special 03. Grading and Shaping Alley Turnaround Sta 25+61	LS	LUMP SUM	_____.
0472	SPV.0105 Special 04. Grading and Shaping Alley Turnaround Sta 29+52	LS	LUMP SUM	_____.
0474	SPV.0105 Special 05. Grading and Shaping Alley Turnaround Sta 34+02	LS	LUMP SUM	_____.
0476	SPV.0105 Special 06. Grading and Shaping Alley Turnaround Sta 37+92	LS	LUMP SUM	_____.
0478	SPV.0105 Special 07. Grading and Shaping Alley Turnaround Sta 45+84	LS	LUMP SUM	_____.
0480	SPV.0105 Special 08. Vehicular Video Detection System 4-Camera (University Ave & Webster Ave)	LS	LUMP SUM	_____.
0482	SPV.0105 Special 09. Emergency Vehicle Preemption System (University Avenue & Webster Avenue)	LS	LUMP SUM	_____.
0484	SPV.0105 Special 10. Remove Traffic Signals (Webster Avenue and University Avenue)	LS	LUMP SUM	_____.



Proposal Schedule of Items

Page 17 of 17

Proposal ID: 20190312038 Project(s): 4987-02-65

Federal ID(s): WISC 2019171

SECTION: 0001

Contract Items

Alt Set ID:

Alt Mbr ID:

Proposal Line Number	Item ID Description	Approximate Quantity and Units	Unit Price	Bid Amount
0486	SPV.0105 Special 11. Storm Sewer Manhole #3 Cast in Place Concrete	LS	LUMP SUM	_____.
0488	SPV.0165 Special 01. Concrete Sidewalk 8-Inch	6,635.000 SF	_____.	_____.
0490	SPV.0170 Special 01. Test Rolling	90.000 STA	_____.	_____.
0492	SPV.0195 Special 01. Cold Patch	10.000 TON	_____.	_____.
0494	SPV.0195 Special 02. 1.5-Inch Stone Cradle Storm Sewer	100.000 TON	_____.	_____.
0496	SPV.0195 Special 03. 3-Inch Stone Cradle Storm Sewer	100.000 TON	_____.	_____.
0498	SPV.0195 Special 04. Sewer Stabilization Aggregate	100.000 TON	_____.	_____.
Section: 0001			Total:	_____.
			Total Bid:	_____.

PLEASE ATTACH SCHEDULE OF ITEMS HERE



Wisconsin Department of Transportation

March 4, 2019

**Division of Transportation Systems
Development**

Bureau of Project Development
4802 Sheboygan Avenue, Rm 601
P O Box 7916
Madison, WI 53707-7916

Telephone: (608) 266-1631
Facsimile (FAX): (608) 266-8459

NOTICE TO ALL CONTRACTORS:

Federal Wage Rate Addendum #01

Letting of March 12, 2019

Attached is a copy of the revised WI 10 Highway Davis Bacon Prevailing Wage Rates that are included in proposals 01, 02, 04-08, 10 – 13, 15 – 18, 20, 22 – 25, 27, 30, 33, 35 – 42, 45, 48 – 53, 55, 56, 58, 61, 62, and 64; WI 8 Heavy (Sewer & Water Line & Tunnel) Davis Bacon Prevailing Wage Rates that are included in proposals 20, 50, and 64; and WI 15 Heavy Davis Bacon Prevailing Wage Rates that are included in proposals 05, 06, 11, 22, 24, and 41. These wage rates are effective for all proposals they are included in in the March 12, 2019 letting. The updated wage rates are dated February 22, 2019 and are effective on or after March 4, 2019.

The responsibility for notifying potential subcontractors and suppliers of these changes remains with the prime contractors.

Sincerely,

Mike Coleman

Proposal Development Specialist
Proposal Management Section

General Decision Number: WI190010 02/22/2019 WI10

Superseded General Decision Number: WI20180010

State: Wisconsin

Construction Type: Highway

Counties: Wisconsin Statewide.

HIGHWAY, AIRPORT RUNWAY & TAXIWAY CONSTRUCTION PROJECTS (does not include bridges over navigable waters; tunnels; buildings in highway rest areas; and railroad construction)

Note: Under Executive Order (EO) 13658, an hourly minimum wage of \$10.60 for calendar year 2019 applies to all contracts subject to the Davis-Bacon Act for which the contract is awarded (and any solicitation was issued) on or after January 1, 2015. If this contract is covered by the EO, the contractor must pay all workers in any classification listed on this wage determination at least \$10.60 per hour (or the applicable wage rate listed on this wage determination, if it is higher) for all hours spent performing on the contract in calendar year 2019. If this contract is covered by the EO and a classification considered necessary for performance of work on the contract does not appear on this wage determination, the contractor must pay workers in that classification at least the wage rate determined through the conformance process set forth in 29 CFR 5.5(a)(1)(ii) (or the EO minimum wage rate, if it is higher than the conformed wage rate). The EO minimum wage rate will be adjusted annually. Please note that this EO applies to the above-mentioned types of contracts entered into by the federal government that are subject to the Davis-Bacon Act itself, but it does not apply to contracts subject only to the Davis-Bacon Related Acts, including those set forth at 29 CFR 5.1(a)(2)-(60). Additional information on contractor requirements and worker protections under the EO is available at www.dol.gov/whd/govcontracts.

Modification Number	Publication Date
0	01/04/2019
1	02/22/2019

BRWI0001-002 06/01/2018

CRAWFORD, JACKSON, JUNEAU, LA CROSSE, MONROE, TREMPLEAU, AND VERNON COUNTIES

	Rates	Fringes
BRICKLAYER.....	\$ 33.06	22.65

BRWI0002-002 06/01/2018

ASHLAND, BAYFIELD, DOUGLAS, AND IRON COUNTIES

	Rates	Fringes
BRICKLAYER.....	\$ 38.87	21.26

BRWI0002-005 06/01/2018		

ADAMS, ASHLAND, BARRON, BROWN, BURNETT, CALUMET, CHIPPEWA,
CLARK, COLUMBIA, DODGE, DOOR, DUNN, FLORENCE, FOND DU LAC,
FOREST, GREEN LAKE, IRON, JEFFERSON, KEWAUNEE, LANGLADE,
LINCOLN, MANITOWOC, MARATHON, MARINETTE, MARQUETTE, MENOMINEE,
OCONTO, ONEIDA, OUTAGAMIE, POLK, PORTAGE, RUSK, ST CROIX, SAUK,
SHAWANO, SHEBOYGAN, TAYLOR, VILAS, WALWORTH, WAUPACA, WAUSHARA,
WINNEBAGO, AND WOOD COUNTIES

	Rates	Fringes
CEMENT MASON/CONCRETE FINISHER...	\$ 35.39	21.46

BRWI0003-002 06/01/2018		

BROWN, DOOR, FLORENCE, KEWAUNEE, MARINETTE, AND OCONTO COUNTIES

	Rates	Fringes
BRICKLAYER.....	\$ 33.44	22.27

BRWI0004-002 06/01/2018		

KENOSHA, RACINE, AND WALWORTH COUNTIES

	Rates	Fringes
BRICKLAYER.....	\$ 37.66	23.35

BRWI0006-002 06/01/2018		

ADAMS, CLARK, FOREST, LANGLADE, LINCOLN, MARATHON, MENOMINEE,
ONEIDA, PORTAGE, PRICE, TAYLOR, VILAS AND WOOD COUNTIES

	Rates	Fringes
BRICKLAYER.....	\$ 34.30	21.41

BRWI0007-002 06/01/2018		

GREEN, LAFAYETTE, AND ROCK COUNTIES

	Rates	Fringes
BRICKLAYER.....	\$ 34.82	22.59

BRWI0008-002 06/01/2018		

MILWAUKEE, OZAUKEE, WASHINGTON, AND WAUKESHA COUNTIES

	Rates	Fringes
BRICKLAYER.....	\$ 38.03	22.55

 * BRWI0011-002 06/01/2018

CALUMET, FOND DU LAC, MANITOWOC, AND SHEBOYGAN COUNTIES

	Rates	Fringes
BRICKLAYER.....	\$ 33.44	22.27

 BRWI0019-002 06/01/2018

BARRON, BUFFALO, BURNETT, CHIPPEWA, DUNN, EAU CLAIRE, PEPIN,
 PIERCE, POLK, RUSK, ST. CROIX, SAWYER AND WASHBURN COUNTIES

	Rates	Fringes
BRICKLAYER.....	\$ 32.97	22.74

 BRWI0034-002 06/01/2018

COLUMBIA AND SAUK COUNTIES

	Rates	Fringes
BRICKLAYER.....	\$ 34.80	22.61

 CARP0087-001 05/01/2016

BURNETT (W. of Hwy 48), PIERCE (W. of Hwy 29), POLK (W. of Hwys
 35, 48 & 65), AND ST. CROIX (W. of Hwy 65) COUNTIES

	Rates	Fringes
Carpenter & Piledrivermen.....	\$ 36.85	18.39

 CARP0252-002 06/01/2016

ADAMS, BARRON, BAYFIELD (Eastern 2/3), BROWN, BUFFALO,
 BURNETT (E. of Hwy 48), CALUMET, CHIPPEWA, CLARK, COLUMBIA,
 CRAWFORD, DANE, DODGE, DOOR, DUNN, EAU CLAIRE, FLORENCE (except
 area bordering Michigan State Line), FOND DU LAC, FOREST,
 GRANT, GREEN, GREEN LAKE, IOWA, IRON, JACKSON, JEFFERSON,
 JUNEAU, KEWAUNEE, LA CROSSE, LAFAYETTE, LANGLADE, LINCOLN,
 MANITOWOC, MARATHON, MARINETTE (except N.E. corner), MARQUETTE,
 MENOMINEE, MONROE, OCONTO, ONEIDA, OUTAGAMIE, PEPIN, PIERCE (E.
 of Hwys 29 & 65), POLK (E. of Hwys 35, 48 & 65), PORTAGE,
 PRICE, RICHLAND, ROCK, RUSK, SAUK, SAWYER, SHAWANO, SHEBOYGAN,
 ST CROIX (E. of Hwy 65), TAYLOR, TREMPLEAU, VERNON, VILAS,
 WALWORTH, WASHBURN, WAUPACA, WAUSHARA, WINNEBAGO, AND WOOD
 COUNTIES

	Rates	Fringes

CARPENTER

CARPENTER.....	\$ 33.56	18.00
MILLWRIGHT.....	\$ 35.08	18.35
PILEDRIIVER.....	\$ 34.12	18.00

CARP0252-010 06/01/2016

ASHLAND COUNTY

	Rates	Fringes

Carpenters

Carpenter.....	\$ 33.56	18.00
Millwright.....	\$ 35.08	18.35
Pile Driver.....	\$ 34.12	18.00

CARP0264-003 06/01/2016

KENOSHA, MILWAUKEE, OZAUKEE, RACINE, WAUKESHA, AND WASHINGTON COUNTIES

	Rates	Fringes

CARPENTER.....	\$ 35.78	22.11

CARP0361-004 05/01/2018

BAYFIELD (West of Hwy 63) AND DOUGLAS COUNTIES

	Rates	Fringes

CARPENTER.....	\$ 36.15	20.43

CARP2337-001 06/01/2016

ZONE A: MILWAUKEE, OZAUKEE, WAUKESHA AND WASHINGTON

ZONE B: KENOSHA & RACINE

	Rates	Fringes

PILEDRIIVERMAN

Zone A.....	\$ 31.03	22.69
Zone B.....	\$ 31.03	22.69

ELEC0014-002 06/04/2018

ASHLAND, BARRON, BAYFIELD, BUFFALO, BURNETT, CHIPPEWA, CLARK (except Maryville, Colby, Unity, Sherman, Fremont, Lynn & Sherwood), CRAWFORD, DUNN, EAU CLAIRE, GRANT, IRON, JACKSON, LA CROSSE, MONROE, PEPIN, PIERCE, POLK, PRICE, RICHLAND, RUSK, ST CROIX, SAWYER, TAYLOR, TREMPPEALEAU, VERNON, AND WASHBURN COUNTIES

	Rates	Fringes
Electricians:.....	\$ 34.21	20.46

ELEC0014-007 06/05/2018

REMAINING COUNTIES

	Rates	Fringes
Teledata System Installer Installer/Technician.....	\$ 26.25	13.92

Low voltage construction, installation, maintenance and removal of teledata facilities (voice, data, and video) including outside plant, telephone and data inside wire, interconnect, terminal equipment, central offices, PABX, fiber optic cable and equipment, micro waves, V-SAT, bypass, CATV, WAN (wide area networks), LAN (local area networks), and ISDN (integrated systems digital network).

ELEC0127-002 06/01/2017

KENOSHA COUNTY

	Rates	Fringes
Electricians:.....	\$ 38.50	30%+10.57

ELEC0158-002 06/04/2018

BROWN, DOOR, KEWAUNEE, MANITOWOC (except Schleswig), MARINETTE (Wausaukee and area South thereof), OCONTO, MENOMINEE (East of a line 6 miles West of the West boundary of Oconto County), SHAWANO (Except Area North of Townships of Aniwa and Hutchins) COUNTIES

	Rates	Fringes
Electricians:.....	\$ 32.50	19.68

ELEC0159-003 06/01/2018

COLUMBIA, DANE, DODGE (Area West of Hwy 26, except Chester and Emmet Townships), GREEN, LAKE (except Townships of Berlin, Seneca, and St. Marie), IOWA, MARQUETTE (except Townships of Neshkoka, Crystal Lake, Newton, and Springfield), and SAUK COUNTIES

	Rates	Fringes
Electricians:.....	\$ 39.04	21.56

ELEC0219-004 06/01/2016

FLORENCE COUNTY (Townships of Aurora, Commonwealth, Fern, Florence and Homestead) AND MARINETTE COUNTY (Township of Niagara)

	Rates	Fringes
Electricians:		
Electrical contracts over \$180,000.....	\$ 32.38	18.63
Electrical contracts under \$180,000.....	\$ 30.18	18.42

ELEC0242-005 05/16/2018		

DOUGLAS COUNTY

	Rates	Fringes
Electricians:.....	\$ 36.85	26.17

ELEC0388-002 06/03/2018		

ADAMS, CLARK (Colby, Freemont, Lynn, Mayville, Sherman, Sherwood, Unity), FOREST, JUNEAU, LANGLADE, LINCOLN, MARATHON, MARINETTE (Beecher, Dunbar, Goodman & Pembine), MENOMINEE (Area West of a line 6 miles West of the West boundary of Oconto County), ONEIDA, PORTAGE, SHAWANO (Aniwa and Hutchins), VILAS AND WOOD COUNTIES

	Rates	Fringes
Electricians:.....	\$ 32.55	19.02

* ELEC0430-002 01/01/2019		

RACINE COUNTY (Except Burlington Township)

	Rates	Fringes
Electricians:.....	\$ 38.78	21.59

ELEC0494-005 06/01/2018		

MILWAUKEE, OZAUKEE, WASHINGTON, AND WAUKESHA COUNTIES

	Rates	Fringes
Electricians:.....	\$ 39.31	24.69

ELEC0494-006 06/01/2018		

CALUMET (Township of New Holstein), DODGE (East of Hwy 26 including Chester Township), FOND DU LAC, MANITOWOC (Schleswig), and SHEBOYGAN COUNTIES

	Rates	Fringes
Electricians:.....	\$ 33.40	22.08

ELEC0494-013 06/01/2018		

DODGE (East of Hwy 26 including Chester Twp, excluding Emmet Twp), FOND DU LAC (Except Waupuin), MILWAUKEE, OZAUKEE, MANITOWOC (Schleswig), WASHINGTON, AND WAUKESHA COUNTIES

	Rates	Fringes
Sound & Communications		
Installer.....	\$ 19.56	15.78
Technician.....	\$ 28.99	16.25

Installation, testing, maintenance, operation and servicing of all sound, intercom, telephone interconnect, closed circuit TV systems, radio systems, background music systems, language laboratories, electronic carillon, antenna distribution systems, clock and program systems and low-voltage systems such as visual nurse call, audio/visual nurse call systems, doctors entrance register systems. Includes all wire and cable carrying audio, visual, data, light and radio frequency signals. Includes the installation of conduit, wiremold, or raceways in existing structures that have been occupied for six months or more where required for the protection of the wire or cable, but does not mean a complete conduit or raceway system. work covered does not include the installation of conduit, wiremold or any raceways in any new construction, or the installation of power supply outlets by means of which external electric power is supplied to any of the foregoing equipment or products

ELEC0577-003 06/01/2018

CALUMET (except Township of New Holstein), GREEN LAKE (N. part including Townships of Berlin, St Marie, and Seneca), MARQUETTE (N. part including Townships of Crystal Lake, Neshkoro, Newton, and Springfield), OUTAGAMIE, WAUPACA, WAUSHARA, AND WINNEBAGO COUNTIES

	Rates	Fringes
Electricians:.....	\$ 32.18	18.59

ELEC0890-003 06/01/2018		

DODGE (Emmet Township only), GREEN, JEFFERSON, LAFAYETTE, RACINE (Burlington Township), ROCK AND WALWORTH COUNTIES

Rates	Fringes

Electricians:.....\$ 34.15 19.63

ELEC0953-001 07/01/2015

	Rates	Fringes
Line Construction:		
(1) Lineman.....	\$ 42.14	32% + 5.00
(2) Heavy Equipment Operator.....	\$ 40.03	32% + 5.00
(3) Equipment Operator.....	\$ 33.71	32% + 5.00
(4) Heavy Groundman Driver..	\$ 26.78	14.11
(5) Light Groundman Driver..	\$ 24.86	13.45
(6) Groundsman.....	\$ 23.18	32% + 5.00

ENGI0139-005 06/04/2018

	Rates	Fringes
Power Equipment Operator		
Group 1.....	\$ 40.72	22.10
Group 2.....	\$ 40.22	22.10
Group 3.....	\$ 39.72	22.10
Group 4.....	\$ 39.46	22.10
Group 5.....	\$ 39.17	22.10
Group 6.....	\$ 33.27	22.10

HAZARDOUS WASTE PREMIUMS:

EPA Level "A" protection - \$3.00 per hour
EPA Level "B" protection - \$2.00 per hour
EPA Level "C" protection - \$1.00 per hour

POWER EQUIPMENT OPERATORS CLASSIFICATIONS

GROUP 1: Cranes, tower cranes, and derricks with or without attachments with a lifting capacity of over 100 tons; or cranes, tower cranes, and derricks with boom, leads and/or jib lengths measuring 176 feet or longer.

GROUP 2: Cranes, tower cranes and derricks with or without attachments with a lifting capacity of 100 tons or less; or cranes, tower cranes, and derricks with boom, leads, and/or jibs lengths measuring 175 feet or under and Backhoes (excavators) weighing 130,000 lbs and over; caisson rigs; pile driver; dredge operator; dredge engineer; Boat Pilot.

GROUP 3: Mechanic or welder - Heavy duty equipment; cranes with a lifting capacity of 25 tons or under; concrete breaker (manual or remote); vibratory/sonic concrete breaker; concrete laser screed; concrete slipform paver; concrete batch plant operator; concrete pvt. spreader - heavy duty (rubber tired); concrete spreader & distributor; automatic subgrader (concrete); concrete grinder & planing machine; concrete slipform curb & gutter machine; slipform concrete placer; tube finisher; hydro blaster (10,000 psi & over); bridge paver; concrete conveyor system; concrete pump; Rotec type Conveyor; stabilizing mixer (self-propelled); shoulder widener; asphalt plant engineer;

bituminous paver; bump cutter & grooving machine; milling machine; screed (bituminous paver); asphalt heater, planer & scarifier; Backhoes (excavators) weighing under 130,000 lbs; grader or motor patrol; tractor (scraper, dozer, pusher, loader); scraper - rubber tired (single or twin engine); endloader; hydraulic backhoe (tractor type); trenching machine; skid rigs; tractor, side boom (heavy); drilling or boring machine (mechanical heavy); roller over 5 tons; percussion or rotary drilling machine; air track; blaster; loading machine (conveyor); tugger; boatmen; winches & A-frames; post driver; material hoist.

GROUP 4: Greaser, roller steel (5 tons or less); roller (pneumatic tired) - self propelled; tractor (mounted or towed compactors & light equipment); shouldering machine; self- propelled chip spreader; concrete spreader; finishing machine; mechanical float; curing machine; power subgrader; joint sawer (multiple blade) belting machine; burlap machine; texturing machine; tractor endloader (rubber tired) - light; jeep digger; forklift; mulcher; launch operator; fireman, environmental burner

GROUP 5: Air compressor; power pack; vibrator hammer and extractor; heavy equipment, leadman; tank car heaters; stump chipper; curb machine operator; Concrete proportioning plants; generators; mudjack operator; rock breaker; crusher or screening plant; screed (milling machine); automatic belt conveyor and surge bin; pug mill operator; Oiler, pump (over 3 inches); Drilling Machine Tender.

GROUP 6: Off-road material hauler with or without ejector.

IRON0008-002 06/01/2017

BROWN, CALUMET, DOOR, FOND DU LAC, KEWAUNEE, MANITOWOC, MARINETTE, OCONTO, OUTAGAMI, SHAWANO, SHEBOYGAN, AND WINNEBAGO COUNTIES:

	Rates	Fringes
IRONWORKER.....	\$ 31.24	26.97

Paid Holidays: New Year's Day, Memorial Day, July 4th, Labor Day, Thanksgiving Day & Christmas Day.

IRON0008-003 06/01/2017

KENOSHA, MILWAUKEE, OZAUKEE, RACINE, WALWORTH (N.E. 2/3), WASHINGTON, AND WAUKESHA COUNTIES

	Rates	Fringes
IRONWORKER.....	\$ 33.19	26.97

Paid Holidays: New Year's Day, Memorial Day, July 4th, Labor Day, Thanksgiving Day & Christmas Day.

IRON0383-001 06/01/2017

ADAMS, COLUMBIA, CRAWFORD, DANE, DODGE, FLORENCE, FOREST, GRANT, GREENE, (Excluding S.E. tip), GREEN LAKE, IOWA, JEFFERSON, JUNEAU, LA CROSSE, LAFAYETTE, LANGLADE, MARATHON, MARQUETTE, MENOMINEE, MONROE, PORTAGE, RICHLAND, ROCK (Northern area, vicinity of Edgerton and Milton), SAUK, VERNON, WAUPACA, WAUSHARA, AND WOOD COUNTIES

	Rates	Fringes
IRONWORKER.....	\$ 34.50	23.82

IRON0498-005 06/01/2016

GREEN (S.E. 1/3), ROCK (South of Edgerton and Milton), and WALWORTH (S.W. 1/3) COUNTIES:

	Rates	Fringes
IRONWORKER.....	\$ 36.29	30.77

IRON0512-008 05/01/2017

BARRON, BUFFALO, CHIPPEWA, CLARK, DUNN, EAU CLAIRE, JACKSON, PEPIN, PIERCE, POLK, RUSK, ST CROIX, TAYLOR, AND TREMPLEAU COUNTIES

	Rates	Fringes
IRONWORKER.....	\$ 36.50	26.45

IRON0512-021 05/01/2017

ASHLAND, BAYFIELD, BURNETT, DOUGLAS, IRON, LINCOLN, ONEIDA, PRICE, SAWYER, VILAS AND WASHBURN COUNTIES

	Rates	Fringes
IRONWORKER.....	\$ 32.04	26.45

LAB00113-002 06/04/2018

MILWAUKEE AND WAUKESHA COUNTIES

	Rates	Fringes
LABORER		
Group 1.....	\$ 27.88	21.76

Group 2.....	\$ 28.03	21.76
Group 3.....	\$ 28.23	21.76
Group 4.....	\$ 28.38	21.76
Group 5.....	\$ 28.53	21.76
Group 6.....	\$ 24.37	21.76

LABORERS CLASSIFICATIONS

GROUP 1: General Laborer; Tree Trimmer; Conduit Layer; Demolition and Wrecking Laborer; Guard Rail, Fence, and Bridge Builder; Landscaper; Multiplate Culvert Assembler; Stone Handler; Bituminous Worker (Shoveler, Loader, and Utility Man); Batch Truck Dumper or Cement Handler; Bituminous Worker (Dumper, Ironer, Smoother, and Tamper); Concrete Handler

GROUP 2: Air Tool Operator; Joint Sawyer and Filler (Pavement); Vibrator or Tamper Operator (Mechanical Hand Operated); Chain Saw Operator; Demolition Burning Torch Laborer

GROUP 3: Bituminous Worker (Raker and Luteman); Formsetter (Curb, Sidewalk, and Pavement); Strike Off Man

GROUP 4: Line and Grade Specialist

GROUP 5: Blaster and Powderman

GROUP 6: Flagperson; traffic control person

LAB00113-003 06/04/2018

OZAUKEE AND WASHINGTON COUNTIES

	Rates	Fringes
LABORER		
Group 1.....	\$ 27.13	21.76
Group 2.....	\$ 27.23	21.76
Group 3.....	\$ 27.28	21.76
Group 4.....	\$ 27.48	21.76
Group 5.....	\$ 27.33	21.76
Group 6.....	\$ 24.22	21.76

LABORERS CLASSIFICATIONS

GROUP 1: General Laborer; Tree Trimmer; Conduit Layer; Demolition and Wrecking Laborer; Guard Rail, Fence, and Bridge Builder; Landscaper; Multiplate Culvert Assembler; Stone Handler; Bituminous Worker (Shoveler, Loader, and Utility Man); Batch Truck Dumper or Cement Handler; Bituminous Worker (Dumper, Ironer, Smoother, and Tamper); Concrete Handler

GROUP 2: Air Tool Operator; Joint Sawyer and Filler (Pavement); Vibrator or Tamper Operator (Mechanical Hand Operated);

GROUP 3: Bituminous Worker (Raker and Luteman); Formsetter
(Curb, Sidewalk, and Pavement); Strike Off Man

GROUP 4: Line and Grade Specialist

GROUP 5: Blaster; powderman

GROUP 6: Flagperson and Traffic Control Person

LAB00113-011 06/04/2018

KENOSHA AND RACINE COUNTIES

	Rates	Fringes
LABORER		
Group 1.....	\$ 26.94	21.76
Group 2.....	\$ 27.09	21.76
Group 3.....	\$ 27.29	21.76
Group 4.....	\$ 27.26	21.76
Group 5.....	\$ 27.59	21.76
Group 6.....	\$ 24.08	21.76

LABORERS CLASSIFICATIONS:

GROUP 1: General laborer; Tree Trimmer; Conduit Layer;
Demolition and Wrecking Laborer; Guard Rail, Fence, and
Bridge Builder; Landscaper; Multiplate Culvert Assembler;
Stone Handler; Bituminous Worker (Shoveler, Loader, and
Utility Man); Batch Truck Dumper or Cement Handler;
Bituminous worker (Dumper, Ironer, Smoother, and Tamper);
Concrete Handler

GROUP 2: Air Tool Operator; Joint Sawyer and Filler
(Pavement); Vibrator or Tamper Operator (Mechanical Hand
Operated); Chain Saw Operator; Demolition Burning Torch
Laborer

GROUP 3: Bituminous Worker (Raker and Luteman); Formsetter
(Curb, Sidewalk, and Pavement); Strike Off Man

GROUP 4: Line and Grade Specialist

GROUP 5: Blaster and Powderman

GROUP 6: Flagman; traffic control person

LAB00140-002 06/04/2018

ADAMS, ASHLAND, BARRON, BAYFIELD, BROWN, BUFFALO, BURNETT,
CALUMET, CHIPPEWA, CLARK, COLUMBIA, CRAWFORD, DODGE, DOOR,
DOUGLAS, DUNN, EAU CLAIRE, FLORENCE, FOND DU LAC, FOREST,
GRANT, GREEN, GREEN LAKE, IRON, JACKSON, JUNEAU, IOWA,
JEFFERSON, KEWAUNEE, LA CROSSE, LAFAYETTE, LANGLADE, LINCOLN,
MANITOWOC, MARATHON, MARINETTE, MARQUETTE, MENOMINEE, MONROE,

OCONTO, ONEIDA, OUTAGAMIE, PEPIN, PIERCE, POLK, PORTAGE, PRICE,
 RICHLAND, ROCK, RUSK, SAUK, SAWYER, SHAWANO, SHEBOYGAN, ST.
 CROIX, TAYLOR, TREMPLEAU, VERNON, VILLAS, WALWORTH, WASHBURN,
 WAUPACA, WAUSHARA, WINNEBAGO, AND WOOD COUNTIES

	Rates	Fringes
LABORER		
Group 1.....	\$ 31.80	17.20
Group 2.....	\$ 31.90	17.20
Group 3.....	\$ 31.95	17.20
Group 4.....	\$ 32.15	17.20
Group 5.....	\$ 32.00	17.20
Group 6.....	\$ 28.43	17.20

LABORER CLASSIFICATIONS

GROUP 1: General Laborer; Tree Trimmer; Conduit Layer;
 Demolition and Wrecking Laborer; Guard Rail, Fence, and
 Bridge Builder; Landscaper; Multiplate Culvert Assembler;
 Stone Handler; Bituminous Worker (Shoveler, Loader, and
 Utility Man); Batch Truck Dumper or Cement Handler;
 Bituminous Worker (Dumper, Ironer, Smoother and Tamper);
 Concrete Handler

GROUP 2: Air Tool Operator; Joint Sawyer and Filler
 (Pavement); Vibrator or Tamper Operator (Mechanical Hand
 Operated); Chain Saw Operator, Demolition Burning Torch
 Laborer

GROUP 3: Bituminous Worker (Raker and Luteman); Formsetter
 (Curb, Sidewalk and Pavement); Strike Off Man

GROUP 4: Line and Grade Specialist

GROUP 5: Blaster; powderman

GROUP 6: Flagperson; Traffic Control

 LAB00464-003 06/04/2018

DANE COUNTY

	Rates	Fringes
LABORER		
Group 1.....	\$ 32.08	17..20
Group 2.....	\$ 32.18	17..20
Group 3.....	\$ 32.23	17..20
Group 4.....	\$ 32.43	17..20
Group 5.....	\$ 32.28	17..20
Group 6.....	\$ 28.43	17..20

LABORERS CLASSIFICATIONS:

GROUP 1: General Laborer; Tree Trimmer; Conduit Layer;

Demolition and Wrecking Laborer; Guard Rail, Fence, and Bridge Builder; Landscaper; Multiplate Culvert Assembler; Stone Handler; Bituminous Worker (Shoveler, Loader, and Utility Man); Batch Truck Dumper or Cement Handler; Bituminous Worker (Dumper, Ironer, Smoother, and Tamper); Concrete Handler

GROUP 2: Air Tool Operator; Joint Sawyer and Filler (Pavement); Vibrator or Tamper Operator (Mechanical Hand Operated); Chain Saw Operator; Demolition Burning Torch Laborer

GROUP 3: Bituminous Worker (Raker and Luteman); Formsetter (Curb, Sidewalk, and Pavement); Strike Off Man

GROUP 4: Line and Grade Specialist

GROUP 5: Blaster; Powderman

GROUP 6: Flagperson and Traffic Control Person

PAIN0106-008 05/01/2017

ASHLAND, BAYFIELD, BURNETT, AND DOUGLAS COUNTIES

	Rates	Fringes
Painters:		
New:		
Brush, Roller.....	\$ 30.33	17.27
Spray, Sandblast, Steel....	\$ 30.93	17.27
Repaint:		
Brush, Roller.....	\$ 28.83	17.27
Spray, Sandblast, Steel....	\$ 29.43	17.27

PAIN0108-002 06/01/2017

RACINE COUNTY

	Rates	Fringes
Painters:		
Brush, Roller.....	\$ 33.74	18.95
Spray & Sandblast.....	\$ 34.74	18.95

PAIN0259-002 05/01/2008

BARRON, CHIPPEWA, DUNN, EAU CLAIRE, PEPIN, PIERCE, POLK, RUSK, SAWYER, ST. CROIX, AND WASHBURN COUNTIES

	Rates	Fringes
PAINTER.....	\$ 24.11	12.15

PAIN0259-004 05/01/2015

BUFFALO, CRAWFORD, JACKSON, LA CROSSE, MONROE, TREMPLEAU, AND
VERNON COUNTIES

	Rates	Fringes
PAINTER.....	\$ 22.03	12.45

PAIN0781-002 06/01/2018		

JEFFERSON, MILWAUKEE, OZAUKEE, WASHINGTON, AND WAUKESHA COUNTIES

	Rates	Fringes
Painters:		
Bridge.....	\$ 31.60	23.51
Brush.....	\$ 31.55	23.51
Spray & Sandblast.....	\$ 32.30	23.51

PAIN0802-002 06/01/2017		

COLUMBIA, DANE, DODGE, GRANT, GREEN, IOWA, LAFAYETTE, RICHLAND,
ROCK, AND SAUK COUNTIES

	Rates	Fringes
PAINTER		
Brush.....	\$ 28.25	17.72
PREMIUM PAY:		
Structural Steel, Spray, Bridges = \$1.00 additional per		
hour.		

PAIN0802-003 06/01/2017

ADAMS, BROWN, CALUMET, CLARK, DOOR, FOND DU LAC, FOREST, GREEN
LAKE, IRON, JUNEAU, KEWAUNEE, LANGLADE, LINCOLN, MANITOWOC,
MARATHON, MARINETTE, MARQUETTE, MENOMINEE, OCONTO, ONEIDA,
OUTAGAMIE, PORTAGE, PRICE, SHAWANO, SHEBOYGAN, TAYLOR, VILAS,
WAUSHARA, WAUPACA, WINNEBAGO, AND WOOD COUNTIES

	Rates	Fringes
PAINTER.....	\$ 24.89	12.05

PAIN0934-001 06/01/2017		

KENOSHA AND WALWORTH COUNTIES

	Rates	Fringes
Painters:		
Brush.....	\$ 33.74	18.95
Spray.....	\$ 34.74	18.95
Structural Steel.....	\$ 33.89	18.95

PAIN1011-002 06/01/2017

FLORENCE COUNTY

	Rates	Fringes
Painters:.....	\$ 24.86	12.23

PLAS0599-010 06/01/2017

	Rates	Fringes
CEMENT MASON/CONCRETE FINISHER		
Area 1.....	\$ 39.46	17.17
Area 2 (BAC).....	\$ 35.07	19.75
Area 3.....	\$ 35.61	19.40
Area 4.....	\$ 34.70	20.51
Area 5.....	\$ 36.27	18.73
Area 6.....	\$ 32.02	22.99

AREA DESCRIPTIONS

AREA 1: BAYFIELD, DOUGLAS, PRICE, SAWYER, AND WASHBURN COUNTIES

AREA 2: ADAMS, ASHLAND, BARRON, BROWN, BURNETT, CALUMET, CHIPPEWA, CLARK, COLUMBIA, DODGE, DOOR, DUNN, FLORENCE, FOND DU LAC, FOREST, GREEN LAKE, IRON, JEFFERSON, KEWAUNEE, LANGLADE, LINCOLN, MANITOWOC, MARATHON, MARINETTE, MARQUETTE, MENOMINEE, OCONTO, ONEIDA, OUTAGAMIE, POLK, PORTAGE, RUSK, ST CROIX, SAUK, SHAWANO, SHEBOYGAN, TAYLOR, VILAS, WALWORTH, WAUPACA, WAUSHARA, WINNEBAGO, AND WOOD COUNTIES

AREA 3: BUFFALO, CRAWFORD, EAU CLAIRE, JACKSON, JUNEAU, LA CROSSE MONROE, PEPIN, PIERCE, RICHLAND, TREMPLEAU, AND VERNON COUNTIES

AREA 4: MILWAUKEE, OZAUKEE, WASHINGTON, AND WAUKESHA COUNTIES

AREA 5: DANE, GRANT, GREEN, IOWA, LAFAYETTE, AND ROCK COUNTIES

AREA 6: KENOSHA AND RACINE COUNTIES

TEAM0039-001 06/01/2018

	Rates	Fringes
TRUCK DRIVER		
1 & 2 Axles.....	\$ 28.12	21.20
3 or more Axles; Euclids Dumptor & Articulated, Truck Mechanic.....	\$ 28.27	21.20

WELL DRILLER.....\$ 16.52 3.70

WELDERS - Receive rate prescribed for craft performing operation to which welding is incidental.

Note: Executive Order (EO) 13706, Establishing Paid Sick Leave for Federal Contractors applies to all contracts subject to the Davis-Bacon Act for which the contract is awarded (and any solicitation was issued) on or after January 1, 2017. If this contract is covered by the EO, the contractor must provide employees with 1 hour of paid sick leave for every 30 hours they work, up to 56 hours of paid sick leave each year. Employees must be permitted to use paid sick leave for their own illness, injury or other health-related needs, including preventive care; to assist a family member (or person who is like family to the employee) who is ill, injured, or has other health-related needs, including preventive care; or for reasons resulting from, or to assist a family member (or person who is like family to the employee) who is a victim of, domestic violence, sexual assault, or stalking. Additional information on contractor requirements and worker protections under the EO is available at www.dol.gov/whd/govcontracts.

Unlisted classifications needed for work not included within the scope of the classifications listed may be added after award only as provided in the labor standards contract clauses (29CFR 5.5 (a) (1) (ii)).

The body of each wage determination lists the classification and wage rates that have been found to be prevailing for the cited type(s) of construction in the area covered by the wage determination. The classifications are listed in alphabetical order of "identifiers" that indicate whether the particular rate is a union rate (current union negotiated rate for local), a survey rate (weighted average rate) or a union average rate (weighted union average rate).

Union Rate Identifiers

A four letter classification abbreviation identifier enclosed in dotted lines beginning with characters other than "SU" or "UAVG" denotes that the union classification and rate were prevailing for that classification in the survey. Example: PLUM0198-005 07/01/2014. PLUM is an abbreviation identifier of the union which prevailed in the survey for this classification, which in this example would be Plumbers. 0198 indicates the local union number or district council number where applicable, i.e., Plumbers Local 0198. The next number, 005 in the example, is an internal number used in processing the wage determination. 07/01/2014 is the effective date of the most current negotiated rate, which in this example is July 1,

2014.

Union prevailing wage rates are updated to reflect all rate changes in the collective bargaining agreement (CBA) governing this classification and rate.

Survey Rate Identifiers

Classifications listed under the "SU" identifier indicate that no one rate prevailed for this classification in the survey and the published rate is derived by computing a weighted average rate based on all the rates reported in the survey for that classification. As this weighted average rate includes all rates reported in the survey, it may include both union and non-union rates. Example: SULA2012-007 5/13/2014. SU indicates the rates are survey rates based on a weighted average calculation of rates and are not majority rates. LA indicates the State of Louisiana. 2012 is the year of survey on which these classifications and rates are based. The next number, 007 in the example, is an internal number used in producing the wage determination. 5/13/2014 indicates the survey completion date for the classifications and rates under that identifier.

Survey wage rates are not updated and remain in effect until a new survey is conducted.

Union Average Rate Identifiers

Classification(s) listed under the UAVG identifier indicate that no single majority rate prevailed for those classifications; however, 100% of the data reported for the classifications was union data. EXAMPLE: UAVG-OH-0010 08/29/2014. UAVG indicates that the rate is a weighted union average rate. OH indicates the state. The next number, 0010 in the example, is an internal number used in producing the wage determination. 08/29/2014 indicates the survey completion date for the classifications and rates under that identifier.

A UAVG rate will be updated once a year, usually in January of each year, to reflect a weighted average of the current negotiated/CBA rate of the union locals from which the rate is based.

WAGE DETERMINATION APPEALS PROCESS

1.) Has there been an initial decision in the matter? This can be:

- * an existing published wage determination
- * a survey underlying a wage determination
- * a Wage and Hour Division letter setting forth a position on a wage determination matter
- * a conformance (additional classification and rate) ruling

On survey related matters, initial contact, including requests for summaries of surveys, should be with the Wage and Hour Regional Office for the area in which the survey was conducted because those Regional Offices have responsibility for the Davis-Bacon survey program. If the response from this initial contact is not satisfactory, then the process described in 2.) and 3.) should be followed.

With regard to any other matter not yet ripe for the formal process described here, initial contact should be with the Branch of Construction Wage Determinations. Write to:

Branch of Construction Wage Determinations
Wage and Hour Division
U.S. Department of Labor
200 Constitution Avenue, N.W.
Washington, DC 20210

2.) If the answer to the question in 1.) is yes, then an interested party (those affected by the action) can request review and reconsideration from the Wage and Hour Administrator (See 29 CFR Part 1.8 and 29 CFR Part 7). Write to:

Wage and Hour Administrator
U.S. Department of Labor
200 Constitution Avenue, N.W.
Washington, DC 20210

The request should be accompanied by a full statement of the interested party's position and by any information (wage payment data, project description, area practice material, etc.) that the requestor considers relevant to the issue.

3.) If the decision of the Administrator is not favorable, an interested party may appeal directly to the Administrative Review Board (formerly the Wage Appeals Board). Write to:

Administrative Review Board
U.S. Department of Labor
200 Constitution Avenue, N.W.
Washington, DC 20210

4.) All decisions by the Administrative Review Board are final.

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END OF GENERAL DECISION

General Decision Number: WI190008 02/22/2019 WI8

Superseded General Decision Number: WI20180008

State: Wisconsin

Construction Types: Heavy (Sewer and Water Line and Tunnel)

Counties: Wisconsin Statewide.

TUNNEL, SEWER & WATER LINE CONSTRUCTION PROJECTS

Note: Under Executive Order (EO) 13658, an hourly minimum wage of \$10.60 for calendar year 2019 applies to all contracts subject to the Davis-Bacon Act for which the contract is awarded (and any solicitation was issued) on or after January 1, 2015. If this contract is covered by the EO, the contractor must pay all workers in any classification listed on this wage determination at least \$10.60 per hour (or the applicable wage rate listed on this wage determination, if it is higher) for all hours spent performing on the contract in calendar year 2019. If this contract is covered by the EO and a classification considered necessary for performance of work on the contract does not appear on this wage determination, the contractor must pay workers in that classification at least the wage rate determined through the conformance process set forth in 29 CFR 5.5(a)(1)(ii) (or the EO minimum wage rate, if it is higher than the conformed wage rate). The EO minimum wage rate will be adjusted annually. Please note that this EO applies to the above-mentioned types of contracts entered into by the federal government that are subject to the Davis-Bacon Act itself, but it does not apply to contracts subject only to the Davis-Bacon Related Acts, including those set forth at 29 CFR 5.1(a)(2)-(60). Additional information on contractor requirements and worker protections under the EO is available at www.dol.gov/whd/govcontracts.

Modification Number	Publication Date
0	01/04/2019
1	02/22/2019

BRWI0001-002 06/01/2018

CRAWFORD, JACKSON, JUNEAU, LA CROSSE, MONROE, TREMPLEAU, AND VERNON COUNTIES

	Rates	Fringes
BRICKLAYER.....	\$ 33.06	22.65

BRWI0002-002 06/01/2018		

ASHLAND, BAYFIELD, DOUGLAS, AND IRON COUNTIES

	Rates	Fringes
BRICKLAYER.....	\$ 38.87	21.26

BRWI0002-005 06/01/2018

ADAMS, ASHLAND, BARRON, BROWN, BURNETT, CALUMET, CHIPPEWA,
CLARK, COLUMBIA, DODGE, DOOR, DUNN, FLORENCE, FOND DU LAC,
FOREST, GREEN LAKE, IRON, JEFFERSON, KEWAUNEE, LANGLADE,
LINCOLN, MANITOWOC, MARATHON, MARINETTE, MARQUETTE, MENOMINEE,
OCONTO, ONEIDA, OUTAGAMIE, POLK, PORTAGE, RUSK, ST CROIX, SAUK,
SHAWANO, SHEBOYGAN, TAYLOR, VILAS, WALWORTH, WAUPACA, WAUSHARA,
WINNEBAGO, AND WOOD COUNTIES

	Rates	Fringes
CEMENT MASON/CONCRETE FINISHER...	\$ 35.39	21.46

BRWI0003-002 06/01/2018

BROWN, DOOR, FLORENCE, KEWAUNEE, MARINETTE, AND OCONTO COUNTIES

	Rates	Fringes
BRICKLAYER.....	\$ 33.44	22.27

BRWI0004-002 06/01/2018

KENOSHA, RACINE, AND WALWORTH COUNTIES

	Rates	Fringes
BRICKLAYER.....	\$ 37.66	23.35

BRWI0006-002 06/01/2018

ADAMS, CLARK, FOREST, LANGLADE, LINCOLN, MARATHON, MENOMINEE,
ONEIDA, PORTAGE, PRICE, TAYLOR, VILAS AND WOOD COUNTIES

	Rates	Fringes
BRICKLAYER.....	\$ 34.30	21.41

BRWI0007-002 06/01/2018

GREEN, LAFAYETTE, AND ROCK COUNTIES

	Rates	Fringes
BRICKLAYER.....	\$ 34.82	22.59

BRWI0008-002 06/01/2018

MILWAUKEE, OZAUKEE, WASHINGTON, AND WAUKESHA COUNTIES

	Rates	Fringes

BRICKLAYER.....	\$ 38.03	22.55

BRWI0009-001 06/01/2018

GREEN LAKE, MARQUETTE, OUTAGAMIE, SHAWANO, WAUPACA, WASHARA,
AND WINNEBAGO COUNTIES

	Rates	Fringes
BRICKLAYER.....	\$ 33.44	22.27

* BRWI0011-002 06/01/2018

CALUMET, FOND DU LAC, MANITOWOC, AND SHEBOYGAN COUNTIES

	Rates	Fringes
BRICKLAYER.....	\$ 33.44	22.27

BRWI0013-002 06/01/2018

DANE, GRANT, IOWA, AND RICHLAND COUNTIES

	Rates	Fringes
BRICKLAYER.....	\$ 34.80	22.61

BRWI0019-002 06/01/2018

BARRON, BUFFALO, BURNETT, CHIPPEWA, DUNN, EAU CLAIRE, PEPIN,
PIERCE, POLK, RUSK, ST. CROIX, SAWYER AND WASHBURN COUNTIES

	Rates	Fringes
BRICKLAYER.....	\$ 32.97	22.74

BRWI0021-002 06/01/2018

DODGE AND JEFFERSON COUNTIES

	Rates	Fringes
BRICKLAYER.....	\$ 35.24	22.15

BRWI0034-002 06/01/2018

COLUMBIA AND SAUK COUNTIES

	Rates	Fringes
BRICKLAYER.....	\$ 34.80	22.61

CARP0087-001 05/01/2016

BURNETT (W. of Hwy 48), PIERCE (W. of Hwy 29), POLK (W. of Hwys

35, 48 & 65), AND ST. CROIX (W. of Hwy 65) COUNTIES

	Rates	Fringes
Carpenter & Piledrivermen.....	\$ 36.85	18.39

CARP0252-002 06/01/2016		

ADAMS, BARRON, BAYFIELD (Eastern 2/3), BROWN, BUFFALO, BURNETT (E. of Hwy 48), CALUMET, CHIPPEWA, CLARK, COLUMBIA, CRAWFORD, DANE, DODGE, DOOR, DUNN, EAU CLAIRE, FLORENCE (except area bordering Michigan State Line), FOND DU LAC, FOREST, GRANT, GREEN, GREEN LAKE, IOWA, IRON, JACKSON, JEFFERSON, JUNEAU, KEWAUNEE, LA CROSSE, LAFAYETTE, LANGLADE, LINCOLN, MANITOWOC, MARATHON, MARINETTE (except N.E. corner), MARQUETTE, MENOMINEE, MONROE, OCONTO, ONEIDA, OUTAGAMIE, PEPIN, PIERCE (E. of Hwys 29 & 65), POLK (E. of Hwys 35, 48 & 65), PORTAGE, PRICE, RICHLAND, ROCK, RUSK, SAUK, SAWYER, SHAWANO, SHEBOYGAN, ST CROIX (E. of Hwy 65), TAYLOR, TREMPLEAU, VERNON, VILAS, WALWORTH, WASHBURN, WAUPACA, WAUSHARA, WINNEBAGO, AND WOOD COUNTIES

	Rates	Fringes
CARPENTER		
CARPENTER.....	\$ 33.56	18.00
MILLWRIGHT.....	\$ 35.08	18.35
PILEDRIER.....	\$ 34.12	18.00

CARP0252-010 06/01/2016		

ASHLAND COUNTY

	Rates	Fringes
Carpenters		
Carpenter.....	\$ 33.56	18.00
Millwright.....	\$ 35.08	18.35
Pile Driver.....	\$ 34.12	18.00

CARP0264-003 06/01/2016		

KENOSHA, MILWAUKEE, OZAUKEE, RACINE, WAUKESHA, AND WASHINGTON COUNTIES

	Rates	Fringes
CARPENTER.....	\$ 35.78	22.11

CARP0361-004 05/01/2018		

BAYFIELD (West of Hwy 63) AND DOUGLAS COUNTIES

Rates	Fringes

CARPENTER.....\$ 36.15 20.43

CARP2337-001 06/01/2016

ZONE A: MILWAUKEE, OZAUKEE, WAUKESHA AND WASHINGTON

ZONE B: KENOSHA & RACINE

	Rates	Fringes
PILEDRIVERMAN		
Zone A.....	\$ 31.03	22.69
Zone B.....	\$ 31.03	22.69

CARP2337-003 06/01/2016

	Rates	Fringes
MILLWRIGHT		
Zone A.....	\$ 29.98	21.53
Zone B.....	\$ 29.98	21.53

ZONE DEFINITIONS

ZONE A: MILWAUKEE, OZAUKEE, WAUKESHA AND WASHINGTON COUNTIES

ZONE B: KENOSHA & RACINE COUNTIES

ELEC0014-002 06/04/2018

ASHLAND, BARRON, BAYFIELD, BUFFALO, BURNETT, CHIPPEWA, CLARK
(except Maryville, Colby, Unity, Sherman, Fremont, Lynn &
Sherwood), CRAWFORD, DUNN, EAU CLAIRE, GRANT, IRON, JACKSON, LA
CROSSE, MONROE, PEPIN, PIERCE, POLK, PRICE, RICHLAND, RUSK, ST
CROIX, SAWYER, TAYLOR, TREMPLEAU, VERNON, AND WASHBURN
COUNTIES

	Rates	Fringes
Electricians:.....	\$ 34.21	20.46

ELEC0127-002 06/01/2017

KENOSHA COUNTY

	Rates	Fringes
Electricians:.....	\$ 38.50	30%+10.57

ELEC0158-002 06/04/2018

BROWN, DOOR, KEWAUNEE, MANITOWOC (except Schleswig),
MARINETTE(Wausaukee and area South thereof), OCONTO, MENOMINEE
(East of a line 6 miles West of the West boundary of Oconto
County), SHAWANO (Except Area North of Townships of Aniwa and

Hutchins) COUNTIES

	Rates	Fringes
Electricians:.....	\$ 32.50	19.68

ELEC0159-003 06/01/2018		

COLUMBIA, DANE, DODGE (Area West of Hwy 26, except Chester and Emmet Townships), GREEN, LAKE (except Townships of Berlin, Seneca, and St. Marie), IOWA, MARQUETTE (except Townships of Neshkoka, Crystal Lake, Newton, and Springfield), and SAUK COUNTIES

	Rates	Fringes
Electricians:.....	\$ 39.04	21.56

ELEC0219-004 06/01/2016		

FLORENCE COUNTY (Townships of Aurora, Commonwealth, Fern, Florence and Homestead) AND MARINETTE COUNTY (Township of Niagara)

	Rates	Fringes
Electricians:		
Electrical contracts over		
\$180,000.....	\$ 32.38	18.63
Electrical contracts under		
\$180,000.....	\$ 30.18	18.42

ELEC0242-005 05/16/2018		

DOUGLAS COUNTY

	Rates	Fringes
Electricians:.....	\$ 36.85	26.17

ELEC0388-002 06/03/2018		

ADAMS, CLARK (Colby, Freemont, Lynn, Mayville, Sherman, Sherwood, Unity), FOREST, JUNEAU, LANGLADE, LINCOLN, MARATHON, MARINETTE (Beecher, Dunbar, Goodman & Pembine), MENOMINEE (Area West of a line 6 miles West of the West boundary of Oconto County), ONEIDA, PORTAGE, SHAWANO (Aniwa and Hutchins), VILAS AND WOOD COUNTIES

	Rates	Fringes
Electricians:.....	\$ 32.55	19.02

* ELEC0430-002 01/01/2019		

RACINE COUNTY (Except Burlington Township)

	Rates	Fringes
Electricians:.....	\$ 38.78	21.59

ELEC0494-005 06/01/2018		

MILWAUKEE, OZAUKEE, WASHINGTON, AND WAUKESHA COUNTIES

	Rates	Fringes
Electricians:.....	\$ 39.31	24.69

ELEC0494-006 06/01/2018		

CALUMET (Township of New Holstein), DODGE (East of Hwy 26 including Chester Township), FOND DU LAC, MANITOWOC (Schleswig), and SHEBOYGAN COUNTIES

	Rates	Fringes
Electricians:.....	\$ 33.40	22.08

ELEC0577-003 06/01/2018		

CALUMET (except Township of New Holstein), GREEN LAKE (N. part including Townships of Berlin, St Marie, and Seneca), MARQUETTE (N. part including Townships of Crystal Lake, Neshkoro, Newton, and Springfield), OUTAGAMIE, WAUPACA, WAUSHARA, AND WINNEBAGO COUNTIES

	Rates	Fringes
Electricians:.....	\$ 32.18	18.59

ELEC0890-003 06/01/2018		

DODGE (Emmet Township only), GREEN, JEFFERSON, LAFAYETTE, RACINE (Burlington Township), ROCK AND WALWORTH COUNTIES

	Rates	Fringes
Electricians:.....	\$ 34.15	19.63

ENGI0139-003 06/04/2018		

REMAINING COUNTIES

	Rates	Fringes
Power Equipment Operator		
Group 1.....	\$ 40.72	21.60
Group 2.....	\$ 39.47	21.60

Group 3.....	\$ 38.17	21.60
Group 4.....	\$ 37.64	21.60
Group 5.....	\$ 35.57	21.60
Group 6.....	\$ 34.04	21.60

HAZARDOUS WASTE PREMIUMS:

EPA Level "A" Protection: \$3.00 per hour

EPA Level "B" Protection: \$2.00 per hour

EPA Level "C" Protection: \$1.00 per hour

POWER EQUIPMENT OPERATORS CLASSIFICATIONS

GROUP 1: Cranes, Tower Cranes and Derricks with or without attachments with a lifting capacity of over 100 tons; Cranes, Tower Cranes, and Derricks with boom, leads and/or jib lengths 176 ft or longer.

GROUP 2: Backhoes (Excavators) weighing 130,00 lbs and over; Cranes, Tower Cranes and Derricks with or without attachments with a lifting capacity of 100 tons or less; Cranes, Tower Cranes, and Derricks with boom, leads, and/or jib lengths 175 ft or less; Caisson Rigs; Pile Driver

GROUP 3: Backhoes (Excavators) weighing under 130,000 lbs; Travelling Crane (bridge type); Milling Machine; Concrete Paver over 27 E; Concrete Spreader and Distributor; Concrete Laser Screed; Concrete Grinder and Planing Machine; Slipform Curb and Gutter Machine; Boring Machine (Directional); Dredge Operator; Skid Rigs; over 46 meter Concrete Pump.

GROUP 4: Hydraulic Backhoe (tractor or truck mounted); Hydraulic Crane, 10 tons or less; Tractor, Bulldozer, or End Loader (over 40 hp); Motor Patrol; Scraper Operator; Bituminous Plant and Paver Operator; Screed-Milling Machine; Roller over 5 tons; Concrete pumps 46 meter and under; Grout Pumps; Rotec type machine; Hydro Blaster, 10,000 psi and over; Rotary Drill Operator; Percussion Drilling Machine; Air Track Drill with or without integral hammer; Blaster; Boring Machine (vertical or horizontal); Side Boom; Trencher, wheel type or chain type having 8 inch or larger bucket; Rail Leveling Machine (Railroad); Tie Placer; Tie Extractor; Tie Tamper; Stone Leveler; Straddle Carrier; Material Hoists; Stack Hoist; Man Hoists; Mechanic and Welder; Off Road Material Haulers.

GROUP 5: Tractor, Bulldozer, or Endloader (under 40 hp); Tampers -Compactors, riding type; Stump Chipper, large; Roller, Rubber Tire; Backfiller; Trencher, chain type (bucket under 8 inch); Concrete Auto Breaker, large; Concrete Finishing Machine (road type); Concrete Batch Hopper; Concrete Conveyor Systems; Concrete Mixers, 14S or over; Pumps, Screw Type and Gypsum); Hydrohammers, small; Brooms and Sweepers; Lift Slab Machine; Roller under 5 tons; Industrial Locomotives; Fireman (Pile Drivers and Derricks); Pumps (well points); Hoists, automatic; A-Frames and Winch Trucks; Hoists (tuggers); Boats (Tug, Safety, Work Barges and Launches); Assistant Engineer

GROUP 6: Shouldering Machine Operator; Farm or Industrial Tractor mounted equipment; Post Hole Digger; Auger (vertical and horizontal); Skid Steer Loader with or without attachments; Robotic Tool Carrier with or without attachments; Power Pack Vibratory/Ultra Sound Driver and Extractor; Fireman (Asphalt Plants); Screed Operator; Stone Crushers and Screening Plants; Air, Electric, Hydraulic Jacks (Slip Form); Prestress Machines; Air Compressor, 400 CFM or over; Refrigeration Plant/Freeze Machine; Boiler Operators (temporary heat); Forklifts; Welding Machines; Generators; Pumps over 3"; Heaters, Mechanical; Combination small equipment operator; Winches, small electric; Oiler; Greaser; Rotary Drill Tender; Conveyor; Elevator Operator

 ENGI0139-007 06/04/2018

DODGE, FOND DU LAC, JEFFERSON, KENOSHA, MILWAUKEE, OZAUKEE, RACINE, SHEBOYGAN, WALWORTH, WASHINGTON, AND WAUKESHA COUNTIES

	Rates	Fringes
Power Equipment Operator		
Group 1.....	\$ 40.19	21.65
Group 2.....	\$ 39.41	21.65
Group 3.....	\$ 38.46	21.65
Group 4.....	\$ 37.41	21.65
Group 5.....	\$ 36.01	21.65

HAZARDOUS WASTE PREMIUMS:

EPA Level "A" Protection: \$3.00 per hour
 EPA Level "B" Protection: \$2.00 per hour
 EPA Level "C" Protection: \$1.00 per hour

POWER EQUIPMENT OPERATORS CLASSIFICATIONS

GROUP 1: Cranes, Tower Cranes, and Derricks with or without attachments, with a lifting capacity of over 100 tons; or Cranes, Tower Cranes, and Derricks with boom, leads, and/or jib lengths measuring 176 feet or longer; Backhoes (Excavators) 130,000 lbs and over; Caisson Rigs and Pile Drivers

GROUP 2: Cranes, Tower Cranes and Derricks with or without attachments with a lifting capacity of 100 tons or under; or Cranes, Tower Cranes, and Derricks with boom, lead, and/or jib lengths measuring 175 feet or under; Backhoes (Excavators) under 130,000 lbs; Skid Rigs; Dredge Operator: Traveling Crane (Bridge type); Concrete Paver over 27 E; Concrete Spreader and Distributor; Concrete Pumps and Boring Machines (directional)

GROUP 3: Material Hoists; Stack Hoists; Tractor or Truck mounted Hydraulic Backhoe; Tractor or Truck Mounted Hydraulic Crane, 5 tons or under; Manhoist; Tractor over 40 hp; Bulldozer over 40 hp; Endloader over 40 hp; Forklift,

25 ft and over; Motor Patrol; Scraper Operator; Sideboom; Straddle Carrier; Mechanic and Welder; Bituminous Plant and Paver Operator; Roller over 5 tons; Percussion Drill Operator; Rotary Drill Operator; Blaster; Air Track Drill; Trencher (wheel type or chain type having over 8 inch bucket); Elevator; Milling Machine and Boring Machine (horizontal or vertical); Backhoe Mounted Compactor

GROUP 4: Backfiller; Concrete Auto Breaker (large); Concrete Finishing Machine (road type); Roller, Rubber Tire; Concrete Batch Hopper; Concrete Conveyor System; Concrete Mixers (14S or over); Screw type Pumps and Gypsum Pumps; Grout Pumps; Tractor, Bulldozer, End Loader, under 40 hp; Pumps (well points); Trencher (chain type 8 inch or smaller bucket); Industrial Locomotives; Roller under 5 tons; Fireman (Piledrivers and Derricks); Robotic Tool Carrier with or without attachments.

GROUP 5: Hoists (Automatic); Forklift, 12 ft to 25 ft; Tamper-Compactors, riding type; A-Frame and Winch Trucks; Concrete Auto Breaker; Hydrohammer, small; Brooms and Sweepers; Hoist (Tuggers); Stump Chipper, large; Boats (Tug, Safety, Work Barges and Launch); Shouldering Machine Operator; Screed Operator; Farm or Industrial Tractor; Post Hole Digger; Stone Crushers and Screening Plants; Firemen (Asphalt Plants); Air Compressor (400 CFM or over); Augers (vertical and horizontal); Generators, 150 KW and over; Air, Electric Hydraulic Jacks (Slipform); Prestress Machines; Skid Steer Loader with or without attachments; Boiler operators (temporary heat); Forklift, 12 ft and under; Screed Operator Milling Machine; Refrigeration Plant/Freeze Machine; Power Pack Vibratory/Ultra Sound Driver and Extractor; Generators under 150 KW; Combination small equipment operator; Compressors under 400 CFM; Welding Machines; Heaters, Mechanical; Pumps; Winches, Small Electric; Oiler and Greaser; Conveyor; High pressure utility locating machine (daylighting machine).

IRON0008-002 06/01/2017

BROWN, CALUMET, DOOR, FOND DU LAC, KEWAUNEE, MANITOWOC, MARINETTE, OCONTO, OUTAGAMI, SHAWANO, SHEBOYGAN, AND WINNEBAGO COUNTIES:

	Rates	Fringes
IRONWORKER.....	\$ 31.24	26.97

Paid Holidays: New Year's Day, Memorial Day, July 4th, Labor Day, Thanksgiving Day & Christmas Day.

IRON0008-003 06/01/2017

KENOSHA, MILWAUKEE, OZAUKEE, RACINE, WALWORTH (N.E. 2/3), WASHINGTON, AND WAUKESHA COUNTIES

	Rates	Fringes
IRONWORKER.....	\$ 33.19	26.97

Paid Holidays: New Year's Day, Memorial Day, July 4th, Labor Day, Thanksgiving Day & Christmas Day.

IRON0383-001 06/01/2017

ADAMS, COLUMBIA, CRAWFORD, DANE, DODGE, FLORENCE, FOREST, GRANT, GREENE, (Excluding S.E. tip), GREEN LAKE, IOWA, JEFFERSON, JUNEAU, LA CROSSE, LAFAYETTE, LANGLADE, MARATHON, MARQUETTE, MENOMINEE, MONROE, PORTAGE, RICHLAND, ROCK (Northern area, vicinity of Edgerton and Milton), SAUK, VERNON, WAUPACA, WAUSHARA, AND WOOD COUNTIES

	Rates	Fringes
IRONWORKER.....	\$ 34.50	23.82

IRON0498-005 06/01/2016

GREEN (S.E. 1/3), ROCK (South of Edgerton and Milton), and WALWORTH (S.W. 1/3) COUNTIES:

	Rates	Fringes
IRONWORKER.....	\$ 36.29	30.77

IRON0512-008 05/01/2017

BARRON, BUFFALO, CHIPPEWA, CLARK, DUNN, EAU CLAIRE, JACKSON, PEPIN, PIERCE, POLK, RUSK, ST CROIX, TAYLOR, AND TREMPLEAU COUNTIES

	Rates	Fringes
IRONWORKER.....	\$ 36.50	26.45

IRON0512-021 05/01/2017

ASHLAND, BAYFIELD, BURNETT, DOUGLAS, IRON, LINCOLN, ONEIDA, PRICE, SAWYER, VILAS AND WASHBURN COUNTIES

	Rates	Fringes
IRONWORKER.....	\$ 32.04	26.45

LAB00113-004 06/04/2018

MILWAUKEE, OZAUKEE, WASHINGTON, AND WAUKESHA COUNTIES

	Rates	Fringes
Laborers: (Open Cut)		
Group 1.....	\$ 15.11	20.65
Group 2.....	\$ 17.38	20.65
Group 3.....	\$ 20.92	20.65
Group 4.....	\$ 30.29	20.65
Group 5.....	\$ 30.43	20.65
Group 6.....	\$ 30.49	20.65
Group 7.....	\$ 32.70	20.65
Group 8.....	\$ 35.52	20.65
Group 9.....	\$ 36.16	20.65

LABORERS CLASSIFICATIONS [OPEN CUT]

GROUP 1: Yard Laborer

GROUP 2: Landscaper

GROUP 3: Flag Person

GROUP 4: Paving Laborer

GROUP 5: General Laborer on Surface; Top Man

GROUP 6: Mud Mixer

GROUP 7: Mucker; Form Stripper; Bottom Digger and Misc;
Bottom Man and Welder on Surface

GROUP 8: Concrete Manhole Builder; Caisson Worker; Miner;
Pipe Layer; Rock Driller and Joint Man; Timber Man and
Concrete Brusher; Bracer in Trench Behind Machine & Tight
Sheeting; Concrete Formsetter and Shoveler; Jackhammer
Operator

GROUP 9: Blaster

LAB00113-005 06/04/2018

SEWER, TUNNEL & UNDERGROUND

KENOSHA AND RACINE COUNTIES

	Rates	Fringes
Laborers:		
Group 1.....	\$ 21.78	20.65
Group 2.....	\$ 27.71	20.65
Group 3.....	\$ 30.27	20.65
Group 4.....	\$ 32.04	20.65

TUNNEL WORK UNDER COMPRESSED AIR: 0-15 lbs add \$1.00, 15-30
lbs add \$2.00, over 30 lbs add \$3.00

LABORERS CLASSIFICATIONS

GROUP 1: Flagperson

GROUP 2: Top Man, General Laborer, Wellpoint Installation, Wire Mesh and Reinforcement, Concrete Worker, Form Stripper, Strike-off Work

GROUP 3: Machine and Equipment Operator, Sheeting, Form Setting, Patch Finisher, Bottom Man, Joint Sawyer, Gunnite Man, Manhole Builder, Welder-Torchman, Blaster, Caulker, Bracer, Bull Float, Conduit Worker, Mucker and Car Pusher, Raker and Luteman, Hydraulic Jacking of Shields, Shield Drivers, Mining Machine, Lock Tenders, Mucking Machine Operator, Motor Men & Gauge Tenders and operation of incidental Mechanical Equipment and all Power Driven Tools

GROUP 4: Pipelayer, Miner and Laser Operator

LAB00113-008 06/04/2018

MILWAUKEE, OZAUKKE, WASHINGTON & WAUKESHA COUNTIES

	Rates	Fringes
Laborers: (Tunnel-Free Air)		
Group 1.....	\$ 20.92	20.65
Group 2.....	\$ 30.43	20.65
Group 3.....	\$ 30.49	20.65
Group 4.....	\$ 32.70	20.65
Group 5.....	\$ 32.84	20.65
Group 6.....	\$ 35.52	20.65
Group 7.....	\$ 36.16	20.65

LABORERS CLASSIFICATIONS [TUNNEL - FREE AIR]:

GROUP 1: Flagperson

GROUP 2: General Laborer on surface; Tower Man

GROUP 3: Saw Man; Top Man

GROUP 4: Form Stripper; Car Pusher

GROUP 5: Mucker; Dinkey; Welder (rate on surface)

GROUP 6: Concrete Manhole Builder; Mucking Machine; Miner; Mining Machine; Welder; Rock Driller; Concrete Buster; Jack Hammer Operator; Caisson Worker; Pipelayer and Joint Man; Bracerman

GROUP 7: Blaster

* LAB00113-009 06/04/2018

MILWAUKEE, OZAUKKE, WASHINGTON & WAUKESHA COUNTIES

	Rates	Fringes
Laborers: (Tunnel -		
*COMPRESSED AIR 0 - 15 lbs.)		
Group 1.....	\$ 20.92	20.65
Group 2.....	\$ 30.43	20.65
Group 3.....	\$ 33.24	20.65
Group 4.....	\$ 34.04	20.65
Group 5.....	\$ 34.16	20.65
Group 6.....	\$ 36.86	20.65
Group 7.....	\$ 37.48	20.65

LABORERS CLASSIFICATIONS [TUNNEL - COMPRESSED AIR]:

*Compressed Air 15 - 30 lbs add \$2.00 to all classifications

*Compressed Air over 30 lbs add \$3.00 to all classifications

GROUP 1: Flagperson

GROUP 2: General Laborer on surface

GROUP 3: Lock Tender on surface

GROUP 4: Form Stripper; Car Pusher

GROUP 5: Mucker; Dinkey

GROUP 6: Mucking Machine; Miner; Mining Machine; Welder & Rock Driller; Lock Tender in tunnel; Concrete Buster; Jack Hammer Operator; Caisson Worker; Pielayer and Joint Man; Bracerman; Nozzle Man on Gunite; Timber Man; Concrete Brusher

GROUP 7: Blaster

NOTE: Hazardous & Toxic Waste Removal: add \$0.15 per hour.

LABO0140-005 06/04/2018

ADAMS, ASHLAND, BARRON, BROWN, BUFFALO, CALUMET, CHIPPEWA, CLARK, COLUMBIA, CRAWFORD, DODGE, DOOR, DUNN, EAU CLAIRE, FLORENCE, FOND DU LAC, FOREST, GRANT, GREEN, GREEN LAKE, IOWA, JACKSON, JEFFERSON, JUNEAU, LACROSSE, LAFAYETTE, LANGLADE, LINCOLN, MANITOWOC, MARATHON, MARINETTE, MARQUETTE, MENOMINEE, MONROE, OCONTO, ONEIDA, OUTAGAMIE, PEPIN, PIERCE, POLK, PORTAGE, PRICE, RICHLAND, ROCK, RUSK, ST CROIX, SAUK, SAWYER, SHAWANO, SHEBOYGAN, TAYLOR, TREMPPEALEAU, VERNON, VILAS, WALWORTH, WASHBURN, WAUPACA, WAUSHARA, WINNEBAGO, AND WOOD COUNTIES

	Rates	Fringes
LABORER (SEWER & WATER)		
Group 1.....	\$ 27.41	17.20

Group 2.....	\$ 29.26	17.20
Group 3.....	\$ 29.46	17.20
Group 4.....	\$ 30.21	17.20

FOR ALL TUNNEL WORK UNDER COMPRESSED AIR: 0-15 lbs add \$1.00,
15-30 lbs add \$2.00, over 30 lbs add \$3.00

LABORER CLASSIFICATIONS:

GROUP 1: Flagperson

GROUP 2: General Laborer, Wellpoint Installation; Form
Stripper; Strike Off worker

GROUP 3: Sheeting Formsetting; Patch Finisher; Bottom Man;
Joint Sawyer; Gunnite Man; Manhole Builder; Welder;
Torchman; Blaster; Caulker Bracer; Bull Float; Mucker and
Car Pusher; Raker and Luteman; Hydraulic jacking of
shields, Shield Drivers; Mining Machine; Lock Tenders;
Mucking Machine Operators; Motor Men and Gauge Tenders;
Power Tool Operators

GROUP 4: Pipelayer, Miner, and Laser Operator

LAB00464-002 06/04/2018

DANE AND DOUGLAS COUNTIES

	Rates	Fringes
LABORER		
Group 1.....	\$ 27.31	17.20
Group 2.....	\$ 29.51	17.20
Group 3.....	\$ 29.71	17.20
Group 4.....	\$ 30.46	17.20

FOR ALL TUNNEL WORK UNDER COMPRESSED AIR: 0 - 15 lbs add
\$1.00, 15- 30 lbs add \$2.00, over 30 lbs add \$3.00

LABORERS CLASSIFICATIONS:

GROUP 1: Flagperson

GROUP 2: General Laborer; Wellpoint Installation; Concrete
Worker; Form Stripper; Strike Off worker

GROUP 3: Sheeting Formsetting; Patch Finisher; Bottom Man;
Joint Sawyer; Gunnite Man; Manhole Builder; Welder;
Torchman; Blaster; Caulker Bracer; Bull Float; Mucker and
Car Pusher; Raker and Luteman; Hydraulic jacking of
shields, Shield Drivers; Mining Machine; Lock Tenders;
Mucking Machine Operators; Motor Men and Gauge Tenders;
Power Tool Operators

GROUP 4: Pipelayer, Miner, and Laser Operator

LAB01091-010 06/04/2018

BAYFIELD, BURNETT, IRON, SAWYER, AND WASHBURN COUNTIES

	Rates	Fringes
Laborers: (SEWER & WATER)		
Group 1.....	\$ 27.10	17.20
Group 2.....	\$ 29.16	17.20
Group 3.....	\$ 29.36	17.20
Group 4.....	\$ 30.11	17.20

FOR ALL TUNNEL WORK UNDER COMPRESSED AIR:

0 - 15 lbs add \$1.00, 15-30 lbs add \$2.00, over 30 lbs add
\$3.00

LABORERS CLASSIFICATIONS:

GROUP 1: Flagperson

GROUP 2: Laborers, Wellpoint Installation; Form Stripper;
Strike Off worker

GROUP 3: Sheeting Formsetting; Patch Finisher; Bottom Man;
Joint Sawyer; Gunnite Man; Manhole Builder; Welder;
Torchman; Blaster; Caulker Bracer; Bull Float; Mucker and
Car Pusher; Raker and Luteman; Hydraulic jacking of
shields, Shield Drivers; Mining Machine; Lock Tenders;
Mucking Machine Operators; Motor Men and Gauge Tenders;
Power Tool Operators

GROUP 4: Pipelayer, Miner, and Laser Operator

PLAS0599-010 06/01/2017

	Rates	Fringes
CEMENT MASON/CONCRETE FINISHER		
Area 1.....	\$ 39.46	17.17
Area 2 (BAC).....	\$ 35.07	19.75
Area 3.....	\$ 35.61	19.40
Area 4.....	\$ 34.70	20.51
Area 5.....	\$ 36.27	18.73
Area 6.....	\$ 32.02	22.99

AREA DESCRIPTIONS

AREA 1: BAYFIELD, DOUGLAS, PRICE, SAWYER, AND WASHBURN
COUNTIES

AREA 2: ADAMS, ASHLAND, BARRON, BROWN, BURNETT, CALUMET,
CHIPPEWA, CLARK, COLUMBIA, DODGE, DOOR, DUNN, FLORENCE,
FOND DU LAC, FOREST, GREEN LAKE, IRON, JEFFERSON, KEWAUNEE,
LANGLADE, LINCOLN, MANITOWOC, MARATHON, MARINETTE,
MARQUETTE, MENOMINEE, OCONTO, ONEIDA, OUTAGAMIE, POLK,

PORTAGE, RUSK, ST CROIX, SAUK, SHAWANO, SHEBOYGAN, TAYLOR,
VILAS, WALWORTH, WAUPACA, WAUSHARA, WINNEBAGO, AND WOOD
COUNTIES

AREA 3: BUFFALO, CRAWFORD, EAU CLAIRE, JACKSON, JUNEAU, LA
CROSSE MONROE, PEPIN, PIERCE, RICHLAND, TREMPEREAU, AND
VERNON COUNTIES

AREA 4: MILWAUKEE, OZAUKEE, WASHINGTON, AND WAUKESHA COUNTIES

AREA 5: DANE, GRANT, GREEN, IOWA, LAFAYETTE, AND ROCK
COUNTIES

AREA 6: KENOSHA AND RACINE COUNTIES

TEAM0039-001 06/01/2018

	Rates	Fringes
TRUCK DRIVER		
1 & 2 Axles.....	\$ 28.12	21.20
3 or more Axles; Euclids Dumptor & Articulated, Truck Mechanic.....	\$ 28.27	21.20

WELL DRILLER.....	\$ 16.52	3.70

WELDERS - Receive rate prescribed for craft performing
operation to which welding is incidental.

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Note: Executive Order (EO) 13706, Establishing Paid Sick Leave for Federal Contractors applies to all contracts subject to the Davis-Bacon Act for which the contract is awarded (and any solicitation was issued) on or after January 1, 2017. If this contract is covered by the EO, the contractor must provide employees with 1 hour of paid sick leave for every 30 hours they work, up to 56 hours of paid sick leave each year. Employees must be permitted to use paid sick leave for their own illness, injury or other health-related needs, including preventive care; to assist a family member (or person who is like family to the employee) who is ill, injured, or has other health-related needs, including preventive care; or for reasons resulting from, or to assist a family member (or person who is like family to the employee) who is a victim of, domestic violence, sexual assault, or stalking. Additional information on contractor requirements and worker protections under the EO is available at www.dol.gov/whd/govcontracts.

Unlisted classifications needed for work not included within the scope of the classifications listed may be added after award only as provided in the labor standards contract clauses (29CFR 5.5 (a) (1) (ii)).

The body of each wage determination lists the classification and wage rates that have been found to be prevailing for the cited type(s) of construction in the area covered by the wage determination. The classifications are listed in alphabetical order of "identifiers" that indicate whether the particular rate is a union rate (current union negotiated rate for local), a survey rate (weighted average rate) or a union average rate (weighted union average rate).

Union Rate Identifiers

A four letter classification abbreviation identifier enclosed in dotted lines beginning with characters other than "SU" or "UAVG" denotes that the union classification and rate were prevailing for that classification in the survey. Example: PLUM0198-005 07/01/2014. PLUM is an abbreviation identifier of the union which prevailed in the survey for this classification, which in this example would be Plumbers. 0198 indicates the local union number or district council number where applicable, i.e., Plumbers Local 0198. The next number, 005 in the example, is an internal number used in processing the wage determination. 07/01/2014 is the effective date of the most current negotiated rate, which in this example is July 1, 2014.

Union prevailing wage rates are updated to reflect all rate changes in the collective bargaining agreement (CBA) governing this classification and rate.

Survey Rate Identifiers

Classifications listed under the "SU" identifier indicate that no one rate prevailed for this classification in the survey and the published rate is derived by computing a weighted average rate based on all the rates reported in the survey for that classification. As this weighted average rate includes all rates reported in the survey, it may include both union and non-union rates. Example: SULA2012-007 5/13/2014. SU indicates the rates are survey rates based on a weighted average calculation of rates and are not majority rates. LA indicates the State of Louisiana. 2012 is the year of survey on which these classifications and rates are based. The next number, 007 in the example, is an internal number used in producing the wage determination. 5/13/2014 indicates the survey completion date for the classifications and rates under that identifier.

Survey wage rates are not updated and remain in effect until a new survey is conducted.

Union Average Rate Identifiers

Classification(s) listed under the UAVG identifier indicate that no single majority rate prevailed for those classifications; however, 100% of the data reported for the

classifications was union data. EXAMPLE: UAVG-OH-0010 08/29/2014. UAVG indicates that the rate is a weighted union average rate. OH indicates the state. The next number, 0010 in the example, is an internal number used in producing the wage determination. 08/29/2014 indicates the survey completion date for the classifications and rates under that identifier.

A UAVG rate will be updated once a year, usually in January of each year, to reflect a weighted average of the current negotiated/CBA rate of the union locals from which the rate is based.

WAGE DETERMINATION APPEALS PROCESS

1.) Has there been an initial decision in the matter? This can be:

- * an existing published wage determination
- * a survey underlying a wage determination
- * a Wage and Hour Division letter setting forth a position on a wage determination matter
- * a conformance (additional classification and rate) ruling

On survey related matters, initial contact, including requests for summaries of surveys, should be with the Wage and Hour Regional Office for the area in which the survey was conducted because those Regional Offices have responsibility for the Davis-Bacon survey program. If the response from this initial contact is not satisfactory, then the process described in 2.) and 3.) should be followed.

With regard to any other matter not yet ripe for the formal process described here, initial contact should be with the Branch of Construction Wage Determinations. Write to:

Branch of Construction Wage Determinations
Wage and Hour Division
U.S. Department of Labor
200 Constitution Avenue, N.W.
Washington, DC 20210

2.) If the answer to the question in 1.) is yes, then an interested party (those affected by the action) can request review and reconsideration from the Wage and Hour Administrator (See 29 CFR Part 1.8 and 29 CFR Part 7). Write to:

Wage and Hour Administrator
U.S. Department of Labor
200 Constitution Avenue, N.W.
Washington, DC 20210

The request should be accompanied by a full statement of the interested party's position and by any information (wage payment data, project description, area practice material,

etc.) that the requestor considers relevant to the issue.

3.) If the decision of the Administrator is not favorable, an interested party may appeal directly to the Administrative Review Board (formerly the Wage Appeals Board). Write to:

Administrative Review Board
U.S. Department of Labor
200 Constitution Avenue, N.W.
Washington, DC 20210

4.) All decisions by the Administrative Review Board are final.

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END OF GENERAL DECISION

General Decision Number: WI190015 02/22/2019 WI15

Superseded General Decision Number: WI20180015

State: Wisconsin

Construction Type: Heavy

Counties: Wisconsin Statewide.

HEAVY CONSTRUCTION PROJECTS (Excluding Tunnel, Sewer, and Water Lines).

Note: Under Executive Order (EO) 13658, an hourly minimum wage of \$10.60 for calendar year 2019 applies to all contracts subject to the Davis-Bacon Act for which the contract is awarded (and any solicitation was issued) on or after January 1, 2015. If this contract is covered by the EO, the contractor must pay all workers in any classification listed on this wage determination at least \$10.60 per hour (or the applicable wage rate listed on this wage determination, if it is higher) for all hours spent performing on the contract in calendar year 2019. If this contract is covered by the EO and a classification considered necessary for performance of work on the contract does not appear on this wage determination, the contractor must pay workers in that classification at least the wage rate determined through the conformance process set forth in 29 CFR 5.5(a)(1)(ii) (or the EO minimum wage rate, if it is higher than the conformed wage rate). The EO minimum wage rate will be adjusted annually. Please note that this EO applies to the above-mentioned types of contracts entered into by the federal government that are subject to the Davis-Bacon Act itself, but it does not apply to contracts subject only to the Davis-Bacon Related Acts, including those set forth at 29 CFR 5.1(a)(2)-(60). Additional information on contractor requirements and worker protections under the EO is available at www.dol.gov/whd/govcontracts.

Modification Number	Publication Date
0	01/04/2019
1	02/22/2019

BOIL0107-001 01/01/2017

	Rates	Fringes
BOILERMAKER		
Boilermaker.....	\$ 35.65	29.89
Small Boiler Repair (under		
25,000 lbs/hr).....	\$ 26.91	16.00

BRWI0001-002 06/01/2018

CRAWFORD, JACKSON, JUNEAU, LA CROSSE, MONROE, TREMPLEAU, AND
VERNON COUNTIES

	Rates	Fringes
BRICKLAYER.....	\$ 33.06	22.65

BRWI0002-002 06/01/2018		

ASHLAND, BAYFIELD, DOUGLAS, AND IRON COUNTIES

	Rates	Fringes
BRICKLAYER.....	\$ 38.87	21.26

BRWI0002-005 06/01/2018		

ADAMS, ASHLAND, BARRON, BROWN, BURNETT, CALUMET, CHIPPEWA,
CLARK, COLUMBIA, DODGE, DOOR, DUNN, FLORENCE, FOND DU LAC,
FOREST, GREEN LAKE, IRON, JEFFERSON, KEWAUNEE, LANGLADE,
LINCOLN, MANITOWOC, MARATHON, MARINETTE, MARQUETTE, MENOMINEE,
OCONTO, ONEIDA, OUTAGAMIE, POLK, PORTAGE, RUSK, ST CROIX, SAUK,
SHAWANO, SHEBOYGAN, TAYLOR, VILAS, WALWORTH, WAUPACA, WAUSHARA,
WINNEBAGO, AND WOOD COUNTIES

	Rates	Fringes
CEMENT MASON/CONCRETE FINISHER...	\$ 35.39	21.46

BRWI0003-002 06/01/2018		

BROWN, DOOR, FLORENCE, KEWAUNEE, MARINETTE, AND OCONTO COUNTIES

	Rates	Fringes
BRICKLAYER.....	\$ 33.44	22.27

BRWI0004-002 06/01/2018		

KENOSHA, RACINE, AND WALWORTH COUNTIES

	Rates	Fringes
BRICKLAYER.....	\$ 37.66	23.35

BRWI0006-002 06/01/2018		

ADAMS, CLARK, FOREST, LANGLADE, LINCOLN, MARATHON, MENOMINEE,
ONEIDA, PORTAGE, PRICE, TAYLOR, VILAS AND WOOD COUNTIES

	Rates	Fringes
BRICKLAYER.....	\$ 34.30	21.41

BRWI0007-002 06/01/2018		

GREEN, LAFAYETTE, AND ROCK COUNTIES

	Rates	Fringes
BRICKLAYER.....	\$ 34.82	22.59

BRWI0008-002 06/01/2018		

MILWAUKEE, OZAUKEE, WASHINGTON, AND WAUKESHA COUNTIES

	Rates	Fringes
BRICKLAYER.....	\$ 38.03	22.55

BRWI0009-001 06/01/2018		

GREEN LAKE, MARQUETTE, OUTAGAMIE, SHAWANO, WAUPACA, WASHARA,
AND WINNEBAGO COUNTIES

	Rates	Fringes
BRICKLAYER.....	\$ 33.44	22.27

* BRWI0011-002 06/01/2018		

CALUMET, FOND DU LAC, MANITOWOC, AND SHEBOYGAN COUNTIES

	Rates	Fringes
BRICKLAYER.....	\$ 33.44	22.27

BRWI0013-002 06/01/2018		

DANE, GRANT, IOWA, AND RICHLAND COUNTIES

	Rates	Fringes
BRICKLAYER.....	\$ 34.80	22.61

BRWI0019-002 06/01/2018		

BARRON, BUFFALO, BURNETT, CHIPPEWA, DUNN, EAU CLAIRE, PEPIN,
PIERCE, POLK, RUSK, ST. CROIX, SAWYER AND WASHBURN COUNTIES

	Rates	Fringes
BRICKLAYER.....	\$ 32.97	22.74

BRWI0021-002 06/01/2018		

DODGE AND JEFFERSON COUNTIES

	Rates	Fringes
BRICKLAYER.....	\$ 35.24	22.15

BRWI0034-002 06/01/2018		

COLUMBIA AND SAUK COUNTIES

	Rates	Fringes
BRICKLAYER.....	\$ 34.80	22.61

CARP0087-001 05/01/2016

BURNETT (W. of Hwy 48), PIERCE (W. of Hwy 29), POLK (W. of Hwys 35, 48 & 65), AND ST. CROIX (W. of Hwy 65) COUNTIES

	Rates	Fringes
Carpenter & Piledrivermen.....	\$ 36.85	18.39

CARP0252-002 06/01/2016

ADAMS, BARRON, BAYFIELD (Eastern 2/3), BROWN, BUFFALO, BURNETT (E. of Hwy 48), CALUMET, CHIPPEWA, CLARK, COLUMBIA, CRAWFORD, DANE, DODGE, DOOR, DUNN, EAU CLAIRE, FLORENCE (except area bordering Michigan State Line), FOND DU LAC, FOREST, GRANT, GREEN, GREEN LAKE, IOWA, IRON, JACKSON, JEFFERSON, JUNEAU, KEWAUNEE, LA CROSSE, LAFAYETTE, LANGLADE, LINCOLN, MANITOWOC, MARATHON, MARINETTE (except N.E. corner), MARQUETTE, MENOMINEE, MONROE, OCONTO, ONEIDA, OUTAGAMIE, PEPIN, PIERCE (E. of Hwys 29 & 65), POLK (E. of Hwys 35, 48 & 65), PORTAGE, PRICE, RICHLAND, ROCK, RUSK, SAUK, SAWYER, SHAWANO, SHEBOYGAN, ST CROIX (E. of Hwy 65), TAYLOR, TREMPLEAU, VERNON, VILAS, WALWORTH, WASHBURN, WAUPACA, WAUSHARA, WINNEBAGO, AND WOOD COUNTIES

	Rates	Fringes
CARPENTER		
CARPENTER.....	\$ 33.56	18.00
MILLWRIGHT.....	\$ 35.08	18.35
PILEDRIVER.....	\$ 34.12	18.00

CARP0252-010 06/01/2016

ASHLAND COUNTY

	Rates	Fringes
Carpenters		
Carpenter.....	\$ 33.56	18.00
Millwright.....	\$ 35.08	18.35
Pile Driver.....	\$ 34.12	18.00

CARP0264-003 06/01/2016

KENOSHA, MILWAUKEE, OZAUKEE, RACINE, WAUKESHA, AND WASHINGTON COUNTIES

Rates	Fringes

CARPENTER.....	\$ 35.78	22.11

CARP0361-004 05/01/2018

BAYFIELD (West of Hwy 63) AND DOUGLAS COUNTIES

	Rates	Fringes
CARPENTER.....	\$ 36.15	20.43

CARP2337-001 06/01/2016

ZONE A: MILWAUKEE, OZAUKEE, WAUKESHA AND WASHINGTON

ZONE B: KENOSHA & RACINE

	Rates	Fringes
PILEDRIVERMAN		
Zone A.....	\$ 31.03	22.69
Zone B.....	\$ 31.03	22.69

CARP2337-003 06/01/2016

	Rates	Fringes
MILLWRIGHT		
Zone A.....	\$ 29.98	21.53
Zone B.....	\$ 29.98	21.53

ZONE DEFINITIONS

ZONE A: MILWAUKEE, OZAUKEE, WAUKESHA AND WASHINGTON COUNTIES

ZONE B: KENOSHA & RACINE COUNTIES

ELEC0014-002 06/04/2018

ASHLAND, BARRON, BAYFIELD, BUFFALO, BURNETT, CHIPPEWA, CLARK
(except Maryville, Colby, Unity, Sherman, Fremont, Lynn &
Sherwood), CRAWFORD, DUNN, EAU CLAIRE, GRANT, IRON, JACKSON, LA
CROSSE, MONROE, PEPIN, PIERCE, POLK, PRICE, RICHLAND, RUSK, ST
CROIX, SAWYER, TAYLOR, TREMPLEAU, VERNON, AND WASHBURN
COUNTIES

	Rates	Fringes
Electricians:.....	\$ 34.21	20.46

ELEC0014-007 06/05/2018

REMAINING COUNTIES

	Rates	Fringes

Teledata System Installer

Installer/Technician.....\$ 26.25	13.92

Low voltage construction, installation, maintenance and removal of teledata facilities (voice, data, and video) including outside plant, telephone and data inside wire, interconnect, terminal equipment, central offices, PABX, fiber optic cable and equipment, micro waves, V-SAT, bypass, CATV, WAN (wide area networks), LAN (local area networks), and ISDN (integrated systems digital network).

ELEC0127-002 06/01/2017

KENOSHA COUNTY

	Rates	Fringes
Electricians:.....	\$ 38.50	30%+10.57

ELEC0158-002 06/04/2018

BROWN, DOOR, KEWAUNEE, MANITOWOC (except Schleswig), MARINETTE (Wausaukee and area South thereof), OCONTO, MENOMINEE (East of a line 6 miles West of the West boundary of Oconto County), SHAWANO (Except Area North of Townships of Aniwa and Hutchins) COUNTIES

	Rates	Fringes
Electricians:.....	\$ 32.50	19.68

ELEC0159-003 06/01/2018

COLUMBIA, DANE, DODGE (Area West of Hwy 26, except Chester and Emmet Townships), GREEN, LAKE (except Townships of Berlin, Seneca, and St. Marie), IOWA, MARQUETTE (except Townships of Neshkoka, Crystal Lake, Newton, and Springfield), and SAUK COUNTIES

	Rates	Fringes
Electricians:.....	\$ 39.04	21.56

ELEC0219-004 06/01/2016

FLORENCE COUNTY (Townships of Aurora, Commonwealth, Fern, Florence and Homestead) AND MARINETTE COUNTY (Township of Niagara)

	Rates	Fringes
Electricians:		
Electrical contracts over		

\$180,000.....	\$ 32.38	18.63
Electrical contracts under		
\$180,000.....	\$ 30.18	18.42

ELEC0242-005 05/16/2018

DOUGLAS COUNTY

	Rates	Fringes
Electricians:.....	\$ 36.85	26.17

ELEC0388-002 06/03/2018

ADAMS, CLARK (Colby, Freemont, Lynn, Mayville, Sherman, Sherwood, Unity), FOREST, JUNEAU, LANGLADE, LINCOLN, MARATHON, MARINETTE (Beecher, Dunbar, Goodman & Pembine), MENOMINEE (Area West of a line 6 miles West of the West boundary of Oconto County), ONEIDA, PORTAGE, SHAWANO (Aniwa and Hutchins), VILAS AND WOOD COUNTIES

	Rates	Fringes
Electricians:.....	\$ 32.55	19.02

* ELEC0430-002 01/01/2019

RACINE COUNTY (Except Burlington Township)

	Rates	Fringes
Electricians:.....	\$ 38.78	21.59

ELEC0494-005 06/01/2018

MILWAUKEE, OZAUKEE, WASHINGTON, AND WAUKESHA COUNTIES

	Rates	Fringes
Electricians:.....	\$ 39.31	24.69

ELEC0494-006 06/01/2018

CALUMET (Township of New Holstein), DODGE (East of Hwy 26 including Chester Township), FOND DU LAC, MANITOWOC (Schleswig), and SHEBOYGAN COUNTIES

	Rates	Fringes
Electricians:.....	\$ 33.40	22.08

ELEC0494-013 06/01/2018

DODGE (East of Hwy 26 including Chester Twp, excluding Emmet Twp), FOND DU LAC (Except Waupuin), MILWAUKEE, OZAUKEE, MANITOWOC (Schleswig), WASHINGTON, AND WAUKESHA COUNTIES

	Rates	Fringes
Sound & Communications		
Installer.....	\$ 19.56	15.78
Technician.....	\$ 28.99	16.25

Installation, testing, maintenance, operation and servicing of all sound, intercom, telephone interconnect, closed circuit TV systems, radio systems, background music systems, language laboratories, electronic carillon, antenna distribution systems, clock and program systems and low-voltage systems such as visual nurse call, audio/visual nurse call systems, doctors entrance register systems. Includes all wire and cable carrying audio, visual, data, light and radio frequency signals. Includes the installation of conduit, wiremold, or raceways in existing structures that have been occupied for six months or more where required for the protection of the wire or cable, but does not mean a complete conduit or raceway system. work covered does not include the installation of conduit, wiremold or any raceways in any new construction, or the installation of power supply outlets by means of which external electric power is supplied to any of the foregoing equipment or products

ELEC0577-003 06/01/2018

CALUMET (except Township of New Holstein), GREEN LAKE (N. part including Townships of Berlin, St Marie, and Seneca), MARQUETTE (N. part including Townships of Crystal Lake, Neshkoro, Newton, and Springfield), OUTAGAMIE, WAUPACA, WAUSHARA, AND WINNEBAGO COUNTIES

	Rates	Fringes
Electricians:.....	\$ 32.18	18.59

ELEC0890-003 06/01/2018

DODGE (Emmet Township only), GREEN, JEFFERSON, LAFAYETTE, RACINE (Burlington Township), ROCK AND WALWORTH COUNTIES

	Rates	Fringes
Electricians:.....	\$ 34.15	19.63

ELEC0953-001 07/01/2015

	Rates	Fringes
Line Construction:		
(1) Lineman.....	\$ 42.14	32% + 5.00
(2) Heavy Equipment		

Operator.....	\$ 40.03	32% + 5.00
(3) Equipment Operator.....	\$ 33.71	32% + 5.00
(4) Heavy Groundman Driver..	\$ 26.78	14.11
(5) Light Groundman Driver..	\$ 24.86	13.45
(6) Groundsman.....	\$ 23.18	32% + 5.00

 ENGI0139-001 06/01/2018

KENOSHA, MILWAUKEE, OZAUKEE, RACINE, WASHINGTON, AND WAUKESHA
 COUNTIES

	Rates	Fringes
Power Equipment Operator		
Group 1.....	\$ 45.61	21.40
Group 2.....	\$ 45.11	21.40
Group 3.....	\$ 44.61	21.40
Group 4.....	\$ 43.92	21.40
Group 5.....	\$ 41.14	21.40
Group 6.....	\$ 35.99	21.40

HAZARDOUS WASTE PREMIUMS:

EPA Level "A" Protection: \$3.00 per hour
 EPA Level "B" Protection: \$2.00 per hour
 EPA Level "C" Protection: \$1.00 per hour

POWER EQUIPMENT OPERATORS CLASSIFICATIONS

GROUP 1: Cranes, Tower Cranes, Pedestal Tower Cranes and Derricks with or w/o attachments with a lifting capacity of over 100 tons; or Cranes, Tower Cranes, Pedestal Tower Cranes and Derricks with boom, leads, and/or jib lengths measuring 176 feet or longer; Self-Erecting Tower Cranes over 4000 lbs lifting capacity; All Cranes with Boom Dollies; Boring Machines (directional); Master Mechanic. \$0.50 additional per hour per 100 tons or 100 ft of boom over 200 ft or lifting capacity of crane over 200 tons to a maximum of 300 tons or 300 ft. Thereafter an increase of \$0.01 per ft or ton, whichever is greater.

GROUP 2: Cranes, Tower Cranes, Pedestal Tower Cranes and Derricks with or without attachments with a lifting capacity of 100 tons or less; or Cranes, Tower Cranes Portable Tower Cranes, Pedestal Tower Cranes and Derricks with boom, leads and/or jib lengths measuring 175 feet or less; Backhoes (excavators) 130,000 lbs and over; Caisson Rigs; Pile Drivers; Boring Machines (vertical or horizontal), Versi-Lift, Tri-Lift, Gantry 20,000 lbs & over.

GROUP 3: Backhoe (excavator) under 130,000 lbs; Self-erecting Tower Crane 4000 lbs & under lifting capacity; Traveling Crane (bridge type); Skid Rigs; Dredge Operator; Mechanic; Concrete Paver (over 27E); Concrete Spreader and Distributor; Forklift/ Telehandler (machinery- moving / steel erection); Hydro Blaster, 10,000 psi and over

GROUP 4: Material Hoists; Stack Hoists; Hydraulic Backhoe

(tractor or truck mounted); Hydraulic Crane, 5 tons or under (tractor or truck mounted); Hoist (tuggers 5 tons & over); Hydro-Excavators/Daylighters; Concrete Pumps Rotec type Conveyors; Tractor/Bulldozer/End Loader (over 40 hp); Motor Patrol; Scraper Operator; Sideboom; Straddle Carrier; Welder; Bituminous Plant and Paver Operator; Roller over 5 tons; Rail Leveling Machine (Railroad); Tie Placer; Tie Extractor; Tie Tamper; Stone Leveler; Rotary Drill Operator and Blaster; Percussion Drill Operator; Air Track Drill and/or Hammers; Gantry (under 20,000 lbs); Trencher (wheel type or chain type having 8 inch or larger bucket); Milling Machine; Off-Road Material Haulers.

GROUP 5: Backfiller; Concrete Auto Breaker (large); Concrete Finishing Machines (road type); Rubber Tired Roller; Concrete Batch Hopper; Concrete Conveyor Systems; Grout Pumps; Concrete Mixers (14S or over); Screw Type Pumps and Gypsum Pumps; Tractor, Bulldozer, End Loader (under 40 hp); Trencher (chain type, bucket under 8 inch); Industrial Locomotives; Rollers under 5 tons; Stump Grinder/Chipper (Large); Timber Equipment; Firemen (pile drivers and derricks); Personnel Hoist, Telehandler over 8000 lbs; Robotic Tool Carrier with or without attachments

GROUP 6: Tampers - Compactors (riding type); Assistant Engineer; A-Frames and Winch Trucks; Concrete Auto Breaker; Hydrohammers (small); Brooms and Sweepers; Hoist (tuggers under 5 tons); Boats (Tug, Safety, Work Barges, Launch); Shouldering Machine Operator; Prestress Machines; Screed Operator; Stone Crushers and Screening Plants; Screed Operators (milling machine), Farm or Industrial Tractor Mounted Equipment; Post Hole Digger; Fireman (asphalt plants); Air Compressors over 400 CFM; Generators, over 150 KW; Augers (vertical and horizontal); Air, Electric, Hydraulic Jacks (slipform); Skid Steer Loaders (with or without attachments); Boiler Operators (temporary heat); Refrigeration Plant/Freeze Machines; Power Pack Vibratory/Ultra Sound Drivers and Extractors; Welding Machines; Heaters (mechanical); Pumps; Winches (small electric); Oiler and Greaser; Rotary Drill Tender; Conveyor; Forklifts/Telehandler 8000 lbs & under; Elevators: Automatic Hoists; Pumps (well points); Combination Small Equipment Operators

 ENGI0139-003 06/04/2018

REMAINING COUNTIES

	Rates	Fringes
Power Equipment Operator		
Group 1.....	\$ 40.72	21.60
Group 2.....	\$ 39.47	21.60
Group 3.....	\$ 38.17	21.60
Group 4.....	\$ 37.64	21.60
Group 5.....	\$ 35.57	21.60
Group 6.....	\$ 34.04	21.60

HAZARDOUS WASTE PREMIUMS:

EPA Level "A" Protection: \$3.00 per hour

EPA Level "B" Protection: \$2.00 per hour

EPA Level "C" Protection: \$1.00 per hour

POWER EQUIPMENT OPERATORS CLASSIFICATIONS

GROUP 1: Cranes, Tower Cranes and Derricks with or without attachments with a lifting capacity of over 100 tons; Cranes, Tower Cranes, and Derricks with boom, leads and/or jib lengths 176 ft or longer.

GROUP 2: Backhoes (Excavators) weighing 130,000 lbs and over; Cranes, Tower Cranes and Derricks with or without attachments with a lifting capacity of 100 tons or less; Cranes, Tower Cranes, and Derricks with boom, leads, and/or jib lengths 175 ft or less; Caisson Rigs; Pile Driver

GROUP 3: Backhoes (Excavators) weighing under 130,000 lbs; Travelling Crane (bridge type); Milling Machine; Concrete Paver over 27 E; Concrete Spreader and Distributor; Concrete Laser Screed; Concrete Grinder and Planing Machine; Slipform Curb and Gutter Machine; Boring Machine (Directional); Dredge Operator; Skid Rigs; over 46 meter Concrete Pump.

GROUP 4: Hydraulic Backhoe (tractor or truck mounted); Hydraulic Crane, 10 tons or less; Tractor, Bulldozer, or End Loader (over 40 hp); Motor Patrol; Scraper Operator; Bituminous Plant and Paver Operator; Screed-Milling Machine; Roller over 5 tons; Concrete pumps 46 meter and under; Grout Pumps; Rotec type machine; Hydro Blaster, 10,000 psi and over; Rotary Drill Operator; Percussion Drilling Machine; Air Track Drill with or without integral hammer; Blaster; Boring Machine (vertical or horizontal); Side Boom; Trencher, wheel type or chain type having 8 inch or larger bucket; Rail Leveling Machine (Railroad); Tie Placer; Tie Extractor; Tie Tamper; Stone Leveler; Straddle Carrier; Material Hoists; Stack Hoist; Man Hoists; Mechanic and Welder; Off Road Material Haulers.

GROUP 5: Tractor, Bulldozer, or Endloader (under 40 hp); Tampers -Compactors, riding type; Stump Chipper, large; Roller, Rubber Tire; Backfiller; Trencher, chain type (bucket under 8 inch); Concrete Auto Breaker, large; Concrete Finishing Machine (road type); Concrete Batch Hopper; Concrete Conveyor Systems; Concrete Mixers, 14S or over; Pumps, Screw Type and Gypsum); Hydrohammers, small; Brooms and Sweepers; Lift Slab Machine; Roller under 5 tons; Industrial Locomotives; Fireman (Pile Drivers and Derricks); Pumps (well points); Hoists, automatic; A-Frames and Winch Trucks; Hoists (tuggers); Boats (Tug, Safety, Work Barges and Launches); Assistant Engineer

GROUP 6: Shouldering Machine Operator; Farm or Industrial Tractor mounted equipment; Post Hole Digger; Auger (vertical and horizontal); Skid Steer Loader with or

without attachments; Robotic Tool Carrier with or without attachments; Power Pack Vibratory/Ultra Sound Driver and Extractor; Fireman (Asphalt Plants); Screed Operator; Stone Crushers and Screening Plants; Air, Electric, Hydraulic Jacks (Slip Form); Prestress Machines; Air Compressor, 400 CFM or over; Refrigeration Plant/Freeze Machine; Boiler Operators (temporary heat); Forklifts; Welding Machines; Generators; Pumps over 3"; Heaters, Mechanical; Combination small equipment operator; Winches, small electric; Oiler; Greaser; Rotary Drill Tender; Conveyor; Elevator Operator

IRON0008-002 06/01/2017

BROWN, CALUMET, DOOR, FOND DU LAC, KEWAUNEE, MANITOWOC, MARINETTE, OCONTO, OUTAGAMI, SHAWANO, SHEBOYGAN, AND WINNEBAGO COUNTIES:

	Rates	Fringes
IRONWORKER.....	\$ 31.24	26.97

Paid Holidays: New Year's Day, Memorial Day, July 4th, Labor Day, Thanksgiving Day & Christmas Day.

IRON0008-003 06/01/2017

KENOSHA, MILWAUKEE, OZAUKEE, RACINE, WALWORTH (N.E. 2/3), WASHINGTON, AND WAUKESHA COUNTIES

	Rates	Fringes
IRONWORKER.....	\$ 33.19	26.97

Paid Holidays: New Year's Day, Memorial Day, July 4th, Labor Day, Thanksgiving Day & Christmas Day.

IRON0383-001 06/01/2017

ADAMS, COLUMBIA, CRAWFORD, DANE, DODGE, FLORENCE, FOREST, GRANT, GREENE, (Excluding S.E. tip), GREEN LAKE, IOWA, JEFFERSON, JUNEAU, LA CROSSE, LAFAYETTE, LANGLADE, MARATHON, MARQUETTE, MENOMINEE, MONROE, PORTAGE, RICHLAND, ROCK (Northern area, vicinity of Edgerton and Milton), SAUK, VERNON, WAUPACA, WAUSHARA, AND WOOD COUNTIES

	Rates	Fringes
IRONWORKER.....	\$ 34.50	23.82

IRON0512-008 05/01/2017

BARRON, BUFFALO, CHIPPEWA, CLARK, DUNN, EAU CLAIRE, JACKSON,

PEPIN, PIERCE, POLK, RUSK, ST CROIX, TAYLOR, AND TREMPLEAU
COUNTIES

	Rates	Fringes
IRONWORKER.....	\$ 36.50	26.45

IRON0512-021 05/01/2017

ASHLAND, BAYFIELD, BURNETT, DOUGLAS, IRON, LINCOLN, ONEIDA,
PRICE, SAWYER, VILAS AND WASHBURN COUNTIES

	Rates	Fringes
IRONWORKER.....	\$ 32.04	26.45

LAB00113-002 06/04/2018

MILWAUKEE AND WAUKESHA COUNTIES

	Rates	Fringes
LABORER		
Group 1.....	\$ 27.88	21.76
Group 2.....	\$ 28.03	21.76
Group 3.....	\$ 28.23	21.76
Group 4.....	\$ 28.38	21.76
Group 5.....	\$ 28.53	21.76
Group 6.....	\$ 24.37	21.76

LABORERS CLASSIFICATIONS

GROUP 1: General Laborer; Tree Trimmer; Conduit Layer;
Demolition and Wrecking Laborer; Guard Rail, Fence, and
Bridge Builder; Landscaper; Multiplate Culvert Assembler;
Stone Handler; Bituminous Worker (Shoveler, Loader, and
Utility Man); Batch Truck Dumper or Cement Handler;
Bituminous Worker (Dumper, Ironer, Smoother, and Tamper);
Concrete Handler

GROUP 2: Air Tool Operator; Joint Sawyer and Filler
(Pavement); Vibrator or Tamper Operator (Mechanical Hand
Operated); Chain Saw Operator; Demolition Burning Torch
Laborer

GROUP 3: Bituminous Worker (Raker and Luteman); Formsetter
(Curb, Sidewalk, and Pavement); Strike Off Man

GROUP 4: Line and Grade Specialist

GROUP 5: Blaster and Powderman

GROUP 6: Flagperson; traffic control person

LAB00113-003 06/04/2018

OZAUKEE AND WASHINGTON COUNTIES

	Rates	Fringes
LABORER		
Group 1.....	\$ 27.13	21.76
Group 2.....	\$ 27.23	21.76
Group 3.....	\$ 27.28	21.76
Group 4.....	\$ 27.48	21.76
Group 5.....	\$ 27.33	21.76
Group 6.....	\$ 24.22	21.76

LABORERS CLASSIFICATIONS

GROUP 1: General Laborer; Tree Trimmer; Conduit Layer; Demolition and Wrecking Laborer; Guard Rail, Fence, and Bridge Builder; Landscaper; Multiplate Culvert Assembler; Stone Handler; Bituminous Worker (Shoveler, Loader, and Utility Man); Batch Truck Dumper or Cement Handler; Bituminous Worker (Dumper, Ironer, Smoother, and Tamper); Concrete Handler

GROUP 2: Air Tool Operator; Joint Sawyer and Filler (Pavement); Vibrator or Tamper Operator (Mechanical Hand Operated);

GROUP 3: Bituminous Worker (Raker and Luteman); Formsetter (Curb, Sidewalk, and Pavement); Strike Off Man

GROUP 4: Line and Grade Specialist

GROUP 5: Blaster; powderman

GROUP 6: Flagperson and Traffic Control Person

LAB00113-011 06/04/2018

KENOSHA AND RACINE COUNTIES

	Rates	Fringes
LABORER		
Group 1.....	\$ 26.94	21.76
Group 2.....	\$ 27.09	21.76
Group 3.....	\$ 27.29	21.76
Group 4.....	\$ 27.26	21.76
Group 5.....	\$ 27.59	21.76
Group 6.....	\$ 24.08	21.76

LABORERS CLASSIFICATIONS:

GROUP 1: General laborer; Tree Trimmer; Conduit Layer; Demolition and Wrecking Laborer; Guard Rail, Fence, and Bridge Builder; Landscaper; Multiplate Culvert Assembler; Stone Handler; Bituminous Worker (Shoveler, Loader, and Utility Man); Batch Truck Dumper or Cement Handler;

Bituminous worker (Dumper, Ironer, Smoother, and Tamper);
Concrete Handler

GROUP 2: Air Tool Operator; Joint Sawyer and Filler
(Pavement); Vibrator or Tamper Operator (Mechanical Hand
Operated); Chain Saw Operator; Demolition Burning Torch
Laborer

GROUP 3: Bituminous Worker (Raker and Luteman); Formsetter
(Curb, Sidewalk, and Pavement); Strike Off Man

GROUP 4: Line and Grade Specialist

GROUP 5: Blaster and Powderman

GROUP 6: Flagman; traffic control person

LAB00140-002 06/04/2018

ADAMS, ASHLAND, BARRON, BAYFIELD, BROWN, BUFFALO, BURNETT,
CALUMET, CHIPPEWA, CLARK, COLUMBIA, CRAWFORD, DODGE, DOOR,
DOUGLAS, DUNN, EAU CLAIRE, FLORENCE, FOND DU LAC, FOREST,
GRANT, GREEN, GREEN LAKE, IRON, JACKSON, JUNEAU, IOWA,
JEFFERSON, KEWAUNEE, LA CROSSE, LAFAYETTE, LANGLADE, LINCOLN,
MANITOWOC, MARATHON, MARINETTE, MARQUETTE, MENOMINEE, MONROE,
OCONTO, ONEIDA, OUTAGAMIE, PEPIN, PIERCE, POLK, PORTAGE, PRICE,
RICHLAND, ROCK, RUSK, SAUK, SAWYER, SHAWANO, SHEBOYGAN, ST.
CROIX, TAYLOR, TREMPLEAU, VERNON, VILLAS, WALWORTH, WASHBURN,
WAUPACA, WAUSHARA, WINNEBAGO, AND WOOD COUNTIES

	Rates	Fringes
LABORER		
Group 1.....	\$ 31.80	17.20
Group 2.....	\$ 31.90	17.20
Group 3.....	\$ 31.95	17.20
Group 4.....	\$ 32.15	17.20
Group 5.....	\$ 32.00	17.20
Group 6.....	\$ 28.43	17.20

LABORER CLASSIFICATIONS

GROUP 1: General Laborer; Tree Trimmer; Conduit Layer;
Demolition and Wrecking Laborer; Guard Rail, Fence, and
Bridge Builder; Landscaper; Multiplate Culvert Assembler;
Stone Handler; Bituminous Worker (Shoveler, Loader, and
Utility Man); Batch Truck Dumper or Cement Handler;
Bituminous Worker (Dumper, Ironer, Smoother and Tamper);
Concrete Handler

GROUP 2: Air Tool Operator; Joint Sawyer and Filler
(Pavement); Vibrator or Tamper Operator (Mechanical Hand
Operated); Chain Saw Operator, Demolition Burning Torch
Laborer

GROUP 3: Bituminous Worker (Raker and Luteman); Formsetter

(Curb, Sidewalk and Pavement); Strike Off Man

GROUP 4: Line and Grade Specialist

GROUP 5: Blaster; powderman

GROUP 6: Flagperson; Traffic Control

LAB00464-003 06/04/2018

DANE COUNTY

	Rates	Fringes
LABORER		
Group 1.....	\$ 32.08	17..20
Group 2.....	\$ 32.18	17..20
Group 3.....	\$ 32.23	17..20
Group 4.....	\$ 32.43	17..20
Group 5.....	\$ 32.28	17..20
Group 6.....	\$ 28.43	17..20

LABORERS CLASSIFICATIONS:

GROUP 1: General Laborer; Tree Trimmer; Conduit Layer; Demolition and Wrecking Laborer; Guard Rail, Fence, and Bridge Builder; Landscaper; Multiplate Culvert Assembler; Stone Handler; Bituminous Worker (Shoveler, Loader, and Utility Man); Batch Truck Dumper or Cement Handler; Bituminous Worker (Dumper, Ironer, Smoother, and Tamper); Concrete Handler

GROUP 2: Air Tool Operator; Joint Sawyer and Filler (Pavement); Vibrator or Tamper Operator (Mechanical Hand Operated); Chain Saw Operator; Demolition Burning Torch Laborer

GROUP 3: Bituminous Worker (Raker and Luteman); Formsetter (Curb, Sidewalk, and Pavement); Strike Off Man

GROUP 4: Line and Grade Specialist

GROUP 5: Blaster; Powderman

GROUP 6: Flagperson and Traffic Control Person

PAIN0106-008 05/01/2017

ASHLAND, BAYFIELD, BURNETT, AND DOUGLAS COUNTIES

	Rates	Fringes
Painters:		
New:		
Brush, Roller.....	\$ 30.33	17.27
Spray, Sandblast, Steel....	\$ 30.93	17.27

Repaint:

Brush, Roller.....	\$ 28.83	17.27
Spray, Sandblast, Steel....	\$ 29.43	17.27

PAIN0108-002 06/01/2017

RACINE COUNTY

	Rates	Fringes

Painters:

Brush, Roller.....	\$ 33.74	18.95
Spray & Sandblast.....	\$ 34.74	18.95

PAIN0259-002 05/01/2008

BARRON, CHIPPEWA, DUNN, EAU CLAIRE, PEPIN, PIERCE, POLK, RUSK,
SAWYER, ST. CROIX, AND WASHBURN COUNTIES

	Rates	Fringes

PAINTER.....	\$ 24.11	12.15

PAIN0259-004 05/01/2015

BUFFALO, CRAWFORD, JACKSON, LA CROSSE, MONROE, TREMPLEAU, AND
VERNON COUNTIES

	Rates	Fringes

PAINTER.....	\$ 22.03	12.45

PAIN0781-002 06/01/2018

JEFFERSON, MILWAUKEE, OZAUKEE, WASHINGTON, AND WAUKESHA COUNTIES

	Rates	Fringes

Painters:

Bridge.....	\$ 31.60	23.51
Brush.....	\$ 31.55	23.51
Spray & Sandblast.....	\$ 32.30	23.51

PAIN0802-002 06/01/2017

COLUMBIA, DANE, DODGE, GRANT, GREEN, IOWA, LAFAYETTE, RICHLAND,
ROCK, AND SAUK COUNTIES

	Rates	Fringes

PAINTER

Brush.....	\$ 28.25	17.72

PREMIUM PAY:

Structural Steel, Spray, Bridges = \$1.00 additional per

hour.

PAIN0802-003 06/01/2017

ADAMS, BROWN, CALUMET, CLARK, DOOR, FOND DU LAC, FOREST, GREEN LAKE, IRON, JUNEAU, KEWAUNEE, LANGLADE, LINCOLN, MANITOWOC, MARATHON, MARINETTE, MARQUETTE, MENOMINEE, OCONTO, ONEIDA, OUTAGAMIE, PORTAGE, PRICE, SHAWANO, SHEBOYGAN, TAYLOR, VILAS, WAUSHARA, WAUPACA, WINNEBAGO, AND WOOD COUNTIES

	Rates	Fringes
PAINTER.....	\$ 24.89	12.05

PAIN0934-001 06/01/2017

KENOSHA AND WALWORTH COUNTIES

	Rates	Fringes
Painters:		
Brush.....	\$ 33.74	18.95
Spray.....	\$ 34.74	18.95
Structural Steel.....	\$ 33.89	18.95

PAIN1011-002 06/01/2017

FLORENCE COUNTY

	Rates	Fringes
Painters:.....	\$ 24.86	12.23

PLAS0599-010 06/01/2017

	Rates	Fringes
CEMENT MASON/CONCRETE FINISHER		
Area 1.....	\$ 39.46	17.17
Area 2 (BAC).....	\$ 35.07	19.75
Area 3.....	\$ 35.61	19.40
Area 4.....	\$ 34.70	20.51
Area 5.....	\$ 36.27	18.73
Area 6.....	\$ 32.02	22.99

AREA DESCRIPTIONS

AREA 1: BAYFIELD, DOUGLAS, PRICE, SAWYER, AND WASHBURN COUNTIES

AREA 2: ADAMS, ASHLAND, BARRON, BROWN, BURNETT, CALUMET, CHIPPEWA, CLARK, COLUMBIA, DODGE, DOOR, DUNN, FLORENCE, FOND DU LAC, FOREST, GREEN LAKE, IRON, JEFFERSON, KEWAUNEE, LANGLADE, LINCOLN, MANITOWOC, MARATHON, MARINETTE, MARQUETTE, MENOMINEE, OCONTO, ONEIDA, OUTAGAMIE, POLK, PORTAGE, RUSK, ST CROIX, SAUK, SHAWANO, SHEBOYGAN, TAYLOR,

VILAS, WALWORTH, WAUPACA, WAUSHARA, WINNEBAGO, AND WOOD
COUNTIES

AREA 3: BUFFALO, CRAWFORD, EAU CLAIRE, JACKSON, JUNEAU, LA
CROSSE MONROE, PEPIN, PIERCE, RICHLAND, TREMPLEAU, AND
VERNON COUNTIES

AREA 4: MILWAUKEE, OZAUKEE, WASHINGTON, AND WAUKESHA COUNTIES

AREA 5: DANE, GRANT, GREEN, IOWA, LAFAYETTE, AND ROCK
COUNTIES

AREA 6: KENOSHA AND RACINE COUNTIES

PLUM0011-003 05/07/2018

ASHLAND, BAYFIELD, BURNETT, DOUGLAS, IRON, SAWYER, AND WASHBURN
COUNTIES

	Rates	Fringes
PLUMBER.....	\$ 40.63	20.72

PLUM0075-002 06/01/2016

MILWAUKEE, OZAUKEE, WASHINGTON, AND WAUKESHA COUNTIES

	Rates	Fringes
PLUMBER.....	\$ 40.27	21.47

PLUM0075-004 06/01/2016

DODGE (Watertown), GREEN, JEFFERSON, LAFAYETTE, AND ROCK
COUNTIES

	Rates	Fringes
PLUMBER.....	\$ 40.52	21.47

PLUM0075-009 06/01/2016

COLUMBIA, DANE, IOWA, MARQUETTE, RICHLAND AND SAUK COUNTIES

	Rates	Fringes
PLUMBER.....	\$ 38.82	20.12

PLUM0111-007 05/28/2018

MARINETTE COUNTY (Niagara only)

	Rates	Fringes

PLUMBER/PIPEFITTER.....	\$ 33.33	24.48

PLUM0118-002 06/01/2018

KENOSHA, RACINE, AND WALWORTH COUNTIES

	Rates	Fringes
Plumber and Steamfitter.....	\$ 44.95	20.95

PLUM0400-003 06/04/2018

ADAMS, BROWN, CALUMET, DODGE (except Watertown), DOOR, FOND DU LAC, GREEN LAKE, KEWAUNEE, MANITOWOC, MARINETTE (except Niagara), MENOMINEE, OCONTO, OUTAGAMIE, SHAWANO, SHEBOYGAN, WAUPACA, WAUSHARA, AND WINNEBAGO COUNTIES

	Rates	Fringes
PLUMBER/PIPEFITTER.....	\$ 36.74	19.06

PLUM0434-002 06/03/2018

BARON, BUFFALO, CHIPPEWA, CLARK, CRAWFORD, DUNN, EAU CLAIRE, FLORENCE, FOREST, GRANT, JACKSON, JUNEAU, LA CROSSE, LANGLADE, LINCOLN, MARATHON, MONROE, ONEIDA, PEPIN, PIERCE, POLK, PORTAGE, PRICE, RUSK, ST. CROIX, TAYLOR, TREMPLEAU, VERNON, VILAS, AND WOOD COUNTIES

	Rates	Fringes
PIPEFITTER.....	\$ 40.15	18.57

PLUM0601-003 06/04/2018

DODGE (Watertown), GREEN, JEFFERSON, LAFAYETTE, MILWAUKEE, OZAUKEE, ROCK, WASHINGTON AND WAUKESHA COUNTIES

	Rates	Fringes
PIPEFITTER.....	\$ 45.52	24.54

PLUM0601-009 06/04/2017

COLUMBIA, DANE, IOWA, MARQUETTE, RICHLAND AND SAUK COUNTIES

	Rates	Fringes
PIPEFITTER.....	\$ 47.08	20.89

TEAM0039-002 06/01/2018

	Rates	Fringes

TRUCK DRIVER

1 & 2 Axle Trucks.....	\$ 28.12	21.20
3 or more axles; Euclids or Dumptor, Articulated Truck, Mechanic.....	\$ 28.27	21.20

SUWI2011-001 11/16/2011

Rates	Fringes

WELL DRILLER.....\$ 16.52

WELDERS - Receive rate prescribed for craft performing
operation to which welding is incidental.

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Note: Executive Order (EO) 13706, Establishing Paid Sick Leave for Federal Contractors applies to all contracts subject to the Davis-Bacon Act for which the contract is awarded (and any solicitation was issued) on or after January 1, 2017. If this contract is covered by the EO, the contractor must provide employees with 1 hour of paid sick leave for every 30 hours they work, up to 56 hours of paid sick leave each year. Employees must be permitted to use paid sick leave for their own illness, injury or other health-related needs, including preventive care; to assist a family member (or person who is like family to the employee) who is ill, injured, or has other health-related needs, including preventive care; or for reasons resulting from, or to assist a family member (or person who is like family to the employee) who is a victim of, domestic violence, sexual assault, or stalking. Additional information on contractor requirements and worker protections under the EO is available at www.dol.gov/whd/govcontracts.

Unlisted classifications needed for work not included within the scope of the classifications listed may be added after award only as provided in the labor standards contract clauses (29CFR 5.5 (a) (1) (ii)).

The body of each wage determination lists the classification and wage rates that have been found to be prevailing for the cited type(s) of construction in the area covered by the wage determination. The classifications are listed in alphabetical order of "identifiers" that indicate whether the particular rate is a union rate (current union negotiated rate for local), a survey rate (weighted average rate) or a union average rate (weighted union average rate).

Union Rate Identifiers

A four letter classification abbreviation identifier enclosed in dotted lines beginning with characters other than "SU" or "UAVG" denotes that the union classification and rate were

prevailing for that classification in the survey. Example: PLUM0198-005 07/01/2014. PLUM is an abbreviation identifier of the union which prevailed in the survey for this classification, which in this example would be Plumbers. 0198 indicates the local union number or district council number where applicable, i.e., Plumbers Local 0198. The next number, 005 in the example, is an internal number used in processing the wage determination. 07/01/2014 is the effective date of the most current negotiated rate, which in this example is July 1, 2014.

Union prevailing wage rates are updated to reflect all rate changes in the collective bargaining agreement (CBA) governing this classification and rate.

Survey Rate Identifiers

Classifications listed under the "SU" identifier indicate that no one rate prevailed for this classification in the survey and the published rate is derived by computing a weighted average rate based on all the rates reported in the survey for that classification. As this weighted average rate includes all rates reported in the survey, it may include both union and non-union rates. Example: SULA2012-007 5/13/2014. SU indicates the rates are survey rates based on a weighted average calculation of rates and are not majority rates. LA indicates the State of Louisiana. 2012 is the year of survey on which these classifications and rates are based. The next number, 007 in the example, is an internal number used in producing the wage determination. 5/13/2014 indicates the survey completion date for the classifications and rates under that identifier.

Survey wage rates are not updated and remain in effect until a new survey is conducted.

Union Average Rate Identifiers

Classification(s) listed under the UAVG identifier indicate that no single majority rate prevailed for those classifications; however, 100% of the data reported for the classifications was union data. EXAMPLE: UAVG-OH-0010 08/29/2014. UAVG indicates that the rate is a weighted union average rate. OH indicates the state. The next number, 0010 in the example, is an internal number used in producing the wage determination. 08/29/2014 indicates the survey completion date for the classifications and rates under that identifier.

A UAVG rate will be updated once a year, usually in January of each year, to reflect a weighted average of the current negotiated/CBA rate of the union locals from which the rate is based.

1.) Has there been an initial decision in the matter? This can be:

- * an existing published wage determination
- * a survey underlying a wage determination
- * a Wage and Hour Division letter setting forth a position on a wage determination matter
- * a conformance (additional classification and rate) ruling

On survey related matters, initial contact, including requests for summaries of surveys, should be with the Wage and Hour Regional Office for the area in which the survey was conducted because those Regional Offices have responsibility for the Davis-Bacon survey program. If the response from this initial contact is not satisfactory, then the process described in 2.) and 3.) should be followed.

With regard to any other matter not yet ripe for the formal process described here, initial contact should be with the Branch of Construction Wage Determinations. Write to:

Branch of Construction Wage Determinations
Wage and Hour Division
U.S. Department of Labor
200 Constitution Avenue, N.W.
Washington, DC 20210

2.) If the answer to the question in 1.) is yes, then an interested party (those affected by the action) can request review and reconsideration from the Wage and Hour Administrator (See 29 CFR Part 1.8 and 29 CFR Part 7). Write to:

Wage and Hour Administrator
U.S. Department of Labor
200 Constitution Avenue, N.W.
Washington, DC 20210

The request should be accompanied by a full statement of the interested party's position and by any information (wage payment data, project description, area practice material, etc.) that the requestor considers relevant to the issue.

3.) If the decision of the Administrator is not favorable, an interested party may appeal directly to the Administrative Review Board (formerly the Wage Appeals Board). Write to:

Administrative Review Board
U.S. Department of Labor
200 Constitution Avenue, N.W.
Washington, DC 20210

4.) All decisions by the Administrative Review Board are final.

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END OF GENERAL DECISION



Wisconsin Department of Transportation

March 5, 2019

Division of Transportation Systems Development

Bureau of Project Development
4822 Madison Yards Way, 4th Floor South
Madison, WI 53705

Telephone: (608) 266-1631
Facsimile (FAX): (608) 266-8459

NOTICE TO ALL CONTRACTORS:

Proposal #38: 4987-02-65, WISC 2019 171
C Green Bay, Webster Ave
University Ave To Radisson St
LOC STR
Brown County

Letting of March 12, 2019

This is Addendum No. 01, which provides for the following:

Special Provisions:

Revised Special Provisions	
Article No.	Description
3	Prosecution and Progress
5	Coordination with Businesses and Residents
7	Traffic
8	Staging
10	Utilities
11	Work by Others
28	Notice to Contractor – Storm Water Drainage
93	Grading and Shaping Alley Turnaround, Station 17+55, Item SPV.0105.01; Grading and Shaping Alley Turnaround, Station 21+61, Item SPV.0105.02; Grading and Shaping Alley Turnaround, Station 25+61, Item SPV.0105.03; Grading and Shaping Alley Turnaround, Station 29+52, Item SPV.0105.04; Grading and Shaping Alley Turnaround, Station 34+02, Item SPV.0105.05; Grading and Shaping Alley Turnaround, Station 37+92, Item SPV.0105.06; Grading and Shaping Alley Turnaround, Station 45+84, Item SPV.0105.07.

Added Special Provisions	
Article No.	Description
102	Notice to Contractor – Green Bay Metro Fire Department
103	Notice to Contractor – Radisson Street Intersection Pavement Patch
104	Notice to Contractor – Cross Sections
105	Temporary Curb Ramp, Item 644.1601.S

Deleted Special Provisions	
Article No.	Description
43	Cover Plates Temporary, Item 611.8120.S
51	Temporary Pedestrian Safety Fence, Item 644.1616.S
66	Temporary Storm Sewer Connection, Item SPV.0060.27
84	Street Sweeping, Item SPV.0075.01

Schedule of Items:

Revised Bid Item Quantities					
Bid Item	Item Description	Unit	Old Quantity	Revised Quantity	Proposal Total
201.0120	Clearing	ID	875	10	885
201.0220	Grubbing	ID	875	10	885
204.0220	Removing Inlets	Each	55	4	59
204.0245.01	Removing Storm Sewer 8-Inch to 12-Inch	LF	3080	30	3110
204.0280	Sealing Pipes	Each	10	2	12
205.0100	Excavation Common	CY	29,210	8,790	38,000
415.0210	Concrete Pavement Gaps	Each	2	-1	1
415.1085	Concrete Pavement HES 8 1/2-Inch	SY	2,160	120	2,280
415.4100	Concrete Pavement Joint Filling	SY	32,200	120	32,320
416.0160	Concrete Driveway 6-Inch	SY	300	-105	195
416.0180	Concrete Driveway 8-Inch	SY	265	105	370
416.0610	Drilled Tie Bars	Each	94	26	120
416.0620	Drilled Dowel Bars	Each	242	8	250
465.0105	Asphaltic Surface	Ton	725	10	735
465.0125	Asphaltic Surface Temporary	Ton	575	-525	50
628.7015	Inlet Protection Type C	Each	85	-25	60
628.7020	Inlet Protection Type D	Each	35	-10	25
643.0300	Traffic Control Drums	Day	43,678	-17,873	25,805
643.0410	Traffic Control Barricades Type II	Day	9,082	-539	8543
643.0420	Traffic Control Barricades Type III	Day	15,130	386	15,516
643.0715	Traffic Control Warning Lights Type A	Day	14,706	13,554	28,206
643.0715	Traffic Control Warning Lights Type C	Day	12,518	-7,681	4,837
643.0800	Traffic Control Arrow Boards	Day	317	-237	80
643.0900	Traffic Control Signs	Day	30,579	-4,526	26,053
643.1000	Traffic Control Signs Fixed Message	SF	108	63	171
643.1050	Traffic Control Signs PCMS	Day	98	-28	70
646.1020	Marking Line Epoxy 4-Inch	LF	9,260	-350	8,910
646.5020	Marking Arrow Epoxy	Each	53	-43	10
646.5120	Marking Word Epoxy	Each	7	-6	1
646.9010	Marking Removal Line Water Blasting 4-Inch	LF	550	-400	150
649.0150	Temporary Marking Line Removable Tape 4-Inch	LF	12,200	-11,600	600
690.0250	Sawing Concrete	LF	2,254	-1,260	994
SPV.0045.01	Temporary Crosswalk Access	Day	240	20	260
SPV.0060.03	Inlet Covers Type GB-C	Each	24	-1	23
SPV.0060.04	Inlet Covers Type GB-CSH	Each	3	1	4
SPV.0060.13	Manholes GB 6-FT	Each	5	1	6
SPV.0060.14	Manholes GB 7-FT	Each	2	-1	1

Added Bid Item Quantities					
Bid Item	Item Description	Unit	Old Quantity	Revised Quantity	Proposal Total
644.01601.S	Temporary Curb Ramp	Each	0	16	16

Deleted Bid Item Quantities					
Bid Item	Item Description	Unit	Old Quantity	Revised Quantity	Proposal Total
611.8120.S	Cover Plate Temporary	Each	2	-2	0
643.0500	Traffic Control Flexible Tubular Marker Posts	Each	290	-290	0
643.0600	Traffic Control Flexible Tubular Marker Bases	Each	290	-290	0
644.1616.S	Temporary Pedestrian Safety Fence	LF	400	-400	0
646.9200	Marking Removal Line Wide	LF	22	-22	0
649.0105	Temporary Marking Line Paint 4-Inch	LF	9,900	-9,900	0
649.0250	Temporary Marking Line Removable Tape 8-Inch	LF	100	-100	0
SPV.0060.27	Temporary Storm Sewer Connection	Each	6	-6	0
SPV.0075.01	Street Sweeping	HRS	50	-50	0
SPV.0090.11	Temporary Marking Stop Line Paint 24-Inch	LF	55	-55	0

Plan Sheets:

Revised Plan Sheets	
Plan Sheet	Plan Sheet Title (brief description of changes to sheet)
4	Typical Sections (Added note for existing typical section)
28	Plan Details (Driveway geometry changed at STA 11+75 LT.)
37	Pavement Grades (Driveway geometry changed at STA 11+75 LT.)
39	Pavement Grades (Updated spot grade)
41	Pavement Grades (Added spot grades)
46	Station Offsets (Driveway geometry changed at STA 11+75 LT.)
54	Erosion Control (Driveway geometry changed at STA 11+75 LT.)
65	Storm Sewer (Added note)
67	Storm Sewer (Updated rim elevation)
68	Storm Sewer (Updated rim elevations)
70	Storm Sewer (Updated rim elevation and removed temporary connection note)
71	Storm Sewer (Updated rim elevations and removed temporary connection note)
72	Storm Sewer (Updated rim elevations and removed temporary connection note)
73	Storm Sewer (Updated rim elevation and removed temporary connection note)
88-90	Construction Details – Pedestrian Detour (Updated work zone and staging number)
92	Stage Construction (Updates to signing & barricades, notes, and stage number)
105-106	Stage Construction (Updates to signing & barricades, notes, and stage number)
116	Miscellaneous Quantities (Updates to “Clearing and Grubbing” and “Removing Pavement” table)
117	Miscellaneous Quantities (Updates to “Removing Inlets”, “Removing Storm Sewer”, and “Sealing Pipes” MQ tables)
118	Miscellaneous Quantities (Updates to the “Earthwork Summary” table)
119	Miscellaneous Quantities (Updates to the “Concrete Pavement” table)
120	Miscellaneous Quantities (Updates to the “Concrete Sidewalk and Driveway” table)
121	Miscellaneous Quantities (Updates to the “Asphaltic Surface Temporary” and “Asphaltic Pavement” table)
126	Miscellaneous Quantities (Updates to the “Storm Sewer Structures and Covers” table)

128	Miscellaneous Quantities (Updates to the "Storm Sewer Structures and Covers" table, delete "Temporary Storm Sewer Connection" and "Cover Plate Temporary" table)
131	Miscellaneous Quantities (Updates to the "Pedestrian Accommodations" table)
133	Miscellaneous Quantities (Updates to the "Inlet Protection" table)
137	Miscellaneous Quantities (Updates to the "Traffic Control Summary" table)
138	Miscellaneous Quantities (Updates to the "Marking", "Pedestrian Signing Summary", "Temporary Marking", and "Marking Line Removal" table)
139	Miscellaneous Quantities (Updates to the "Sawing Pavement" table)
140	Miscellaneous Quantities (Delete "Street Sweeping" table)
257-259	Computer Earthwork (Updates to the entire table)
260-291	Cross Sections (Revised subgrade)

Added Plan Sheets	
Plan Sheet	Plan Sheet Title (brief description of why sheet was added)
137A	Miscellaneous Quantities (Additional Traffic Control Summary)

Deleted Plan Sheets	
Plan Sheet	Plan Sheet Title (brief description of why sheet was deleted)
91	Staged construction no longer needed. Project will be closed to through traffic.
93 - 104	Staged construction no longer needed. Project will be closed to through traffic.

The responsibility for notifying potential subcontractors and suppliers of these changes remains with the prime contractor.

Sincerely,

Mike Coleman

Proposal Development Specialist
Proposal Management Section

ADDENDUM NO. 01

4987-02-71

March 5, 2019

Special Provisions

3. Prosecution and Progress.

Replace entire article language with the following:

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 contract time for completion is based on an expedited work schedule and may require extraordinary forces and equipment.

Complete closure of Webster Avenue can not be started until June 3, 2019. Single lane closures in each direction will be allowed before June 2, 2019.

At the beginning of Stage 2B operations, close Webster Avenue-University Avenue Intersection to through traffic for a maximum of 14 calendar days. Do not reopen until completing the following work: Roadway work including concrete pavement.

If the contractor fails to complete the work necessary to reopen Webster Avenue-University to traffic within 14 calendar days, the department will assess the contractor \$2,070 in interim liquidated damages for each calendar day the contract work remains incomplete beyond 14 calendar days. An entire calendar day will be charged for any period of time within a calendar day that the road remains closed beyond 12:01 AM.

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

Northern Long-eared Bat (*Myotis septentrionalis*)

Northern Long-eared Bats (NLEB) have the potential to inhabit the project limits because they roost in trees. Roosts may not have been observed on this project, but conditions to support the species exist. The species and all active roosts are protected by the Federal Endangered Species Act. If an individual bat or active roost is encountered during construction operations, stop work and notify the engineer and the WisDOT Regional Environmental Coordinator (REC).

In accordance to the final 4(d) rule issued for the NLEB, the department has determined that the proposed activity may affect, but will not result in prohibited take of the NLEB. The activity involves tree removal, but will not occur within 0.25 miles of a known hibernacula, nor will the activity remove a known maternity roost tree or any other tree within 150 feet of a known maternity roost tree.

If additional trees need to be removed, no Clearing shall occur without prior approval from the engineer, following coordination with the WisDOT REC. Additional tree removal beyond the area originally specified will require consultation with the United States Fish and Wildlife Service (USFWS) and may require a bat presence/absence survey. Notify the engineer if additional Clearing cannot be avoided to begin coordination with the WisDOT REC. The WisDOT REC will initiate consultation with the USFWS and determine if a survey is necessary.

Submit a schedule and description of Clearing operations with the ECIP 14 days prior to any Clearing operations. The department will determine, based on schedule and scope of work, what additional erosion control measures shall be implemented prior to the start of Clearing operations, and list those additional measures in the ECIP.

5. Coordination with Businesses and Residents.

Replace entire article language with the following:

The contractor shall arrange and conduct a meeting between the contractor, the department, affected residents, local officials and business people to discuss the project schedule of operations including vehicular and pedestrian access during construction operations. Hold the first meeting at least one week prior to the start of work, the second meeting at least one week prior to the start of stage 2, and the third meeting at least one week prior to the start of stage 3. The contractor shall arrange for a suitable location for the meeting(s) that provides reasonable accommodation for public involvement. The City of Green Bay will prepare and coordinate publication of the meeting notices and mailings for the meeting(s). The contractor shall schedule the meeting(s) with at least two weeks prior notice to the engineer to allow for these notifications.

The city will provide WisDOT a resident mailing addresses and will provide a media press release. WisDOT will prepare notice letters (with city approval) and mail out.

7. Traffic.

*Replace entire section titled **Detour, Webster Avenue** with the following:*

The City of Green Bay will sign a detour when Webster Avenue is closed. The anticipated detour is as follows:

Webster Closed at north side of University Avenue.

- University Avenue to Quincy Street to Radisson Street.

Webster Closed at Cedar Street.

- Main Street to Monroe Avenue to Quincy Street to Radisson Street.

*Replace first paragraph in section titled **Maintaining Access** with the following:*

Always maintain local and emergency access to adjacent properties to and from the work zone unless otherwise approved by the engineer. Access to be maintained on an aggregate surface. Cost for this work including aggregate material is incidental to bid item of Excavation Common.

*Delete Second paragraph in section titled **Maintaining Access**.*

*Replace entire section titled **Sidewalk Closure Restrictions** with the following:*

Pedestrian access must be maintained throughout the project. All temporary pedestrian access and crossings must be ADA compliant on a hard surface and follow applicable details as show in Standard Detail Drawing 15d30 (sheet a-c) Traffic Control, Pedestrian Accommodation and shown in plans.

Base aggregate dense is not considered a hard surface and will not fulfill this requirement. Contact property owners when sidewalk closures will take place and coordinate any temporary access needed if alternate access does not exist.

Any changes to pedestrian access noted below needs to be approved by the Project Engineer and the City of Green Bay.

Stage 1

Maintain existing sidewalks on both sides of Webster Avenue from the south project limits to north side of University Avenue. Maintain all existing crosswalks at University Avenue.

Maintain existing sidewalks on west side of Webster Avenue from University Avenue to Radisson Street. Provide crossings of Webster Avenue under the bid item of "Temporary Crosswalk Access" at Day Street and Klaus Street.

Use typical pedestrian detour details as shown in plans to sign pedestrian detours during construction operations.

During concrete operations, crosswalk access at Day Street and Klaus Street may be omitted for up to two days. A pedestrian detour does not need to be provided.

Stage 1B

Maintain existing sidewalks on both sides of Webster Avenue from the south project limits to north side of University Avenue. Maintain all existing crosswalks at University Avenue.

Maintain existing sidewalks on west side of Webster Avenue from University Avenue to Radisson Street. Provide crossings of Webster Avenue under the bid item of "Temporary Crosswalk Access" at Day Street and Klaus Street.

Use typical pedestrian detour details as shown in plans to sign pedestrian detours during construction operations.

During concrete operations, crosswalk access at Day Street and Klaus Street may be omitted for up to two day. A pedestrian detour does not need to be provided. Maintain the existing crosswalks at University Avenue.

Stage 2A and 2B

Use typical pedestrian detour details as shown in plans to sign pedestrian detours during construction operations. The proposed pedestrian detours are as follows:

- Webster Avenue sidewalks closed at University Avenue. Webster Avenue to Main Street to Monroe Avenue to Quincy Street to Harvey Street back to Webster Avenue.
- University Avenue sidewalks closed at Webster Avenue. University Avenue to St George Street to Harvey Street to Quincy Street back to University Avenue.
- Webster Avenue sidewalk closed at Railroad Crossing. Webster Avenue to Smith Street to St George Street to Rebar Street back to Webster Avenue.

8. Staging

Replace entire article language with the following:

A general description of the construction staging plan as follows:

Stage 1A

Close Webster Avenue to through traffic from north side of University Avenue to Radisson Street. Always maintain local access to adjacent properties from the nearest side road.

Maintain all existing lanes on University Avenue and existing traffic signals at University Avenue. Construct roadway from Station 16+50 to Station 31+00 and Station 32+50 to Station 54+75.

Construct multiuse trail on east side of roadway from Station 18+75 to Station 31+00 and Station 32+50 to Station 54+75. Temporary sidewalk connections using “temporary pedestrian surface asphalt” is required between existing sidewalk at University Ave and finished curb ramp at Harvey Street. In addition temporary connections are needed at Eastman Ave between the finished trail and the existing sidewalk so the sidewalk across the railroad tracks can be utilized.

Maintain cross traffic at North and South Eastman Avenue only. Close access to railroad crossing and Webster Avenue. All other side roads should be closed to through traffic. Local access only.

Close all alleys to traffic at Webster Avenue.

Between University Avenue and Harvey Street stage grading, concrete pavement, and concrete driveway to ensure access at all time to the Green Bay Metro Fire Department/Green Bay Metro Transit Station driveway located at Station 17+25 Left. Maintain access at all times from Harvey Street.

Stage 1B

Continue with closure of Webster Avenue to through traffic from north side of University Avenue to Radisson Street. Always maintain local access to adjacent properties from the nearest side road.

Maintain all existing lanes on University Avenue and existing traffic signals at University Avenue. Construct roadway from Station 16+50 to Station 31+00 and Station 32+50 to Station 54+75.

Construct sidewalk on west side of roadway.

Maintain cross traffic at North and South Eastman Avenue. Close access to railroad crossing and Webster Avenue. All other side roads should be closed to through traffic. Local access only.

Close all alleys to traffic at Webster Avenue.

Between University Avenue and Harvey Street stage grading, concrete pavement, and concrete driveway to ensure access at all time to the Green Bay Metro Fire Department/Green Bay Metro Transit Station driveway located at Station 17+25 Left. Maintain access at all times from Harvey Street.

Stage 2A

Close Webster Avenue to through traffic from south project limits to south side of University Avenue.

Continue with closure of Webster Avenue to through traffic from north side of University Avenue to Radisson Street. Always maintain local access to adjacent properties from the nearest side road.

Traffic signals may be removed. Maintain a minimum of a single lane of traffic in each direction on University Avenue outside of allowable complete closure of University Avenue as shown in Prosecution and Progress section. Traffic on University Avenue will be free flowing without any stop sign at Webster Avenue.

Between south project limits and University Avenue close all driveways. Coordinate closures of American Foods Group entrances located at Station 10+65 Left and 13+30 Left. Contact Mark Hildebrand, (920) 436-2036 or mhildebrand@americanfoodsgroup.com.

A new railroad crossing and signals will be constructed by others during this stage. Concrete pavement between north side or south side of Eastman Avenue and the new railroad crossing surface is to not be constructed until the new crossing surface is completed and elevation of new crossing surface is confirmed.

Maintain Access to houses on Eastman Avenue by creating local access only for the residents. Place appropriate signs and barricades North Van Buren Street and Webster Ave and Webster Avenue and North Clay Street.

Except for the above noted for Eastman Avenue, all other side roads should be closed to through traffic. Local access only.

Close all alleys to traffic at Webster Avenue.

Stage 2B

Completely close Webster Avenue and University Avenue intersection. Complete roadway work including traffic signals.

Continue with closure of Webster Avenue to through traffic from south project limits to south side of University Avenue.

Continue with closure of Webster Avenue to through traffic from north side of University Avenue to Radisson Street. Always maintain local access to adjacent properties from the nearest side road.

When University Avenue is completely closed as allowed in Prosecution and Progress section, Day Street must be opened to two-way traffic on hard surface.

Concrete pavement within the Radisson Street intersection must be completed before University Avenue is closed. Radisson Street is the detour route during this closure.

Between south project limits and University Avenue close all driveways. Coordinate closures of American Foods Group entrances located at Station 10+65 Left and 13+30 Left. Contact Mark Hildebrand, (920) 436-2036 or mhildebrand@americanfoodsgroup.com.

A new railroad crossing and signals will be constructed by others during this stage. Concrete pavement between north side or south side of Eastman Avenue and the new railroad crossing surface is to not be constructed until the new crossing surface is completed and elevation of new crossing surface is confirmed.

Maintain Access to houses on Eastman Avenue by creating local access only for the residents. Place appropriate signs and barricades North Van Buren Street and Webster Ave and Webster Avenue and North Clay Street.

Except for Day Street and the above noted for Eastman Avenue, all other side roads should be closed to through traffic. Local access only.

Close all alleys to traffic at Webster Avenue.

10. Utilities

Replace entire article language with the following:

This contract does not come under the provision of Administrative Rule Trans 220.
stp-107-066 (20080501)

American Transmission (electric) has an overhead electric transmission facility crossing Webster Avenue at approximately Station 41+85. ATC also has transmission lines running along the west side of Webster Avenue from approximately Station 40+35 to Station 47+30 where the line continues north along the west side of N Webster Ct.

No conflicts are anticipated. The existing transmission poles will remain in place throughout construction. Adhere to the following guidelines when working around the transmission facilities:

- No stockpiling or staging of equipment/materials within the easement at any time. Unobstructed ATC access to the easement area must be maintained at all times.
- Exercise caution when working and driving near ATC transmission facilities to avoid damaging the steel poles.

- Electric fields from transmission lines can cause induced voltage and current on insufficiently grounded equipment that is near the line (such as larger vehicles). This can cause induced voltage on equipment, cause interference to certain electrical devices, and be uncomfortable to people who encounter it. The effects of electromagnetic induction can appear in two ways, either as steady-state voltages of moderate magnitude due to load current flowing in the power line, or as brief high magnitude voltages due to much larger and unbalanced currents flowing in the power line during a fault. Engineering judgment must be exercised in determining the extent of mitigation required to protect operating personnel and the public from hazards. The contractor would be responsible for installing any grounding or mitigation devices necessary on their equipment to minimize this issue.
- In special situations, where there are no other viable options and the excavation must be closer than the 20', the trench must be sheeted, or trench boxed.
- Fill shall not be placed above the elevation of the concrete foundation at the base of the poles. The fill area around all poles must be sloped to drain away from the pole structure or foundation.
- Maintain OSHA Safe Working Clearance from the ATC "69kV and 138kV" lines based on the latest OSHA requirements." It is the contractor's responsibility to determine the distance that needs to be maintained for the type of equipment being used.

The field contact is Chris Dailey, (262) 506-6884.

AT&T (communication) has underground fiber optic along the south side of Harvey Street, crossing Webster Avenue at approximately Station 19+45. ATT runs underground from approximately Station 19+45 along the east terrace to approximately Station 21+65 where it turns east down the alleyway. ATT has another underground crossing at approximately Station 34+10.

ATT plans to perform relocations of their facilities prior to construction in the winter of 2018/2019. The duration of relocations is estimated to last for 90 days and be complete by March 20, 2019.

Work will be as follows:

- The existing underground duct package crossing Webster Avenue at approximately Station 19+45 will be discontinued in place. ATT will discontinue its manhole at approximately Station 19+45.
- New duct packages crossing Webster Avenue at Station 19+50 will be installed under the proposed storm sewer. New manholes will be installed west and east of the project limits along the south side of Harvey Street to connect into the existing facilities.
- New ATT underground facilities will be directionally bored across Harvey Street at approximately Station 11+30 from the new manhole to the north side of Harvey Street. This bore will continue along the proposed right-of-way and turn north along the east side of Webster Street until approximately Station 21+63, where the bore will tie into a proposed pole. The existing AT&T pole in this area will be removed. The existing pedestal at approximately Station 20+60 will be removed.
- A new manhole will be installed at approximately Station 34+00 within the proposed east terrace of Webster Avenue to tie into the existing buried cable. New cable will be directionally bored across Webster Avenue at approximately Station 34+21 and tie into a proposed pedestal on the west side of Webster Avenue.
- Manhole frame and cover adjustments for the all manholes will be made during construction by AT&T. Contact Schott Sokolowski at least 5 working days in advance of adjustments. Each adjustment will require one working day.

The field contact is Scott Sokolowski, (414) 258-5239, ms4143@att.com.

Brown County Technology Service (communication) has underground fiber optic facilities running along the north side of University Avenue from the west construction limits crossing Webster Avenue at approximately Station 16+10. Underground facilities continue along the east side terrace of Webster Avenue to the north project limits.

Brown County plans to relocate their facilities prior to construction in the spring of 2019. Brown County expects the relocation work to last up to 10 working days and be complete by April 12, 2019.

Brown County's facilities will be relocated in conjunction with Merit. Work will be as follows:

- A new duct pack will be installed by tying into the existing line in the northwest quadrant of the University Avenue and Webster Avenue intersection. The new line will then cross Webster Avenue at approximately Station 15+90 and run along the east side of Webster Avenue, 1' east of the proposed trail to approximately Station 48+00. The line will then cross the trail and run 1' west of the trail to approximately Station 54+25 where it will transition back to 1' east of the trail to the end of the project's northern limits.
- New handholes will be installed at the tie in locations (northwest quadrant of University and Webster and the northeast quadrant of Radisson and Webster). A handhole will also be installed at approximately Station 19+40 RT. Field adjustments will be required during construction. Contact Dan Becker at 920-676-3496 5 working days in advance of adjustments. Adjustments are anticipated to take one working day to complete.
- Brown County will discontinue the existing single 3" HDPE duct with 3 fiber optic cables from approximately Station 15+90 to Station 55+05.

The field contact is Dan Becker, (920) 301-7902, dbecker@mcewi.com.

Charter Communications (communication) has underground facilities that run along the back of the existing sidewalk beginning at approximately Station 39+50 and running along the west side of Webster Avenue to the north project limits. Charter's underground facilities also run along the north side of Berner Street, west of Webster Avenue (Charter has no facilities on the north side of Berner St). Charter's underground facilities also run along the north side of Berner Street, west of Webster Avenue. Charter has an underground crossing at approximately Station 44+00. Charter has aerial facilities attached to WPS poles from the beginning of the south project limits along the east side of Webster Avenue, crossing to the west side at approximately Station 31+75 and continuing north until approximately Station 39+50. Charter has an aerial crossing at approximately Station 36+25.

Charter plans to relocate their facilities beginning on April 1, 2019. Charter expects the relocation work to be complete by June 15, 2019. Charter's facilities relocation will be dependent on WPS's pole relocation schedule.

Charter will relocate its aerial facilities in conjunction with WPS's pole relocations to approximately Station 39+50. Charter will be overhead along the east side of Webster Avenue from the beginning of the project to approximately Station 19+50. Charter will then relocate underground along the east side of Webster Avenue from approximately Station 19+50 to Station 22+00. Charter will then run aerial along the east side of Webster Avenue from approximately Station 22+00 to Station 41+30. Aerial facilities will then cross to the west side of Webster Avenue at Station approximately Station 41+30. Underground facilities will then splice into the existing underground facilities at the new vault at approximately Station 41+39. Aerial crossings are located at approximately Stations 19+50, 25+50, 29+40, and 39+00. Charter's existing underground facilities from approximately Station 39+50 to the north end of the project will remain active in-place.

Charter plans to discontinue the existing underground facility along the west side of Webster Avenue between approximately Station 39+50 and Station 41+39, and the underground crossing at approximately Station 44+00.

For Charter's underground facilities to remain, contact Charter a minimum of 10 working days prior to installing storm sewer at each of the following locations: 40SB+05 LT 38.5', 41SB+83 LT 43', 43SB+99 LT 45', 45SB+62 LT 60', 47SB+73 LT 48', 51SB+89 LT 38', 52SB+66 LT 39' & 54NB+72.

An on-site inspector from Charter must be present any time construction work is conducted within 10 feet of the facility. Where proper vertical clearance of 24" cannot be maintained, install temporary sand bags, or other suitable material to maintain proper clearance to the facility.

The maximum unsupported exposed length of a Charter facility is 5 feet. Support the facility with sand bags or padded skids when required. At no time should the facility be used as a brace to support equipment or sheeting/shoring materials.

Notify Charter a minimum of 72 hours prior to backfill and compaction over Charter facilities. A minimum of 6-inches of fine loose earth or sand with no sharp gravel, rock, hard clods or other debris on all sides of the facility. Place the remaining backfill over the facility in a manner doesn't disturb the previously placed padding material around the facility or causes damage to the facility. Compact the back fill by hand until 18-inches of cover over the facility is achieved.

Contact charter before removing or adjusting any coax or fiber optic facility to verify that the facility has been discontinued. The contractor must not assume that an unmarked facility has been discontinued.

Field contact is Vince Albin, Office: (920) 831-9249, Mobile: (920) 378-0444
vince.albin@charter.com.

City of Green Bay – Water has underground facilities throughout the project area. Water facility work will be completed by March 1, 2019, prior to construction.

The field contact is Brian Powell, (920) 448-3480, brianpo@greenbaywi.gov.

City of Green Bay – Sewer has underground facilities throughout the project area. Sewer work will be completed by January 1, 2019, prior to construction. Sanitary sewer will be discontinued between approximately Station 10+45 to Station 20+00. The contractor will make final grade adjustments to sanitary manholes as a part of the contract.

The field contact is Matt Heckenlaible, (920) 448-3100, matthe@greenbaywi.gov.

Merit Network (communication) has aerial and underground facilities throughout the project area. Merit's aerial facilities are attached to WPS's poles beginning at the south project limits along the east side of Webster Avenue to approximately Station 30+60. Merit's facilities then run underground along the east side of Webster Avenue from approximately Station 30+60 to the end of the project limits to the north.

Merit plans to relocate their aerial facilities in conjunction with WPS's pole relocations and relocate their underground facilities in conjunction with Brown County. Merit plans to relocate their facilities prior to construction in the spring of 2019. Merit expects the relocation work to last up to 10 working days and be complete by April 12, 2019.

The field contact is Nick Andrus, (734) 527-5777, nandrus@merit.edu.

Net Lec (communication) has underground facilities in the north quadrant of the Webster and Radisson Street intersection. No conflicts are anticipated.

The field contact is Rick Vincent, (920) 617-7316, rick.vincent@nsight.com.

US Signal (communication) has overhead facilities on WPS poles from the beginning of the south project limits along the east side of Webster Avenue to approximately Station 15+90. The overhead facilities then continue to the east along the north side of University Avenue.

US Signal plans to relocate their aerial facilities in conjunction with WPS's pole relocations. US Signal anticipates at least one working day to transfer their facilities to the new WPS electric poles.

The field contact is Chris Wangler, (616) 988-7256, cwangler@ussignal.com.

Wisconsin Independent Network (communication) has underground facilities that begin at the south limits of the project along the east side of Webster Avenue and crosses to the west side at approximately Station 11+00. The line continues to the north to approximately Station 20+05 where it crosses Webster Avenue and continues along the north side of Harvey Street. WIN's facilities cross Webster at approximately Station 47+45 and continue along the west side terrace of Webster to the north project limits.

WINs plans to relocate their facilities crossing Webster at approximately Station 47+60 during construction. WINs expects the relocation work to last up to 5 working days. Contact WINs at least 10 working days prior to the removal of the asphalt near Station 47+60. Work will be as follows:

- Lower the existing facility crossing at approximately Station 47+60 from the east terrace to the existing hand hole in the west terrace. The hand hole will be adjusted by WIN.
- Coordinate adjustment of existing manholes/boxes with WIN. Contact WIN at least two weeks prior to necessary adjustments and allow one working day for adjustments.

WINs existing lines run parallel to Webster along the east side of Webster Avenue. Use caution when excavating near fiber facilities at the following locations: Station 11+00 crossing Webster Avenue, Station 9+40 crossing University Avenue, Station 9+30 crossing Harvey Street, and Station 20+05 crossing Webster Avenue. Contractor is required to hand dig when within 18" of the utility line; contractor must hand dig to expose the utility. Locates and/or potholing will be required prior to auger operations for pole installation.

If conflicts are encountered, WIN will require two weeks' notice for locates and mobilization of construction forces.

The field contact is Ken Whiting, (920) 376-2996, kwhiting@wins.net.

Wisconsin Public Service – Electric has aerial facilities throughout the project area. Relocations will be required.

WPS will remove facilities along the east side of Webster Avenue between approximate Stations 10+92 and 31+25. All relocations and most of the removals will be completed by April 30, 2019. The remainder of the existing pole removals with other communication utility lines attached will be completed once the respective utilities remove their respective lines.

Relocated overhead facilities run along the east side of the multi-use trail along Webster Avenue starting at the beginning of the project and ending at approximately Station 41+25. From approximately Station 41+25 to Station 45+40 electric facility will run underground and then cross to the west Webster Avenue at approximately Station 45+40 to an existing pole. The line will then run aerial on existing facilities to the north.

Overhead facilities will cross Webster Avenue at approximately Stations 16+45, 19+50, 21+60, 23+45, 24+60, 25+50, 27+30, 29+40, 30+75, 32+65, 34+00, 35+10, 36+20, 37+45, 38+60, 39+65. Underground crossings of Webster Avenue at approximately Stations 44+10 and 45+40.

If any existing or proposed utility poles that need to be held during construction of the storm sewer, identify these locations in conjunction with WPS to have their crew hold the poles. Contact WPS at least 48 hours prior to the pole needing to be held at 920-617-5218 between 7 am and 4 pm Monday through Friday.

Existing poles will not be removed until not only power lines are moved, but also all other communication facilities. Anticipated start date for removal is June 15, 2019 after Charter Communications removes their facilities.

The field contact is Randy Steier, (920) 617-5167, rdsteier@wisconsinpublicservice.com.

Wisconsin Public Service – Gas has underground gas facilities throughout the project area. Facilities begin at approximately Station 13+40 and run north along the west side of Webster Avenue to approximately Station 16+60 where it crosses Webster Street. The facility then runs east along the north side of University Avenue and north along the east side of Webster Avenue to approximately Station 26+05. The facility then runs along the east side of Webster Avenue from approximately Station 27+90 to Station 31+30 and again from approximately Station 32+30 to Station 44+25. The facility also runs along the west side of Webster Avenue between approximately Station 20+85 to Station 23+45. The gas line has crossings at approximately Stations 19+50, 23+45, 28+00, 35+75 (8" steel main), 36+15 (4" steel high pressure main), 44+25, and 47+55.

There are also various gas services to buildings along Webster Avenue.

WPS plans to relocate their facilities beginning prior to construction. Work is anticipated to be complete by April 30, 2019. Work will be as follows:

- New 2" plastic gas main will be installed from approximately Station 16+00 to Station 31+25 and Station 32+25 to 44+10 along the existing west sidewalk.
- New 2" plastic gas main will cross Webster Avenue at approximately Stations 15+95, 19+45, 27+80, 31+20, 32+40, 39+60, and, 43+50.
- New 8" plastic main will be installed near Station 35+70 across Webster Avenue and run along the south side of Reber Street.
- New 4" steel main will be installed near Station 36+25 across Webster Avenue and run along the north side of Reber Street.
- New services to all buildings remaining along Webster Avenue.

- WPS will discontinue existing 2" & 8" plastic as well as 2" and 4" steel gas main throughout the project limits. However, note that new gas facilities may take some of their place. Therefore, the status of the gas main must be verified prior to excavation near the facilities.
- WPS will adjust valve boxes after substantial completion. Contact Dave Czarnecki at O: 920-617-5132 M: 920-421-4746 or Jim Eiden at O: 920-617-5231 M: 920-676-8068 at least one day in advance of adjustment. It will take approximately one half day to adjust a valve box.

Contractors should take extra caution to avoid unnecessary disturbances to the existing gas facilities. Please call Digger's Hotline (811 or 1-800-242-8511) three business days before you dig to obtain locates and standby. If there is any unusual situation that requires assistance or relocation, please contact the 24-hr Customer Service number, 1-800-450-7260. In the event of a gas emergency (e.g., damage to gas carrying facilities, including nicks, dents, scratches, gas blowing, etc.), please contact the WPS 24-hr Emergency Gas number, 1-800-450-7280.

The field contact is David Czarnecki, (920) 617-5132, david.czarnecki@wisconsinpublicservice.com.

11. Work by Others

Replace third paragraph with the following:

City of Green Bay will remove and replace all signing. Coordinate with Jennifer McCartney at (920) 660-6413. Provide a three working day notice before signing needs to be removed or replaced. Permanent signing needs to be installed before finished roadway is opened to traffic.

28. Notice to Contractor – Storm Water Drainage

Replace entire article language with the following:

Maintain storm water drainage throughout the project. Webster Avenue storm sewer controls drainage basins outside of the construction area. At the end of the work day temporary storm sewer connections must be connected between old storm sewer and new storm sewer to maintain drainage.

Coordinate with the project engineer and the City of Green Bay to ensure drainage issues outside the work area are not created. Cost for temporary connections are incidental to storm sewer pipe bid items.

43. DELETED.

51. DELETED.

66. DELETED.

84. DELETED.

93. **Grading and Shaping Alley Turnaround, Station 17+55, Item SPV.0105.01;
Grading and Shaping Alley Turnaround, Station 21+61, Item SPV.0105.02;
Grading and Shaping Alley Turnaround, Station 25+61, Item SPV.0105.03;
Grading and Shaping Alley Turnaround, Station 29+52, Item SPV.0105.04;
Grading and Shaping Alley Turnaround, Station 34+02, Item SPV.0105.05;
Grading and Shaping Alley Turnaround, Station 37+92, Item SPV.0105.06;
Grading and Shaping Alley Turnaround, Station 45+84, Item SPV.0105.07.**

A Description

This special provision describes excavating, filling, grading, shaping, and compacting, as necessary to construct the alley turnaround as the plans show.

B (Vacant)

C Construction

Use construction methods that are according to standard spec 205.3.

Dispose of all surplus and unsuitable material as specified in standard spec 205.3.12.

Provide construction staking according to standard spec 650.3.

D Measurement

The department will measure Grading and Shaping Alley Turnaround (Location) as a single complete lump sum unit of work, acceptably completed.

E Payment

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

ITEM NUMBER	DESCRIPTION	UNIT
SPV.0105.01	Grading and Shaping Alley Turnaround, Station 17+55	LS
SPV.0105.02	Grading and Shaping Alley Turnaround, Station 21+61	LS
SPV.0105.03	Grading and Shaping Alley Turnaround, Station 25+61	LS
SPV.0105.04	Grading and Shaping Alley Turnaround, Station 29+52	LS
SPV.0105.05	Grading and Shaping Alley Turnaround, Station 34+02	LS
SPV.0105.06	Grading and Shaping Alley Turnaround, Station 37+92	LS
SPV.0105.07	Grading and Shaping Alley Turnaround, Station 45+84	LS

Payment is full compensation for all construction staking, excavating including existing pavement and concrete, grading, shaping, and compacting; and for providing and placing fill.

Saw cutting, base course, surfacing and finishing items will be measured and paid for under other contract bid items.

102. Notice to Contractor – Green Bay Metro Fire Department.

Green Bay Metro Fire Department Station Number 2 is located at the corner of Webster Avenue and University Avenue. Provide construction schedule updates weekly. In addition, provide possible emergency access routes within the construction area in case of an emergency in the construction area. Coordinate access off Harvey Street to backside driveway entrance on Webster Avenue as noted in Staging Section of the special provisions. Provide a 1 week notice before the closure of University Avenue. Contact phone number is 920-448-3280.

103. Notice to Contractor – Radisson Street Intersection Pavement Patch.

The City of Green Bay was not able to complete concrete pavement patch in the Radisson Street intersection during utility relocations, outside of the project limits. An undistributed amount of HES concrete pavement has been added to the miscellaneous quantities in addendum #1 to account for the increase of concrete pavement quantities to complete this work. The City of Green Bay has requested that Radisson Street remains open to a single lane of traffic in each direction during this work. Undistributed traffic control quantities have also been added in addendum #1. Prepare a traffic control plan based on the desired staging of the patch concrete work. The traffic control plans must be approved by the project engineer and the City of Green Bay before work is started. Work on the pavement patch must be completed before University Avenue is closed in Stage 2B. Radisson Street is the detour route for University Avenue.

104. Notice to Contractor – Cross Sections

Updated Cross Sections for pages 260-291 in 11"x17" format are available at the following location:

<ftp://ftp.dot.wi.gov/dtsd/hcci/projectdocuments/20190312038/>

105. Temporary Curb Ramp, Item 644.1601.S.

A Description

This special provision describes providing, maintaining, and removing temporary curb ramps.

B Materials

Furnish materials as follows:

- Asphaltic surface conforming to standard spec 465.2.
- Engineer-approved ready mixed concrete or ancillary concrete conforming to standard spec 602.2 except no QMP is required.
- Commercially available prefabricated curb ramps conforming to Americans with Disabilities Act Accessibility Guidelines.

Furnish yellow detectable warning fields conforming to Americans with Disabilities Act Accessibility Guidelines. Use either an engineer-approved surface-applied type or cast iron from the department's approved products list.

C Construction

Provide and maintain temporary curb ramps, including detectable warning fields, throughout the project duration. Place and compact a dense graded aggregate foundation before placing the curb ramp, unless the curb ramp is to be placed on existing roadway surface.

Remove and dispose temporary curb ramps and associated detectable warning fields when no longer required.

D Measurement

The department will measure temporary curb ramps by each individual ramp 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
644.1601.S	Temporary Curb Ramp	EACH

Payment is full compensation for providing, maintaining, and removing temporary curb ramps.

stp-644-020 (20150630)

Schedule of Items

Attached, dated March 5, 2019, are the revised Schedule of Items Pages 1 – 17.

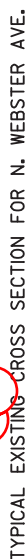
Plan Sheets

The following 8½ x 11-inch sheets are attached and made part of the plans for this proposal:

Revised: 4, 28, 37, 39, 41, 46, 54, 65, 67, 68, 70-73, 88-90, 92, 105, 106, 116-121, 126, 128, 131, 133, 137-140, 257-259, and 260-291.

Added: 137A.

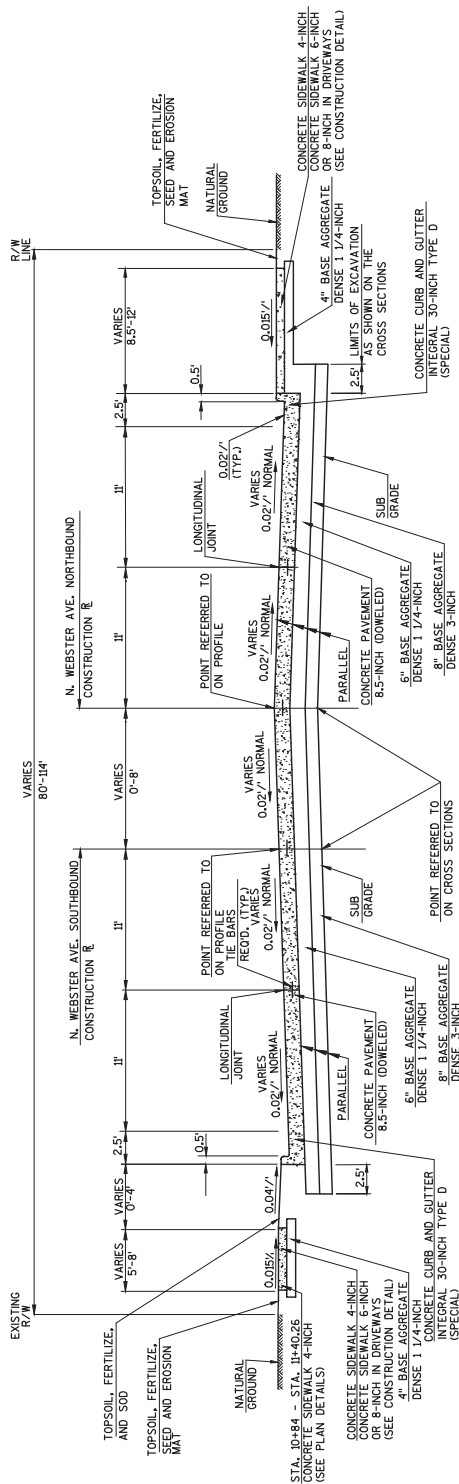
END OF ADDENDUM



STA. 10+32.86NB - STA. 54+75NB

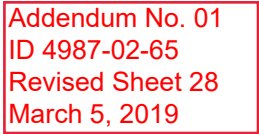
- * Concrete base 4-inch was used for pavement replacement in Sanitary Sewer and Water Main trenches.
- ** During Sanitary Sewer and Water Main installation backfill of trenches was either Base Aggregate Dense 3/4-Inch or Base Aggregate Dense 1 1/4-Inch from information provided by the City of Green Bay.

Addendum No. 01
ID 4987-02-65
Revised Sheet 4
March 5, 2019



TYPICAL FINISHED CROSS SECTION FOR N. WEBSTER AVE.

STA. 10+32.86NB - STA. 11+40.26NB



PROJECT NO: 4987-02-65		HWY: N. WEBSTER AVE.	COUNTY: BROWN	PLAN DETAIL	SHEET 28
FILE NAME : V:\TRANS-GBV450421 WEBSTER AVE\ROADWAY\CADD\SHEET\PLAN21201.PD.DWG PLOT DATE : 11/09/2018 9:43 AM PLOT BY : VERVILLE, PHILLIP PLOT NAME : LAYOUT NAME : 021201.PG					
					WISDOT/CADD5 SHEET 42



PROJECT NO: 4987-02-65	HWY: N. WEBSTER AVE.	COUNTY: BROWN	PAVEMENT GRADES	E	37
FILE NAME : Y:\TRANS-GB\450421 WEBSTER AVE\ROADWAY\3D\3DSHEETS\PLAN021402.DWG LAYOUT NAME : 021301 GR					
PLOT DATE : 11/8/2018 9:41 AM		PLOT BY : VERVILLE, PHILLIP		PLOT SCALE : 1 IN=40 FT	
				WSDOT/CADDIS SHEET 42	

LEGEND

REVERSE SLOPE CURB
AND GUTTER

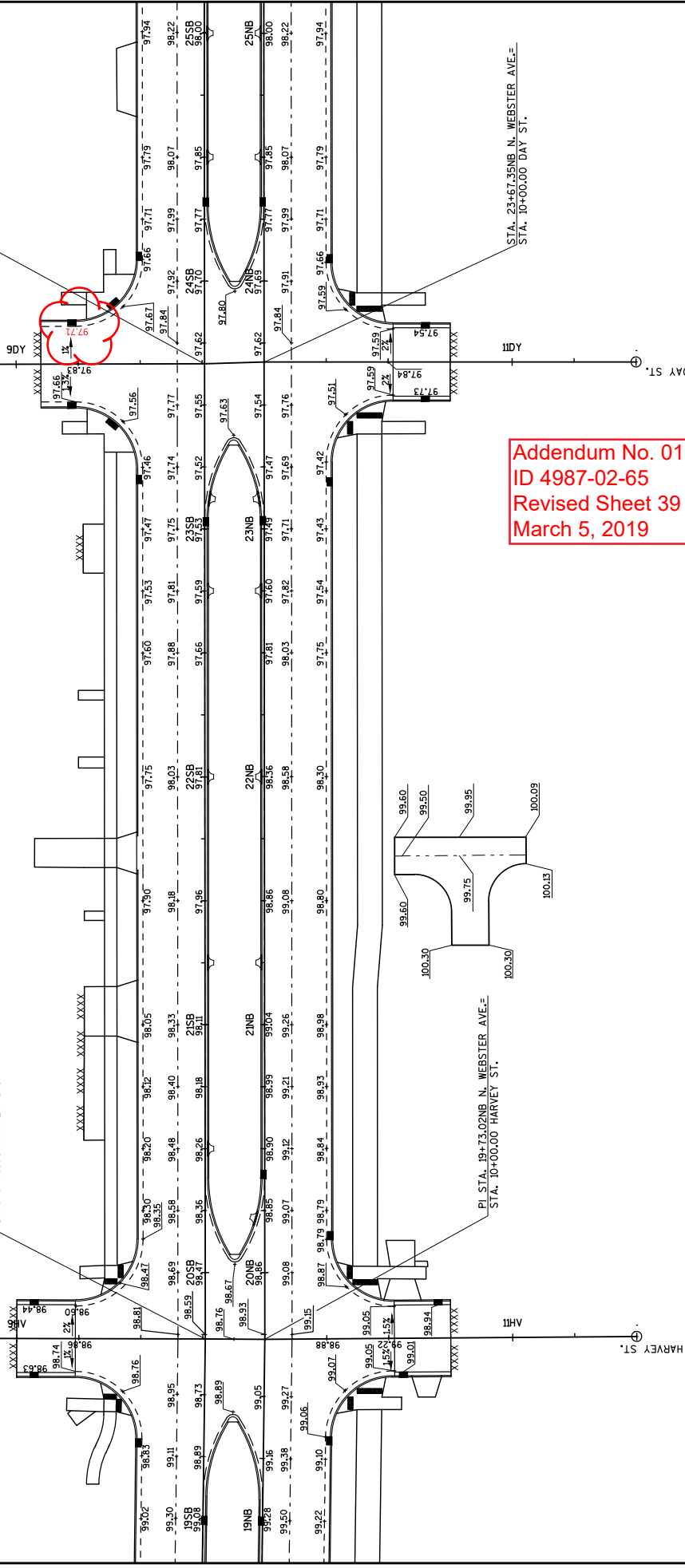
HARVEY ST.

DAY ST.



PI STA. 19+73.85B N. WEBSTER AVE. AH=
STA. 9+76.00 HARVEY ST.

STA. 23+66.52NB N. WEBSTER AVE.=
STA. 9+75.99 DAY ST.



Addendum No. 01
ID 4987-02-65
Revised Sheet 39
March 5, 2019

PI STA. 19+73.02NB N. WEBSTER AVE.=
STA. 10+00.00 HARVEY ST.

PROJECT NO: 4987-02-65

HWY: N. WEBSTER AVE.

COUNTY: BROWN

PAVEMENT GRADES

SHEET 39

E

FILE NAME : V:\TRANS-GB\49421 WEBSTER AVE\ROADWAY\CSD\SHEETPLAN\021403 GR.DWG
LAYOUT NAME : 021305 GR

PLOT DATE : 10/31/2018 1:23 PM

PLOT BY : VERVILLE, PHILLIP

PLOT NAME :

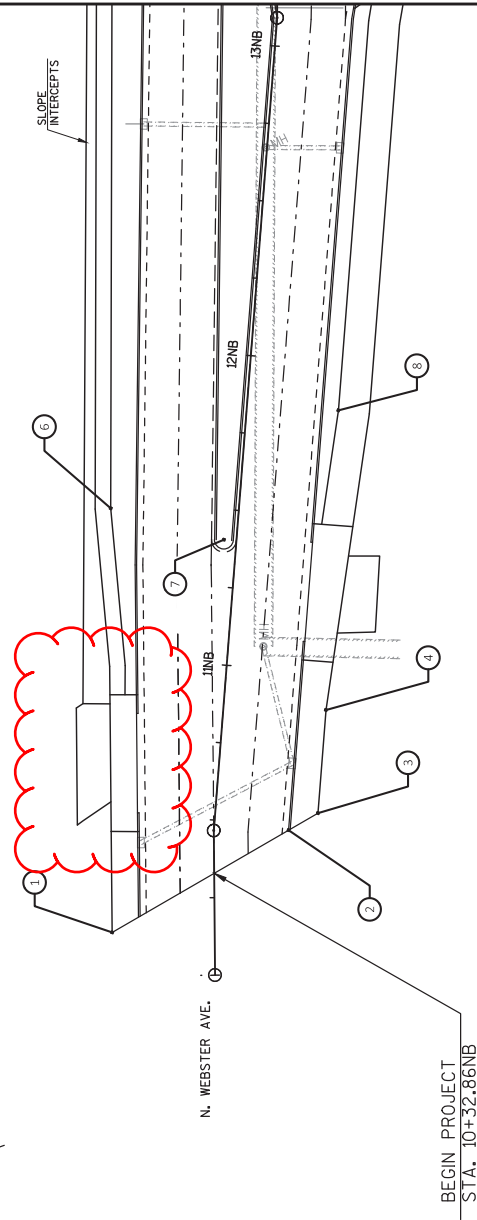
PLOT SCALE : 1 IN:40 FT

WISDOT/CADD'S SHEET 42



STATION - OFFSETS			
POINT	STATION	OFFSET	RADIUS
1	10+14.1 NB	33.0' LT	---
2	10+46.6 NB	24.0' RT	---
3	10+54.8 NB	33.0' RT	---
4	10+86.2 NB	33.0' RT	---
6	11+47.5 NB	41.1' LT	---
7	11+40.3 NB	4.0' LT	3'
8	11+84.6 NB	29.5' RT	---

EAST RIVER



Addendum No. 01
ID 4987-02-65
Revised Sheet 46
March 5, 2019

LEGEND

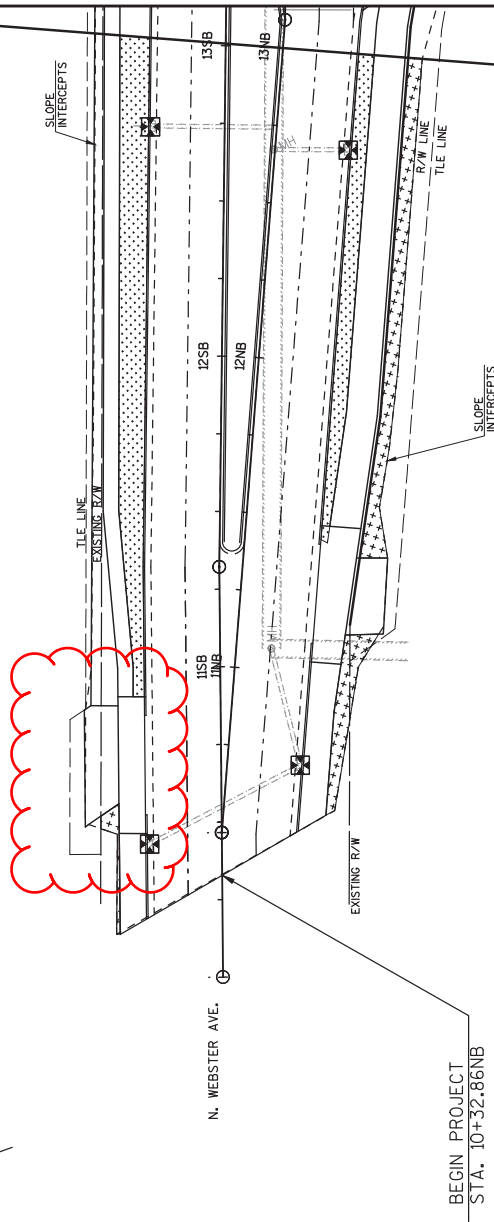
- EROSION MAT CLASS 1, TYPE A URBAN
- SOD
- SILT FENCE
- SLOPE INTERCEPT
- INLET PROTECTION
- SURFACE WATER FLOW
- CONCRETE SURFACE DRAIN

NOTE:

TYPE A INLET PROTECTION IS REQUIRED FOR ALL INLETS AFTER INSTALLATION AND BEFORE CURB OR PAVEMENT PLACEMENT. AFTER CURB PLACEMENT INSTALL TYPE B, C, OR D INLET PROTECTION. (SEE MISCELLANEOUS QUANTITIES)



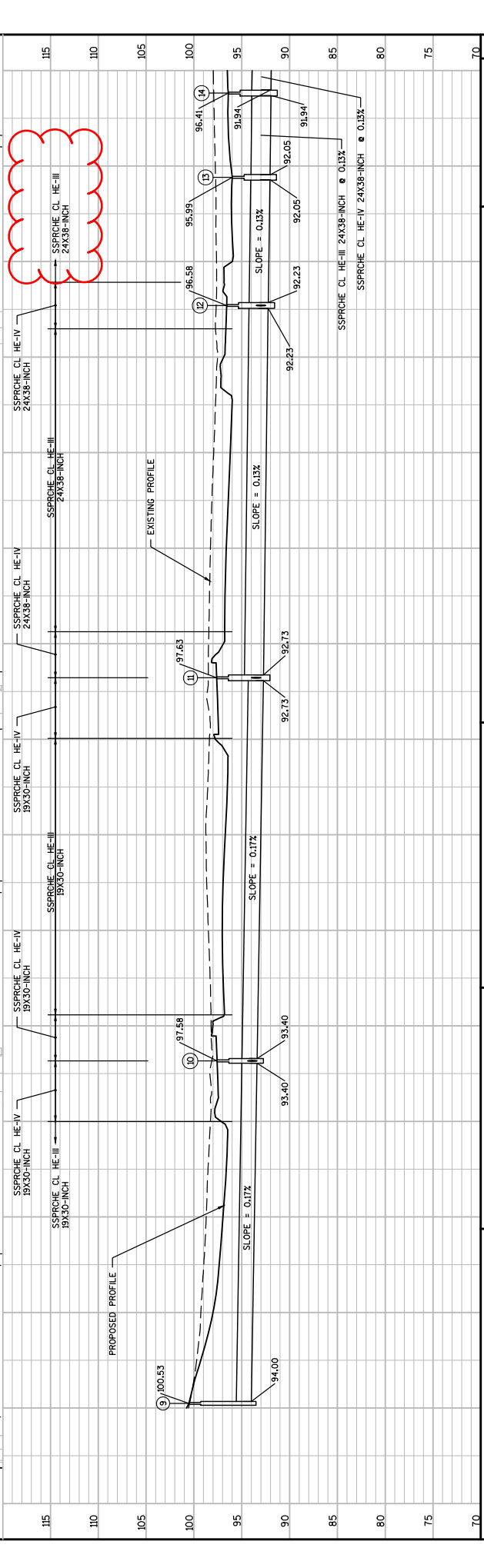
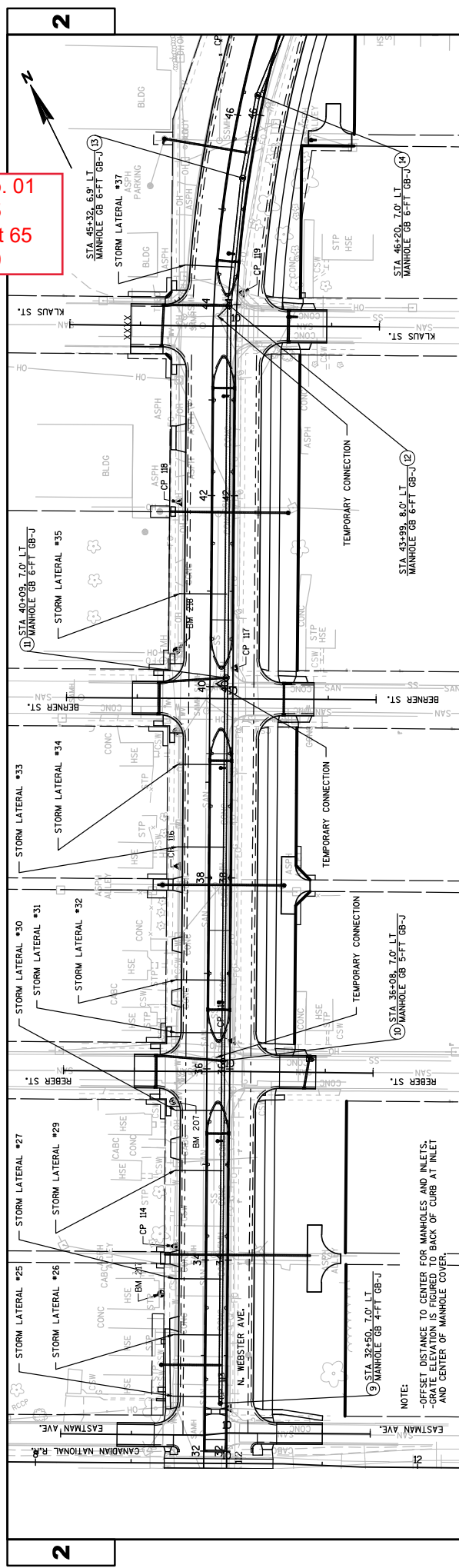
EAST RIVER



Addendum No. 01
ID 4987-02-65
Revised Sheet 54
March 5, 2019

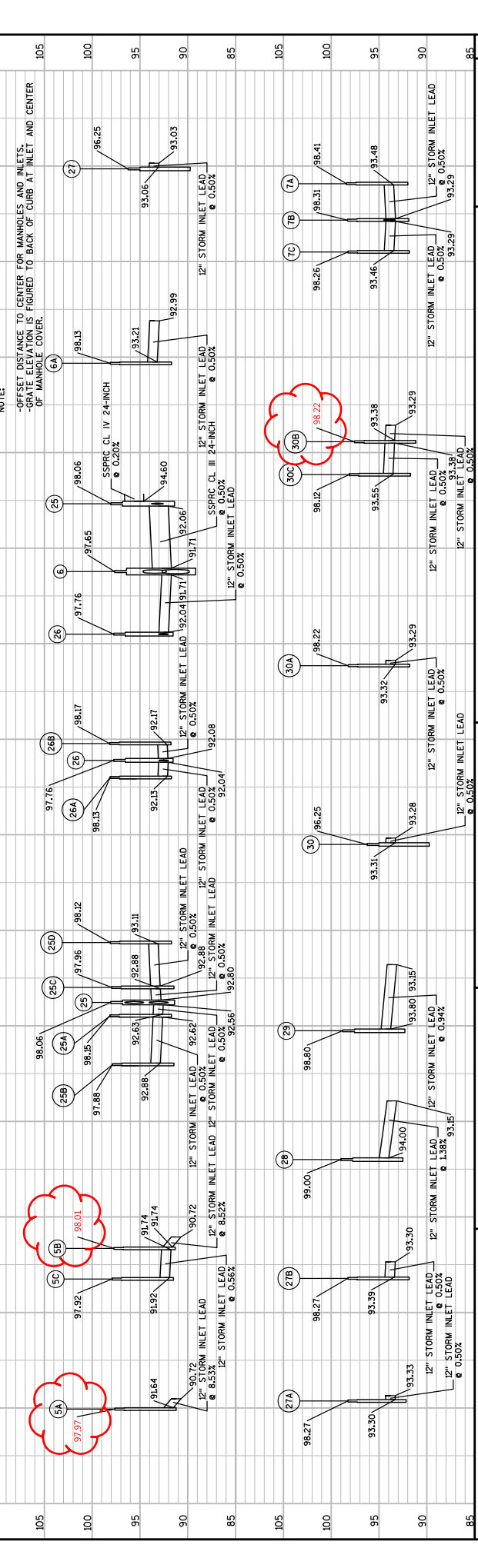
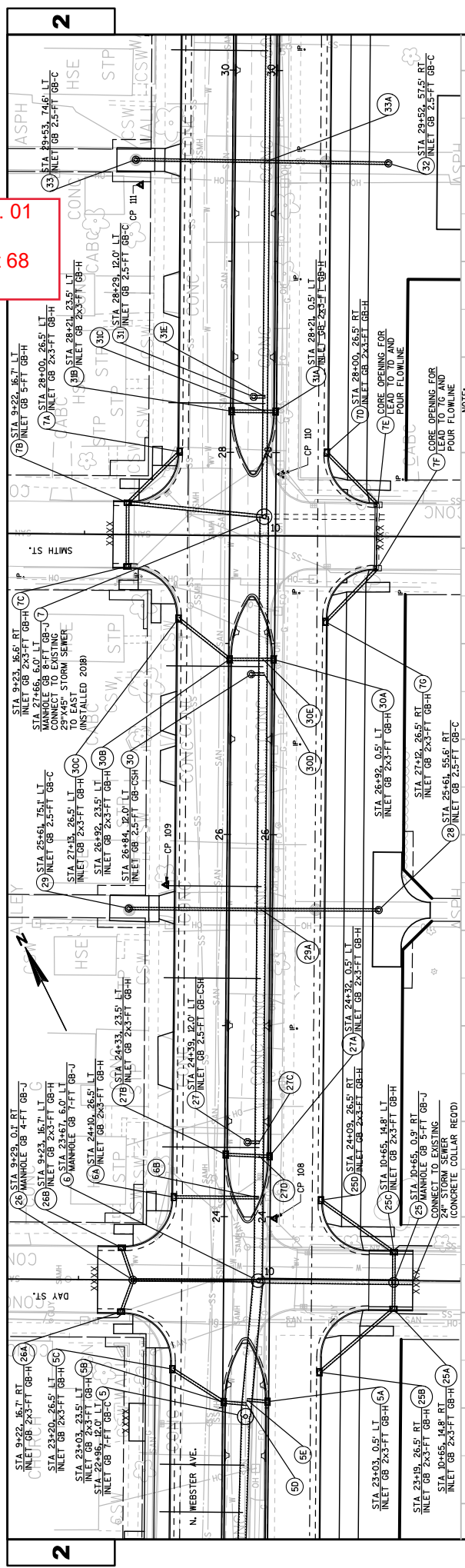
PROJECT NO: 4987-02-65	HWY: N. WEBSTER AVE.	COUNTY: BROWN	EROSION CONTROL	SHEET 54	E
FILE NAME : V:\TRANS-GB\450421 WEBSTER AVE\ROADWAY\CSO\SHEET\PLAN\022001 EC.DWG LAYOUT NAME - 020001 EC					WISDOT/CADD'S SHEET 42
PLOT DATE : 11/8/2018 11:21 AM			PLOT BY : VERVILLE, PHILLIP		
PLOT NAME :			PLOT SCALE : 1 IN:40 FT		

Addendum No. 01
ID 4987-02-65
Revised Sheet 65
March 5, 2019

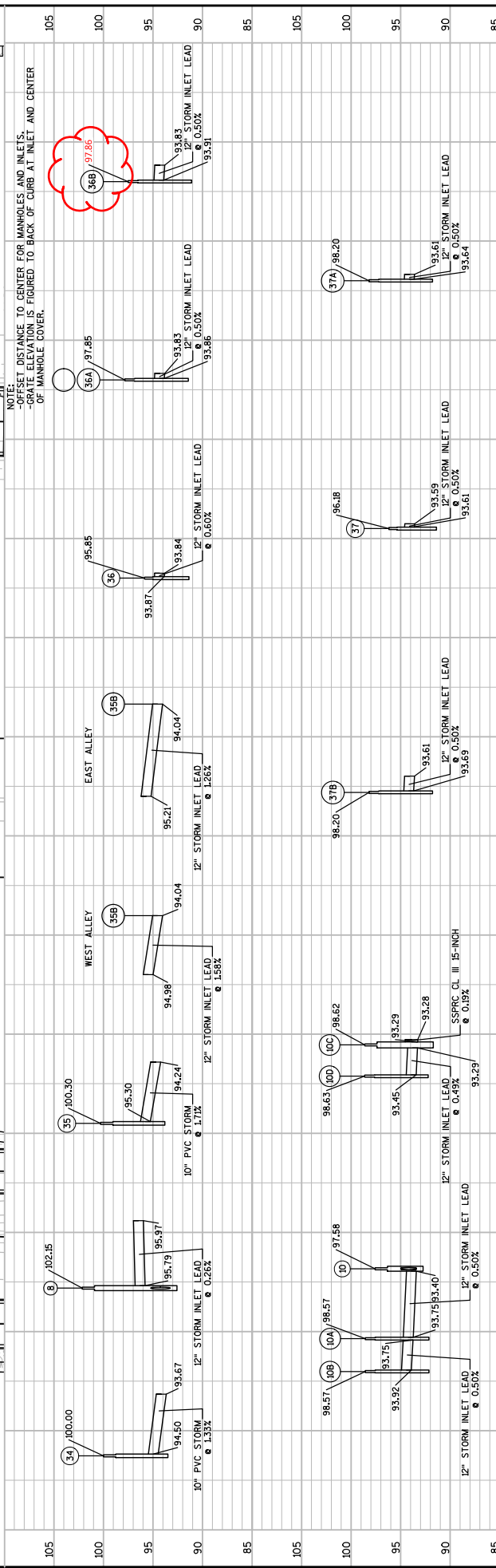




Addendum No. 01
ID 4987-02-65
Revised Sheet 68
March 5, 2019



2



NOTE:
OFFSET DISTANCE TO CENTER FOR MANHOLES AND INLETS.
GRATE ELEVATION IS FIGURED TO BACK OF CURB AT INLET AND CENTER
OF MANHOLE COVER.

PROJECT NO: 4987-02-65	HWY: WEBSTER AVE	COUNTY: BROWN	STORM SEWER	SHEET 70
FILE NAME : V:\TRANS-DB\450421 WEBSTER AVE\ROADWAY\CSD\SHEET\PLAN\022508-SS.DWG			PLOT DATE : 3/3/2019 1:38 PM	
LAYOUT NAME : 022508-SS - 022508			PLOT BY : AYRES ASSOCIATES	
			PLOT NAME :	
			PLOT SCALE : 1 IN=50 FT	
			WISDOT/CADDSS SHEET 41	

WISDOT/CADDs SHEET 41

PLOT SCALE : 1 IN:50 FT

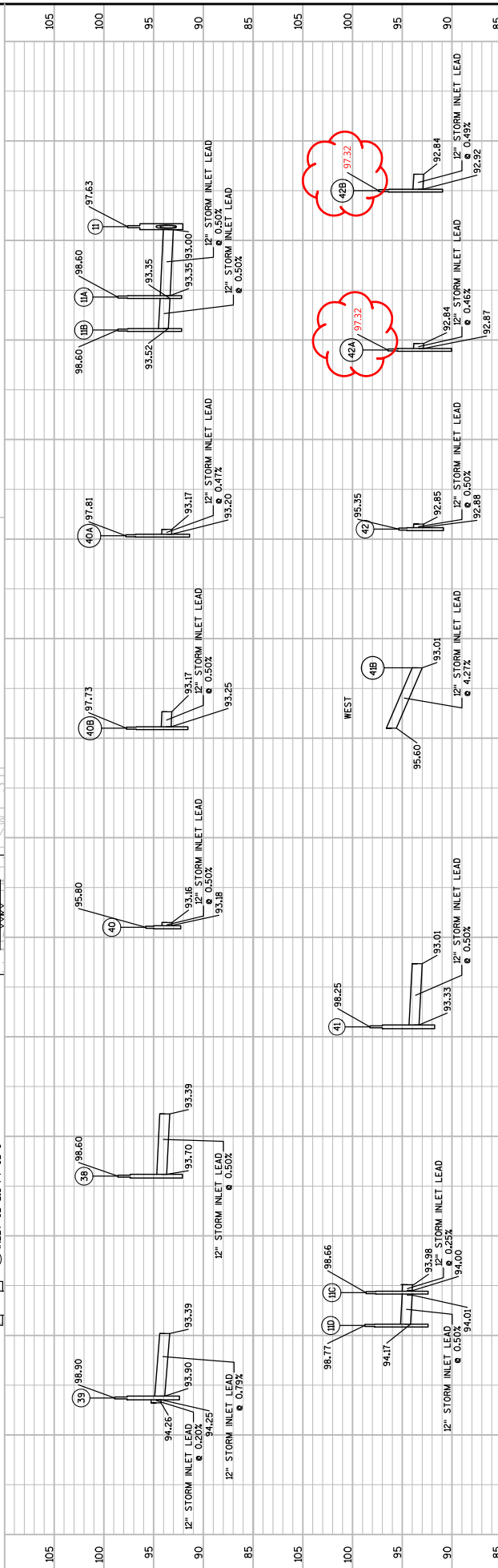
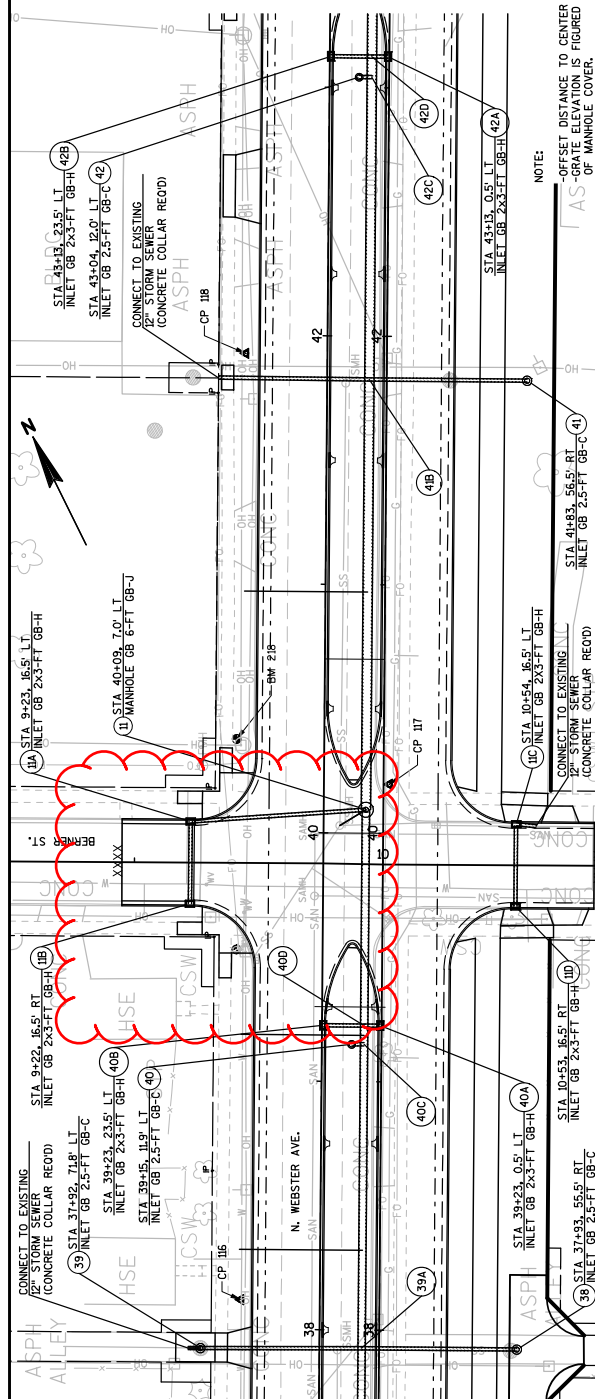
PLOT BY : AYRES ASSOCIATES PLOT NAME :

PLOT DATE : 3/3/2019 1:38 PM

LAN\022508-SS.DWG

FILE NAME : V:\TRANS-GB\450421 WEBSTER AVE\ROADWAY\C3D\SHEETSP\PLAN\022508-SS.DWG
LAYOUT NAME - 022508-SS - 022508

NOTE:
 - OFFSET DISTANCE TO CENTER FOR MANHOLES AND INLETS.
 - GRATE ELEVATION IS FIGURED TO BACK OF CURB AT INLET AND CENTER OF MANHOLE COVER.



NOTE:
 -OFFSET DISTANCE TO CENTER FOR MANHOLES AND INLETS.
 -GRATE ELEVATION IS FIGURED TO BACK OF CURB AT INLET AND CENTER OF MANHOLE COVER.

Diagram details include:
 -Manhole 43: 8" PVC STORM INLET LEAD (95.00' @ 3.20%), 12" STORM INLET LEAD (92.67' @ 0.50%), 12" STORM INLET LEAD (92.76').
 -Manhole 44: 12" STORM INLET LEAD (92.67' @ 0.50%), 12" STORM INLET LEAD (92.70').
 -Manhole 45: 8" PVC STORM INLET LEAD (95.00' @ 3.20%), 12" STORM INLET LEAD (92.67' @ 0.50%), 12" STORM INLET LEAD (92.76').
 -Manhole 46: 12" STORM INLET LEAD (92.67' @ 0.50%), 12" STORM INLET LEAD (92.70').
 -Manhole 47: 12" STORM INLET LEAD (92.67' @ 0.50%), 12" STORM INLET LEAD (92.70').
 -Manhole 48: 12" STORM INLET LEAD (92.67' @ 0.50%), 12" STORM INLET LEAD (92.70').
 -Manhole 49: 12" STORM INLET LEAD (92.67' @ 0.50%), 12" STORM INLET LEAD (92.70').
 -Manhole 50: 12" STORM INLET LEAD (92.67' @ 0.50%), 12" STORM INLET LEAD (92.70').

01

73

2

Sanitary Sewer Main Plan

36" SANITARY SEWER

STATIONING: 50+00 TO 54+00

MANHOLES: 48A, 49, 50, 51, 52, 53, 54

INLETS: 48A, 49, 50, 51, 52, 53, 54

CONNECTIONS TO EXISTING 36" SANITARY SEWER (CONCRETE COLLAR RECORD)

CONNECTIONS TO EXISTING 24" SANITARY SEWER (CONCRETE COLLAR RECORD)

CONNECTIONS TO EXISTING 18" SANITARY SEWER (CONCRETE COLLAR RECORD)

CONNECTIONS TO EXISTING 12" SANITARY SEWER (CONCRETE COLLAR RECORD)

CONNECTIONS TO EXISTING 8" SANITARY SEWER (CONCRETE COLLAR RECORD)

CONNECTIONS TO EXISTING 6" SANITARY SEWER (CONCRETE COLLAR RECORD)

CONNECTIONS TO EXISTING 4" SANITARY SEWER (CONCRETE COLLAR RECORD)

CONNECTIONS TO EXISTING 2" SANITARY SEWER (CONCRETE COLLAR RECORD)

CONNECTIONS TO EXISTING 1" SANITARY SEWER (CONCRETE COLLAR RECORD)

CONNECTIONS TO EXISTING 0.5" SANITARY SEWER (CONCRETE COLLAR RECORD)

CONNECTIONS TO EXISTING 0.25" SANITARY SEWER (CONCRETE COLLAR RECORD)

CONNECTIONS TO EXISTING 0.125" SANITARY SEWER (CONCRETE COLLAR RECORD)

CONNECTIONS TO EXISTING 0.0625" SANITARY SEWER (CONCRETE COLLAR RECORD)

CONNECTIONS TO EXISTING 0.03125" SANITARY SEWER (CONCRETE COLLAR RECORD)

CONNECTIONS TO EXISTING 0.015625" SANITARY SEWER (CONCRETE COLLAR RECORD)

CONNECTIONS TO EXISTING 0.0078125" SANITARY SEWER (CONCRETE COLLAR RECORD)

CONNECTIONS TO EXISTING 0.00390625" SANITARY SEWER (CONCRETE COLLAR RECORD)

CONNECTIONS TO EXISTING 0.001953125" SANITARY SEWER (CONCRETE COLLAR RECORD)

CONNECTIONS TO EXISTING 0.0009765625" SANITARY SEWER (CONCRETE COLLAR RECORD)

CONNECTIONS TO EXISTING 0.00048828125" SANITARY SEWER (CONCRETE COLLAR RECORD)

CONNECTIONS TO EXISTING 0.000244140625" SANITARY SEWER (CONCRETE COLLAR RECORD)

CONNECTIONS TO EXISTING 0.0001220703125" SANITARY SEWER (CONCRETE COLLAR RECORD)

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CONNECTIONS TO EXISTING 0.000000059604644775390625" SANITARY SEWER (CONCRETE COLLAR RECORD)

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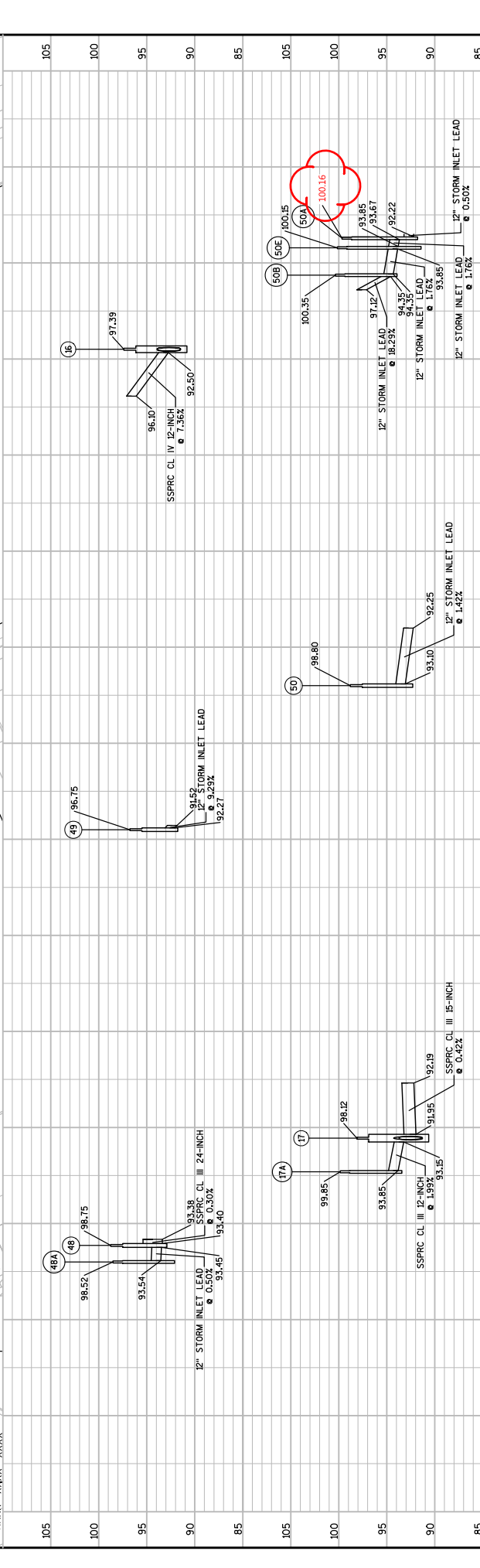
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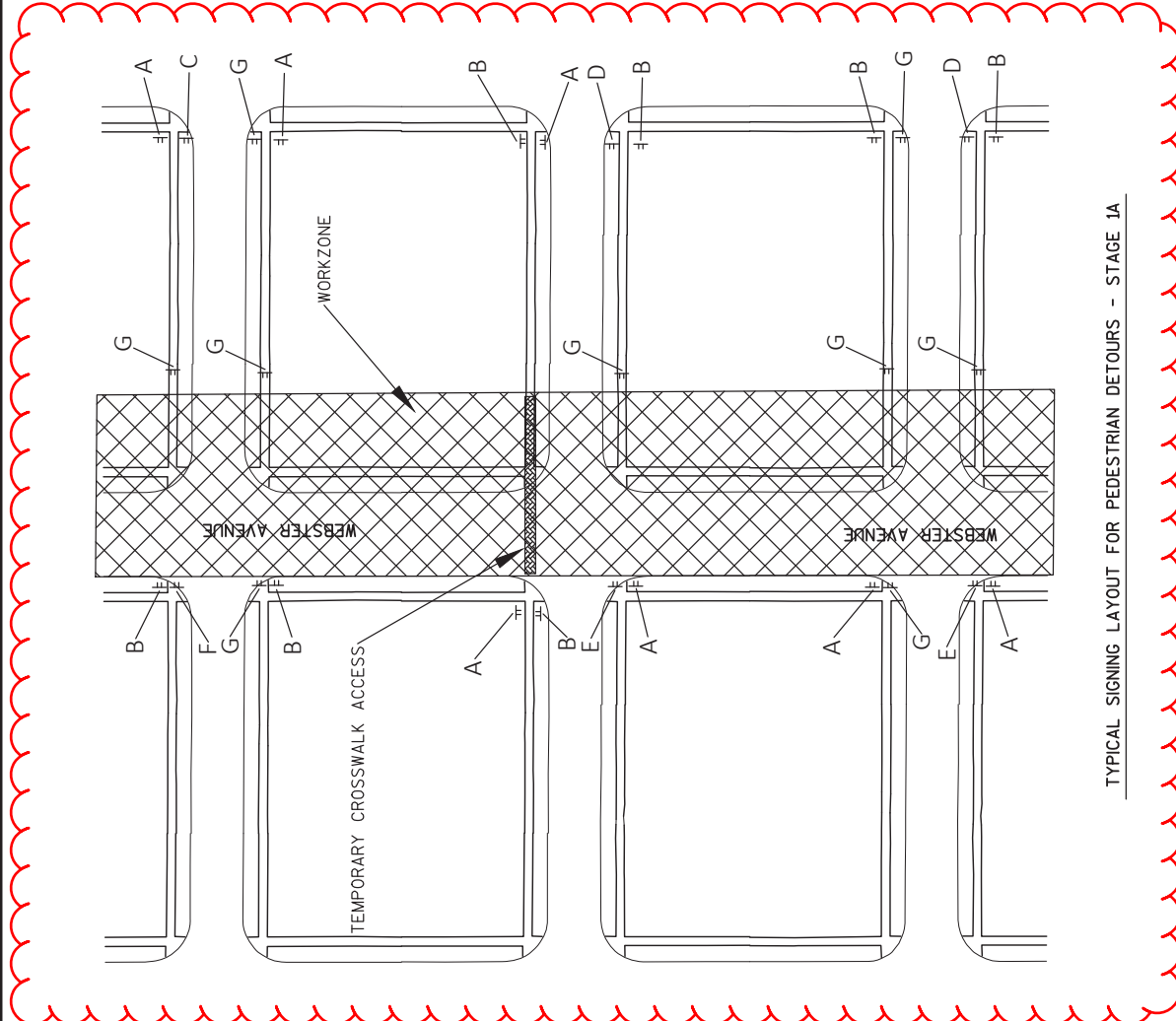
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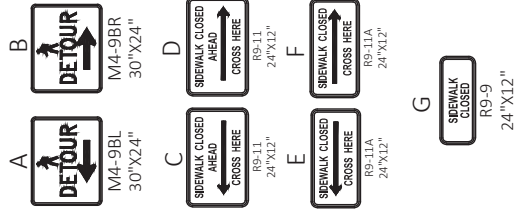
CONNECTIONS TO EXISTING 0.0000





TYPICAL SIGNING LAYOUT FOR PEDESTRIAN DETOURS - STAGE 1A

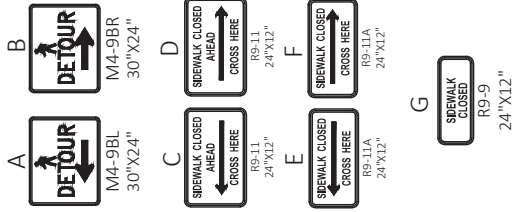
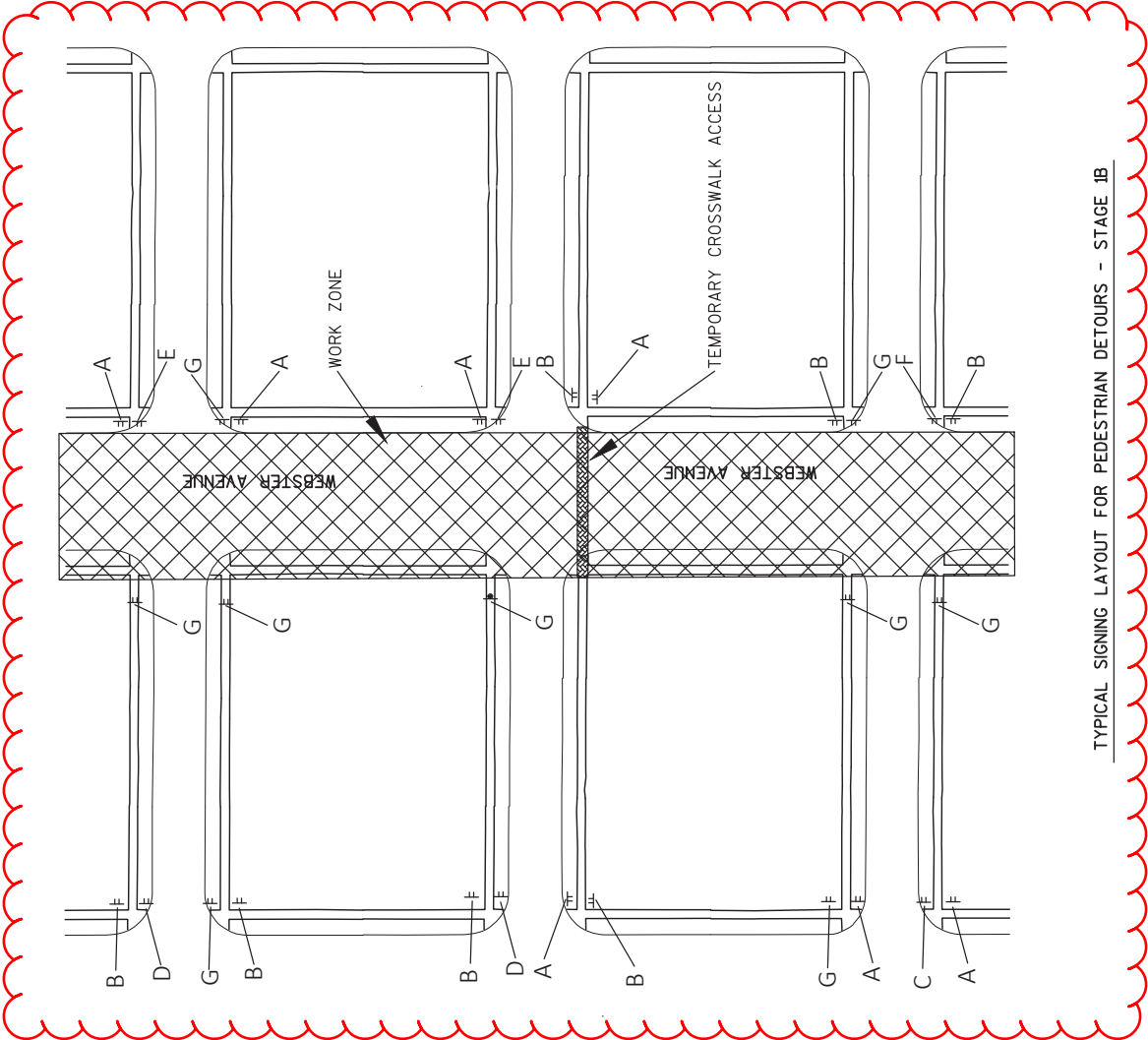
Addendum No. 01
ID 4987-02-65
Revised Sheet 88
March 5, 2019



GENERAL NOTES

ADJUST SIGNING AS NECESSARY TO MEET FIELD CONDITIONS
PROVIDE HARD SURFACE CROSSING IN LOCATION AS NOTED IN SPECIAL PROVISIONS
STAGE WORK AREA TO MAINTAIN A HARD SURFACE AT ALL TIMES AT NOTED LOCATION.
TO ALLOW FOR CONSTRUCTION OF CURB RAMPS IN WORK ZONE, ALTERNATE HARD SURFACE CROSSING FROM ONE SIDE OF SIDEWALK TO OTHER SIDE.

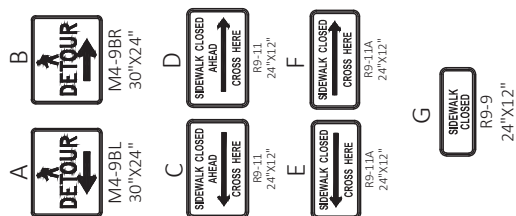
Addendum No. 01
ID 4987-02-65
Revised Sheet 89
March 5, 2019



GENERAL NOTES

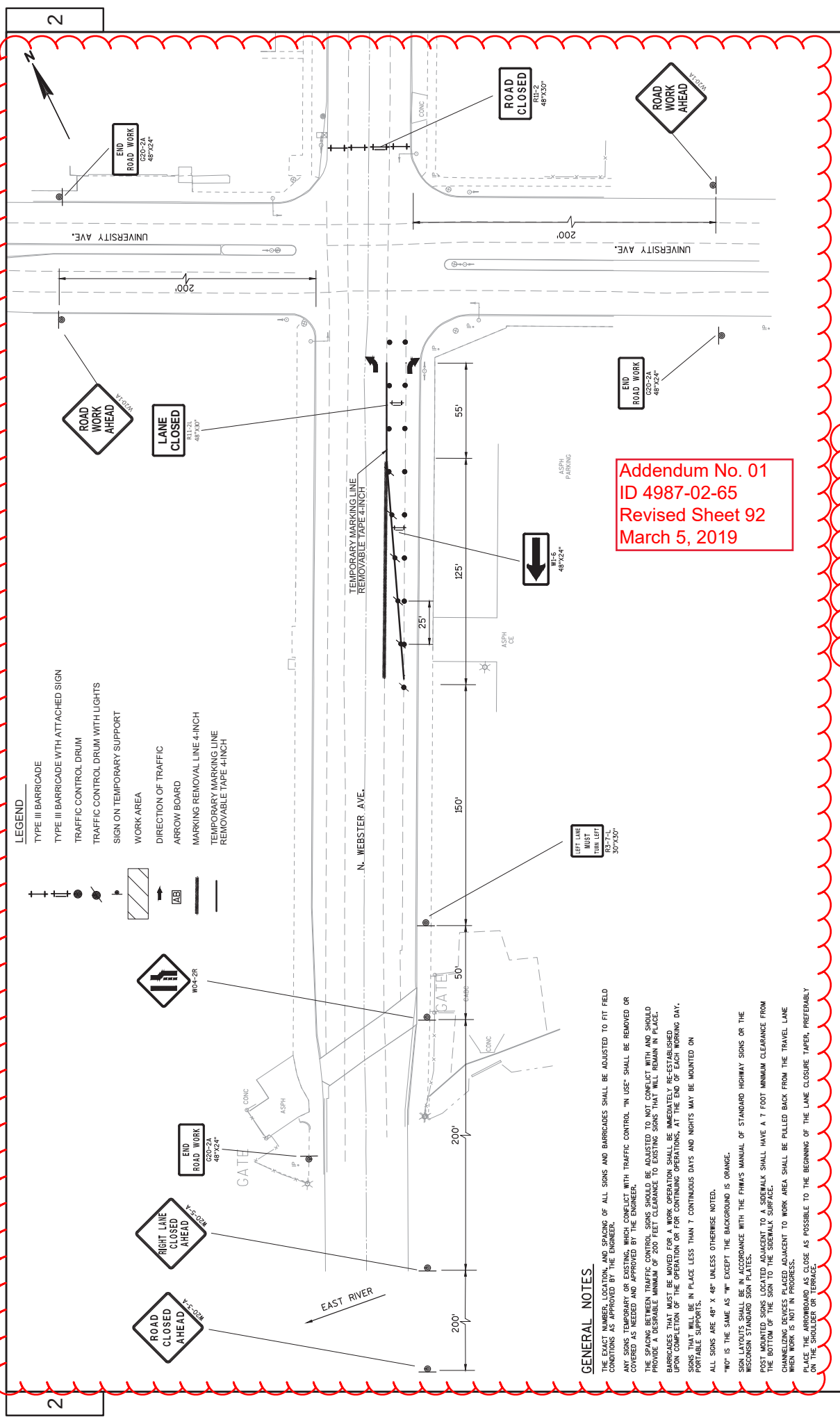
ADJUST SIGNING AS NECESSARY TO MEET FIELD CONDITIONS
PROVIDE HARD SURFACE CROSSING IN LOCATION AS NOTED IN SPECIAL PROVISIONS
STAGE WORK AREA TO MAINTAIN A HARD SURFACE AT ALL TIMES AT NOTED LOCATION
TO ALLOW FOR CONSTRUCTION OF CURB RAMPS IN WORK ZONE, ALTERNATE HARD SURFACE CROSSING FROM ONE SIDE OF SIDEROAD TO OTHER SIDE.

TYPICAL SIGNING LAYOUT FOR PEDESTRIAN DETOURS - STAGE 1B



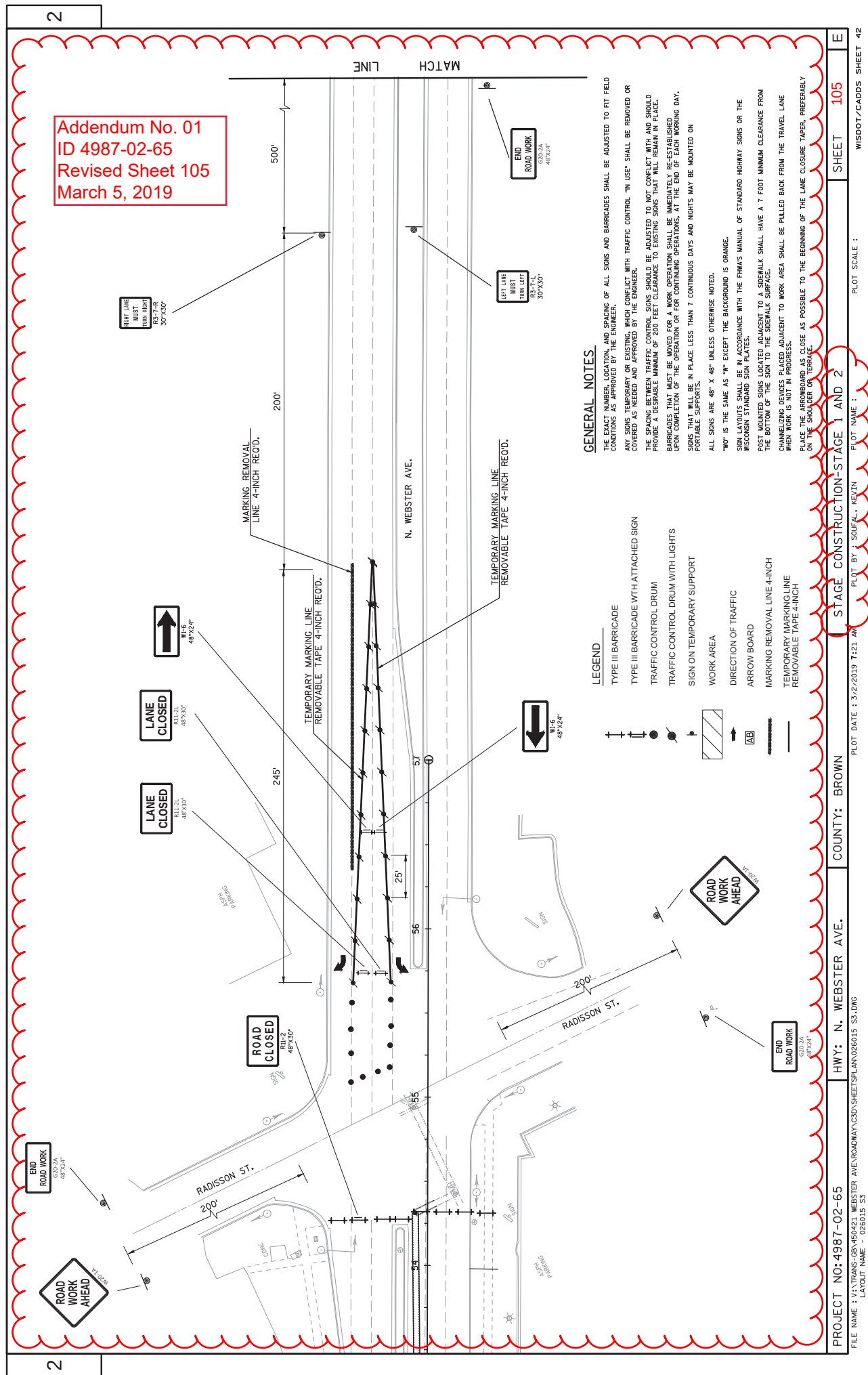
ADJUST SIGNING AS NECESSARY TO MEET FIELD CONDITIONS
FOLLOW DETOUR ROUTE AS NOTED IN SPECIAL PROVISIONS

TYPICAL SIGNING LAYOUT FOR PEDESTRIAN DETOURS - STAGE 2

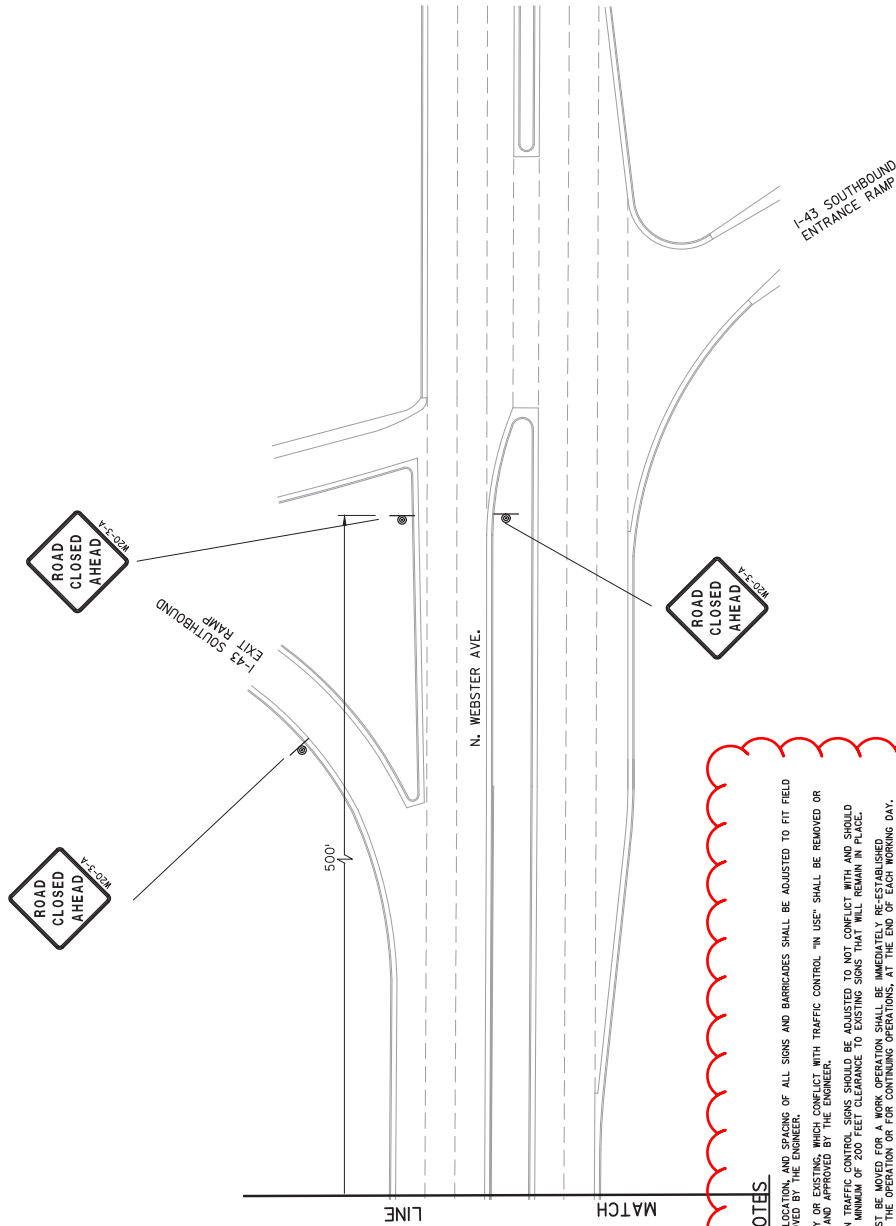


Addendum No. 01
ID 4987-02-65
Revised Sheet 92
March 5, 2019

Addendum No. 01
ID 4987-02-65
Revised Sheet 105
March 5, 2019

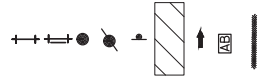


Addendum No. 01
ID 4987-02-65
Revised Sheet 106
March 5, 2019



LEGEND

- TYPE III BARRICADE
- TYPE III BARRICADE WITH ATTACHED SIGN
- TRAFFIC CONTROL DRUM
- TRAFFIC CONTROL DRUM WITH LIGHTS
- SIGN ON TEMPORARY SUPPORT
- WORK AREA
- DIRECTION OF TRAFFIC
- ARROW BOARD
- MARKING REMOVAL LINE 4-INCH
- TEMPORARY MARKING LINE
- REMOVABLE TAPE 4-INCH



GENERAL NOTES.

THE EXACT NUMBER, LOCATION, AND SPACING OF ALL SIGNS AND BARRICADES SHALL BE ADJUSTED TO FIT FIELD CONDITIONS AS APPROVED BY THE ENGINEER.

ANY SIGNS TEMPORARY OR EXISTING WHICH CONFLICT WITH TRAFFIC CONTROL "IN USE" SHALL BE REMOVED OR COVERED AS NEEDED AND APPROVED BY THE ENGINEER.

THE SPACING BETWEEN TRAFFIC CONTROL SIGNS SHOULD BE ADJUSTED TO NOT CONFLICT WITH AND SHOULD PROVIDE A DESIRABLE MINIMUM OF 200 FEET CLEARANCE TO EXISTING SIGNS THAT WILL REMAIN IN PLACE.

BARRICADES THAT MUST BE MOVED FOR A WORK OPERATION SHALL BE IMMEDIATELY RE-ESTABLISHED UPON COMPLETION OF THE OPERATION OR FOR CONTINUING OPERATIONS, AT THE END OF EACH WORKING DAY.

SIGNS THAT WILL BE IN PLACE LESS THAN 1 CONTINUOUS DAYS AND NIGHTS MAY BE MOUNTED ON PORTABLE SUPPORTS.

ALL SIGNS ARE 48" X 48" UNLESS OTHERWISE NOTED.

"W" IS THE SAME AS "W" EXCEPT THE BACKGROUND IS ORANGE.

SIGN LAYOUTS SHALL BE IN ACCORDANCE WITH THE FHWA'S MANUAL OF STANDARD HIGHWAY SIGNS OR THE WISCONSIN STANDARD SIGN PLATES.

POST MOUNTED SIGNS LOCATED ADJACENT TO A SIDEWALK SHALL HAVE A 7 FOOT MINIMUM CLEARANCE FROM THE BOTTOM OF THE SIGN TO THE SIDEWALK SURFACE.

CHANNELIZING DEVICES PLACED ADJACENT TO WORK AREA SHALL BE PULLED BACK FROM THE TRAVEL LANE WHEN WORK IS NOT IN PROGRESS.

PLACE ARROW BOARD AS CLOSE AS POSSIBLE TO THE BEGINNING OF THE LANE CLOSURE TAPER, PREFERABLY ON THE SHOULDER OR TERRACE.

PROJECT NO: 4987-02-65

HWY: N. WEBSTER AVE.

COUNTY: BROWN

STAGE CONSTRUCTION-STAGE 1 AND 2

SHEET 106

E

FILE NAME : V:\TRANS-GB\450421 WEBSTER AVE\ROADWAY\CD\3D\SHEET\PLAN\026016 S3.DWG

LAYOUT NAME - 026016 S3

PLOT DATE : 3/1/2019 6:52

PLOT BY : SOUFAL, KEVIN

PLOT NAME :

PLOT SCALE :

WISDOT/CADD'S SHEET 42

CLEARING AND GRUBBING

STATION	TO	STATION	LOCATION	201.0120 CLEARING D	201.0220 GRUBBING D
10+13.86	-	15+50	WEBSTER AVE, NB	36	36
15+50	-	19+73	WEBSTER AVE, NB	114	114
19+73	-	23+67	WEBSTER AVE, NB	127	127
23+67	-	27+56	WEBSTER AVE, NB	72	72
27+56	-	31+42	WEBSTER AVE, NB	105	105
31+42	-	32+19	WEBSTER AVE, NB	-	-
32+19	-	35+97	WEBSTER AVE, NB	-	-
35+97	-	39+87	WEBSTER AVE, NB	12	12
39+87	-	43+78	WEBSTER AVE, NB	20	20
43+78	-	54+75	WEBSTER AVE, NB	200	200
10+25	-	10+52	HARVEY ST	15	15
10+25	-	10+52	DAY ST	12	12
10+25	-	10+52	SMITH ST	36	36
10+25	-	10+52	EASTMAN AVE, EB	18	18
10+25	-	10+85	BERNER ST	30	30
UNDISTRIBUTED		ENTIRE PROJECT		88	88
TOTALS				885	885

TOTAL

30,040

NOTE

- QUANTITIES DO NOT REFLECT CONCRETE PAVEMENT REMOVED DURING UTILITY RELOCATIONS OR BUILDING REMOVALS. MAINLINE PAVEMENT AND SIDEROAD PAVEMENT TO BE MEASURED TO INCLUDE TRENCHES REGARDLESS OF MATERIAL IN TRENCH

REMOVING CONCRETE SIDEWALK

STATION	TO	STATION	LOCATION	204.0155 SY
10+14	-	15+50	WEBSTER AVE, NB	941
15+50	-	19+73	WEBSTER AVE, NB	367
19+73	-	23+67	WEBSTER AVE, NB	449
23+67	-	27+56	WEBSTER AVE, NB	286
27+56	-	31+42	WEBSTER AVE, NB	387
31+42	-	32+19	WEBSTER AVE, NB	33
32+19	-	35+97	WEBSTER AVE, NB	331
35+97	-	39+87	WEBSTER AVE, NB	289
39+87	-	43+78	WEBSTER AVE, NB	305
43+78	-	54+75	WEBSTER AVE, NB	712
TOTAL				4,100

4,100

REMOVING PAVEMENT

STATION	TO	STATION	LOCATION	204.0100 SY	REMARKS
10+13.86	-	15+50	WEBSTER AVE, NB	3,520	INCLUDES SIDEROAD PAVEMENT
15+50	-	19+73	WEBSTER AVE, NB	2,996	INCLUDES SIDEROAD PAVEMENT
19+73	-	23+67	WEBSTER AVE, NB	2,388	INCLUDES SIDEROAD PAVEMENT
23+67	-	27+56	WEBSTER AVE, NB	2,457	INCLUDES SIDEROAD PAVEMENT
27+56	-	31+42	WEBSTER AVE, NB	2,385	INCLUDES SIDEROAD PAVEMENT
31+42	-	32+19	WEBSTER AVE, NB	438	INCLUDES SIDEROAD PAVEMENT
32+19	-	35+97	WEBSTER AVE, NB	2,216	INCLUDES SIDEROAD PAVEMENT
35+97	-	39+87	WEBSTER AVE, NB	2,451	INCLUDES SIDEROAD PAVEMENT
39+87	-	43+78	WEBSTER AVE, NB	2,567	INCLUDES SIDEROAD PAVEMENT
43+78	-	54+75	WEBSTER AVE, NB	7,503	INCLUDES SIDEROAD PAVEMENT
10+13.86	-	15+50	WEBSTER AVE, NB, DRIVEWAYS	158	DRIVEWAY APRON AND DRIVEWAY SIDEWALK, INCLUDES SIDEROAD DRIVEWAYS
15+50	-	19+73	WEBSTER AVE, NB, DRIVEWAYS	134	DRIVEWAY APRON AND DRIVEWAY SIDEWALK, INCLUDES SIDEROAD DRIVEWAYS
19+73	-	23+67	WEBSTER AVE, NB, DRIVEWAYS	177	DRIVEWAY APRON AND DRIVEWAY SIDEWALK, INCLUDES SIDEROAD DRIVEWAYS
23+67	-	27+56	WEBSTER AVE, NB, DRIVEWAYS	191	DRIVEWAY APRON AND DRIVEWAY SIDEWALK, INCLUDES SIDEROAD DRIVEWAYS
27+56	-	31+42	WEBSTER AVE, NB, DRIVEWAYS	120	DRIVEWAY APRON AND DRIVEWAY SIDEWALK, INCLUDES SIDEROAD DRIVEWAYS
31+42	-	32+19	WEBSTER AVE, NB, DRIVEWAYS	18	DRIVEWAY APRON AND DRIVEWAY SIDEWALK, INCLUDES SIDEROAD DRIVEWAYS
32+19	-	35+97	WEBSTER AVE, NB, DRIVEWAYS	93	DRIVEWAY APRON AND DRIVEWAY SIDEWALK, INCLUDES SIDEROAD DRIVEWAYS
35+97	-	39+87	WEBSTER AVE, NB, DRIVEWAYS	137	DRIVEWAY APRON AND DRIVEWAY SIDEWALK, INCLUDES SIDEROAD DRIVEWAYS
39+87	-	43+77	WEBSTER AVE, NB, DRIVEWAYS	60	DRIVEWAY APRON AND DRIVEWAY SIDEWALK, INCLUDES SIDEROAD DRIVEWAYS
43+77	-	54+75	WEBSTER AVE, NB, DRIVEWAYS	31	DRIVEWAY APRON AND DRIVEWAY SIDEWALK, INCLUDES SIDEROAD DRIVEWAYS
TOTAL				30,040	

TOTAL

30,040

REMOVING CURB AND GUTTER

STATION	TO	STATION	LOCATION	204.0150 LF	REMARKS
10+14	-	15+50	WEBSTER AVE, NB	8	INCLUDES SIDEROAD CURB
15+50	-	19+73	WEBSTER AVE, NB	61	INCLUDES SIDEROAD CURB
19+73	-	23+67	WEBSTER AVE, NB	122	INCLUDES SIDEROAD CURB
23+67	-	27+56	WEBSTER AVE, NB	61	INCLUDES SIDEROAD CURB
27+56	-	31+42	WEBSTER AVE, NB	49	INCLUDES SIDEROAD CURB
31+42	-	32+19	WEBSTER AVE, NB	93	INCLUDES SIDEROAD CURB
32+19	-	35+97	WEBSTER AVE, NB	148	INCLUDES SIDEROAD CURB
35+97	-	39+87	WEBSTER AVE, NB	137	INCLUDES SIDEROAD CURB
39+87	-	43+78	WEBSTER AVE, NB	115	INCLUDES SIDEROAD CURB
43+78	-	54+75	WEBSTER AVE, NB	296	INCLUDES SIDEROAD CURB
TOTAL				1,090	

1,090

Addendum No. 01
ID 4987-02-65
Revised Sheet 116
March 5, 2019

ALL ITEMS ARE CATEGORY 0010 UNLESS OTHERWISE STATED

PROJECT NUMBER: 4987-02-65

HWY: WEBSTER AVE

COUNTY: BROWN

MISCELLANEOUS QUANTITIES

SHEET

116

E

REMOVING MANHOLES

STATION	TO	STATION	LOCATION	204.0210 EACH	COMMENT
15+50	-	19+73	WEBSTER AVE NB	2	INCLUDES SIDEROAD
19+73	-	23+67	WEBSTER AVE NB	2	INCLUDES SIDEROAD
23+67	-	27+56	WEBSTER AVE NB	2	INCLUDES SIDEROAD
27+56	-	31+42	WEBSTER AVE NB	3	INCLUDES SIDEROAD
31+42	-	35+97	WEBSTER AVE NB	1	INCLUDES SIDEROAD
35+97	-	39+87	WEBSTER AVE NB	2	INCLUDES SIDEROAD
39+87	-	43+78	WEBSTER AVE NB	2	INCLUDES SIDEROAD
43+78	-	54+75	WEBSTER AVE NB	6	INCLUDES SIDEROAD

TOTAL

20

REMOVING STORM SEWER

STATION	TO	STATION	LOCATION	204.0245.01 8-INCH TO 12-INCH LF	204.0245.02 15-INCH LF	204.0245.03 18-INCH LF	204.0245.04 21-INCH LF	204.0245.05 24-INCH LF	204.0245.06 30-INCH LF	204.0245.07 48-INCH LF	COMMENT
10+13.86	-	15+50	WEBSTER AVE NB	30	-	-	-	-	-	-	TEMPORARY CONNECTIONS INCLUDES SIDEROAD
15+50	-	19+73	WEBSTER AVE NB	160	125	-	-	-	-	260	INCLUDES SIDEROAD
19+73	-	23+67	WEBSTER AVE NB	250	-	-	-	100	395	-	INCLUDES SIDEROAD
23+67	-	27+56	WEBSTER AVE NB	390	-	355	-	-	40	-	INCLUDES SIDEROAD
27+56	-	31+42	WEBSTER AVE NB	340	360	10	-	-	-	-	INCLUDES SIDEROAD
31+42	-	35+97	WEBSTER AVE NB	400	-	-	-	-	-	-	INCLUDES SIDEROAD
35+97	-	39+87	WEBSTER AVE NB	485	80	-	-	-	-	-	INCLUDES SIDEROAD
39+87	-	43+78	WEBSTER AVE NB	400	-	-	-	-	-	-	INCLUDES SIDEROAD
43+78	-	54+75	WEBSTER AVE NB	655	170	175	80	145	-	-	INCLUDES SIDEROAD
TOTALS				3,110	735	540	80	245	435	260	

SEALING PPES

STATION	TO	STATION	LOCATION	204.0280 EACH	COMMENT
12+74	WEBSTER AVE NB	1			FOR TEMPORARY CONNECTION
13+89	WEBSTER AVE NB	1			FOR TEMPORARY CONNECTION
UNDISTURBED	WEBSTER AVE NB	10			FOR ABANDONED LATERALS FROM FORMER HOUSE LOTS.

TOTAL

12

REMOVING INLETS

STATION	TO	STATION	LOCATION	204.0220 EACH	COMMENT
10+13.86	-	15+50	WEBSTER AVE NB	4	INCLUDES SIDEROAD
15+50	-	19+73	WEBSTER AVE NB	5	INCLUDES SIDEROAD
19+73	-	23+67	WEBSTER AVE NB	6	INCLUDES SIDEROAD
23+67	-	27+56	WEBSTER AVE NB	10	INCLUDES SIDEROAD
27+56	-	31+42	WEBSTER AVE NB	4	INCLUDES SIDEROAD
31+42	-	35+97	WEBSTER AVE NB	3	INCLUDES SIDEROAD
35+97	-	39+87	WEBSTER AVE NB	6	INCLUDES SIDEROAD
39+87	-	43+78	WEBSTER AVE NB	4	INCLUDES SIDEROAD
43+78	-	54+75	WEBSTER AVE NB	17	INCLUDES SIDEROAD

TOTAL

59

Addendum No. 01
ID 4987-02-65
Revised Sheet 117
March 5, 2019

ABANDONING STORM SEWER

STATION	TO	STATION	LOCATION	12-INCH LF	SPV 0090.12 21-INCH LF
43+78	-	54+75	WEBSTER AVE NB	120	76
TOTALS				120	76

ALL ITEMS ARE CATEGORY 0010 UNLESS OTHERWISE STATED

EARTHWORK SUMMARY

Division	From/To Station	Location	Common Excavation (1)		(Item # 205.0100) EBS Excavation (3)	Unexpanded Fill	Expanded Fill (13)		Mass Ordinate +/- (14)	Waste	Comment:
			Cut					Factor 1.30			
1.00	10+13.86 - 54+75	WEBSTER AVE	35,362		0	368		478	34,884	34,884	
	8+92.5 - 10+83	UNIVERSITY AVENUE	339		0	1		1	338	338	
	9+00 - 10+75	HARVEY STREET	93		0	2		3	90	90	
	9+10 - 10+75	DAY STREET	341		0	2		3	338	338	
	9+15 - 10+53	SMITH STREET	19		0	0		0	19	19	
	8+75 - 11+20	EB EASTMAN STREET	132		0	28		36	96	96	
	8+65 - 11+00	WB EASTMAN STREET	100		0	15		20	81	81	
	9+00 - 10+52	REBER STREET	135		0	2		2	133	133	
	9+95 - 10+85	BERNER STREET	189		0	0		0	189	189	
	8+90-10+54	KLAUS STREET	254		0	0		0	254	254	
	10+55 - 11+14	VANDERBRAAK STREET	245		0	0		0	245	245	
	UNDISTRIBUTED		0		791	0		0	0	0	
Division 1 Total			37,209		791	418		543	36,666	36,666	
			Total Common Exc		38,000						

1) Common Excavation is the sum of the Cut and EBS Excavation columns. Item number 205.0100

3) EBS Excavation to be backfilled with Base Aggregate Dense 3-inch (Item 305.0130) as direct by Engineer in the field.

13) Expanded Fill: Factor = 1.3 Expanded Fill = Unexpanded Fill * Fill Factor

14) The Mass Ordinate + or - Qty calculated for the section. Plus quantity indicates an excess of material within the Division. Minus indicates a shortage of material within the section.

Addendum No. 01
ID 4987-02-65
Revised Sheet 118
March 5, 2019

ALL ITEMS ARE CATEGORY 0010 UNLESS OTHERWISE STATED

BASE AGGREGATE DENSE AND WATER									
STATION	TO	STATION	LOCATION	3/4-INCH TON	305.0120 TON	305.0130 TON	624.0100 WATER MGAL		
10+13.86	-	15+50	WEBSTER AVE NB	10	1,815	1,780	36.0		
15+50	-	19+73	WEBSTER AVE NB	-	1,529	1,617	31.4		
19+73	-	23+67	WEBSTER AVE NB	-	1,415	1,399	28.1		
23+67	-	27+56	WEBSTER AVE NB	-	1,360	1,387	27.5		
27+56	-	31+42	WEBSTER AVE NB	-	1,355	1,369	27.2		
31+42	-	32+19	WEBSTER AVE NB	-	190	350	5.4		
32+19	-	35+97	WEBSTER AVE NB	-	1,310	1,317	26.3		
35+97	-	39+87	WEBSTER AVE NB	-	1,352	1,387	27.4		
39+87	-	43+78	WEBSTER AVE NB	-	1,308	1,387	26.9		
43+78	-	54+75	WEBSTER AVE NB	-	3,825	3,945	77.7		
8+92.5	-	9+58	UNIVERSITY AVE EB	-	166	206	3.7		
10+30	-	10+83	UNIVERSITY AVE EB	-	169	202	3.7		
9+00	-	9+46	HARVEY ST	-	73	51	1.2		
10+30	-	10+75	HARVEY ST	-	90	51	1.4		
9+10	-	9+46	DAY ST	-	74	83	1.6		
10+30	-	10+75	DAY ST	-	73	51	1.2		
9+15	-	9+46	SMITH ST	-	67	73	1.4		
10+30	-	10+53	SMITH ST	-	71	71	1.4		
8+75	-	9+46	EASTMAN AVE EB	-	97	39	1.3		
10+30	-	11+20	EASTMAN AVE EB	-	121	38	1.6		
8+85	-	8+46	EASTMAN AVE WB	-	74	37	1.1		
10+30	-	11+00	EASTMAN AVE WB	-	87	36	1.2		
9+00	-	9+46	REBER ST	-	90	55	1.4		
10+30	-	10+52	REBER ST	-	103	55	1.6		
8+95	-	9+46	BERNER ST	-	97	54	1.5		
10+30	-	10+85	BERNER ST	-	108	120	2.3		
8+90	-	9+46	KLAUS ST	-	129	152	2.8		
10+30	-	10+54	KLAUS ST	-	121	58	1.8		
10+55	-	11+14	VANDERBRAAK ST	-	166	-	1.7		
			ALLEY TURNAROUNDS	-	750	-	7.5		
UNDISTRIBUTED ENTIRE PROJECT		EBS DUST CONTROL		-	-	130	102.7		
TOTALS				10	18,185	17,500	458		

NOTE: BASE AGGREGATE DENSE FOR SIDEWALK AND RAMPS ARE SHOWN WITH ROADS ABOVE

CONCRETE PAVEMENT													
STATION	TO	STATION	LOCATION	CONCRETE PAVEMENT 8.5-INCH SY	CONCRETE PAVEMENT HES 8.5-INCH SY	CONCRETE PAVEMENT HES 8.5-INCH SY	CONCRETE PAVEMENT HES 8.5-INCH SY	CONCRETE PAVEMENT HES 8.5-INCH SY	CONCRETE PAVEMENT HES 8.5-INCH SY	CONCRETE PAVEMENT HES 8.5-INCH SY	CONCRETE PAVEMENT HES 8.5-INCH SY	CONCRETE PAVEMENT HES 8.5-INCH SY	CONCRETE PAVEMENT HES 8.5-INCH SY
10+13.86	-	15+50	WEBSTER AVE NB	2,566	-	525	3,367	-	-	-	-	-	-
15+50	-	19+73	WEBSTER AVE NB	2,320	1	525	3,060	-	-	-	-	-	-
19+73	-	23+67	WEBSTER AVE NB	2,396	-	-	2,608	-	-	-	-	-	-
23+67	-	27+56	WEBSTER AVE NB	2,376	-	-	2,585	-	-	-	-	-	-
27+56	-	31+42	WEBSTER AVE NB	2,242	-	-	2,465	-	-	-	-	-	-
31+42	-	32+19	WEBSTER AVE NB	95	-	-	99	-	-	-	-	-	-
32+19	-	35+97	WEBSTER AVE NB	2,214	-	-	2,425	-	-	-	-	-	-
35+97	-	39+87	WEBSTER AVE NB	2,377	-	-	2,586	-	-	-	-	-	-
39+87	-	43+78	WEBSTER AVE NB	2,379	-	-	2,587	-	-	-	-	-	-
43+78	-	54+75	WEBSTER AVE NB	6,714	-	150	7,441	32	34	-	-	-	-
8+92.5	-	9+58	UNIVERSITY AVE EB	-	-	470	506	-	40	-	-	-	-
10+30	-	10+83	UNIVERSITY AVE EB	-	-	490	524	-	40	-	-	-	-
9+24	-	9+51	HARVEY ST	115	-	-	-	-	-	-	-	-	-
10+25	-	10+52	HARVEY ST	115	-	-	-	-	-	-	-	-	-
9+10	-	9+51	DAY ST	174	-	-	-	-	24	-	-	-	-
10+25	-	10+52	DAY ST	115	-	-	133	-	-	-	-	-	-
9+15	-	9+51	SMITH ST	158	-	-	178	-	24	-	-	-	-
10+25	-	10+52	SMITH ST	126	-	-	144	-	-	-	-	-	-
9+24	-	9+51	EASTMAN AVE EB	80	-	-	95	-	-	-	-	-	-
10+25	-	10+52	EASTMAN AVE EB	79	-	-	94	-	-	-	-	-	-
9+24	-	9+51	EASTMAN AVE WB	48	-	-	61	-	-	-	-	-	-
10+25	-	10+52	EASTMAN AVE WB	44	-	-	57	-	-	-	-	-	-
9+24	-	9+51	REBER ST	125	-	-	143	-	-	-	-	-	-
10+25	-	10+52	REBER ST	126	-	-	144	-	-	-	-	-	-
9+24	-	9+51	BERNER ST	125	-	-	143	-	-	-	-	-	-
10+25	-	10+85	BERNER ST	235	-	-	267	-	24	-	-	-	-
8+90	-	9+51	KLAUS ST	310	-	-	343	-	24	-	-	-	-
10+25	-	10+54	KLAUS ST	128	-	-	146	-	-	-	-	-	-
UNDISTRIBUTED RADSSON ST INTERSECTION				-	-	120	120	36	40	-	-	-	-
TOTALS				27,780	1	2,280	32,320	68	250	-	-	-	-

* QUANTITIES SHOWN ELSEWHERE

Addendum No. 01
ID 4987-02-65
Revised Sheet 119
March 5, 2019

CATEGORY	STATION	TO	STATION	LOCATION	405.0200 CY	COMMENT
0020	10+13.86	-	15+50	WEBSTER AVE NB	19	CROSSWALK
	15+50	-	19+73	WEBSTER AVE NB	38	CROSSWALK
	19+73	-	23+67	WEBSTER AVE NB	35	CROSSWALK
	23+67	-	27+56	WEBSTER AVE NB	36	CROSSWALK
	27+56	-	31+42	WEBSTER AVE NB	31	CROSSWALK
	32+19	-	35+97	WEBSTER AVE NB	30	CROSSWALK
	35+97	-	39+87	WEBSTER AVE NB	36	CROSSWALK
	39+87	-	43+78	WEBSTER AVE NB	37	CROSSWALK
	43+78	-	54+75	WEBSTER AVE NB	41	CROSSWALK
	8+92.5	-	9+58	UNIVERSITY AVE EB	15	CROSSWALK
	10+30	-	10+83	UNIVERSITY AVE EB	20	CROSSWALK
TOTAL					338	

ALL ITEMS ARE CATEGORY 0010 UNLESS OTHERWISE STATED

Addendum No. 01
ID 4987-02-65
Revised Sheet 120
March 5, 2019

CONCRETE SIDEWALK AND DRIVEWAY

CATEGORY	STATION	TO	STATION	LOCATION	416.0160 DRIVEWAY 6-INCH	416.0180 DRIVEWAY 8-INCH	416.0280 DRIVEWAY HES 8-INCH	602.0405 SIDEWALK 4-INCH	SPV.0165.01 SIDEWALK 8-INCH	602.0515 CURB RAMP DETECTABLE WARNING FIELD NATURAL PATINA	602.0515 CURB RAMP DETECTABLE WARNING FIELD RADIAL NATURAL PATINA	602.0615 CURB RAMP DETECTABLE WARNING FIELD RADIAL NATURAL PATINA	COMMENT
0010					SY	SY	SY	SF	SF	SF	SF	SF	
	10+13.86	-	15+50	WEBSTER AVE NB	-	135	43	7,368	516	30	-	-	HES FOR CLINIC DRIVEWAY
	15+50	-	19+73	WEBSTER AVE NB	-	-	42	1,168	612	80	-	-	HES FOR FIRE DEPT DRIVEWAY
	19+73	-	23+67	WEBSTER AVE NB	32	39	-	2,200	554	90	-	-	
	23+67	-	27+56	WEBSTER AVE NB	34	42	-	200	657	80	-	-	
	27+56	-	31+42	WEBSTER AVE NB	17	40	-	442	740	100	-	-	
	31+42	-	32+19	WEBSTER AVE NB	-	-	-	-	378	90	-	-	
	32+19	-	35+97	WEBSTER AVE NB	14	46	-	640	691	110	-	-	
	35+97	-	39+87	WEBSTER AVE NB	12	44	-	100	714	80	-	-	
	39+87	-	43+78	WEBSTER AVE NB	-	24	-	149	716	80	-	-	
	43+78	-	54+75	WEBSTER AVE NB	-	-	-	805	1,057	50	25	-	
	8+92.5	-	9+58	UNIVERSITY AVE EB	-	-	-	175	-	-	-	-	
	10+30	-	10+83	UNIVERSITY AVE EB	-	-	-	177	-	-	-	-	
	9+00	-	9+46	HARVEY ST	-	-	-	162	-	-	-	-	
	10+30	-	10+75	HARVEY ST	39	-	-	99	-	-	-	-	
	9+10	-	9+46	DAY ST	-	-	-	100	-	-	-	-	
	10+30	-	10+75	DAY ST	-	-	-	176	-	-	-	-	
	9+15	-	9+46	SMITH ST	-	-	-	100	-	-	-	-	
	10+30	-	10+60	SMITH ST	-	-	-	125	-	-	-	-	
	8+75	-	9+46	EASTMAN AVE EB	-	-	-	265	-	-	-	-	
	10+30	-	11+20	EASTMAN AVE EB	-	-	-	363	-	-	-	-	
	8+85	-	8+46	EASTMAN AVE WB	-	-	-	-	-	-	-	-	
	10+30	-	11+00	EASTMAN AVE WB	-	-	-	265	-	-	-	-	
	9+00	-	9+46	REBER ST	-	-	-	100	-	-	-	-	
	10+30	-	10+52	REBER ST	9	-	-	155	-	-	-	-	
	8+95	-	9+46	BERNER ST	-	-	-	-	-	-	-	-	
	10+30	-	10+85	BERNER ST	20	-	-	201	-	-	-	-	
	8+90	-	9+46	KLAUS ST	-	-	-	235	-	-	-	-	
	10+30	-	10+54	KLAUS ST	18	-	-	210	-	-	-	-	
	10+55	-	11+14	VANDERBRAAK ST	-	-	-	60	-	-	-	-	
				UNDISTRIBUTED	-	-	-	500	-	-	-	-	
CATEGORY TOTAL					195	370	85	16,540	6,635	790	25		
0020													
				UNDISTRIBUTED	-	-	-	500	-	-	-	-	UTILITY DISTURBED SIDEWALK
				UNDISTRIBUTED	-	-	-	750	-	-	-	-	MATCH INTO EXISTING NON ADA SIDEWALK
CATEGORY TOTAL					0	0	0	1,250	0	0	0	0	
TOTALS					195	370	85	17,790	6,635	790	25		

ALL ITEMS ARE CATEGORY 0010 UNLESS OTHERWISE STATED

CONCRETE SURFACE DRAINS

STATION	TO	STATION	LOCATION	416.1010 CONCRETE SURFACE DRAINS CY	606.0200 RRRAP MEDIUM CY	628.2037 EROSION MAT CLASS II TYPE B SY	628.2037 EROSION MAT CLASS II TYPE C SY	645.0120 GEOTEXTILE TYPE HR SY
19+73	-	23+67	WEBSTER AVE NB	8	2	10	10	4
23+67	-	27+56	WEBSTER AVE NB	8	2	10	10	4
27+56	-	31+42	WEBSTER AVE NB	8	2	10	10	4
32+19	-	35+97	WEBSTER AVE NB	8	2	10	10	4
35+97	-	39+87	WEBSTER AVE NB	8	2	10	10	4
39+87	-	43+78	WEBSTER AVE NB	8	2	10	10	4
43+78	-	54+75	WEBSTER AVE NB	28	7	35	35	14
TOTAL				76	19	95	95	38

ASPHALTIC SURFACE TEMPORARY

LOCATION	465.0125 TON
UNDISTRIBUTED	50
TOTAL	50

NOTE: USE WITH ENGINEER APPROVAL ONLY

ASPHALTIC PAVEMENT

STATION	TO	STATION	LOCATION	455.0605 TACK COAT GAL	460.5224 HMA PAVEMENT 4 LT 58-28 S TON	460.6223 HMA PAVEMENT 3 MT 58-28 S TON	460.6224 HMA PAVEMENT 4 MT 58-28 S TON	450.4000 HMA COLD WEATHER PAVING TON	465.0105 ASPHALTIC SURFACE TON	465.0120 ASPHALTIC SURFACE DRIVEWAYS AND FIELD ENTRANCES TON
10+13.86	-	15+50	WEBSTER AVE NB	-	-	-	-	-	63	16
15+50	-	19+73	WEBSTER AVE NB	10	29	-	-	-	66	-
19+73	-	23+67	WEBSTER AVE NB	13	36	-	-	-	65	-
23+67	-	27+56	WEBSTER AVE NB	11	32	-	-	-	64	-
27+56	-	31+42	WEBSTER AVE NB	13	38	-	-	-	64	2
31+42	-	32+19	WEBSTER AVE NB	29	-	120	45	40	10	-
32+19	-	35+97	WEBSTER AVE NB	12	34	-	-	-	63	-
35+97	-	39+87	WEBSTER AVE NB	11	31	-	-	-	64	-
39+87	-	43+78	WEBSTER AVE NB	0	0	-	-	-	64	7
43+78	-	54+75	WEBSTER AVE NB	9	26	-	-	-	212	9
9+00	-	9+24	HARVEY ST	6	15	-	-	-	-	-
10+62	-	10+75	HARVEY ST	5	14	-	-	-	-	-
10+62	-	10+75	DAY ST	5	15	-	-	-	-	-
10+62	-	10+60	SMITH ST	2	6	-	-	-	-	-
8+75	-	9+24	EASTMAN AVE EB	9	24	-	-	-	-	-
10+62	-	11+20	EASTMAN AVE EB	12	32	-	-	-	-	-
8+85	-	9+24	EASTMAN AVE WB	7	19	-	-	-	-	-
10+62	-	11+05	EASTMAN AVE WB	8	23	-	-	-	-	-
9+00	-	9+24	REBER ST	6	17	-	-	-	-	-
10+62	-	10+85	REBER ST	8	23	-	-	-	-	-
8+95	-	9+24	BERNER ST	8	21	-	-	-	-	-
8+90	-	9+24	KLAUS ST	10	29	-	-	-	-	3
10+52	-	10+95	KLAUS ST	10	29	-	-	-	-	-
10+55	-	11+14	VANDERBRAAK ST	31	88	-	-	-	-	8
TOTALS				305	780	120	45	40	735	45

ALL ITEMS ARE CATEGORY 0010 UNLESS OTHERWISE STATED

STORM SEWER STRUCTURES AND COVERS

STR NO.	SPV.0060.01		SPV.0060.02		SPV.0060.03		SPV.0060.04		SPV.0060.05		SPV.0060.06		SPV.0060.07		SPV.0060.08		SPV.0060.09		SPV.0060.10		SPV.0060.11		SPV.0060.12		SPV.0060.13		SPV.0060.14		SPV.0060.15		SPV.0060.26		SPV.0060.37		
	MANHOLE	COVERS	INLET	COVERS	INLET	COVERS	INLET	COVERS	INLET	COVERS	INLET	COVERS	INLET	COVERS	INLET	COVERS	INLET	COVERS	INLET	COVERS	INLET	COVERS	INLET	COVERS	INLET	COVERS	INLET	COVERS	INLET	COVERS	INLET	COVERS	INLET	COVERS	
	GB-J	GB-H	GB-C	GB-C	GB-C	GB-C	GB-C	GB-C	GB-C	GB-C	GB-C	GB-C	GB-C	GB-C	GB-C	GB-C	GB-C	GB-C	GB-C	GB-C	GB-C	GB-C	GB-C	GB-C	GB-C	GB-C	GB-C	GB-C	GB-C	GB-C	GB-C	GB-C	GB-C	GB-C	GB-C
3A	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
4	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
4A	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
4B	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
4C	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
4D	1	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
4E	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
5	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
5A	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
5B	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
5C	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
6	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
6A	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
7	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
7A	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
7B	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
7C	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
7D	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
7E	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
8	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
9	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
10	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
10A	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
10B	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
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10D	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
11	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
11A	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
11B	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
11C	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
11D	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-														

ALL ITEMS ARE CATEGORY 0010 UNLESS OTHERWISE STATED

PROJECT NUMBER: 4987-02-65

HWY: WEBSTER AVE

COUNTY: BROWN

MISCELLANEOUS QUANTITIES

SHEET

126

E

STORM SEWER STRUCTURES AND COVERS (CONTINUED)

STR. NO.	SPV.0060.01 MANHOLE COVERS TYPE GB-J EACH	SPV.0060.02 INLET COVERS TYPE GB-H EACH	SPV.0060.03 INLET COVERS TYPE GB-C EACH	SPV.0060.04 INLET COVERS TYPE GB-CSH EACH	SPV.0060.05 INLETS GB 2X3-FT EACH	SPV.0060.06 INLETS GB 2.5-FT EACH	SPV.0060.07 INLETS GB 4-FT EACH	SPV.0060.08 INLETS GB 5-FT EACH	SPV.0060.09 INLETS GB 7-FT EACH	SPV.0060.10 INLETS GB 4 X 6-FT EACH	SPV.0060.11 MANHOLES GB 4-FT EACH	SPV.0060.12 MANHOLES GB 5-FT EACH	SPV.0060.13 MANHOLES GB 6-FT EACH	SPV.0060.14 MANHOLES GB 7-FT EACH	SPV.0060.15 MANHOLES GB 8-FT EACH	SPV.0060.26 BACKFLOW PREVENTOR 10-INCH EACH	SPV.0060.37 CONCRETE INLET BOTTOM SMITH STREET
43B	-	1	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-
44	-	-	-	1	-	1	-	-	-	-	-	-	-	-	-	-	-
44A	-	1	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-
44B	-	1	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-
45	-	-	1	-	-	1	-	-	-	-	-	-	-	-	-	-	-
46	-	-	1	-	-	1	-	-	-	-	-	-	-	-	-	-	-
47	1	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-
47A	-	1	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-
47B	-	1	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-
48	1	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-
48A	-	1	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-
49	-	-	1	-	-	1	-	-	-	-	-	-	-	-	-	-	-
50	-	-	1	-	-	1	-	-	-	-	-	-	-	-	-	-	-
50A	-	1	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-
50B	-	1	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-
50E	-	1	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-
51	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
52	-	1	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-
7F	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
7E	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TOTALS	22	61	23	4	58	24	2	1	1	2	5	4	6	1	4	2	2

STORM SEWER INLET AND MANHOLE COVERS

STR. NO.	LOCATION	SPV.0060.28 INSTALL INLET COVERS EACH	SPV.0060.30 ADJUSTING STORM SEWER MANHOLE COVERS EACH	SPV.0060.31 ADJUSTING INLET COVERS EACH
1	WEBSTER AVE NB, RT	-	1	-
1A	WEBSTER AVE NB, RT	1	-	-
1B	WEBSTER AVE NB, LT	1	-	-
1C	WEBSTER AVE NB, RT	1	-	-
1E	WEBSTER AVE NB, LT	-	1	-
1F	WEBSTER AVE NB, LT	1	-	-
2	WEBSTER AVE NB, LT	-	1	-
2A	WEBSTER AVE NB, RT	1	-	-
2B	WEBSTER AVE NB, RT	1	-	-
2C	WEBSTER AVE NB, LT	1	-	-
2D	WEBSTER AVE NB, LT	1	-	-
3	WEBSTER AVE NB, LT	-	1	-
19	WEBSTER AVE NB, RT	-	1	-
7E	DAY ST, LT	-	1	1
7F	DAY ST, RT	-	-	1
TOTAL		8	5	2

MANHOLE STORM SEWER

CATEGORY	PIPES FROM	TO	LOCATION	SPV.0090.09 MINI-STORM 6-INCH LF	SPV.0090.10 MINI-STORM 8-INCH LF
0020	21A	EX	HARVEY ST	10	-
0020	25A	EX	DAY ST	10	-
0020	25C	EX	DAY ST	10	-
0020	26A	EX	DAY ST	-	10
TOTALS				30	10

PIPE BED AGGREGATE

LOCATION	645.0130 GEOTEXTILE TYPE	SPV.0195.02 1.5-INCH STONE CRADLE STORM SEWER TON	SPV.0195.03 3-INCH STONE CRADLE STORM SEWER TON	SPV.0195.04 SEWER STABILIZATION AGGREGATE TON
UNDISTRIBUTED	SY	100	100	100
TOTAL		100	100	100

ALL ITEMS ARE CATEGORY 0010 UNLESS OTHERWISE STATED

PROJECT NUMBER: 4987-02-65

HWY: WEBSTER AVE

COUNTY: BROWN

MISCELLANEOUS QUANTITIES

SHEET 128

E

Addendum No. 01
ID 4987-02-65
Revised Sheet 131
March 5, 2019

STORM SEWER TAP (CONTINUED)

FROM	TO	LOCATION	SPV.0060.16 24X10-INCH EACH	SPV.0060.17 24X12-INCH EACH	SPV.0060.18 36X12-INCH EACH	SPV.0060.19 42X12-INCH EACH	SPV.0060.20 54X12-INCH EACH	SPV.0060.21 (19X30)X10-INCH EACH	SPV.0060.22 (19X30)X12-INCH EACH	SPV.0060.23 (24X38)X12-INCH EACH	SPV.0060.24 (34X53)X12-INCH EACH	SPV.0060.36 INLET EACH
44A	44C	WEBSTER AVE	-	-	-	-	-	-	-	1	-	-
44B	44C	WEBSTER AVE	-	-	-	-	-	-	-	1	-	-
45	45A	WEBSTER AVE	-	-	-	-	-	-	-	1	-	-
47B	47C	WEBSTER AVE	-	-	-	-	-	-	-	1	-	-
49	49A	WEBSTER AVE	-	-	-	-	-	-	-	1	-	-
50	50C	WEBSTER AVE	-	-	1	-	-	-	-	-	-	-
50A	50D	WEBSTER AVE	-	-	1	-	-	-	-	-	-	-
52	52A	WEBSTER AVE	-	-	-	1	-	-	-	-	-	-
7E	7G	SMITH ST	-	-	-	-	-	-	-	-	-	1
7E	7D	SMITH ST	-	-	-	-	-	-	-	-	-	1
TOTALS			1	5	2	4	3	1	13	11	10	2

INSULATION BOARD POLYSTYRENE

LOCATION	612.0902.S 2-INCH SY	COMMENT
UNDISTRIBUTED	100	WATER MAIN CROSSINGS
TOTAL	100	

DUST CONTROL SURFACE TREATMENT

LOCATION	623.0200 S.Y.
UNDISTRIBUTED	50,000
TOTAL	50,000

CONCRETE MEDIAN SLOPED NOSE

STATION	LOCATION	620.0300 SF
11+38	WEBSTER AVE NB, LT	25
14+95	WEBSTER AVE NB, LT	25
16+00	WEBSTER AVE NB, LT	25
19+40	WEBSTER AVE NB, LT	32
20+05	WEBSTER AVE NB, LT	32
23+35	WEBSTER AVE NB, LT	32
23+96	WEBSTER AVE NB, LT	32
27+25	WEBSTER AVE NB, LT	32
27+88	WEBSTER AVE NB, LT	32
35+65	WEBSTER AVE NB, LT	32
36+30	WEBSTER AVE NB, LT	32
39+55	WEBSTER AVE NB, LT	32
40+20	WEBSTER AVE NB, LT	32
43+45	WEBSTER AVE NB, LT	32
44+10	WEBSTER AVE NB, LT	32
54+20	WEBSTER AVE NB, LT	38
8+94	UNIVERSITY AVE EB, LT	15
9+33	UNIVERSITY AVE EB, LT	15
1059	UNIVERSITY AVE EB, LT	15
TOTALS		542

PEDESTRIAN ACCOMMODATIONS

LOCATION	644.1410.S TEMPORARY PEDESTRIAN SURFACE ASPHALT	644.1601.S TEMPORARY CURB RAMP	644.1601.S TEMPORARY CROSSWALK ACCESS	COMMENTS
STAGE 1A & B DAY STREET	-	-	110	
STAGE 1B	-	-	110	
STAGE 2 DAY STREET	4,500	-	-	FOR CONNECTING EXISTING SIDEWALK TO NEW TRAIL
STAGE 2 KLAUS STREET	-	-	20	
UNDISTRIBUTED	-	16	-	AS NEEDED FOR SIDEROAD CROSSINGS
TOTALS	4,500	16	260	

ALL ITEMS ARE CATEGORY 0010 UNLESS OTHERWISE STATED

ID 4987-02-65

Revised Sheet 133

March 5, 2019

INLET PROTECTION					INLET PROTECTION (CONTINUED)					INLET PROTECTION (CONTINUED)					EROSION NATURAL URBAN CLASS TYPE A				
STR. NO.	628.7005 TYPE A EACH	628.7010 TYPE B EACH	628.7015 TYPE C EACH	628.7020 TYPE D EACH	STR. NO.	628.7005 TYPE A EACH	628.7010 TYPE B EACH	628.7015 TYPE C EACH	628.7020 TYPE D EACH	STR. NO.	628.7005 TYPE A EACH	628.7010 TYPE B EACH	628.7015 TYPE C EACH	628.7020 TYPE D EACH	STATION	TO	STATION	LOCATION	628.2006 SY
1A	1	-	1	-	25D	1	-	1	-	10+13.86	-	15+50	WEBSTER AVE NB	138					
1B	1	-	1	-	26A	1	-	1	-	15+50	-	19+73	WEBSTER AVE NB	727					
1C	1	-	1	-	26B	1	-	1	-	19+73	-	23+67	WEBSTER AVE NB	1,378					
1F	1	-	1	-	27	1	1	1	-	23+67	-	27+56	WEBSTER AVE NB	1,023					
2A	1	-	-	1	27A	1	-	1	-	27+56	-	31+42	WEBSTER AVE NB	1,023					
2B	1	-	-	1	27B	1	-	1	-	31+42	-	32+19	WEBSTER AVE NB	101					
2C	1	-	-	1	28	1	1	-	-	32+19	-	35+97	WEBSTER AVE NB	1,543					
2D	1	-	-	1	29	1	1	-	-	35+97	-	39+87	WEBSTER AVE NB	1,416					
3A	1	1	-	-	30	1	1	-	-	39+87	-	43+77	WEBSTER AVE NB	1,112					
4A	1	-	1	-	30A	1	-	-	1	43+77	-	54+75	WEBSTER AVE NB	2,205					
4B	1	-	1	-	30B	1	-	-	1	9+10	-	9+51	DAY ST	11					
4C	1	-	1	-	30C	1	-	-	1	9+15	-	9+51	SMITH ST	22					
4E	1	-	1	-	31	1	1	-	-	8+75	-	9+51	EASTMAN AVE EB	80					
5	1	1	-	-	31A	1	-	1	-	10+25	-	11+20	EASTMAN AVE EB	68					
5A	1	-	-	1	31B	1	-	1	-	8+85	-	9+51	EASTMAN AVE WB	53					
5B	1	-	-	1	32	1	1	-	-	10+25	-	11+00	EASTMAN AVE WB	58					
5C	1	-	-	1	33	1	1	-	-	9+00	-	9+51	REBER ST	22					
6A	1	-	1	-	34	1	1	-	-	8+95	-	9+46	BERNER ST	24					
7A	1	-	1	-	35	1	1	-	-	8+90	-	9+51	KLAUS ST	21					
7B	1	-	1	-	36	1	1	-	-	10+65	-	11+14	VANDERBAAK ST	275					
7C	1	-	1	-	36A	1	-	-	1	420+00	-	440+91	UNDISTRIBUTED	2260					
7D	1	-	1	-	36B	1	-	-	1	TOTALS									13,560
7G	1	-	-	1	37	1	1	-	-										
10A	1	-	1	-	37A	1	-	1	-										
10B	1	-	1	-	37B	1	-	1	-										
10C	1	1	-	-	38	1	1	-	-										
10D	1	-	1	-	39	1	1	-	-										
11A	1	-	1	-	40	1	1	-	-										
11B	1	-	1	-	40A	1	-	1	-										
11C	1	-	1	-	40B	1	-	1	-										
11D	1	-	1	-	41	1	1	-	-										
12A	1	-	1	-	42	1	1	-	-										
12B	1	-	1	-	42A	1	-	1	-										
15	1	1	1	-	42B	1	-	1	-										
17A	1	-	1	-	43A	1	-	1	-										
21A	1	-	1	-	43B	1	-	1	-										
21B	1	-	1	-	44	1	1	-	-										
21C	1	-	1	-	44A	1	-	1	-										
22	1	1	-	-	44B	1	-	1	-										
22B	1	-	1	-	45	1	1	-	-										
23	1	1	-	-	46	1	1	-	-										
24	1	1	-	-	47A	1	-	-	1										
25A	1	-	1	-	47B	1	-	-	1										
25B	1	-	-	1	48A	1	-	1	-										
25C	1	-	1	-	49	1	1	-	-										

ALL ITEMS ARE CATEGORY 0010 UNLESS OTHERWISE STATED

PROJECT NUMBER: 4987-02-65

HWY: WEBSTER AVE

COUNTY: BROWN

MISCELLANEOUS QUANTITIES

SHEET 133

ALL ITEMS ARE CATEGORY 0010 UNLESS OTHERWISE STATED

PROJECT NUMBER: 4987-02-65

HWY: WEBSTER AVE

COUNTY: BROWN

MISCELLANEOUS QUANTITIES

SHEET

133

E

 Addendum No. 01
 ID 4987-02-65
 Revised Sheet 133
 March 5, 2019

Addendum No. 01
ID 4987-02-65
Revised Sheet 137
March 5, 2019

TRAFFIC CONTROL SUMMARY

LOCATION		643.0300		643.0420 *		643.0705 *		643.0715		643.0800		643.0900 *		643.1000 *		643.1050 *		COMMENTS
		APPROXIMATE SERVICE DAYS	NO. IN SERVICE	DRUMS	BARICADES TYPE III	NO. IN SERVICE	WARNING LIGHTS TYPE A	NO. IN SERVICE	WARNING LIGHTS TYPE C	NO. IN SERVICE	ARROW BOARD	NO. IN SERVICE	NO. IN SERVICE	NO. IN SERVICE	NO. IN SERVICE	NO. IN SERVICE	NO. IN SERVICE	
STAGE 1A & B																		
WEBSTER AVE/CECDAR ST		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	SEE PLANS, NOTE #6
WEBSTER AVE/UNIVERSITY AVE		7	-	-	-	-	-	-	-	-	-	-	-	-	2	14	-	BEFORE LANE AND/OR ROADWAY CLOSURE
WEBSTER AVE - UNIVERSITY AVE - RADISSON ST		14	100	1,400	10	140	20	280	20	280	2	28	20	280	-	-	-	LANE CLOSURES, NOTE #1 & #3
WEBSTER AVE/UNIVERSITY AVE		111	20	2,220	7	777	14	1,554	6	666	-	-	12	1,332	-	-	-	SEE PLANS, NOTE #2
WEBSTER AVE - UNIVERSITY AVE - EASTMAN AVE (SIDEROADS)		111	-	-	12	1,332	24	2,664	-	-	-	-	18	1,998	-	-	-	NOTE #5
WEBSTER AVE - UNIVERSITY AVE - EASTMAN AVE (ALLEYS)		111	-	-	14	1,554	28	3,108	-	-	-	-	7	777	-	-	-	NOTE #4
WEBSTER AVE/EASTBOUND EASTMAN AVE		111	-	-	5	555	10	1,110	-	-	-	-	1	111	-	-	-	NOTE #2
WEBSTER AVE - UNIVERSITY AVE - EASTMAN AVE (LOCAL ACCESS)		111	50	5,550	-	-	-	-	-	-	-	-	-	-	-	-	-	TO MAINTAIN ACCESS TO DRIVEWAYS
RAILROAD CROSSING		111	-	-	10	1,110	20	2,220	-	-	-	-	2	222	-	-	-	NOTE #2
WEBSTER AVE/WESTBOUND EASTMAN AVE		111	-	-	10	1,110	20	2,220	-	-	-	-	2	222	-	-	-	NOTE #2
WEBSTER AVE - EASTMAN AVE - RADISSON ST (SIDEROADS)		111	-	-	14	1,554	28	3,108	-	-	-	-	21	2,331	-	-	-	NOTE #5
WEBSTER AVE - EASTMAN AVE - RADISSON ST (ALLEYS)		111	-	-	10	1,110	20	2,220	-	-	-	-	5	555	-	-	-	NOTE #4
WEBSTER AVE - UNIVERSITY AVE - RADISSON ST (LOCAL ACCESS)		111	50	5,550	-	-	-	-	-	-	-	-	-	-	-	-	-	TO MAINTAIN ACCESS TO DRIVEWAYS
WEBSTER AVE/RADISSON ST		111	35	3,885	10	1,110	8	888	21	2,331	-	-	15	1,665	-	-	-	SEE PLANS, NOTE #2
WEBSTER AVE/RADISSON ST		7	-	-	-	-	-	-	-	-	-	-	-	-	2	14	-	BEFORE LANE AND/OR ROADWAY CLOSURE
WEBSTER AVE/H 43 EXIT RAMP		-	-	-	-	-	-	-	-	-	-	-	-	-	42	-	-	NOTE #7, BOTH SIDES OF ROADWAY
RADISSON ST INTERSECTION (UNDISTRIBUTED)		10	50	500	10	100	20	200	20	200	-	-	10	100	-	-	-	INTERSECTION PAVEMENT PATCH
STAGE 1 SUBTOTALS																		
				19,105		10,452		19,572		3,477		28		9,593		63		28
STAGE 2A																		
WEBSTER AVE/EASTMAN ST		-	-	-	-	-	-	-	-	-	-	-	-	-	21	-	-	SEE PLANS, NOTE #6
WEBSTER AVE/EASTMAN ST		7	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	BEFORE LANE CLOSURE
WEBSTER AVE/CECDAR ST		26	-	-	5	130	10	260	20	520	2	52	8	208	-	-	2	NOTE #2
WEBSTER AVE/UNIVERSITY AVE (UNIVERSITY AVE SINGLE LANE CLOSURE)		26	50	1,300	2	52	4	104	-	-	-	-	6	156	-	-	-	NOTE #1
WEBSTER AVE/UNIVERSITY AVE (WEBSTER AVE CLOSURE)		26	-	-	11	286	22	572	-	-	-	-	2	52	-	-	-	NOTE #2
WEBSTER AVE - UNIVERSITY AVE - EASTMAN AVE (SIDEROADS)		26	-	-	12	720	24	1,440	-	-	-	-	18	1,080	-	-	-	NOTE #5
WEBSTER AVE - UNIVERSITY AVE - EASTMAN AVE (ALLEYS)		26	-	-	14	364	28	728	-	-	-	-	7	182	-	-	-	NOTE #4
WEBSTER AVE - UNIVERSITY AVE - EASTMAN AVE (LOCAL ACCESS)		26	50	1,300	-	-	-	-	-	-	-	-	-	-	-	-	-	TO MAINTAIN ACCESS TO DRIVEWAYS
RAILROAD CROSSING/EASTMAN AVE		26	-	-	22	572	20	520	-	-	-	-	2	52	-	-	-	NOTE #2
EASTMAN AVE/VAN BUREN ST		26	-	-	2	52	4	104	-	-	-	-	3	78	-	-	-	NOTE #5
EASTMAN AVE/CLAY ST		26	-	-	2	52	4	104	-	-	-	-	3	78	-	-	-	NOTE #5
WEBSTER AVE - EASTMAN AVE - RADISSON ST (SIDEROADS)		26	-	-	14	364	28	728	-	-	-	-	5	546	-	-	-	NOTE #4
WEBSTER AVE - EASTMAN AVE - RADISSON ST (ALLEYS)		26	-	-	10	260	20	520	-	-	-	-	5	130	-	-	-	NOTE #4
WEBSTER AVE - UNIVERSITY AVE - RADISSON ST (LOCAL ACCESS)		26	50	1,300	-	-	-	-	-	-	-	-	-	-	-	-	-	TO MAINTAIN ACCESS TO DRIVEWAYS
WEBSTER AVE/RADISSON ST		26	35	910	10	260	8	208	21	546	-	-	15	390	-	-	-	SEE PLANS, NOTE #2
STAGE 2A SUBTOTALS																		
				4,810		3,112		5,288		1,066		52		2,952		21		14

* QUANTITIES SHOWN ELSEWHERE

NOTES:

1. TRAFFIC CONTROL, SINGLE LANE CLOSURE, NON-FREEWAY/EXPRESSWAY
2. BARRICADES AND SIGNS FOR MAINLINE CLOSURES - DETAIL D
3. TRAFFIC CONTROL, INTERSECTION WITH SIGN LANE CLOSURE, DETAIL A OR DETAIL B
4. BARRICADES AND SIGNS FOR SIDEROAD CLOSURES - DETAIL 1
5. BARRICADES AND SIGNS FOR SIDEROAD CLOSURES - DETAIL 4 / TEMPORARY STOP SIGN
6. FIXED MESSAGE SIGN WEBSTER AVE CLOSED AT UNIVERSITY AVE FOLLOW DETOUR
7. FIXED MESSAGE SIGN WEBSTER AVE CLOSED FOLLOW DETOUR

ALL ITEMS ARE CATEGORY .0010 UNLESS OTHERWISE STATED

PROJECT NUMBER: 4987-02-65

HWY: WEBSTER AVE

COUNTY: BROWN

MISCELLANEOUS QUANTITIES

SHEET

137

E

TRAFFIC CONTROL SUMMARY (CONTINUED)

LOCATION	APPROXIMATE SERVICE DAYS	643.0300		643.0420 *		643.0705 *		643.0715		643.0800		643.0900 *		643.1000 *		643.1050 *		COMMENTS
		NO. IN SERVICE	DAYS	BARCODES TYPE III	NO. IN SERVICE	WARNING LIGHTS TYPE A	NO. IN SERVICE	WARNING LIGHTS TYPE C	NO. IN SERVICE	ARROW BOARD	NO. IN SERVICE	NO. IN SERVICE	NO. IN SERVICE	NO. IN SERVICE	NO. IN SERVICE	NO. IN SERVICE	NO. IN SERVICE	
STAGE 2B																		
WEBSTER AVE/UNIVERSITY AVE	7	-	-	-	-	-	-	-	-	-	-	-	-	-	2	14		BEFORE ROADWAY CLOSURE
WEBSTER AVE/UNIVERSITY AVE	14	-	-	12	168	24	336	-	-	-	-	8	112	-	-	-	-	NOTE #2
WEBSTER AVE - EASTMAN AVE (SIDEROADS)	14	-	-	12	720	24	1,440	-	-	-	-	18	1,080	-	-	-	-	NOTE #5
WEBSTER AVE - UNIVERSITY AVE - EASTMAN AVE (ALLEYS)	14	-	-	14	196	28	392	-	-	-	-	7	98	-	-	-	-	NOTE #4
WEBSTER AVE - UNIVERSITY AVE - EASTMAN AVE (LOCAL ACCESS)	14	50	700	-	-	-	-	-	-	-	-	-	-	-	-	-	-	TO MAINTAIN ACCESS TO DRIVEWAYS
RAILROAD CROSSING/EASTMAN AVE																		
EASTMAN AVE/VAN BUREN ST	14	-	-	22	308	20	280	-	-	-	-	2	28	-	-	-	-	NOTE #2
EASTMAN AVE/CLAY ST	14	-	-	2	28	4	56	-	-	-	-	3	42	-	-	-	-	NOTE #5
WEBSTER AVE - EASTMAN AVE - RADISSON ST (SIDEROADS)	14	-	-	2	28	4	56	-	-	-	-	3	42	-	-	-	-	NOTE #5
WEBSTER AVE - EASTMAN AVE - RADISSON ST (ALLEYS)	14	-	-	14	196	28	392	-	-	-	-	21	294	-	-	-	-	NOTE #5
WEBSTER AVE - UNIVERSITY AVE - RADISSON ST (LOCAL ACCESS)	14	-	-	10	140	20	280	-	-	-	-	5	70	-	-	-	-	NOTE #5
WEBSTER AVE - UNIVERSITY AVE - RADISSON ST (LOCAL ACCESS)	14	50	700	-	-	-	-	-	-	-	-	-	-	-	-	-	-	TO MAINTAIN ACCESS TO DRIVEWAYS
WEBSTER AVE/RADISSON ST	14	35	490	10	140	8	112	21	294	-	-	15	210	-	-	-	-	SEE PLANS, NOTE #2
STAGE 2 SUBTOTALS			1,890		1,924		3,344		294	-	0		1,976	0		14		

TOTALS

* QUANTITIES SHOWN ELSEWHERE

NOTES:

1. TRAFFIC CONTROL - SINGLE LANE CLOSURE - NON-FREEWAY/EXPRESSWAY
2. BARRICADES AND SIGNS FOR MAINLINE CLOSURES - DETAIL D
3. TRAFFIC CONTROL, INTERSECTION WITH SIGN LANE CLOSURE, DETAIL A OR DETAIL B
4. BARRICADES AND SIGNS FOR SIDEROAD CLOSURES - DETAIL 1
5. BARRICADES AND SIGNS FOR SIDEROAD CLOSURES - DETAIL 4 / TEMPORARY STOP SIGN
6. FIXED MESSAGE SIGN WEBSTER AVE CLOSED AT UNIVERSITY AVE FOLLOW DETOUR
7. FIXED MESSAGE SIGN WEBSTER AVE CLOSED FOLLOW DETOUR

Addendum No. 01
ID 4987-02-65
Added Sheet 137A
March 5, 2019

ALL ITEMS ARE CATEGORY 0010 UNLESS OTHERWISE STATED

PROJECT NUMBER: 4987-02-65

HWY: WEBSTER AVE

COUNTY: BROWN

MISCELLANEOUS QUANTITIES

SHEET

137A

E

PEDESTRIAN SIGNING SUMMARY

LOCATION	APPROXIMATE SERVICE DAYS	643.0410 BARRICADES TYPE II		643.0900 ★ SIGNS		NO. IN SERVICE	DAYS	COMMENTS
		NO. IN SERVICE	NO. IN SERVICE	NO. IN SERVICE	NO. IN SERVICE			
STAGE 1A	100	58	5800	58	5800			SEE CONSTRUCTION DETAILS AND STANDARD DETAIL DRAWING "PEDESTRIAN ACCOMMODATIONS"
STAGE 1B	20	53	1060	53	1060			SEE CONSTRUCTION DETAILS AND STANDARD DETAIL DRAWING "PEDESTRIAN ACCOMMODATIONS"
STAGE 2 (RAILROAD CLOSURE)	35	25	875	54	1890			SEE CONSTRUCTION DETAILS AND STANDARD DETAIL DRAWING "PEDESTRIAN ACCOMMODATIONS"
STAGE 3 (WEBSTER CLOSURE)	40	16	640	16	640			SEE CONSTRUCTION DETAILS AND STANDARD DETAIL DRAWING "PEDESTRIAN ACCOMMODATIONS"
STAGE 3 (UNIVERSITY CLOSURE)	14	12	168	12	168			SEE CONSTRUCTION DETAILS AND STANDARD DETAIL DRAWING "PEDESTRIAN ACCOMMODATIONS"
TOTALS			8,543		9,558			

★ QUANTITIES SHOWN ELSEWHERE

MARKING

STATION	TO	STATION	LOCATION	646.1020 EPOXY YELLOW 4-INCH LF	646.3020 EPOXY WHITE LF	646.5020 EPOXY WHITE LF	646.5120 EPOXY WHITE LF	646.5220 EPOXY WHITE LF	646.5320 EPOXY WHITE LF	646.6120 EPOXY WHITE LF	646.7120 EPOXY WHITE LF	646.7220 EPOXY WHITE LF	646.8120 EPOXY WHITE LF	646.8220 EPOXY WHITE LF
10+13.86	-	15+50	WEBSTER AVE NB	424	225	250	-	-	-	50	12	-	184	20
15+50	-	19+73	WEBSTER AVE NB	-	776	175	6	4	-	63	-	165	186	20
19+73	-	23+67	WEBSTER AVE NB	-	778	-	-	4	-	-	-	335	-	20
23+67	-	27+56	WEBSTER AVE NB	-	764	-	-	4	-	-	-	342	-	20
27+56	-	31+42	WEBSTER AVE NB	-	764	-	-	4	2	-	-	303	-	10
31+42	-	32+19	WEBSTER AVE NB	-	118	-	-	4	-	55	-	-	-	-
32+19	-	35+97	WEBSTER AVE NB	-	752	-	-	4	2	-	-	280	-	10
35+97	-	39+87	WEBSTER AVE NB	-	764	-	-	4	-	-	-	340	-	20
39+87	-	43+78	WEBSTER AVE NB	-	764	-	-	4	-	-	-	342	-	20
43+78	-	54+75	WEBSTER AVE NB	-	2,495	-	2	9	-	33	-	385	-	20
8+92.5	-	9+58	UNIVERSITY AVE, EB	84	25	43	1	-	-	33	-	-	136	2
10+30	-	10+83	UNIVERSITY AVE, EB	52	25	27	1	-	-	36	-	-	149	1
9+00	-	9+51	HARVEY ST	-	-	-	-	-	-	-	-	62	-	-
10+25	-	10+75	HARVEY ST	-	-	-	-	-	-	-	-	65	-	-
9+10	-	9+51	DAY ST	-	-	-	-	-	-	-	-	74	-	-
10+25	-	10+75	DAY ST	-	-	-	-	-	-	-	-	64	-	-
9+15	-	9+51	SMITH ST	-	-	-	-	-	-	-	-	73	-	-
10+25	-	10+53	SMITH ST	-	-	-	-	-	-	-	-	66	-	-
8+75	-	9+51	EASTMAN AVE EB	-	-	-	-	-	-	-	-	49	-	-
10+25	-	11+20	EASTMAN AVE EB	-	-	-	-	-	-	-	-	46	-	-
8+85	-	9+51	EASTMAN AVE WB	-	-	-	-	-	-	-	-	51	-	-
10+25	-	11+00	EASTMAN AVE WB	-	-	-	-	-	-	-	-	42	-	-
9+00	-	9+51	REBER ST	-	-	-	-	-	-	-	-	75	-	-
10+25	-	10+85	REBER ST	-	-	-	-	-	-	-	-	70	-	-
8+95	-	9+51	BERNER ST	-	-	-	-	-	-	-	-	76	-	-
10+25	-	10+85	BERNER ST	-	-	-	-	-	-	-	-	70	-	-
8+90	-	9+51	KLAUS ST	-	-	-	-	-	-	-	-	88	-	-
10+25	-	10+85	KLAUS ST	-	-	-	-	-	-	-	-	70	-	-
STAGING REPLACEMENT				-	100	-	-	-	-	-	-	-	-	-
TOTALS				8,910	495	10	1	41	4	270	12	3,533	655	160
TOTALS														19

PROJECT NUMBER: 4987-02-65

HWY: WEBSTER AVE

COUNTY: BROWN

MISCELLANEOUS QUANTITIES

SHEET

138

E

ALL ITEMS ARE CATEGORY 0010 UNLESS OTHERWISE STATED

Addendum No. 01
ID 4987-02-65
Revised Sheet 138
March 5, 2019

GEOTEXTILE AND GEOTEXTILE

STATION	TO	STATION	LOCATION	645.0140 GEOTEXTILE TYPE SAS SY	645.0220 GEOTEXTILE TYPE SR SY
17+50	-	19+35	WEBSTER AVE NB	-	1,500
28+00	-	31+59	WEBSTER AVE NB	-	2,810
32+19	-	35+97	WEBSTER AVE NB	-	2,950
35+97	-	39+87	WEBSTER AVE NB	-	2,715
UNDISTRIBUTED				-	1,025
UNDISTRIBUTED EBS AREAS				2,500	1,000
TOTALS				2,500	12,000

TEMPORARY MARKING REMOVABLE TAPE 4-INCH

LOCATION	649.0150 LF
STAGE 1	600
TOTALS	600

MARKING REMOVAL LINE

LOCATION	646.9010 WATER BLASTING 4-INCH LF
TRAFFIC CONTROL STAGE 1	150
TOTALS	150

CONSTRUCTION STAKING														SAWING PAYMENT											
STATION	TO	STATION	LOCATION	STORM SEWER SYSTEM EACH	650.4000	650.4500	650.5000	650.5500	650.6000	650.6500	650.7000	ELECTRICAL INSTALLATIONS	SUPPLEMENTAL CONTROL	650.9910	SLOPE	STAKES	LF	STATION	TO	STATION	LOCATION	SAWING ASPHALT	690.0150	SAWING CONCRETE	690.0250
10+13.86	-	15+50	WEBSTER AVE NB	-	-	536	-	-	-	536	536	1	1	-	536	536	536	15+50	-	15+50	WEBSTER AVE NB	64	64	18	18
10+13.86	-	15+50	WEBSTER AVE SB	-	-	536	-	-	-	536	536	-	-	-	536	536	536	15+50	-	19+73	WEBSTER AVE NB	51	51	10	10
15+50	-	19+73	WEBSTER AVE NB	3	3	423	-	-	-	423	423	-	-	-	423	423	423	19+73	-	23+67	WEBSTER AVE NB	50	50	68	68
15+50	-	19+73	WEBSTER AVE SB	2	2	423	-	-	-	423	423	-	-	-	423	423	423	19+73	-	27+56	WEBSTER AVE NB	22	22	20	20
19+73	-	23+67	WEBSTER AVE NB	7	7	394	-	-	-	394	394	-	-	-	394	394	394	23+67	-	31+42	WEBSTER AVE NB	45	45	26	26
19+73	-	23+67	WEBSTER AVE SB	3	3	394	-	-	-	394	394	-	-	-	394	394	394	23+67	-	35+97	WEBSTER AVE NB	23	23	32	32
23+67	-	27+56	WEBSTER AVE NB	8	8	389	-	-	-	389	389	-	-	-	389	389	389	27+56	-	39+87	WEBSTER AVE NB	23	23	20	20
23+67	-	27+56	WEBSTER AVE SB	5	5	389	-	-	-	389	389	-	-	-	389	389	389	27+56	-	43+78	WEBSTER AVE NB	40	40	20	20
27+56	-	31+42	WEBSTER AVE NB	6	6	386	-	-	-	386	386	-	-	-	386	386	386	31+42	-	54+75	WEBSTER AVE NB	30	30	274	274
27+56	-	31+42	WEBSTER AVE SB	4	4	386	-	-	-	386	386	-	-	-	386	386	386	31+42	-	9+58	UNIVERSITY AVE EB	-	-	71	71
31+42	-	32+19	WEBSTER AVE NB	-	-	67	50	91	-	67	17	-	-	-	67	67	67	32+19	-	10+83	UNIVERSITY AVE EB	-	-	80	80
31+42	-	32+19	WEBSTER AVE SB	-	-	67	50	56	-	67	17	-	-	-	67	67	67	32+19	-	9+51	HARVEY ST	27	27	26	26
32+19	-	35+97	WEBSTER AVE NB	3	3	378	-	-	-	378	378	-	-	-	378	378	378	35+97	-	10+75	HARVEY ST	27	27	46	46
32+19	-	35+97	WEBSTER AVE SB	2	2	378	-	-	-	378	378	-	-	-	378	378	378	35+97	-	10+75	DAY ST	-	-	46	46
35+97	-	39+87	WEBSTER AVE NB	6	6	390	-	-	-	390	390	-	-	-	390	390	390	39+87	-	10+75	DAY ST	28	28	14	14
35+97	-	39+87	WEBSTER AVE SB	3	3	390	-	-	-	390	390	-	-	-	390	390	390	39+87	-	9+51	SMITH ST	-	-	46	46
39+87	-	43+78	WEBSTER AVE NB	1	1	390	-	-	-	390	390	-	-	-	390	390	390	43+78	-	10+53	SMITH ST	31	31	14	14
43+78	-	43+78	WEBSTER AVE SB	4	4	390	-	-	-	390	390	-	-	-	390	390	390	43+78	-	9+51	EASTMAN AVE EB	21	21	9	9
43+78	-	54+75	WEBSTER AVE NB	14	14	1,097	-	-	-	1,097	1,097	-	-	-	1,097	1,097	1,097	54+75	-	11+20	EASTMAN AVE EB	21	21	9	9
43+78	-	54+65	WEBSTER AVE SB	7	7	1,087	-	-	-	1,087	1,087	-	-	-	1,087	1,087	1,087	54+65	-	9+51	EASTMAN AVE WB	21	21	4	4
8+92.5	-	9+58	UNIVERSITY AVE EB	-	-	66	-	-	-	66	66	-	-	-	66	66	66	9+58	-	11+00	EASTMAN AVE WB	19	19	9	9
8+92.5	-	9+58	UNIVERSITY AVE NB	-	-	66	-	-	-	66	66	-	-	-	66	66	66	9+58	-	9+51	REBER ST	31	31	14	14
10+30	-	10+83	UNIVERSITY AVE EB	-	-	53	-	-	-	53	53	-	-	-	53	53	53	10+30	-	10+85	REBER ST	31	31	14	14
10+30	-	10+83	UNIVERSITY AVE NB	-	-	53	-	-	-	53	53	-	-	-	53	53	53	10+30	-	9+51	BERNER ST	31	31	14	14
9+00	-	9+51	HARVEY ST	2	2	51	25	50	-	51	26	-	-	-	51	51	51	9+00	-	10+85	BERNER ST	-	-	45	45
10+25	-	10+75	HARVEY ST	3	3	50	23	46	-	50	27	-	-	-	50	50	50	10+25	-	11+00	KLAUS ST	-	-	52	52
9+10	-	9+51	DAY ST	3	3	41	41	0	-	41	-	-	-	-	41	41	41	9+10	-	10+85	KLAUS ST	31	31	14	14
10+25	-	10+75	DAY ST	3	3	50	23	46	-	50	27	-	-	-	50	50	50	10+25	-	11+14	VAN DERBRAAK ST	72	72	5	5
9+15	-	9+51	SMITH ST	2	2	36	0	0	-	36	36	-	-	-	36	36	36	9+15	-	10+85	VAN DERBRAAK ST	72	72	5	5
10+25	-	10+53	SMITH ST	-	-	28	9	18	-	28	19	-	-	-	28	28	28	10+25	-	10+85	BERNER ST	-	-	45	45
8+75	-	9+51	EASTMAN AVE EB	-	-	76	49	98	-	76	27	-	-	-	76	76	76	8+75	-	9+51	KLAUS ST	-	-	52	52
10+25	-	11+20	EASTMAN AVE EB	-	-	95	68	136	-	95	27	-	-	-	95	95	95	10+25	-	10+85	KLAUS ST	31	31	14	14
8+85	-	9+51	EASTMAN AVE WB	-	-	66	39	78	-	66	27	-	-	-	66	66	66	8+85	-	10+85	EASTMAN AVE WB	31	31	14	14
10+25	-	11+00	EASTMAN AVE WB	-	-	75	53	106	-	75	22	-	-	-	75	75	75	10+25	-	10+85	BERNER ST	-	-	45	45
9+00	-	9+51	REBER ST	2	2	51	25	50	-	51	26	-	-	-	51	51	51	9+00	-	10+85	BERNER ST	-	-	45	45
10+25	-	10+85	REBER ST	2	2	60	33	66	-	60	27	-	-	-	60	60	60	10+25	-	10+85	REBER ST	19	19	9	9
8+95	-	9+51	BERNER ST	2	2	56	33	66	-	56	23	-	-	-	56	56	56	8+95	-	9+51	BERNER ST	31	31	14	14
10+25	-	10+85	BERNER ST	2	2	60	0	0	-	60	60	-	-	-	60	60	60	10+25	-	10+85	BERNER ST	31	31	14	14
8+90	-	9+51	KLAUS ST	2	2	61	0	0	-	61	61	-	-	-	61	61	61	8+90	-	9+51	KLAUS ST	31	31	14	14
10+25	-	10+85	KLAUS ST	3	3	60	42	84	-	60	18	-	-	-	60	60	60	10+25	-	10+85	KLAUS ST	-	-	45	45
10+55	-	11+14	VAN DERBRAAK ST	2	2	59	59	172	-	59	172	-	-	-	59	59	59	10+55	-	11+14	VAN DERBRAAK ST	-	-	45	45
TOTALS																		106	10,104	622	1,163	9,654	1	1	10,104

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TOTAL

Addendum No. 01
ID 4987-02-65
Revised Sheet 139
March 5, 2019

ALL ITEMS ARE CATEGORY 0010 UNLESS OTHERWISE STATED

PROJECT NUMBER: 4987-02-65

HWY: WEBSTER AVE

COUNTY: BROWN

MISCELLANEOUS QUANTITIES

SHEET 139

E

Addendum No. 01
ID 4987-02-65
Revised Sheet 140
March 5, 2019

GRADING AND SHAPING ALLEY TURNAROUND

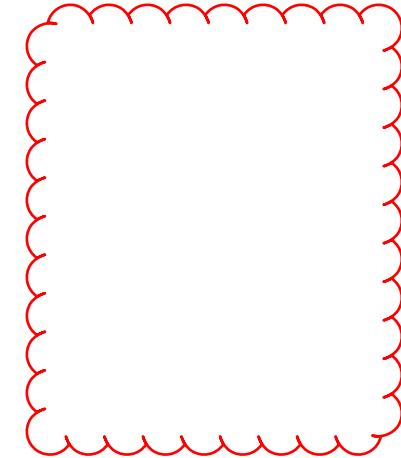
STATION	LOCATION	SPV.0105.01		SPV.0105.02		SPV.0105.03		SPV.0105.04		SPV.0105.05		SPV.0105.06		SPV.0105.07		QUANTITIES FOR INFORMATIONAL PURPOSE ONLY			
		STA	LS	STA	LS	STA	LS	STA	LS	STA	LS	STA	LS	STA	LS	FLL	CUT		
17+55	WEBSTER AVE, NB, RT		1	-	-	-	-	-	-	-	-	-	-	-	-	0	70		
21+61	WEBSTER AVE, NB, RT		-	1	-	-	-	-	-	-	-	-	-	-	-	0	70		
25+61	WEBSTER AVE, NB, RT		-	-	1	-	-	-	-	-	-	-	-	-	-	0	60		
29+52	WEBSTER AVE, NB, RT		-	-	-	-	1	-	-	-	-	-	-	-	-	0	80		
34+02	WEBSTER AVE, NB, RT		-	-	-	-	-	-	1	-	-	-	-	-	-	0	80		
37+92	WEBSTER AVE, NB, RT		-	-	-	-	-	-	-	-	-	1	-	-	-	0	65		
45+84	WEBSTER AVE, NB, RT		-	-	-	-	-	-	-	-	-	-	1	-	-	0	65		
TOTALS			1	1	1	1	1	1	1	1	1	1	1	1	1				

UTILITY LINE OPENINGS

STATION	LOCATION	SPV.0060.34
UNDISTRIBUTED	WEBSTER AVE	10
TOTAL		10

COLD PATCH

STATION	LOCATION	SPV.0195.01
UNDISTRIBUTED	WEBSTER AVE	10
TOTAL		10



TEST ROLLING

STATION	TO	STATION	LOCATION	SPV.0170.01
10+13.86	-	54+75	WEBSTER AVE, NB	45
10+13.86	-	54+75	WEBSTER AVE, SB	45
TOTAL				90

STORM SEWER MANHOLE #3 CAST IN PLACE CONCRETE

STATION	LOCATION	SPV.0105.11
17+34	WEBSTER AVE	1
TOTAL		1

ROTATE SANITARY MANHOLE CONE

CATEGORY	STATION	LOCATION	SPV.0060.35	COMMENTS
0020	16+90	WEBSTER AVE	1	ROTATE CONE TO BE IN LINE WITH SANITARY MAINLINE
TOTAL			1	

ADJUSTING WATER AND SANITARY

CATEGORY	STATION	TO	STATION	LOCATION	SPV.0060.29	SPV.0060.32	SPV.0060.33
0020	10+13.86	-	15+50	WEBSTER AVE, NB	SANITARY MANHOLE COVER EACH	WATER VALVE BOXES EACH	WATER CURB BOXES EACH
	15+50	-	19+73	WEBSTER AVE, NB	5	5	2
	19+73	-	23+67	WEBSTER AVE, NB	4	3	1
	23+67	-	27+56	WEBSTER AVE, NB	3	3	3
	27+56	-	31+42	WEBSTER AVE, NB	2	4	4
	31+42	-	32+19	WEBSTER AVE, NB	2	4	3
	32+19	-	35+97	WEBSTER AVE, NB	1	1	-
	35+97	-	39+87	WEBSTER AVE, NB	2	2	5
	39+87	-	43+78	WEBSTER AVE, NB	1	3	4
	43+78	-	54+75	WEBSTER AVE, NB	2	2	-
	54+75	-			1	2	-
TOTALS					23	29	22

ALL ITEMS ARE CATEGORY 0010 UNLESS OTHERWISE STATED

EARTHWORK - WEBSTER AVE

	AREA (SF)		Incremental Vol (CY) (Unadjusted)			Cumulative Vol (CY)			
STATION	Cut	Fill	Cut Note 1	Fill Note 2	Expanded Fill 1.30	Cut Note 1	Expanded Fill 1.30	Mass Ordinate Note 3	
10+50	101.58	4.31						0	
11+00	98.39	0.07	185	4	5	185	5	180	
11+50	126.72	1.81	208	2	8	394	8	386	
12+00	145.24	3.35	252	5	14	645	14	632	
12+50	162.38	2.82	285	6	21	930	21	909	
13+00	164.71	1.15	303	4	26	1,233	26	1,207	
13+50	196.62	0.06	335	1	27	1,568	27	1,540	
14+00	215.77	0.75	382	1	28	1,950	28	1,921	
14+50	233.35	1.43	416	2	31	2,365	31	2,334	
15+00	230.81	2.22	430	3	35	2,795	35	2,760	
15+50	294.17	0.00	486	2	38	3,281	38	3,243	
16+00	204.03	2.04	461	2	41	3,743	41	3,702	
16+50	200.22	0.00	374	2	43	4,117	43	4,074	
17+00	240.19	0.07	408	0	43	4,525	43	4,482	
17+50	224.65	0.35	430	0	44	4,955	44	4,911	
18+00	212.32	2.50	405	3	47	5,360	47	5,313	
18+50	187.07	6.44	370	8	58	5,729	58	5,672	
19+00	182.19	10.03	342	15	78	6,071	78	5,994	
19+50	214.87	0.00	368	9	90	6,439	90	6,349	
19+75	283.01	0.00	231	0	90	6,669	90	6,580	
20+00	239.73	0.00	242	0	90	6,912	90	6,822	
20+50	199.75	1.79	407	2	92	7,318	92	7,227	
21+00	191.09	0.36	362	2	94	7,680	94	7,586	
21+50	195.71	2.10	358	2	97	8,038	97	7,941	
22+00	232.11	2.00	396	4	102	8,435	102	8,332	
22+50	255.81	2.09	452	4	107	8,886	107	8,779	
23+00	238.72	1.26	458	3	111	9,344	111	9,233	
23+50	275.98	0.00	477	1	113	9,821	113	9,708	
23+67.35	282.85	0.00	180	0	113	10,000	113	9,888	
24+00	198.72	0.38	291	0	113	10,292	113	10,178	
24+50	219.66	0.30	387	1	114	10,679	114	10,565	
25+00	205.62	0.32	394	1	115	11,073	115	10,958	
25+50	176.48	0.73	354	1	116	11,427	116	11,311	
26+00	177.68	0.25	328	1	117	11,754	117	11,637	
26+50	209.32	0.00	358	0	117	12,113	117	11,995	
27+00	207.50	0.00	386	0	117	12,499	117	12,381	
27+50	225.78	0.14	401	0	118	12,900	118	12,782	
28+00	202.29	0.32	396	0	118	13,296	118	13,178	
28+50	220.18	0.02	391	0	119	13,687	119	13,569	
29+00	213.93	0.00	402	0	119	14,089	119	13,971	

Addendum No. 01
ID 4987-02-65
Revised Sheet 257
March 5, 2019

EARTHWORK - WEBSTER AVE (CONTINUED)

STATION	AREA (SF)		Incremental Vol (CY) (Unadjusted)		Cumulative Vol (CY)			Mass Ordinate
	Cut	Fill	Cut Note 1	Fill Note 2	Cut Note 1	Expanded Fill 1.30	Mass Ordinate Note 3	
29+50	191.92	0.93	376	1	14,465	120	14,345	
30+00	137.56	0.74	361	2	14,826	122	14,704	
30+50	165.93	4.34	337	5	15,162	128	15,035	
31+00	103.49	25.91	249	28	15,412	164	15,248	
31+50	124.29	16.99	211	40	15,623	216	15,407	
32+00	123.69	11.32	230	26	15,852	250	15,602	
32+25	117.92	21.61	112	15	15,964	270	15,694	
32+50	92.68	34.51	98	26	16,062	304	15,758	
33+00	141.45	10.34	217	42	16,278	358	15,921	
33+50	217.92	0.70	333	10	16,611	371	16,240	
34+00	225.38	0.64	410	1	17,022	372	16,649	
34+50	238.23	0.00	429	1	17,451	373	17,078	
35+00	262.88	0.00	464	0	17,915	373	17,542	
35+50	232.19	0.00	458	0	18,373	373	18,000	
36+00	302.81	0.00	495	0	18,869	373	18,496	
36+50	208.99	0.28	474	0	19,343	374	18,969	
37+00	219.63	0.55	397	1	19,739	375	19,365	
37+50	208.66	0.87	397	1	20,136	376	19,760	
38+00	224.18	2.68	401	3	20,537	381	20,156	
38+50	259.08	0.00	457	2	20,994	384	20,610	
39+00	300.66	0.00	528	0	21,521	384	21,137	
39+50	268.42	0.00	527	0	22,048	384	21,664	
40+00	320.30	0.00	545	0	22,593	384	22,209	
40+50	269.76	0.42	546	0	23,139	384	22,755	
41+00	259.42	0.69	490	1	23,629	386	23,244	
41+50	225.62	1.54	449	2	24,079	388	23,690	
42+00	218.63	3.95	411	5	24,490	395	24,095	
42+50	247.22	0.00	431	4	24,921	400	24,522	
43+00	255.66	0.14	466	0	25,387	400	24,987	
43+50	295.60	0.00	510	0	25,897	400	25,497	
43+75	344.41	0.00	296	0	26,194	400	25,794	
44+00	304.67	0.00	300	0	26,494	400	26,094	
44+50	275.10	0.00	537	0	27,031	400	26,631	
45+00	275.33	0.00	510	0	27,541	400	27,141	
45+50	213.82	3.40	453	3	27,994	404	27,589	
46+00	194.42	8.29	378	11	28,372	418	27,953	
46+50	190.25	5.92	356	13	28,728	435	28,292	
47+00	243.01	0.19	401	6	29,129	443	28,686	
47+50	281.84	0.32	486	0	29,615	443	29,172	
48+00	247.53	10.74	490	10	30,105	457	29,648	

Notes:
1 - Cut
2 - Fill
3 - Mass Ordinate

Cut includes existing asphalt and concrete pavement
Unexpanded
Cut - (Fill + Fill Factor)

EARTHWORK - WEBSTER AVE (CONTINUED)

STATION	AREA (SF)		Incremental Vol (CY)		Cumulative Vol (CY)		
	Cut	Fill	Cut	Fill	Cut	Expanded Fill	Mass Ordinate
			Note 1	Note 2	Note 1	1.30	Note 3
48+50	231.82	1.30	444	11	30,549	471	30,078
49+00	235.97	0.32	433	1	30,982	473	30,509
49+50	232.65	0.00	434	0	31,416	473	30,943
50+00	230.30	0.00	429	0	31,845	473	31,371
50+50	221.08	0.00	418	0	32,262	473	31,789
51+00	221.46	0.00	410	0	32,672	473	32,199
51+50	216.58	0.00	406	0	33,078	473	32,604
52+00	215.66	0.08	400	0	33,478	473	33,005
52+50	190.05	0.59	376	1	33,854	474	33,379
53+00	187.52	0.56	350	1	34,203	476	33,728
53+50	199.47	0.00	358	1	34,562	476	34,085
54+00	194.06	0.47	364	0	34,926	477	34,449
54+50	148.19	0.00	317	0	35,243	477	34,765
54+75	109.41	1.96	119	1	35,362	479	34,884

35,362 368

EARTHWORK - UNIVERSITY AVE

STATION	AREA (SF)		Incremental Vol (CY)		Cumulative Vol (CY)		
	Cut	Fill	Cut	Fill	Cut	Expanded Fill	Mass Ordinate
			Note 1	Note 2	Note 1	1.30	Note 3
8+92.5	136.11	0.02	0	0	0	0	0
9+00	136.93	0.01	38	0	38	0	38
9+31.77	155.73	0.81	172	0	210	1	209
10+60.55	159.08	0.42	0	0	210	1	209
10+83	150.21	0.05	129	0	339	1	338

339 1

EARTHWORK - HARVEY STREET

STATION	AREA (SF)		Incremental Vol (CY)		Cumulative Vol (CY)		
	Cut	Fill	Cut	Fill	Cut	Expanded Fill	Mass Ordinate
			Note 1	Note 2	Note 1	1.30	Note 3
09+00	48.63	0.55	0	0	0	0	0
9+23.59	51.65	1.82	44	1	44	1	42
10+52.28	61.84	1.20	0	0	44	1	42
10+57	63.70	0.88	11	0	55	2	53
10+75	50.51	0.00	38	0	93	2	91

93 2

EARTHWORK - DAY STREET

STATION	AREA (SF)		Incremental Vol (CY)		Cumulative Vol (CY)		
	Cut	Fill	Cut	Fill	Cut	Expanded Fill	Mass Ordinate
			Note 1	Note 2	Note 1	1.30	Note 3
9+10	51.95	0.22	0	0	0	0	0
9+23.92	59.34	0.66	29	0	29	0	28
10+52.2	53.42	0.08	268	2	297	3	294
10+75	50.69	0.02	44	0	341	3	338

341 2

EARTHWORK - SMITH STREET

STATION	AREA (SF)		Incremental Vol (CY)		Cumulative Vol (CY)		
	Cut	Fill	Cut	Fill	Cut	Expanded Fill	Mass Ordinate
			Note 1	Note 2	Note 1	1.30	Note 3
09+15	51.93	0.14	0	0	0	0	0
9+23.92	61.72	0.60	19	0	19	0	19

19 0

EARTHWORK - EASTMAN AVENUE (EASTBOUND)

STATION	AREA (SF)		Incremental Vol (CY)		Cumulative Vol (CY)		
	Cut	Fill	Cut	Fill	Cut	Expanded Fill	Mass Ordinate
			Note 1	Note 2	Note 1	1.30	Note 3
8+75	44.08	0.41	0	0	0	0	0
9+00	30.47	6.36	35	3	35	4	30
9+23.92	16.22	14.37	21	9	55	16	39
10+52.01	13.14	12.99	0	0	55	16	39
11+00	38.27	2.95	46	14	101	34	66
11+20	45.00	0.26	31	1	132	36	96

132 28

Notes:

- 1 - Cut
- 2 - Fill
- 3 - Mass Ordinate

Cut includes existing asphalt and concrete pavement
Unexpanded
Cut - Fill Factor

PROJECT NUMBER: 4987-02-65

HWY: WEBSTER AVE.

COUNTY: BROWN

COMPUTER EARTHWORK DATA

SHEET: 258

E

EARTHWORK - EASTMAN AVENUE (WESTBOUND)

EARTHWORK - KLAUS STREET

STATION	AREA (SF)		Incremental Vol (CY) (Unadjusted)		Cumulative Vol (CY)		Incremental Vol (CY) (Unadjusted)		Cumulative Vol (CY)		Mass Ordinate	
	Cut	Fill	Note 1	Note 2	Cut 1.00 Note 1	Expanded Fill 1.30	Cut Note 1	Fill Note 2	Cut 1.00 Note 1	Expanded Fill 1.30	Note 3	Note 3
8+85	39.33	0.18	0	0	0	0	0	0	0	0	0	0
9+00	37.21	0.28	21	0	21	0	44	0	44	0	44	44
9+23.8	26.94	0.86	28	1	50	1	110	0	153	0	153	153
10+52.04	12.23	16.52	0	0	50	1	0	0	153	0	153	153
11+00	44.52	0.00	50	15	100	20	56	0	209	0	209	209
			100	15			45	0	254	0	254	254

EARTHWORK - REBER STREET

EARTHWORK - VANDERBRAAK STREET

STATION	AREA (SF)		Incremental Vol (CY) (Unadjusted)		Cumulative Vol (CY)		Incremental Vol (CY) (Unadjusted)		Cumulative Vol (CY)		Mass Ordinate	
	Cut	Fill	Note 1	Note 2	Cut 1.00 Note 1	Expanded Fill 1.30	Cut Note 1	Fill Note 2	Cut 1.00 Note 1	Expanded Fill 1.30	Note 3	Note 3
9+00	53.73	0.00	0	0	0	0	0	0	0	0	0	0
9+23.8	62.22	0.38	51	0	51	0	60	0	60	0	60	60
10+52.18	57.43	2.77	0	0	51	0	124	0	184	0	184	184
10+75	64.11	0.00	51	1	102	2	61	0	245	0	245	245
10+85	54.01	0.00	33	0	135	2						
			135	1			245	0				

EARTHWORK - BERNER STREET

STATION	AREA (SF)		Incremental Vol (CY) (Unadjusted)		Cumulative Vol (CY)		Mass Ordinate	
	Cut	Fill	Note 1	Note 2	Cut 1.00 Note 1	Expanded Fill 1.30	Note 3	Note 3
8+95	53.51	0.00	0	0	0	0	0	0
9+00	62.62	0.00	11	0	11	0	11	11
9+22.93	72.03	0.00	57	0	68	0	68	68
10+52.5	110.09	0.00	0	0	68	0	68	68
10+75	97.60	0.00	87	0	154	0	154	154
10+85	89.39	0.00	35	0	189	0	189	189
			189	0				

Addendum No. 01
ID 4987-02-65
Revised Sheet 259
March 5, 2019

Notes:

1 - Cut

2 - Fill

3 - Mass Ordinate

Cut includes existing asphalt and concrete pavement

Unexpanded

Cut - (Fill + Fill Factor)

PROJECT NUMBER: 4987-02-65

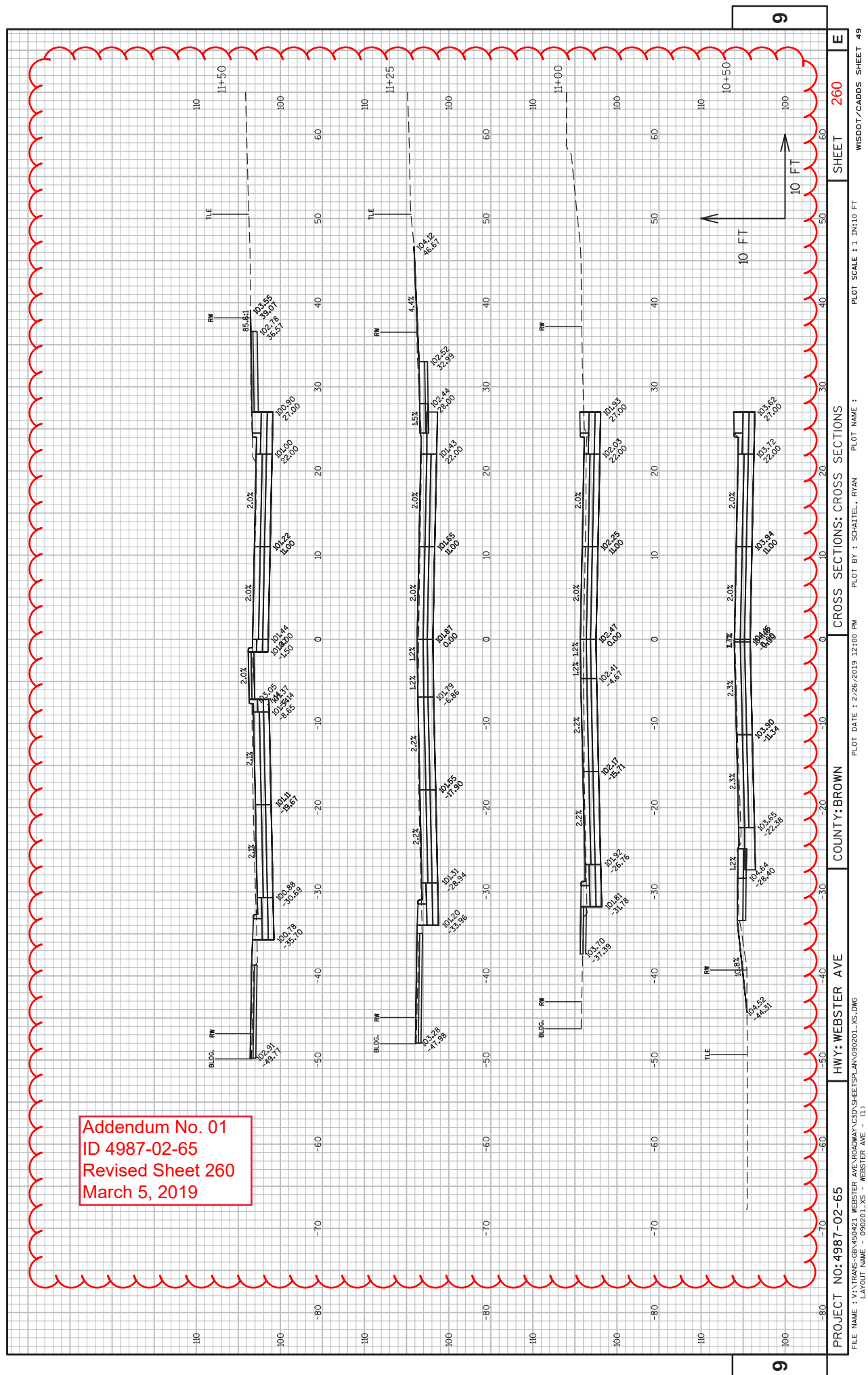
HWY: WEBSTER AVE.

COUNTY: BROWN

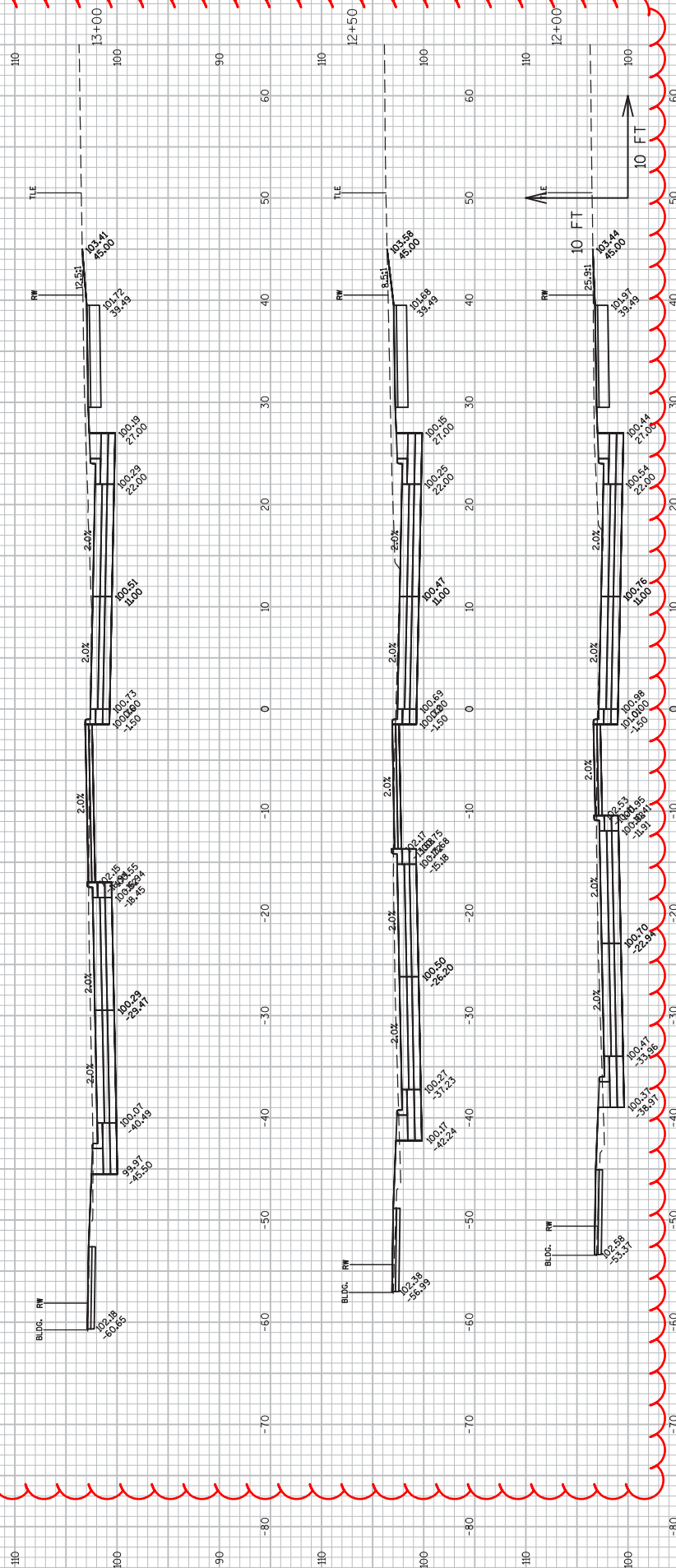
COMPUTER EARTHWORK DATA

SHEET: 259

E

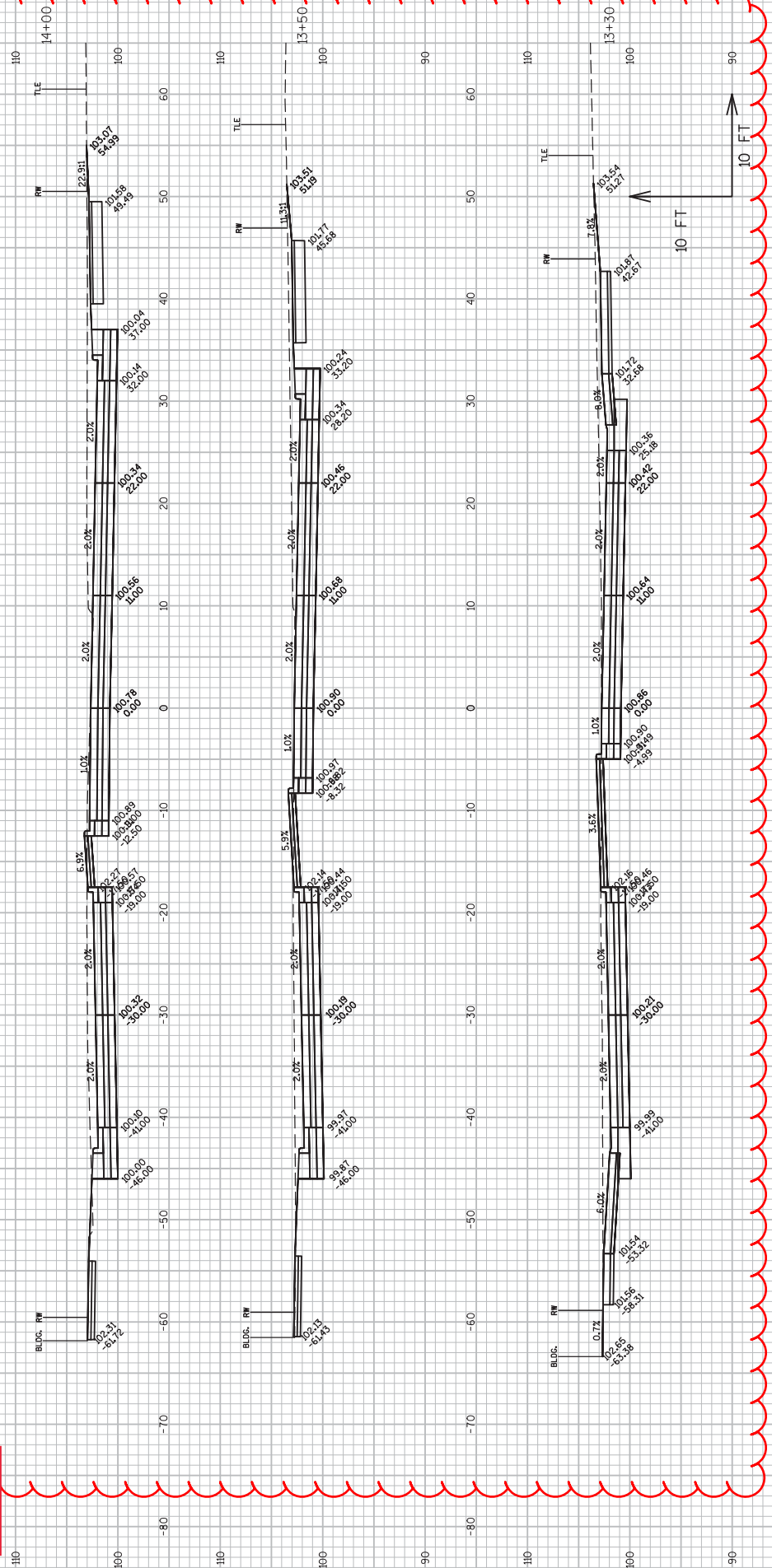


Addendum No. 01
ID 4987-02-65
Revised Sheet 261
March 5, 2019

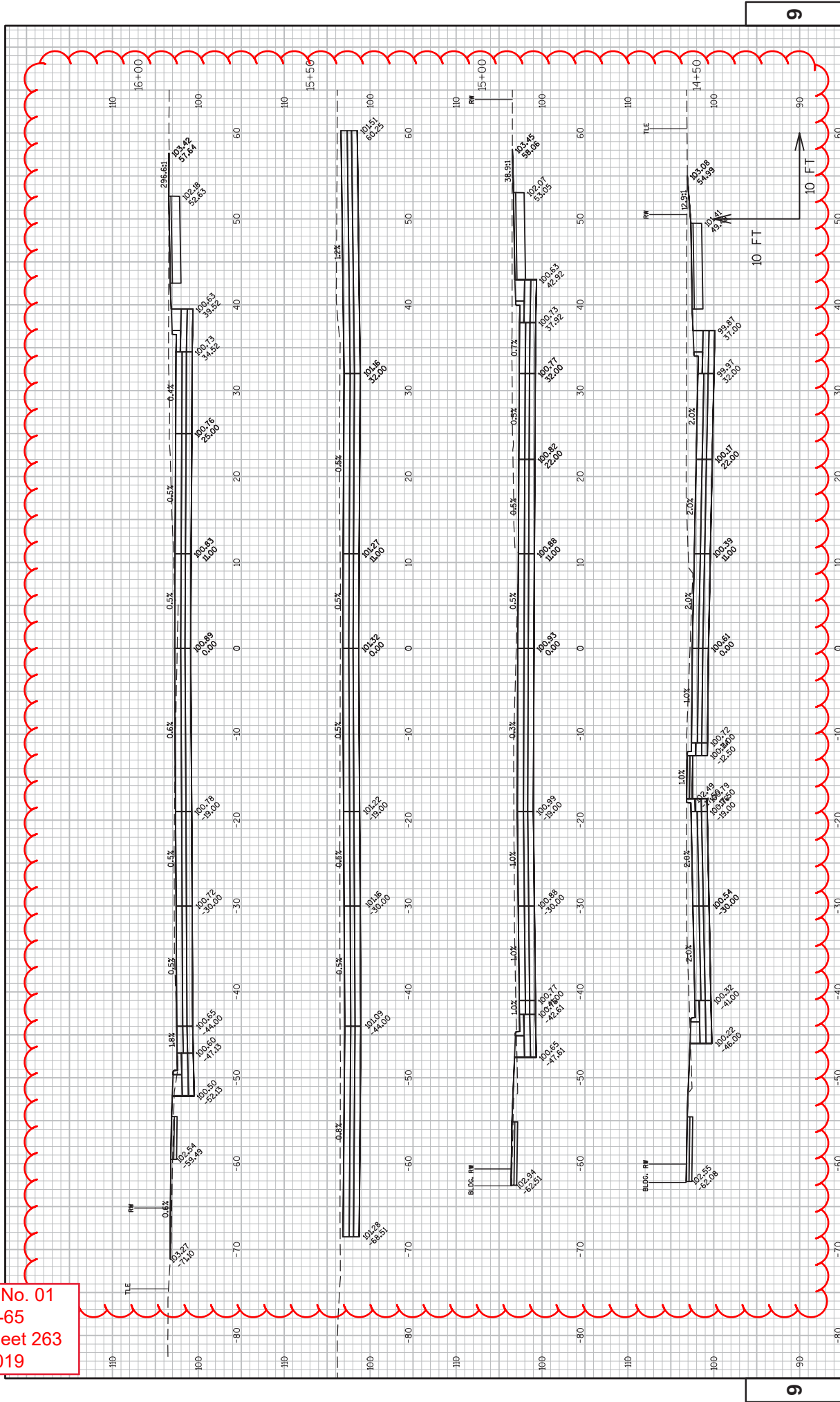


PROJECT NO: 4987-02-65		HWY: WEBSTER AVE		COUNTY: BROWN		CROSS SECTIONS: CROSS		SECTIONS		SHEET		261		E	
FILE NAME : I:\TRANS-GEN\450421 WEBSTER AVE\ROADWAY\CSD\SHEET\SPRINT\090201_XS.DWG LAYOUT NAME : 090201_XS - WEBSTER AVE - (2) PLOT DATE : 2/26/2019 12:01 PM PLOT BY : SCHATEL, RYAN PLOT SCALE : 1 IN=100 FT WISDOT/CADDIS SHEET : 49															

Addendum No. 01
ID 4987-02-65
Revised Sheet 262
March 5, 2019

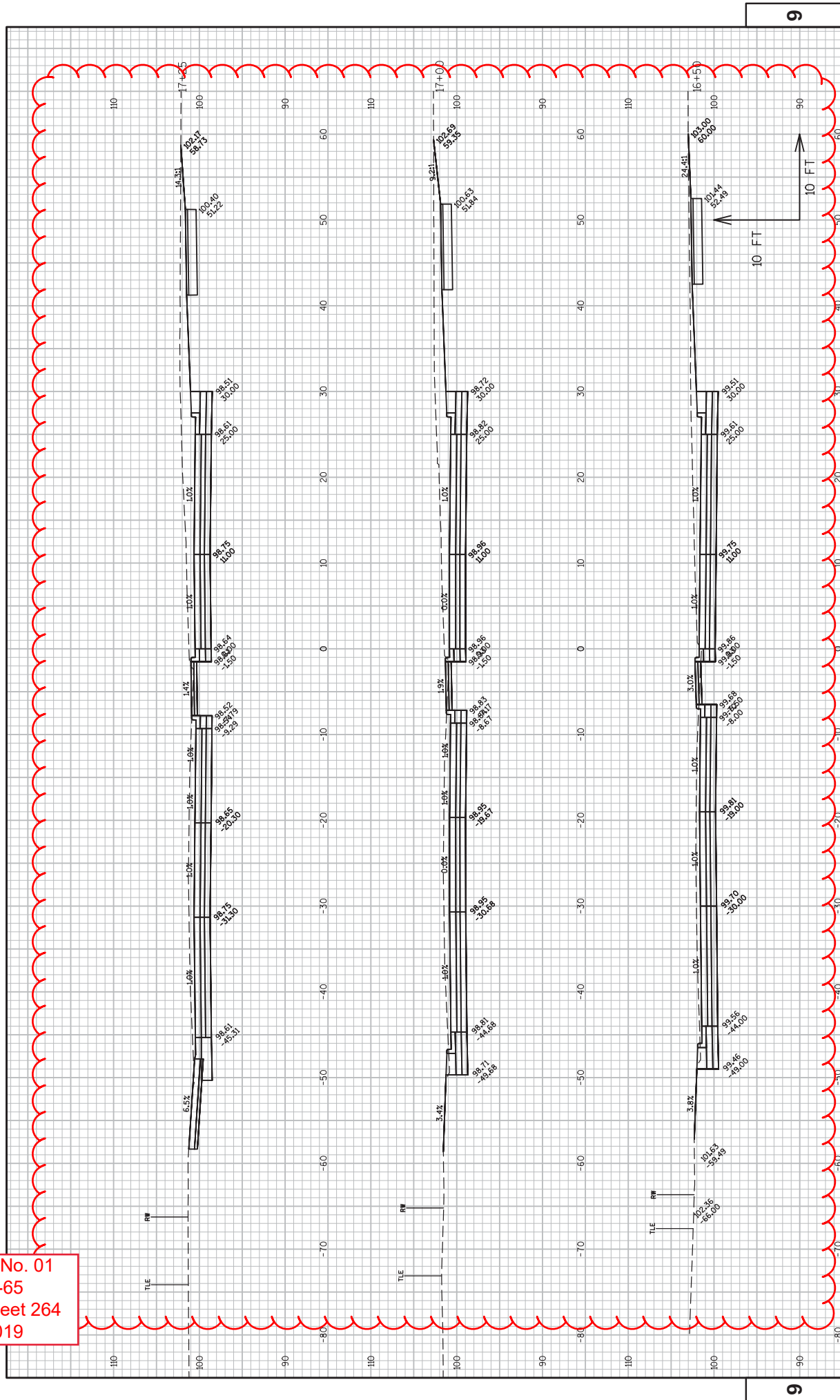


Addendum No. 01
ID 4987-02-65
Revised Sheet 263
March 5, 2019

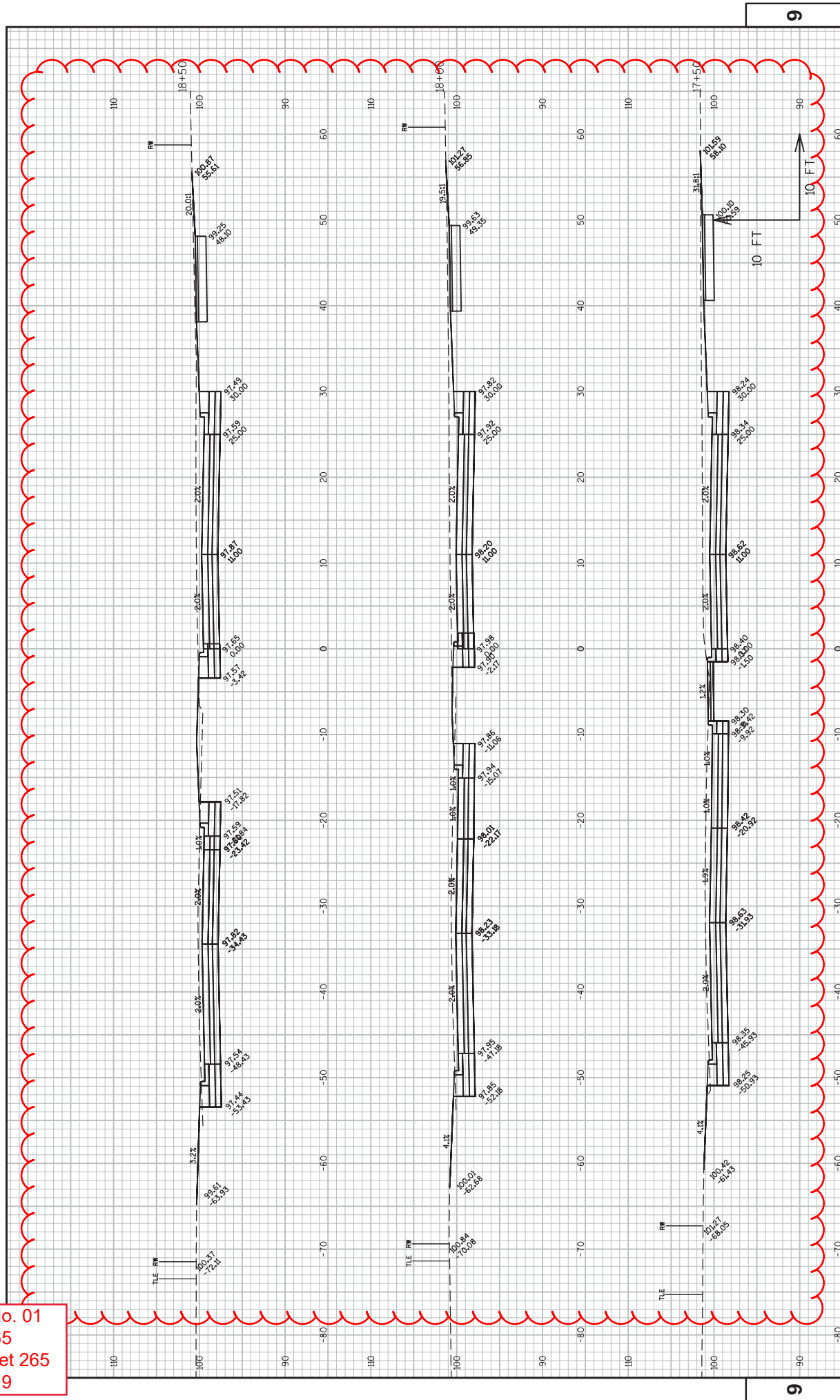


PROJECT NO: 4987-02-65		COUNTY: BROWN		CROSS SECTIONS: CROSS SECTIONS		SHEET 263		E	
HWY: WEBSTER AVE		PLOT DATE : 2/26/2019 12:02 PM		PLOT BY : SCHATTEL, RYAN		PLOT SCALE : 1 IN=10 FT		WISDOT/CADD SHEET 49	
FILE NAME : V:\TRANS-GB\450421 WEBSTER AVE\ROADWAY\C3D\SHEET\PLAN\090201.XS.DWG		LAYOUT NAME : 090201.XS - WEBSTER AVE - (4)							

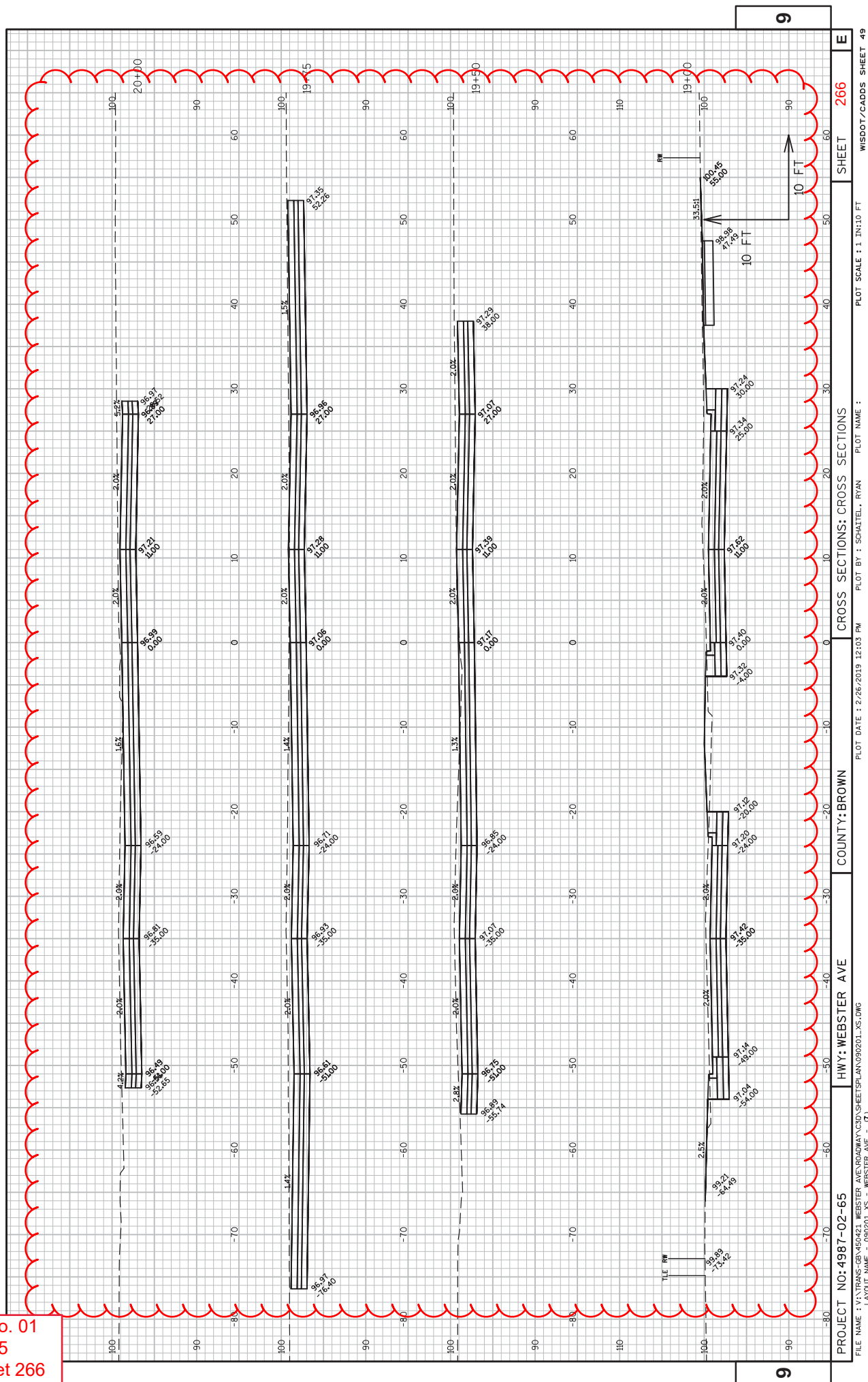
Addendum No. 01
ID 4987-02-65
Revised Sheet 264
March 5, 2019

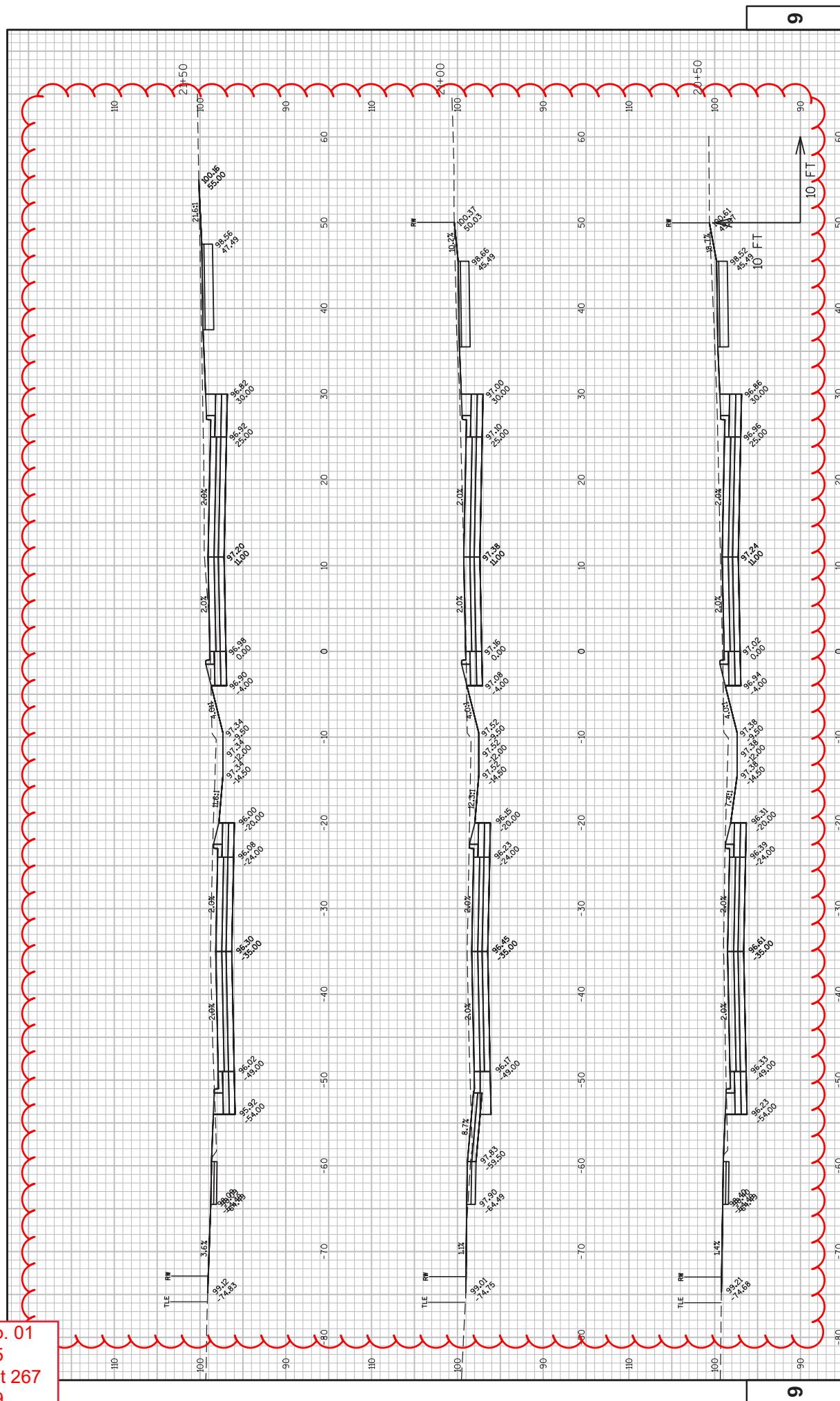


Addendum No. 01
 ID 4987-02-65
 Revised Sheet 265
 March 5, 2019



Addendum No. 01
ID 4987-02-65
Revised Sheet 266
March 5, 2019





PROJECT NO: 4987-02-65	HWY: WEBSTER AVE	COUNTY: BROWN	CROSS SECTIONS: CROSS SECTIONS	SHEET 267
FILE NAME : I:\NTRANS\201469-021 WEBSTER AVE\ROADWAY\CD\ SHEET\PLAN\090201.XS.DWG USER : JEFFREY WEBSTER DATE : 09/20/2014 PLOT DATE : 2/26/2019 12:03 PM PLOT BY : SCHAETEL, RYAN PLOT NAME : PLOT SCALE : 1"=10' 10" FT WISDOT/CADDs SHEET 49				

HWY: WEBSTER AVE

COUNTY: BROWN

CROSS SECTIONS: CROSS SECTIONS

SHEET

267 E

FILE NAME : V:\TRANS-25145021-1\REGISTER_AVE\ROADWAY\3D\SHEETPLAN\090201_XS.DWG	PLOT DATE : 2/26/2019 12:03 PM	PLOT BY : SCHWITTEL, RYAN	PLOT NAME :	PLOT SCALE : 1 IN=10 FT	WISDOT/CADD SHEET 49

W:\TRANS-GB\450421 WEBSTER AVE\ROADWAY\C3D\SY
A\QUIT NAME = 090201 YS = WEBSTER AVE = (B)

PLOT DATE : 2/26/2019 12:03 PM

PLOT BY : SCHAITEL, RYAN

PLOT SCALE : 1 IN:10 FT

WISDOT/CADDs SHEET 49

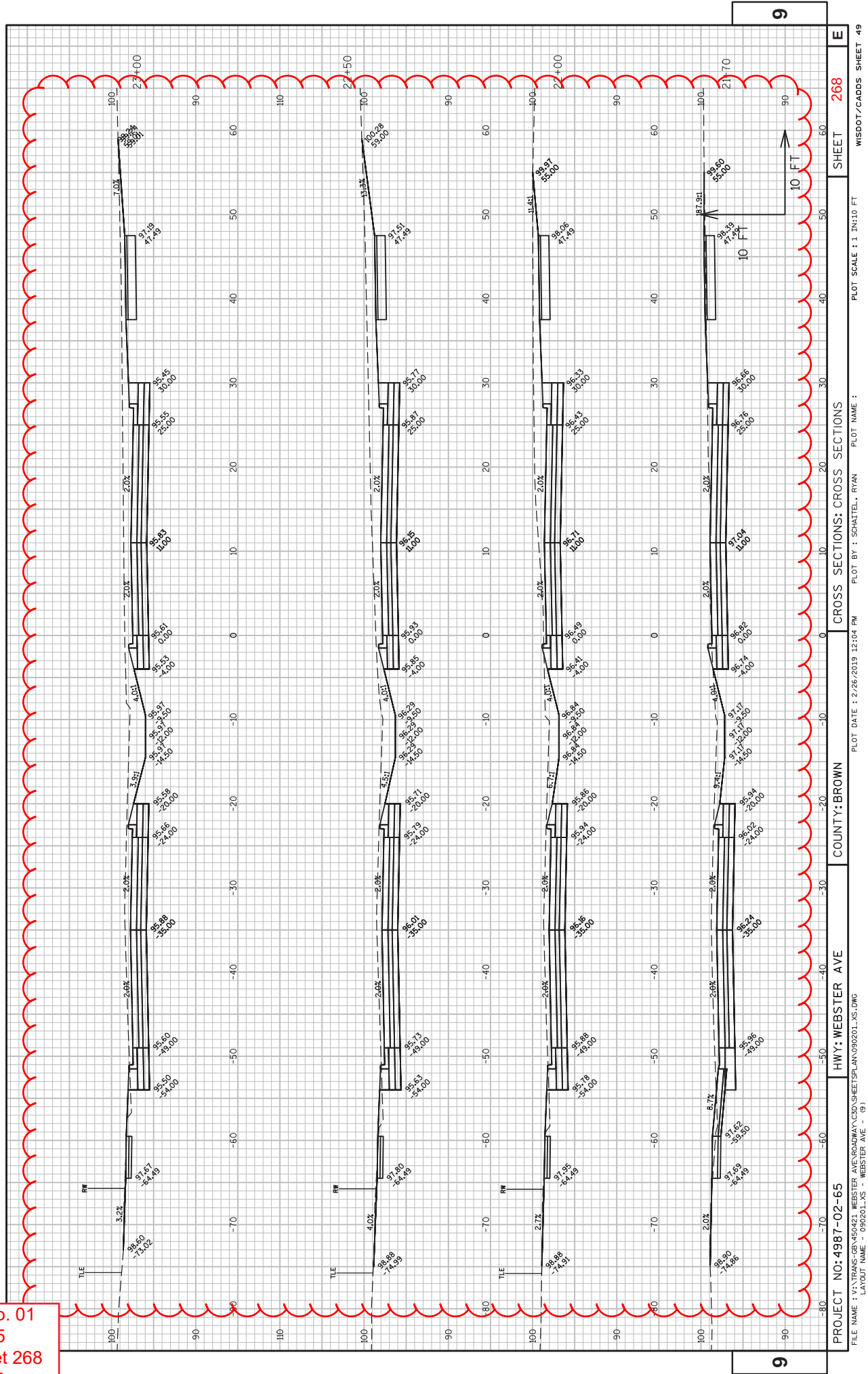
Addendum No. 01
ID 4987-02-65
Revised Sheet 267
March 5, 2019

ID 4987-02-65

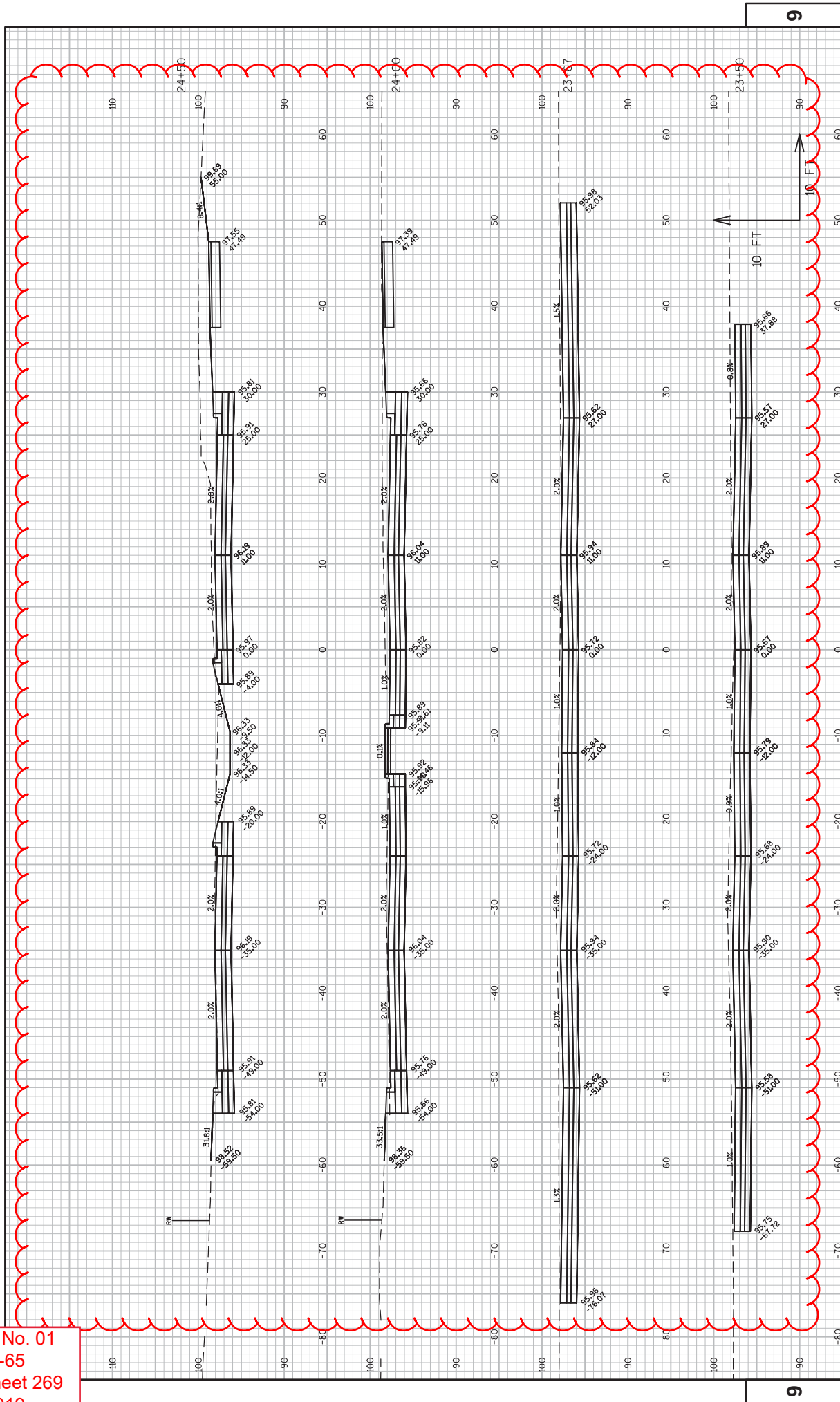
Revised Sheet 267

March 5, 2019

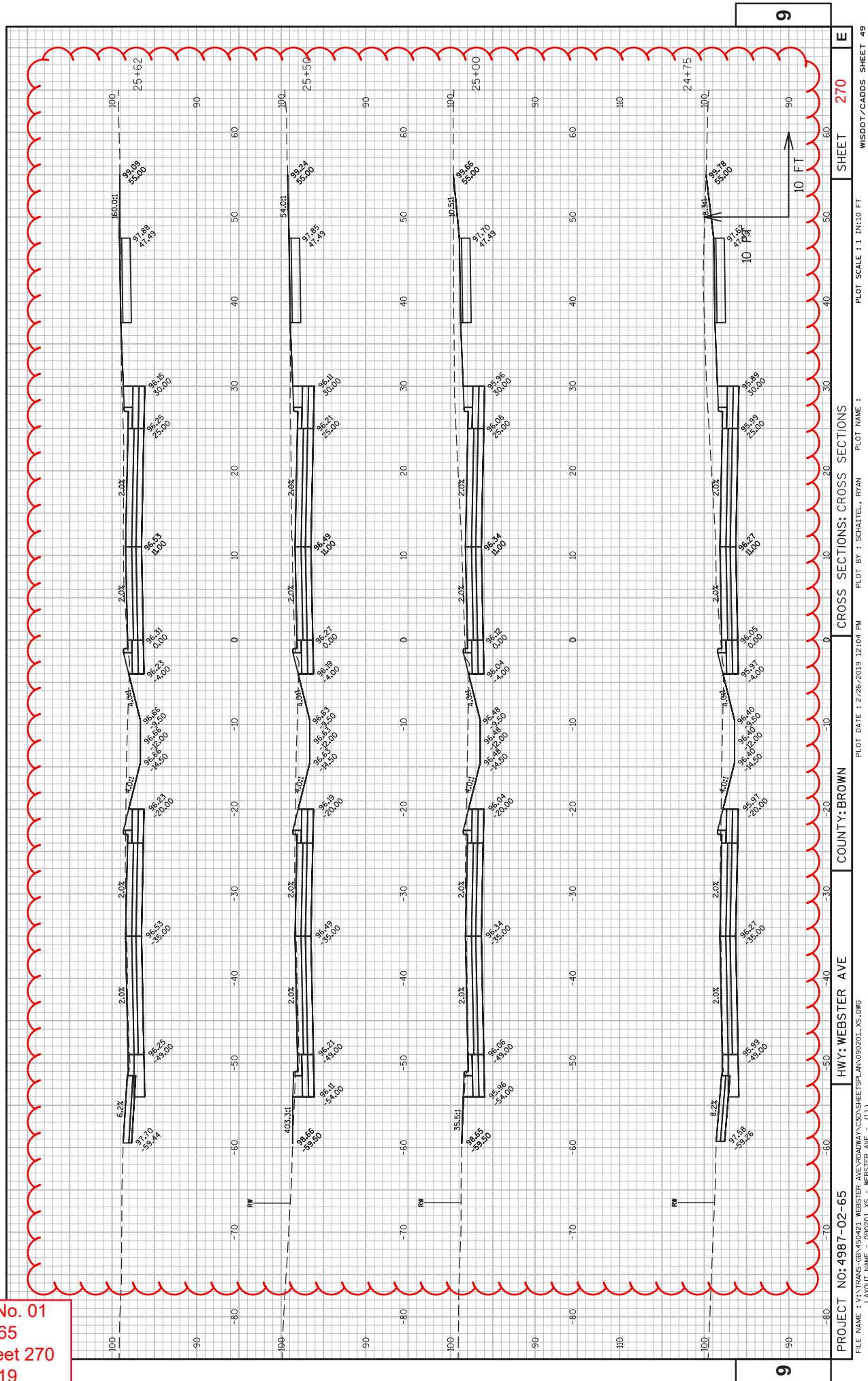
Addendum No. 01
ID 4987-02-65
Revised Sheet 268
March 5, 2019



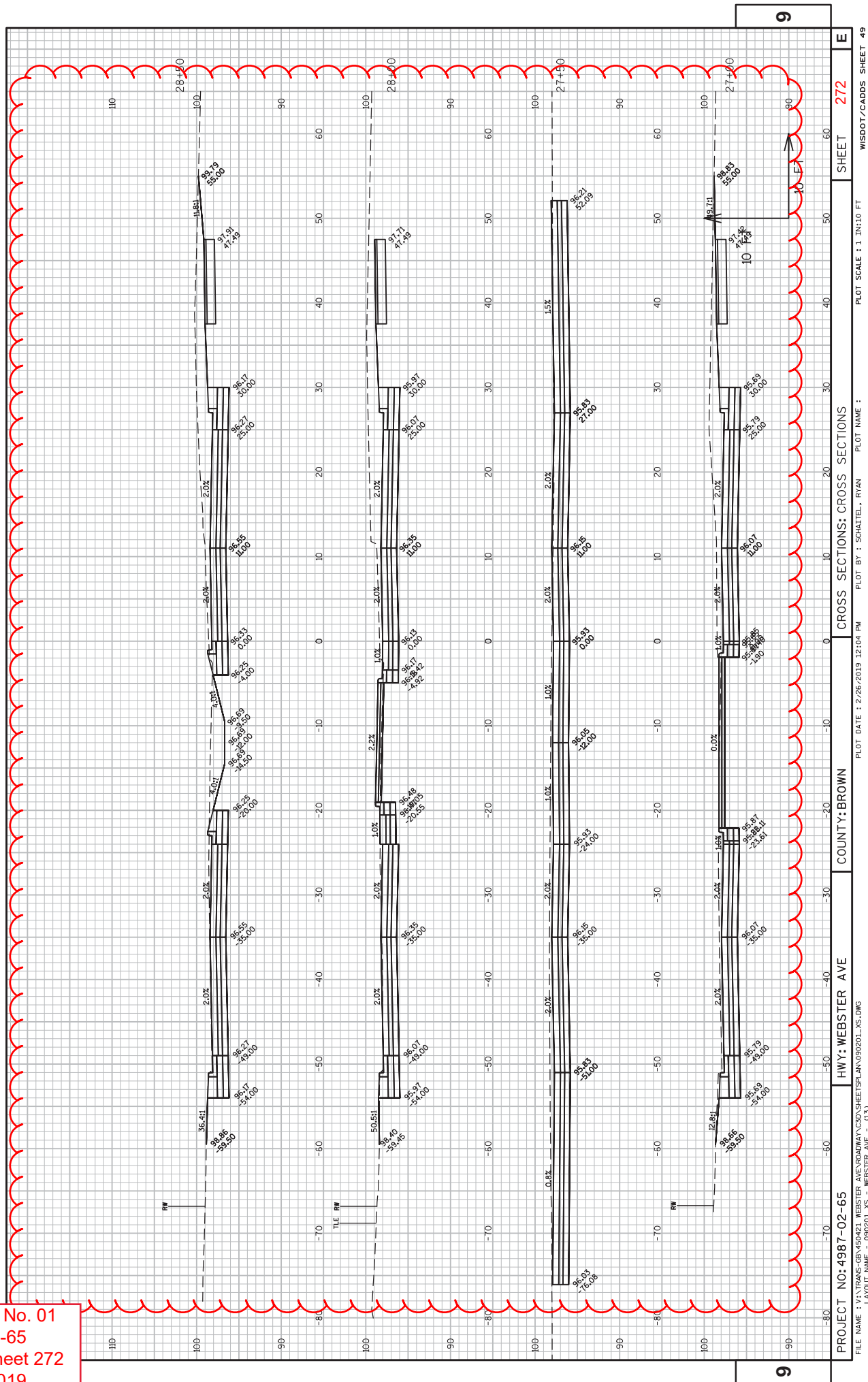
Addendum No. 01
 ID 4987-02-65
 Revised Sheet 269
 March 5, 2019

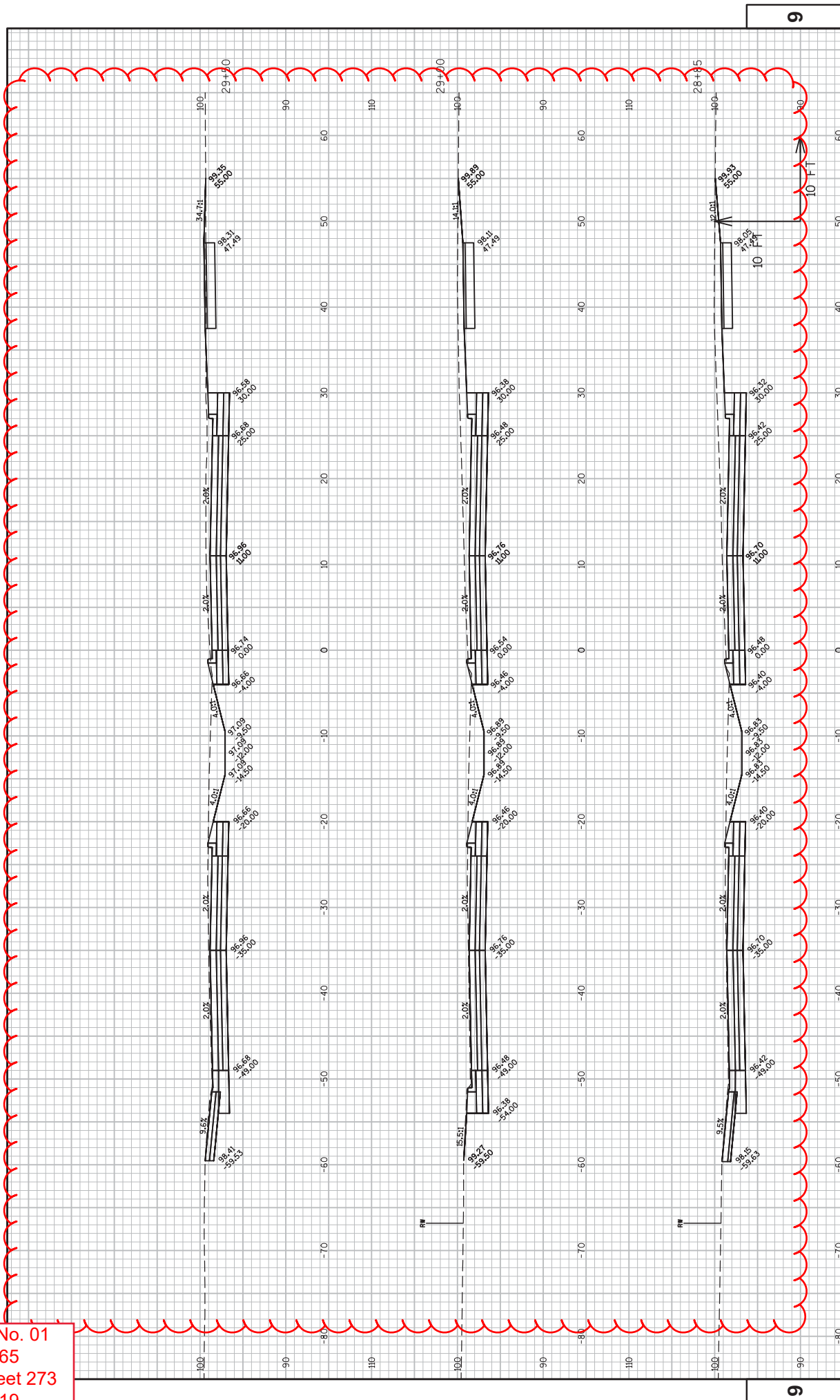


Addendum No. 01
ID 4987-02-65
Revised Sheet 270
March 5, 2019



Addendum No. 01
ID 4987-02-65
Revised Sheet 272
March 5, 2019





Addendum No. 01
ID 4987-02-65
Revised Sheet 273
March 5, 2019

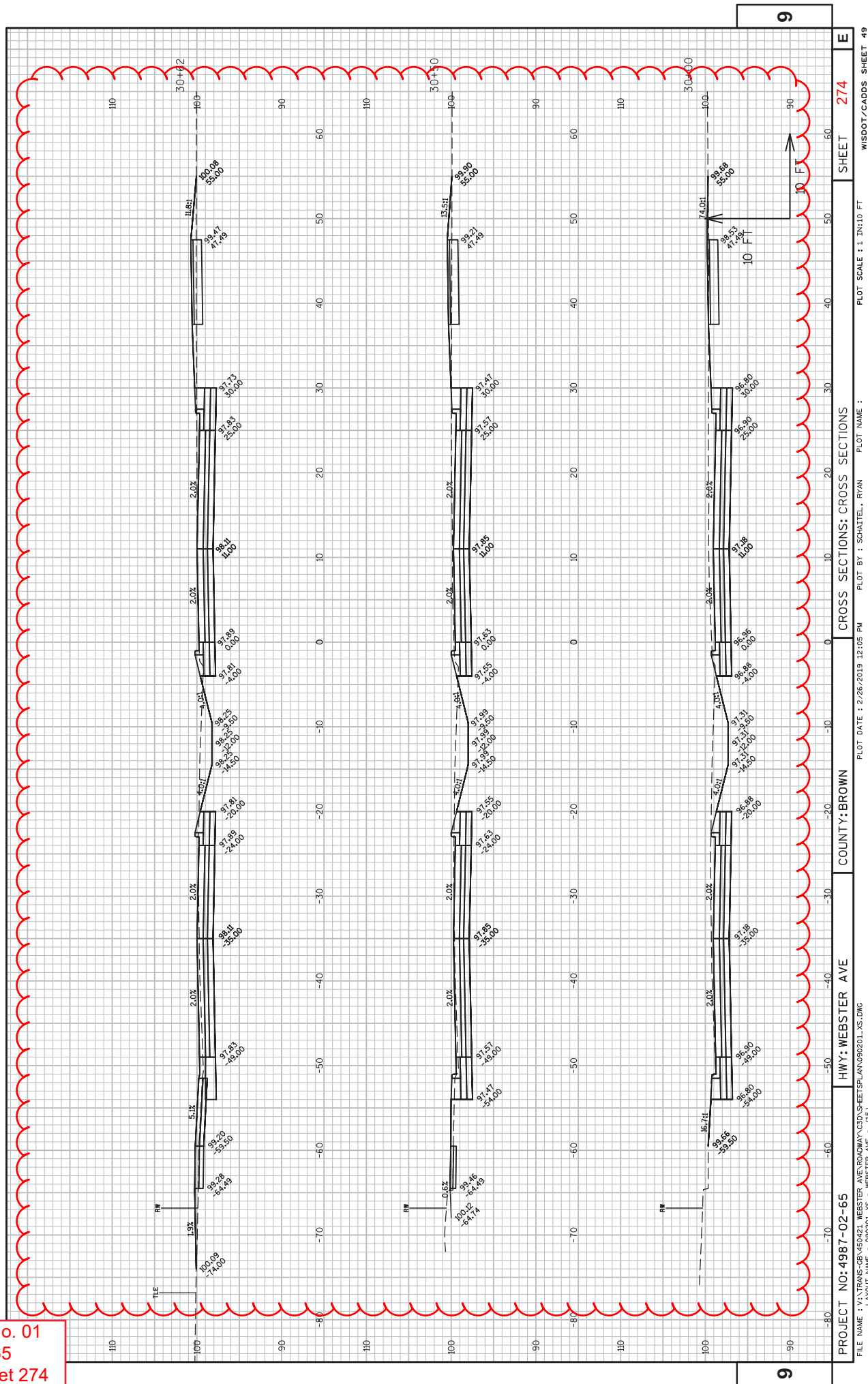
ID 4987-02-65

Revised Sheet 273

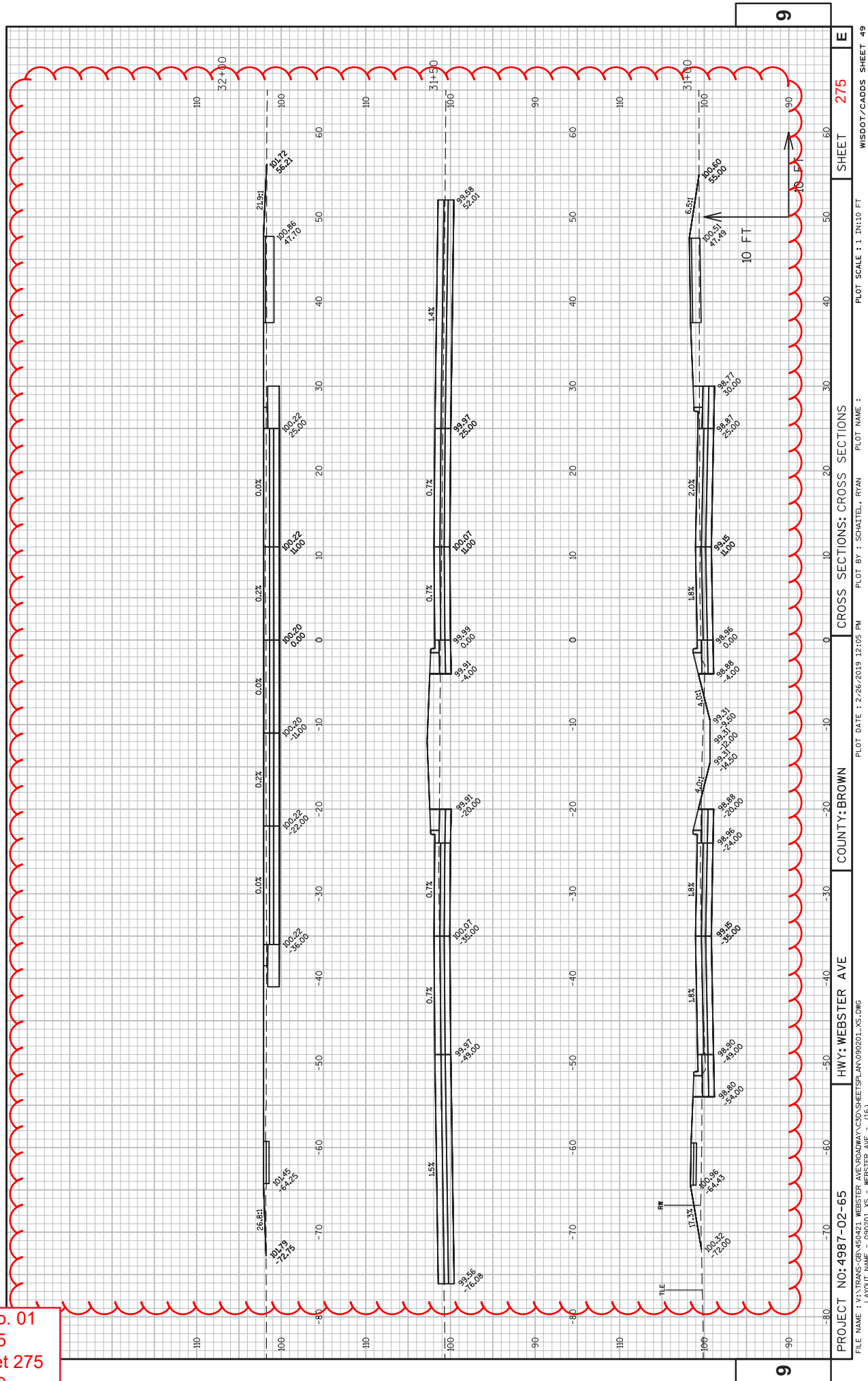
March 5, 2019

PROJECT NO: 4987-02-65	HWY: WEBSTER AVE	COUNTY: BROWN	CROSS SECTIONS: CROSS SECTIONS	SHEET 273
FILE NAME : \\N:\TRANS-CAD\450421 WEBSTER AVE\ROADWAY\CADD\SHEET\PLAN\990201.XS.DWG TRANS NAME : 090201.XS - WEBSTER AVE - (14) PLOT DATE : 2/26/2019 12:04 PM PLOT BY : SCHMIDTTEL, RYAN PLOT SCALE : 1 IN=100 FT WISDOT/CADDs SHEET 49				

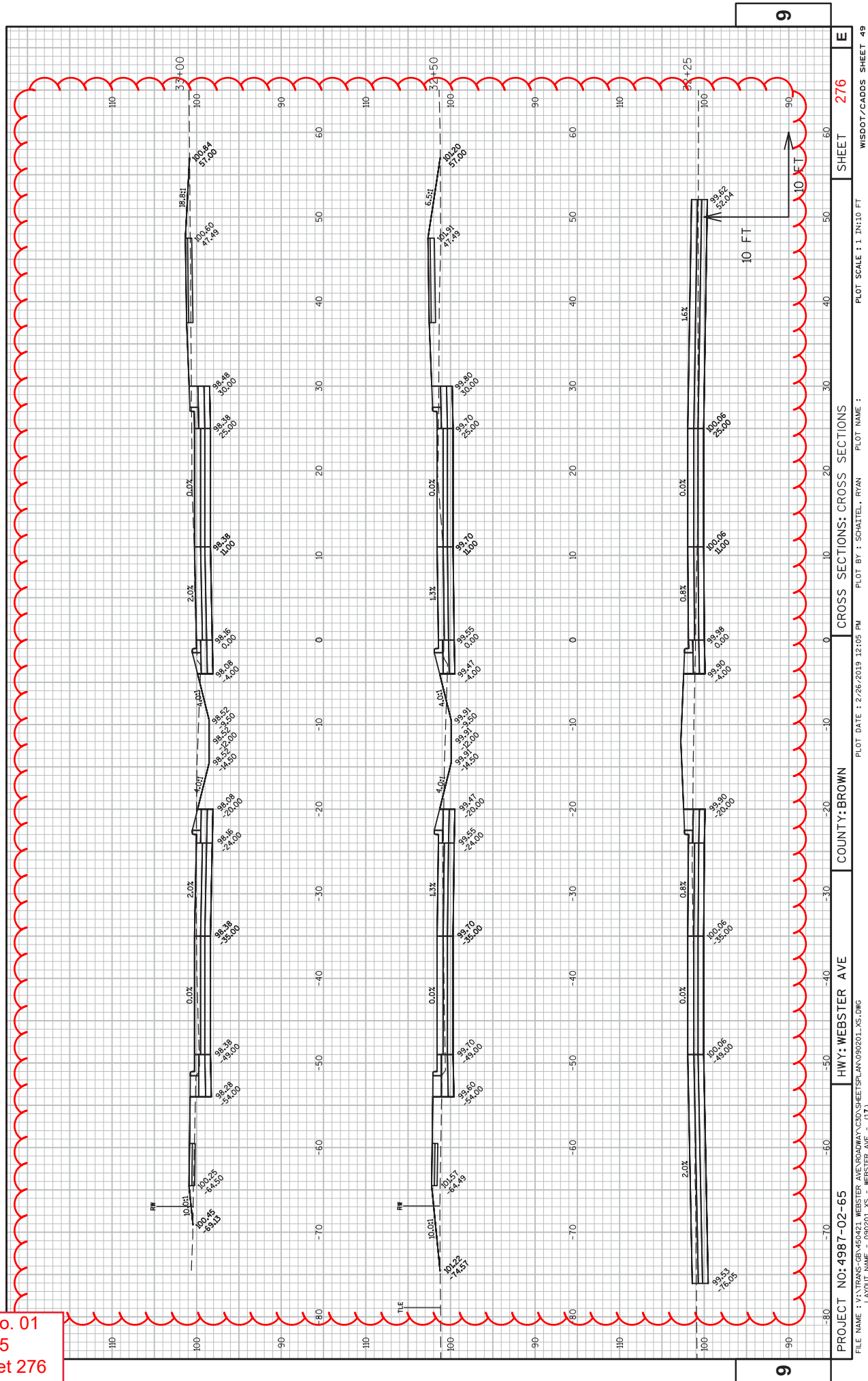
Addendum No. 01
ID 4987-02-65
Revised Sheet 274
March 5, 2019



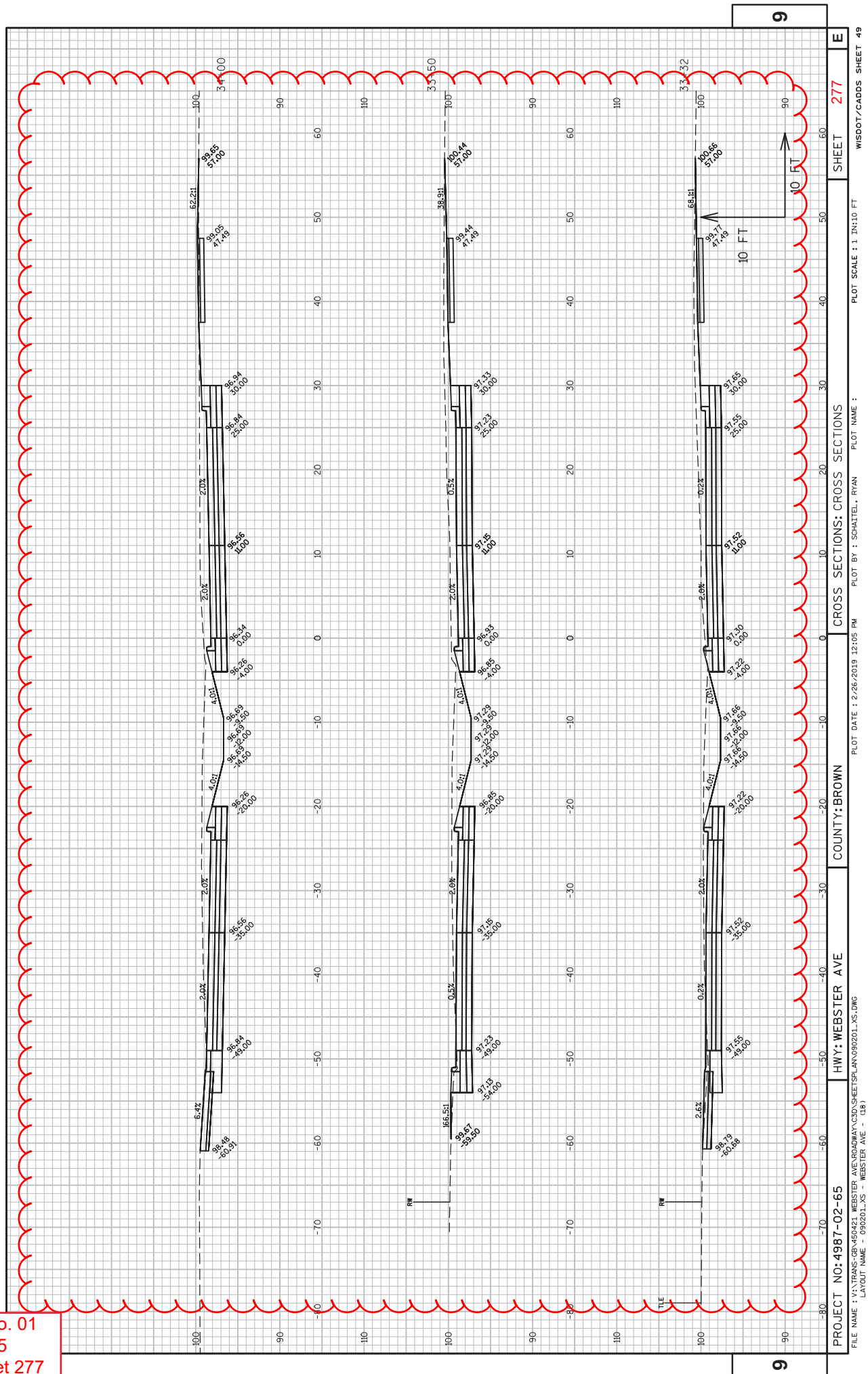
Addendum No. 01
ID 4987-02-65
Revised Sheet 275
March 5, 2019



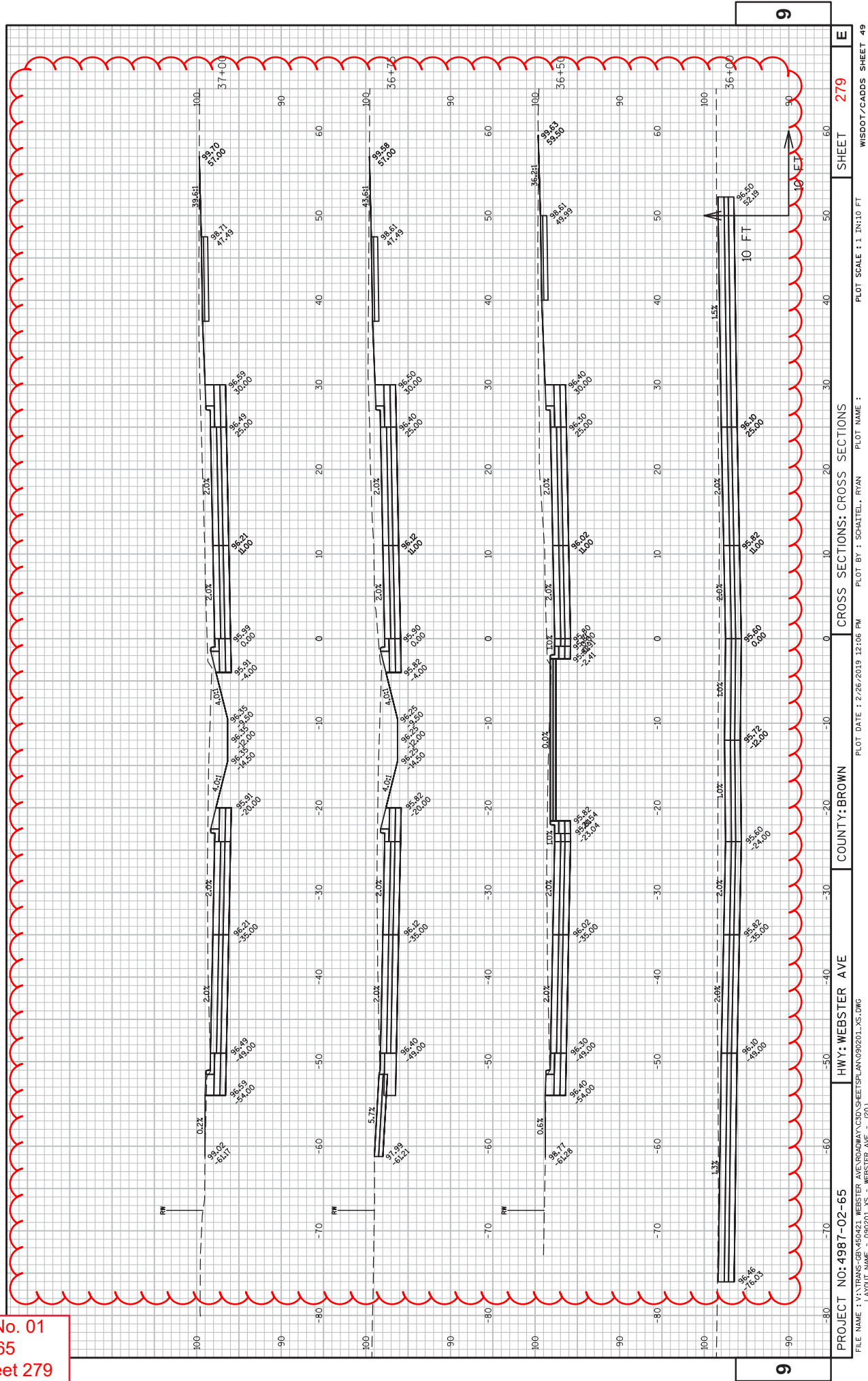
Addendum No. 01
ID 4987-02-65
Revised Sheet 276
March 5, 2019



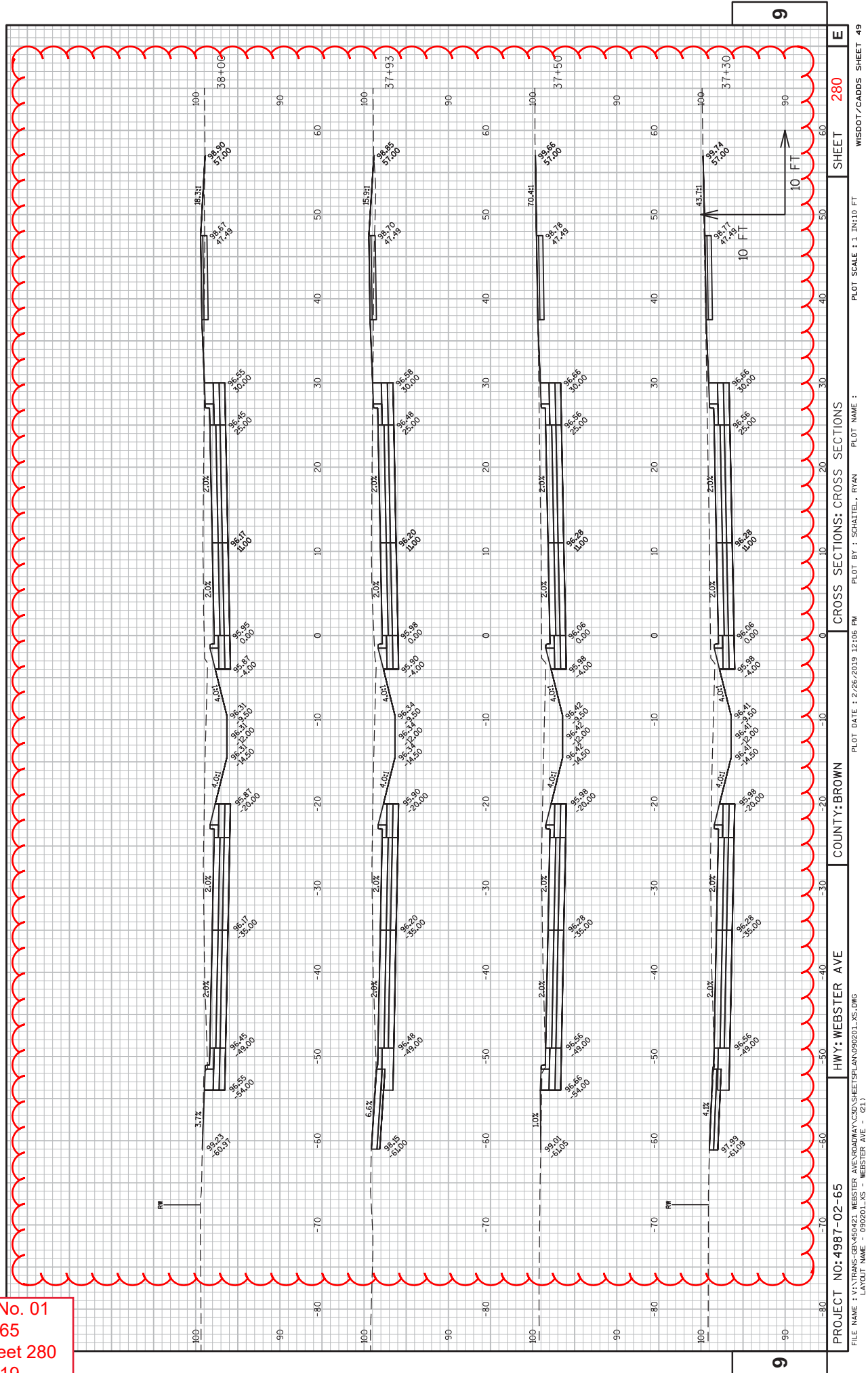
Addendum No. 01
ID 4987-02-65
Revised Sheet 277
March 5, 2019



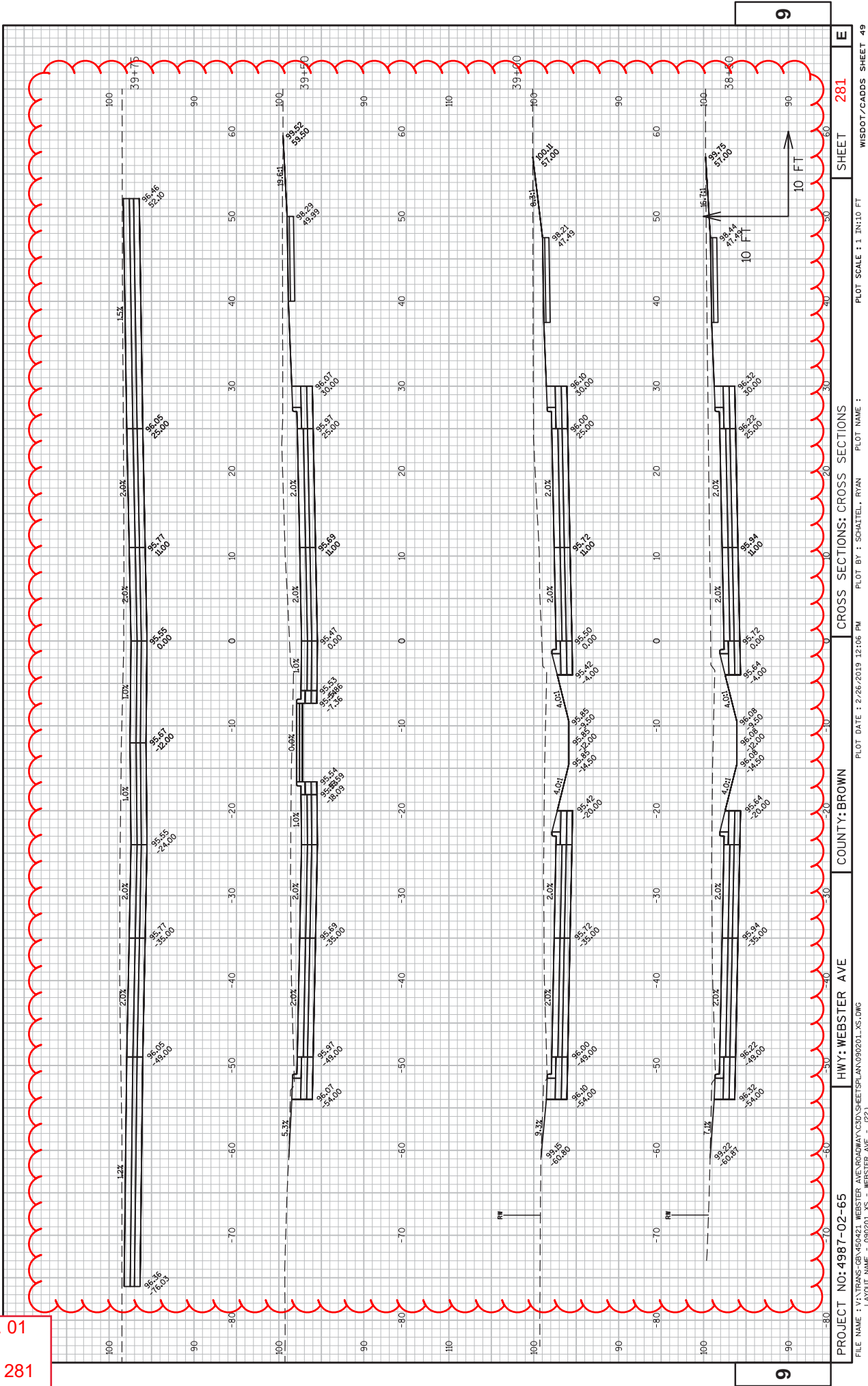
Addendum No. 01
ID 4987-02-65
Revised Sheet 279
March 5, 2019



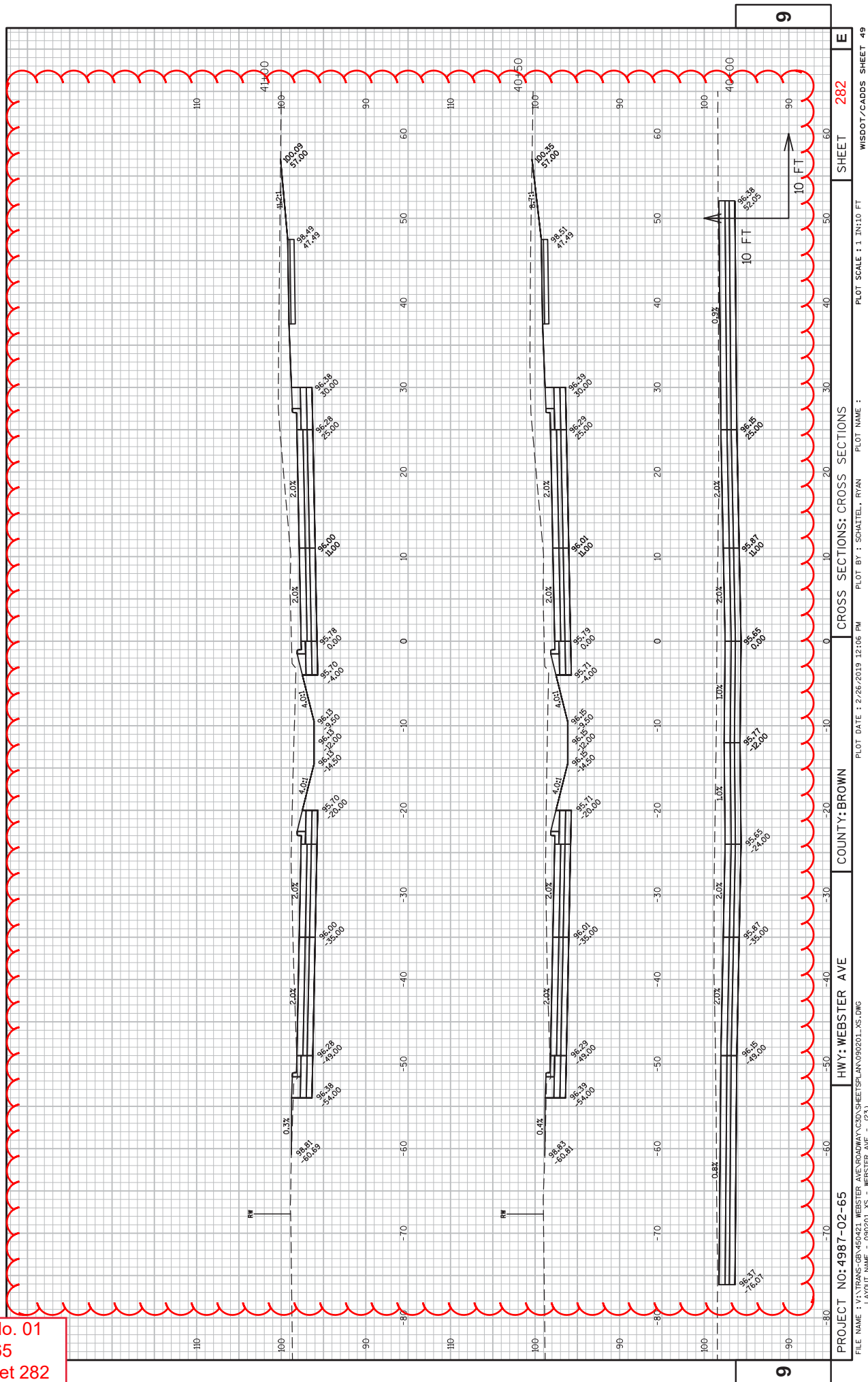
Addendum No. 01
ID 4987-02-65
Revised Sheet 280
March 5, 2019



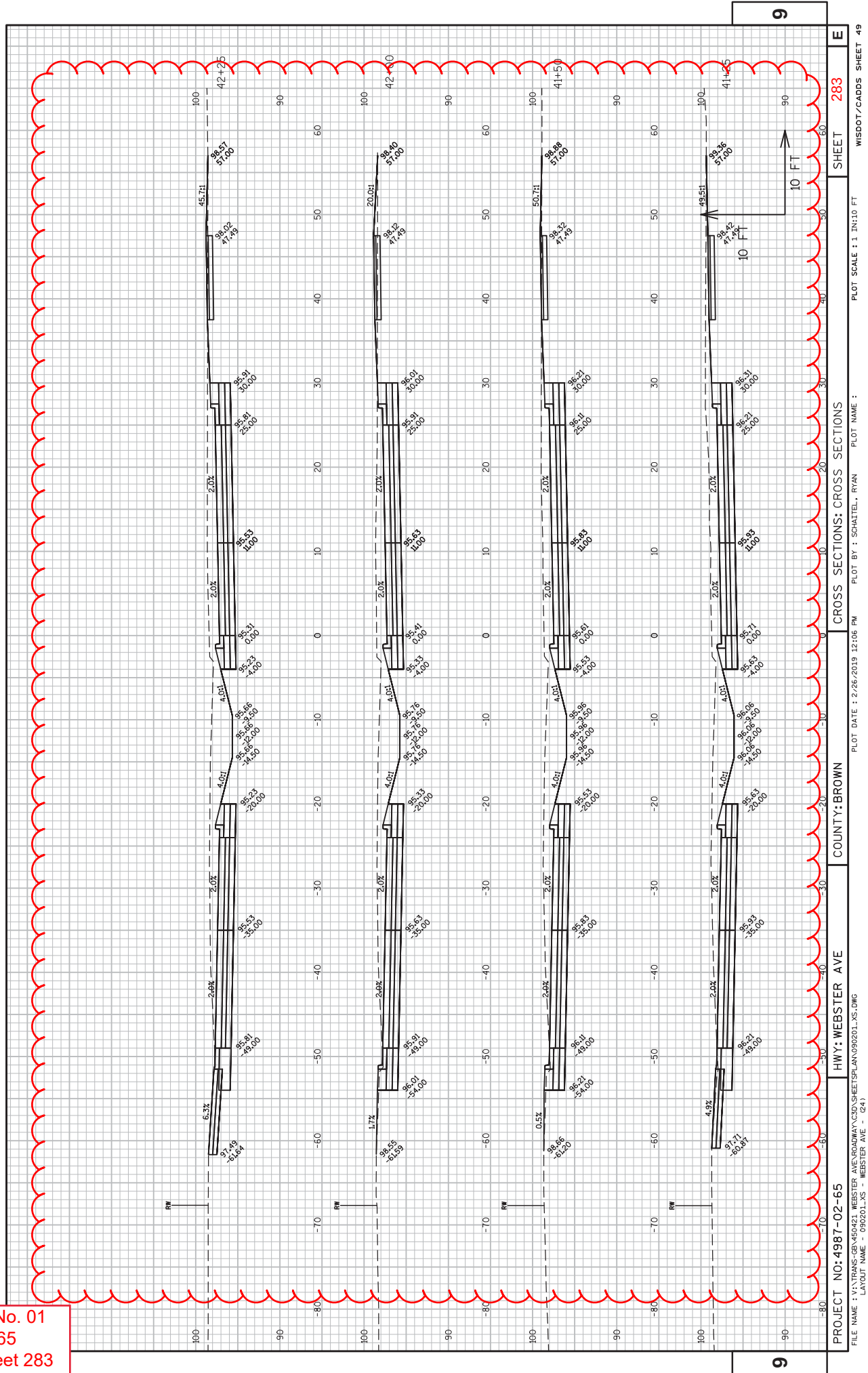
Addendum No. 01
ID 4987-02-65
Revised Sheet 281
March 5, 2019



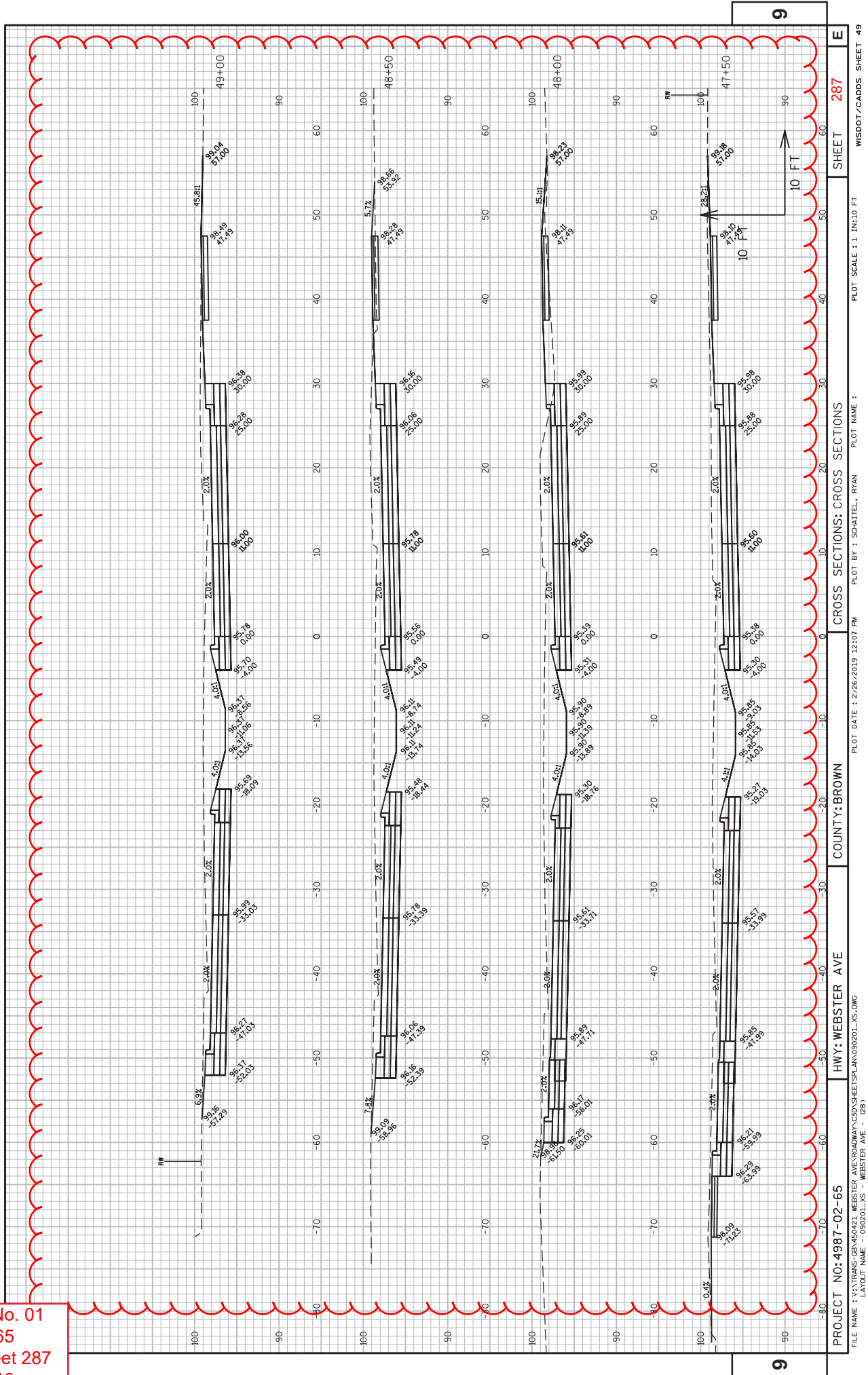
Addendum No. 01
ID 4987-02-65
Revised Sheet 282
March 5, 2019



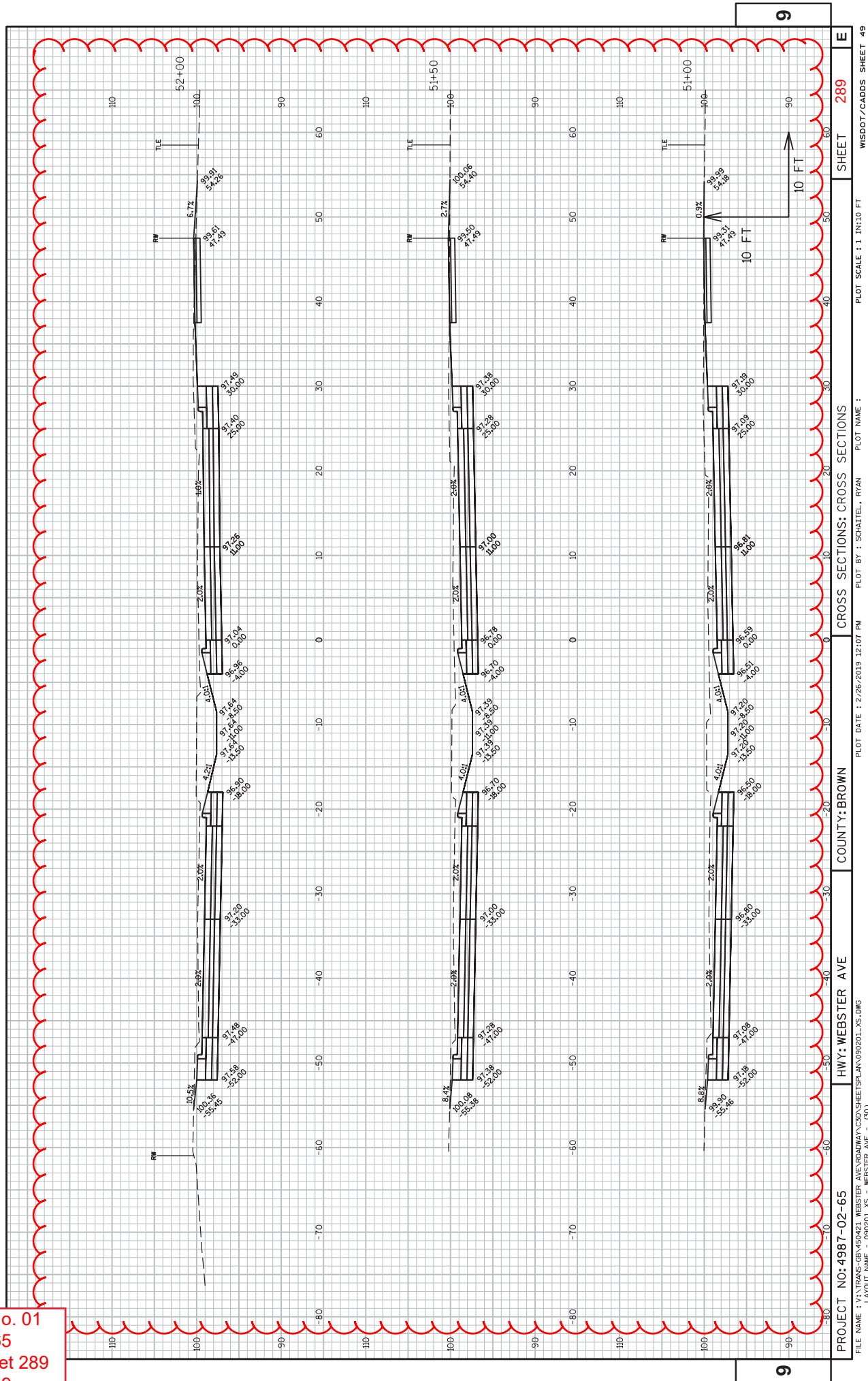
Addendum No. 01
ID 4987-02-65
Revised Sheet 283
March 5, 2019

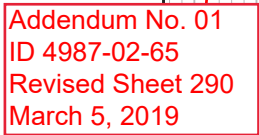


Addendum No. 01
ID 4987-02-65
Revised Sheet 287
March 5, 2019

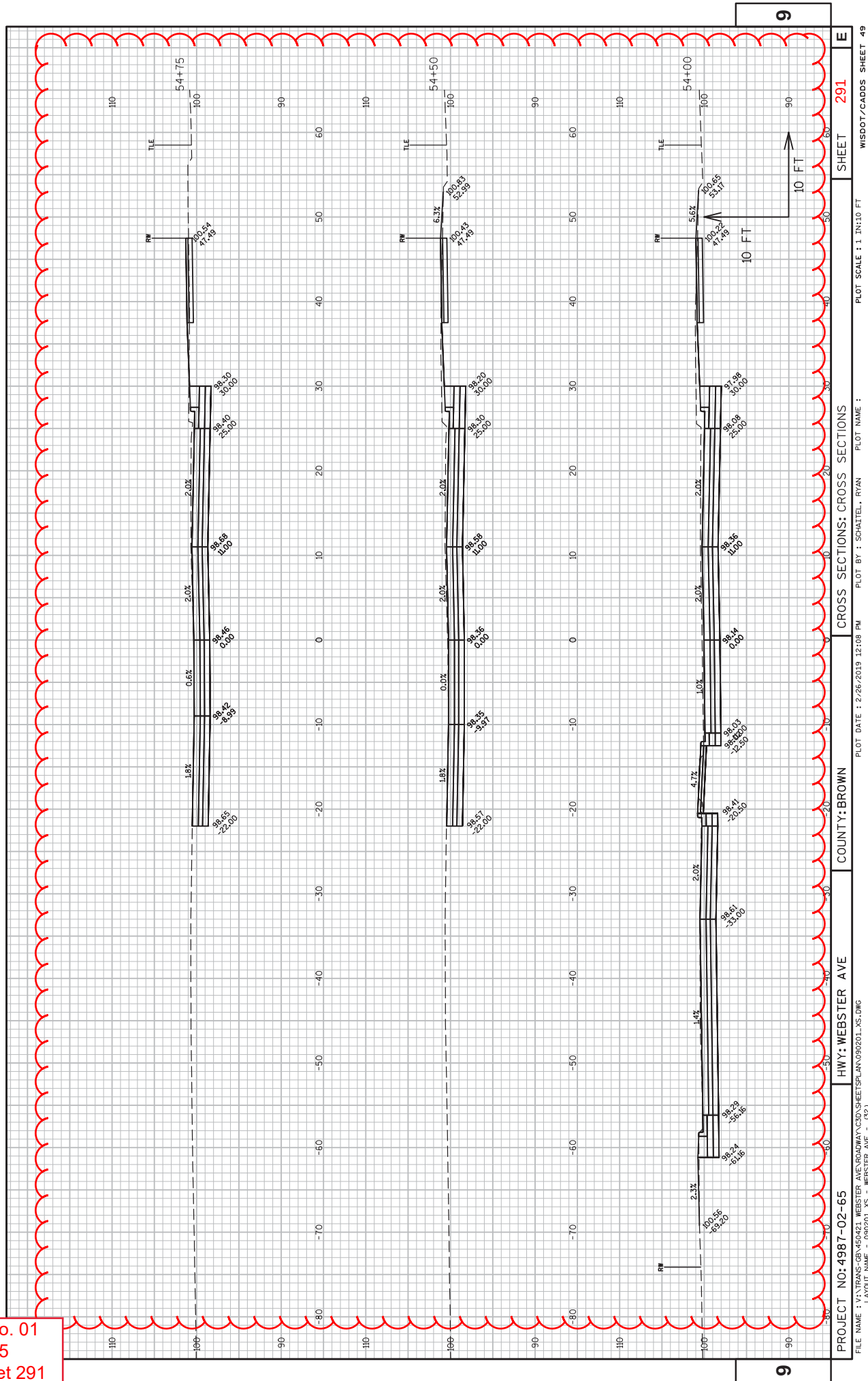


Addendum No. 01
ID 4987-02-65
Revised Sheet 289
March 5, 2019





Addendum No. 01
ID 4987-02-65
Revised Sheet 291
March 5, 2019





Proposal Schedule of Items

Page 1 of 17

Proposal ID: 20190312038 Project(s): 4987-02-65

Federal ID(s): WISC 2019171

SECTION: 0001

Contract Items

Alt Set ID:

Alt Mbr ID:

Proposal Line Number	Item ID Description	Approximate Quantity and Units	Unit Price	Bid Amount
0002	201.0120 Clearing	885.000 ID	_____.	_____.
0004	201.0220 Grubbing	885.000 ID	_____.	_____.
0006	204.0100 Removing Pavement	30,040.000 SY	_____.	_____.
0008	204.0150 Removing Curb & Gutter	1,090.000 LF	_____.	_____.
0010	204.0155 Removing Concrete Sidewalk	4,100.000 SY	_____.	_____.
0012	204.0195 Removing Concrete Bases	10.000 EACH	_____.	_____.
0014	204.0210 Removing Manholes	20.000 EACH	_____.	_____.
0016	204.0220 Removing Inlets	59.000 EACH	_____.	_____.
0018	204.0245 Removing Storm Sewer (size) 01. 8-Inch to 12-Inch	3,110.000 LF	_____.	_____.
0020	204.0245 Removing Storm Sewer (size) 02. 15-Inch	735.000 LF	_____.	_____.
0022	204.0245 Removing Storm Sewer (size) 03. 18-Inch	540.000 LF	_____.	_____.
0024	204.0245 Removing Storm Sewer (size) 04. 21-Inch	80.000 LF	_____.	_____.
0026	204.0245 Removing Storm Sewer (size) 04. 24-Inch	245.000 LF	_____.	_____.
0028	204.0245 Removing Storm Sewer (size) 05. 30-Inch	435.000 LF	_____.	_____.
0030	204.0245 Removing Storm Sewer (size) 07. 48-Inch	260.000 LF	_____.	_____.



Proposal Schedule of Items

Page 2 of 17

Proposal ID: 20190312038 Project(s): 4987-02-65

Federal ID(s): WISC 2019171

SECTION: 0001

Contract Items

Alt Set ID:

Alt Mbr ID:

Proposal Line Number	Item ID Description	Approximate Quantity and Units	Unit Price	Bid Amount
0032	204.0280 Sealing Pipes	12.000 EACH	_____.	_____.
0034	205.0100 Excavation Common	38,000.000 CY	_____.	_____.
0036	213.0100 Finishing Roadway (project) 01. 4987-02-65	1.000 EACH	_____.	_____.
0038	305.0110 Base Aggregate Dense 3/4-Inch	10.000 TON	_____.	_____.
0040	305.0120 Base Aggregate Dense 1 1/4-Inch	18,185.000 TON	_____.	_____.
0042	305.0130 Base Aggregate Dense 3-Inch	17,500.000 TON	_____.	_____.
0044	405.0200 Coloring Concrete Custom	338.000 CY	_____.	_____.
0046	415.0085 Concrete Pavement 8 1/2-Inch	27,780.000 SY	_____.	_____.
0048	415.0210 Concrete Pavement Gaps	1.000 EACH	_____.	_____.
0050	415.1085 Concrete Pavement HES 8 1/2-Inch	2,280.000 SY	_____.	_____.
0052	415.4100 Concrete Pavement Joint Filling	32,320.000 SY	_____.	_____.
0054	415.5110.S Concrete Pavement Joint Layout	1.000 LS	_____.	_____.
0056	416.0160 Concrete Driveway 6-Inch	195.000 SY	_____.	_____.
0058	416.0180 Concrete Driveway 8-Inch	370.000 SY	_____.	_____.
0060	416.0280 Concrete Driveway HES 8-Inch	85.000 SY	_____.	_____.
0062	416.0610 Drilled Tie Bars	120.000 EACH	_____.	_____.



Proposal Schedule of Items

Page 3 of 17

Proposal ID: 20190312038 Project(s): 4987-02-65

Federal ID(s): WISC 2019171

SECTION: 0001

Contract Items

Alt Set ID:

Alt Mbr ID:

Proposal Line Number	Item ID Description	Approximate Quantity and Units	Unit Price	Bid Amount
0064	416.0620 Drilled Dowel Bars	250.000 EACH	_____.	_____.
0066	416.1010 Concrete Surface Drains	76.000 CY	_____.	_____.
0068	450.4000 HMA Cold Weather Paving	40.000 TON	_____.	_____.
0070	455.0605 Tack Coat	305.000 GAL	_____.	_____.
0072	460.2000 Incentive Density HMA Pavement	605.000 DOL	1.00000	605.00
0074	460.5224 HMA Pavement 4 LT 58-28 S	780.000 TON	_____.	_____.
0076	460.6223 HMA Pavement 3 MT 58-28 S	120.000 TON	_____.	_____.
0078	460.6224 HMA Pavement 4 MT 58-28 S	45.000 TON	_____.	_____.
0080	465.0105 Asphaltic Surface	735.000 TON	_____.	_____.
0082	465.0120 Asphaltic Surface Driveways and Field Entrances	45.000 TON	_____.	_____.
0084	465.0125 Asphaltic Surface Temporary	50.000 TON	_____.	_____.
0086	520.8000 Concrete Collars for Pipe	13.000 EACH	_____.	_____.
0088	601.0411 Concrete Curb & Gutter 30-Inch Type D	225.000 LF	_____.	_____.
0090	601.0452 Concrete Curb & Gutter Integral 30-Inch Type D	8,870.000 LF	_____.	_____.
0092	602.0405 Concrete Sidewalk 4-Inch	19,040.000 SF	_____.	_____.
0094	602.0515 Curb Ramp Detectable Warning Field Natural Patina	790.000 SF	_____.	_____.



Proposal Schedule of Items

Page 4 of 17

Proposal ID: 20190312038 Project(s): 4987-02-65

Federal ID(s): WISC 2019171

SECTION: 0001

Contract Items

Alt Set ID:

Alt Mbr ID:

Proposal Line Number	Item ID Description	Approximate Quantity and Units	Unit Price	Bid Amount
0096	602.0615 Curb Ramp Detectable Warning Field Radial Natural Patina	25.000 SF	_____.	_____.
0098	602.2400 Concrete Safety Islands	345.000 SF	_____.	_____.
0100	606.0200 Riprap Medium	19.000 CY	_____.	_____.
0102	608.0315 Storm Sewer Pipe Reinforced Concrete Class III 15-Inch	148.000 LF	_____.	_____.
0104	608.0324 Storm Sewer Pipe Reinforced Concrete Class III 24-Inch	413.000 LF	_____.	_____.
0106	608.0336 Storm Sewer Pipe Reinforced Concrete Class III 36-Inch	227.000 LF	_____.	_____.
0108	608.0342 Storm Sewer Pipe Reinforced Concrete Class III 42-Inch	323.000 LF	_____.	_____.
0110	608.0354 Storm Sewer Pipe Reinforced Concrete Class III 54-Inch	239.000 LF	_____.	_____.
0112	608.0412 Storm Sewer Pipe Reinforced Concrete Class IV 12-Inch	349.000 LF	_____.	_____.
0114	608.0418 Storm Sewer Pipe Reinforced Concrete Class IV 18-Inch	158.000 LF	_____.	_____.
0116	608.0424 Storm Sewer Pipe Reinforced Concrete Class IV 24-Inch	124.000 LF	_____.	_____.
0118	608.2319 Storm Sewer Pipe Reinforced Concrete Horizontal Elliptical Class HE-III 19x30-Inch	624.000 LF	_____.	_____.
0120	608.2324 Storm Sewer Pipe Reinforced Concrete Horizontal Elliptical Class HE-III 24x38-Inch	504.000 LF	_____.	_____.



Proposal Schedule of Items

Page 5 of 17

Proposal ID: 20190312038 Project(s): 4987-02-65

Federal ID(s): WISC 2019171

SECTION: 0001

Contract Items

Alt Set ID:

Alt Mbr ID:

Proposal Line Number	Item ID Description	Approximate Quantity and Units	Unit Price	Bid Amount
0122	608.2329 Storm Sewer Pipe Reinforced Concrete Horizontal Elliptical Class HE-III 29x45-Inch	473.000 LF	_____.	_____.
0124	608.2334 Storm Sewer Pipe Reinforced Concrete Horizontal Elliptical Class HE-III 34x53-Inch	71.000 LF	_____.	_____.
0126	608.2419 Storm Sewer Pipe Reinforced Concrete Horizontal Elliptical Class HE-IV 19x30-Inch	136.000 LF	_____.	_____.
0128	608.2424 Storm Sewer Pipe Reinforced Concrete Horizontal Elliptical Class HE-IV 24x38-Inch	283.000 LF	_____.	_____.
0130	608.2429 Storm Sewer Pipe Reinforced Concrete Horizontal Elliptical Class HE-IV 29x45-Inch	348.000 LF	_____.	_____.
0134	612.0406 Pipe Underdrain Wrapped 6-Inch	720.000 LF	_____.	_____.
0136	612.0902.S Insulation Board Polystyrene (inch) 01.2-Inch	100.000 SY	_____.	_____.
0138	619.1000 Mobilization	1.000 EACH	_____.	_____.
0140	620.0300 Concrete Median Sloped Nose	542.000 SF	_____.	_____.
0142	623.0200 Dust Control Surface Treatment	50,000.000 SY	_____.	_____.
0144	624.0100 Water	458.000 MGAL	_____.	_____.
0146	625.0100 Topsoil	23,000.000 SY	_____.	_____.
0148	627.0200 Mulching	2,500.000 SY	_____.	_____.



Proposal Schedule of Items

Page 6 of 17

Proposal ID: 20190312038 Project(s): 4987-02-65

Federal ID(s): WISC 2019171

SECTION: 0001

Contract Items

Alt Set ID:

Alt Mbr ID:

Proposal Line Number	Item ID Description	Approximate Quantity and Units	Unit Price	Bid Amount
0150	628.1504 Silt Fence	870.000 LF	_____.	_____.
0152	628.1520 Silt Fence Maintenance	1,740.000 LF	_____.	_____.
0154	628.1905 Mobilizations Erosion Control	10.000 EACH	_____.	_____.
0156	628.1910 Mobilizations Emergency Erosion Control	6.000 EACH	_____.	_____.
0158	628.2004 Erosion Mat Class I Type B	95.000 SY	_____.	_____.
0160	628.2006 Erosion Mat Urban Class I Type A	13,560.000 SY	_____.	_____.
0162	628.2037 Erosion Mat Class III Type C	95.000 SY	_____.	_____.
0164	628.7005 Inlet Protection Type A	100.000 EACH	_____.	_____.
0166	628.7010 Inlet Protection Type B	35.000 EACH	_____.	_____.
0168	628.7015 Inlet Protection Type C	60.000 EACH	_____.	_____.
0170	628.7020 Inlet Protection Type D	25.000 EACH	_____.	_____.
0172	628.7560 Tracking Pads	10.000 EACH	_____.	_____.
0174	629.0210 Fertilizer Type B	18.000 CWT	_____.	_____.
0176	630.0140 Seeding Mixture No. 40	108.000 LB	_____.	_____.
0178	630.0200 Seeding Temporary	50.000 LB	_____.	_____.
0180	631.0300 Sod Water	393.000 MGAL	_____.	_____.
0182	631.1000 Sod Lawn	9,500.000 SY	_____.	_____.



Proposal Schedule of Items

Page 7 of 17

Proposal ID: 20190312038 Project(s): 4987-02-65

Federal ID(s): WISC 2019171

SECTION: 0001

Contract Items

Alt Set ID:

Alt Mbr ID:

Proposal Line Number	Item ID Description	Approximate Quantity and Units	Unit Price	Bid Amount
0184	643.0300 Traffic Control Drums	25,805.000 DAY	_____.	_____.
0186	643.0410 Traffic Control Barricades Type II	8,543.000 DAY	_____.	_____.
0188	643.0420 Traffic Control Barricades Type III	15,516.000 DAY	_____.	_____.
0194	643.0705 Traffic Control Warning Lights Type A	28,206.000 DAY	_____.	_____.
0196	643.0715 Traffic Control Warning Lights Type C	4,837.000 DAY	_____.	_____.
0198	643.0800 Traffic Control Arrow Boards	80.000 DAY	_____.	_____.
0200	643.0900 Traffic Control Signs	26,053.000 DAY	_____.	_____.
0202	643.1000 Traffic Control Signs Fixed Message	171.000 SF	_____.	_____.
0204	643.1050 Traffic Control Signs PCMS	70.000 DAY	_____.	_____.
0206	643.5000 Traffic Control	1.000 EACH	_____.	_____.
0208	644.1410.S Temporary Pedestrian Surface Asphalt	4,500.000 SF	_____.	_____.
0212	645.0120 Geotextile Type HR	38.000 SY	_____.	_____.
0214	645.0130 Geotextile Type R	100.000 SY	_____.	_____.
0216	645.0140 Geotextile Type SAS	2,500.000 SY	_____.	_____.
0218	645.0220 Geogrid Type SR	12,000.000 SY	_____.	_____.
0220	646.1020 Marking Line Epoxy 4-Inch	8,910.000 LF	_____.	_____.
0222	646.3020 Marking Line Epoxy 8-Inch	495.000 LF	_____.	_____.



Proposal Schedule of Items

Page 8 of 17

Proposal ID: 20190312038 Project(s): 4987-02-65

Federal ID(s): WISC 2019171

SECTION: 0001

Contract Items

Alt Set ID:

Alt Mbr ID:

Proposal Line Number	Item ID Description	Approximate Quantity and Units	Unit Price	Bid Amount
0224	646.5020 Marking Arrow Epoxy	10.000 EACH	_____.	_____.
0226	646.5120 Marking Word Epoxy	1.000 EACH	_____.	_____.
0228	646.5220 Marking Symbol Epoxy	41.000 EACH	_____.	_____.
0230	646.5320 Marking Railroad Crossings Epoxy	4.000 EACH	_____.	_____.
0232	646.6120 Marking Stop Line Epoxy 18-Inch	270.000 LF	_____.	_____.
0234	646.7120 Marking Diagonal Epoxy 12-Inch	12.000 LF	_____.	_____.
0236	646.7420 Marking Crosswalk Epoxy Transverse Line 6-Inch	3,533.000 LF	_____.	_____.
0238	646.8120 Marking Curb Epoxy	160.000 LF	_____.	_____.
0240	646.8220 Marking Island Nose Epoxy	19.000 EACH	_____.	_____.
0242	646.9010 Marking Removal Line Water Blasting 4-Inch	150.000 LF	_____.	_____.
0248	649.0150 Temporary Marking Line Removable Tape 4-Inch	600.000 LF	_____.	_____.
0252	650.4000 Construction Staking Storm Sewer	106.000 EACH	_____.	_____.
0254	650.4500 Construction Staking Subgrade	10,104.000 LF	_____.	_____.
0256	650.5000 Construction Staking Base	622.000 LF	_____.	_____.
0258	650.5500 Construction Staking Curb Gutter and Curb & Gutter	1,163.000 LF	_____.	_____.



Proposal Schedule of Items

Page 9 of 17

Proposal ID: 20190312038 Project(s): 4987-02-65

Federal ID(s): WISC 2019171

SECTION: 0001

Contract Items

Alt Set ID:

Alt Mbr ID:

Proposal Line Number	Item ID Description	Approximate Quantity and Units	Unit Price	Bid Amount
0260	650.7000 Construction Staking Concrete Pavement	9,654.000 LF	_____.	_____.
0262	650.8500 Construction Staking Electrical Installations (project) 01. 4987-02-65	LS	LUMP SUM	_____.
0264	650.9910 Construction Staking Supplemental Control (project) 01. 4987-02-65	LS	LUMP SUM	_____.
0266	650.9920 Construction Staking Slope Stakes	10,104.000 LF	_____.	_____.
0268	652.0225 Conduit Rigid Nonmetallic Schedule 40 2-Inch	10,601.000 LF	_____.	_____.
0270	652.0235 Conduit Rigid Nonmetallic Schedule 40 3-Inch	1,160.000 LF	_____.	_____.
0272	653.0905 Removing Pull Boxes	6.000 EACH	_____.	_____.
0274	654.0101 Concrete Bases Type 1	8.000 EACH	_____.	_____.
0276	655.0230 Cable Traffic Signal 5-14 AWG	655.000 LF	_____.	_____.
0278	655.0240 Cable Traffic Signal 7-14 AWG	246.000 LF	_____.	_____.
0280	655.0260 Cable Traffic Signal 12-14 AWG	309.000 LF	_____.	_____.
0282	655.0270 Cable Traffic Signal 15-14 AWG	329.000 LF	_____.	_____.
0284	655.0290 Cable Traffic Signal 21-14 AWG	1,360.000 LF	_____.	_____.
0286	655.0320 Cable Type UF 2-10 AWG Grounded	1,767.000 LF	_____.	_____.
0288	655.0515 Electrical Wire Traffic Signals 10 AWG	1,155.000 LF	_____.	_____.



Proposal Schedule of Items

Page 10 of 17

Proposal ID: 20190312038 Project(s): 4987-02-65

Federal ID(s): WISC 2019171

SECTION: 0001

Contract Items

Alt Set ID:

Alt Mbr ID:

Proposal Line Number	Item ID Description	Approximate Quantity and Units	Unit Price	Bid Amount
0290	655.0610 Electrical Wire Lighting 12 AWG	8,676.000 LF	_____.	_____.
0292	655.0625 Electrical Wire Lighting 6 AWG	11,125.000 LF	_____.	_____.
0294	655.0630 Electrical Wire Lighting 4 AWG	32,335.000 LF	_____.	_____.
0296	655.0700 Loop Detector Lead In Cable	48.000 LF	_____.	_____.
0298	657.0100 Pedestal Bases	8.000 EACH	_____.	_____.
0300	657.0425 Traffic Signal Standards Aluminum 15-FT	4.000 EACH	_____.	_____.
0302	657.0430 Traffic Signal Standards Aluminum 10-FT	4.000 EACH	_____.	_____.
0304	658.0173 Traffic Signal Face 3S 12-Inch	12.000 EACH	_____.	_____.
0306	658.0174 Traffic Signal Face 4S 12-Inch	8.000 EACH	_____.	_____.
0308	658.0416 Pedestrian Signal Face 16-Inch	8.000 EACH	_____.	_____.
0310	658.0500 Pedestrian Push Buttons	8.000 EACH	_____.	_____.
0312	658.5069 Signal Mounting Hardware (location) 01. University Ave & Webster Ave	LS	LUMP SUM	_____.
0314	690.0150 Sawing Asphalt	739.000 LF	_____.	_____.
0316	690.0250 Sawing Concrete	994.000 LF	_____.	_____.
0318	715.0415 Incentive Strength Concrete Pavement	8,937.000 DOL	1.00000	8,937.00
0320	715.0710 Optimized Aggregate Gradation Incentive	27,037.000 DOL	1.00000	27,037.00



Proposal Schedule of Items

Page 11 of 17

Proposal ID: 20190312038 Project(s): 4987-02-65

Federal ID(s): WISC 2019171

SECTION: 0001

Contract Items

Alt Set ID:

Alt Mbr ID:

Proposal Line Number	Item ID Description	Approximate Quantity and Units	Unit Price	Bid Amount
0322	740.0440 Incentive IRI Ride	6,730.000 DOL	1.00000	6,730.00
0324	ASP.1T0A On-the-Job Training Apprentice at \$5.00/HR	2,100.000 HRS	5.00000	10,500.00
0326	ASP.1T0G On-the-Job Training Graduate at \$5.00/HR	2,400.000 HRS	5.00000	12,000.00
0328	SPV.0045 Special 01. Temporary Crosswalk Access	260.000 DAY	_____.	_____.
0330	SPV.0060 Special 01. Manhole Covers Type GB-J	22.000 EACH	_____.	_____.
0332	SPV.0060 Special 02. Inlet Covers Type GB-H	61.000 EACH	_____.	_____.
0334	SPV.0060 Special 03. Inlet Covers Type GB-C	23.000 EACH	_____.	_____.
0336	SPV.0060 Special 04. Inlet Covers Type GB-CSH	4.000 EACH	_____.	_____.
0338	SPV.0060 Special 05. Inlets GB 2x3-FT	58.000 EACH	_____.	_____.
0340	SPV.0060 Special 06. Inlets GB 2.5-FT	24.000 EACH	_____.	_____.
0342	SPV.0060 Special 07. Inlets GB 4-FT	2.000 EACH	_____.	_____.
0344	SPV.0060 Special 08. Inlets GB 5-FT	1.000 EACH	_____.	_____.
0346	SPV.0060 Special 09. Inlets GB 7-FT	1.000 EACH	_____.	_____.
0348	SPV.0060 Special 10. Inlets GB 4x6-FT	2.000 EACH	_____.	_____.
0350	SPV.0060 Special 11. Manholes GB 4-FT	5.000 EACH	_____.	_____.
0352	SPV.0060 Special 12. Manholes GB 5-FT	4.000 EACH	_____.	_____.



Proposal Schedule of Items

Page 12 of 17

Proposal ID: 20190312038 Project(s): 4987-02-65

Federal ID(s): WISC 2019171

SECTION: 0001

Contract Items

Alt Set ID:

Alt Mbr ID:

Proposal Line Number	Item ID Description	Approximate Quantity and Units	Unit Price	Bid Amount
0354	SPV.0060 Special 13. Manholes GB 6-FT	6.000 EACH	_____.	_____.
0356	SPV.0060 Special 14. Manholes GB 7-FT	1.000 EACH	_____.	_____.
0358	SPV.0060 Special 15. Manholes GB 8-FT	4.000 EACH	_____.	_____.
0360	SPV.0060 Special 16. Storm Sewer Tap 24x10-Inch	1.000 EACH	_____.	_____.
0362	SPV.0060 Special 17. Storm Sewer Tap 24x12-Inch	5.000 EACH	_____.	_____.
0364	SPV.0060 Special 18. Storm Sewer Tap 36x12-Inch	2.000 EACH	_____.	_____.
0366	SPV.0060 Special 19. Storm Sewer Tap 42x12-Inch	4.000 EACH	_____.	_____.
0368	SPV.0060 Special 20. Storm Sewer Tap 54x12-Inch	3.000 EACH	_____.	_____.
0370	SPV.0060 Special 21. Storm Sewer Tap (19x30)x10-Inch	1.000 EACH	_____.	_____.
0372	SPV.0060 Special 22. Storm Sewer Tap (19x30)x12-Inch	13.000 EACH	_____.	_____.
0374	SPV.0060 Special 23. Storm Sewer Tap (24x38)x12-Inch	11.000 EACH	_____.	_____.
0376	SPV.0060 Special 24. Storm Sewer Tap (29x45)x12-Inch	10.000 EACH	_____.	_____.
0378	SPV.0060 Special 25. Storm Sewer Tap (34x53)x12-Inch	2.000 EACH	_____.	_____.
0380	SPV.0060 Special 26. Backflow Preventer	2.000 EACH	_____.	_____.
0382	SPV.0060 Special 27. Temporary Storm Sewer Connection	6.000 EACH	_____.	_____.



Proposal Schedule of Items

Page 13 of 17

Proposal ID: 20190312038 Project(s): 4987-02-65

Federal ID(s): WISC 2019171

SECTION: 0001

Contract Items

Alt Set ID:

Alt Mbr ID:

Proposal Line Number	Item ID Description	Approximate Quantity and Units	Unit Price	Bid Amount
0384	SPV.0060 Special 28. Install Inlet Covers	8.000 EACH	_____.	_____.
0386	SPV.0060 Special 29. Adjusting Sanitary Manhole Cover	23.000 EACH	_____.	_____.
0388	SPV.0060 Special 30. Adjusting Storm Sewer Manhole Covers	5.000 EACH	_____.	_____.
0390	SPV.0060 Special 31. Adjusting Inlet Covers	2.000 EACH	_____.	_____.
0392	SPV.0060 Special 32. Adjusting Water Valve Boxes	29.000 EACH	_____.	_____.
0394	SPV.0060 Special 33. Adjusting Water Curb Boxes	22.000 EACH	_____.	_____.
0396	SPV.0060 Special 34. Utility Line Openings	10.000 EACH	_____.	_____.
0398	SPV.0060 Special 35. Rotate Sanitary Manhole Cone	1.000 EACH	_____.	_____.
0400	SPV.0060 Special 36. Storm Sewer Tap Inlet	2.000 EACH	_____.	_____.
0402	SPV.0060 Special 37. Concrete Inlet Bottom Smith Street	2.000 EACH	_____.	_____.
0404	SPV.0060 Special 50. Pull Boxes Polymer Concrete 17x30x34 Inch	6.000 EACH	_____.	_____.
0406	SPV.0060 Special 51. Pull Boxes Polymer Concrete 24x36x36 Inch	4.000 EACH	_____.	_____.
0408	SPV.0060 Special 52. Concrete Bases Type 2 Special	45.000 EACH	_____.	_____.
0410	SPV.0060 Special 53. Concrete Bases Type 4 Special	4.000 EACH	_____.	_____.



Proposal Schedule of Items

Page 14 of 17

Proposal ID: 20190312038 Project(s): 4987-02-65

Federal ID(s): WISC 2019171

SECTION: 0001

Contract Items

Alt Set ID:

Alt Mbr ID:

Proposal Line Number	Item ID Description	Approximate Quantity and Units	Unit Price	Bid Amount
0412	SPV.0060 Special 54. Monotube Pole T4 With 40-FT Arm	3.000 EACH	_____.	_____.
0414	SPV.0060 Special 55. Monotube Pole T4 With 45-FT Arm	1.000 EACH	_____.	_____.
0416	SPV.0060 Special 56. Traffic Signal Controller	1.000 EACH	_____.	_____.
0418	SPV.0060 Special 57. Controller Cabinet 8-Phase TS-2 Ethernet	1.000 EACH	_____.	_____.
0420	SPV.0060 Special 58. Traffic Signal Ground Sleeve	1.000 EACH	_____.	_____.
0422	SPV.0060 Special 59. Pole Type 2 30-FT	45.000 EACH	_____.	_____.
0424	SPV.0060 Special 60. Luminaire Arm Special 6 ft	45.000 EACH	_____.	_____.
0426	SPV.0060 Special 61. Luminaire Roadway	49.000 EACH	_____.	_____.
0428	SPV.0060 Special 62. Electrical Service Meter Breaker Pedestal	2.000 EACH	_____.	_____.
0430	SPV.0060 Special 63. Street Light Photo Control 120 V	2.000 EACH	_____.	_____.
0432	SPV.0075 Special 01. Street Sweeping	50.000 HRS	_____.	_____.
0434	SPV.0085 Special 01. Low Maintenance Seed Mix	132.000 LB	_____.	_____.
0436	SPV.0090 Special 01. Concrete Curb and Gutter 18-Inch Type A Special	7,500.000 LF	_____.	_____.
0438	SPV.0090 Special 02. Concrete Curb and Gutter 24-Inch Type D	844.000 LF	_____.	_____.
0440	SPV.0090 Special 03. Concrete Curb and Gutter Integral HES 30-Inch Type D	315.000 LF	_____.	_____.



Proposal Schedule of Items

Page 15 of 17

Proposal ID: 20190312038 Project(s): 4987-02-65

Federal ID(s): WISC 2019171

SECTION: 0001

Contract Items

Alt Set ID:

Alt Mbr ID:

Proposal Line Number	Item ID Description	Approximate Quantity and Units	Unit Price	Bid Amount
0442	SPV.0090 Special 04. Storm Sewer Pipe PVC 8-Inch	5.000 LF	_____.	_____.
0444	SPV.0090 Special 05. Storm Sewer Pipe PVC 10-Inch	124.000 LF	_____.	_____.
0446	SPV.0090 Special 06. Storm Sewer Pipe Inlet Lead 12-Inch	2,406.000 LF	_____.	_____.
0448	SPV.0090 Special 07. Storm Sewer Laterals 6-Inch	1,150.000 LF	_____.	_____.
0450	SPV.0090 Special 08. Storm Sewer Laterals 12-Inch	100.000 LF	_____.	_____.
0452	SPV.0090 Special 09. Mini-Storm Sewer 6-Inch	30.000 LF	_____.	_____.
0454	SPV.0090 Special 10. Mini-Storm Sewer 8-Inch	10.000 LF	_____.	_____.
0456	SPV.0090 Special 11. Temporary Marking Stop Line Paint 24-Inch	55.000 LF	_____.	_____.
0458	SPV.0090 Special 12. Abandoning Storm Sewer 12-Inch	120.000 LF	_____.	_____.
0460	SPV.0090 Special 13. Abandoning Storm Sewer 21-Inch	76.000 LF	_____.	_____.
0462	SPV.0090 Special 14. Concrete Curb and Gutter 18-Inch Type D Special	60.000 LF	_____.	_____.
0464	SPV.0090 Special 15. Marking Crosswalk Epoxy transverse Line 12-Inch	655.000 LF	_____.	_____.
0466	SPV.0105 Special 01. Grading and Shaping Alley Turnaround Sta 17+55	LS	LUMP SUM	_____.
0468	SPV.0105 Special 02. Grading and Shaping Alley Turnaround Sta 21+61	LS	LUMP SUM	_____.



Proposal Schedule of Items

Page 16 of 17

Proposal ID: 20190312038 Project(s): 4987-02-65

Federal ID(s): WISC 2019171

SECTION: 0001

Contract Items

Alt Set ID:

Alt Mbr ID:

Proposal Line Number	Item ID Description	Approximate Quantity and Units	Unit Price	Bid Amount
0470	SPV.0105 Special 03. Grading and Shaping Alley Turnaround Sta 25+61	LS	LUMP SUM	_____.
0472	SPV.0105 Special 04. Grading and Shaping Alley Turnaround Sta 29+52	LS	LUMP SUM	_____.
0474	SPV.0105 Special 05. Grading and Shaping Alley Turnaround Sta 34+02	LS	LUMP SUM	_____.
0476	SPV.0105 Special 06. Grading and Shaping Alley Turnaround Sta 37+92	LS	LUMP SUM	_____.
0478	SPV.0105 Special 07. Grading and Shaping Alley Turnaround Sta 45+84	LS	LUMP SUM	_____.
0480	SPV.0105 Special 08. Vehicular Video Detection System 4-Camera (University Ave & Webster Ave)	LS	LUMP SUM	_____.
0482	SPV.0105 Special 09. Emergency Vehicle Preemption System (University Avenue & Webster Avenue)	LS	LUMP SUM	_____.
0484	SPV.0105 Special 10. Remove Traffic Signals (Webster Avenue and University Avenue)	LS	LUMP SUM	_____.
0486	SPV.0105 Special 11. Storm Sewer Manhole #3 Cast in Place Concrete	LS	LUMP SUM	_____.
0488	SPV.0165 Special 01. Concrete Sidewalk 8-Inch	6,635.000 SF	_____.	_____.
0490	SPV.0170 Special 01. Test Rolling	90.000 STA	_____.	_____.
0492	SPV.0195 Special 01. Cold Patch	10.000 TON	_____.	_____.
0494	SPV.0195 Special 02. 1.5-Inch Stone Cradle Storm Sewer	100.000 TON	_____.	_____.



Proposal Schedule of Items

Page 17 of 17

Proposal ID: 20190312038 Project(s): 4987-02-65

Federal ID(s): WISC 2019171

SECTION: 0001

Contract Items

Alt Set ID:

Alt Mbr ID:

Proposal Line Number	Item ID Description	Approximate Quantity and Units	Unit Price	Bid Amount
0496	SPV.0195 Special 03. 3-Inch Stone Cradle Storm Sewer	100.000 TON	_____.	_____.
0498	SPV.0195 Special 04. Sewer Stabilization Aggregate	100.000 TON	_____.	_____.
0500	644.1601.S Temporary Curb Ramp	16.000 EACH	_____.	_____.
Section: 0001			Total:	_____.
			Total Bid:	_____.



Wisconsin Department of Transportation

March 7, 2019

Division of Transportation Systems Development

Bureau of Project Development
4822 Madison Yards Way, 4th Floor South
Madison, WI 53705

Telephone: (608) 266-1631
Facsimile (FAX): (608) 266-8459

NOTICE TO ALL CONTRACTORS:

Proposal #38: 4987-02-71, WISC 2019 171
C Green Bay, Webster Ave
University Ave To Radisson St
LOC STR
Brown County

Letting of March 12, 2019

This is Addendum No. 02, which provides for the following:

Special Provisions:

Revised Special Provisions	
Article No.	Description
3	Prosecution and Progress
8	Staging

Schedule of Items:

Revised Bid Item Quantities					
Bid Item	Item Description	Unit	Old Quantity	Revised Quantity	Proposal Total
646.5020	Marking Arrow Epoxy	Each	10	36	46
646.5120	Marking Word Epoxy	Each	1	6	7
646.5220	Marking Symbol Epoxy	Each	41	-5	36

Plan Sheets:

Revised Plan Sheets	
Plan Sheet	Plan Sheet Title (brief description of changes to sheet)
138	Miscellaneous Quantities (Updates to the "Marking" table)

The responsibility for notifying potential subcontractors and suppliers of these changes remains with the prime contractor.

Sincerely,

Mike Coleman

Proposal Development Specialist
Proposal Management Section

ADDENDUM NO. 02

4987-02-71

March 7, 2019

Special Provisions

3. Prosecution and Progress.

Add the following:

Stage 2A and/or 2B cannot be started until September 3, 2019.

Stage 2A and/or 2B can be started while work is still being done under Stage 1A or Stage 1B as long as traffic requirements for Day Street as described in the staging section are met for Stage 2B during the University Avenue closure.

8. Staging.

*Add the following to section titled **Stage 2A:***

Wisconsin Central Limited Railroad is required by Office of Commissioner of Railroads (OCR) to have the crossing surface installed by October 7, 2019 and the new signals, bungalow, and gates by October 19, 2019. Coordinate with Wisconsin Central Limited Railroad for work in this stage.

At the completion of the crossing surface by Wisconsin Central Limited hauling of construction materials or equipment will not be allowed over the new surface for the remainder of the project.

*Add the following to section titled **Stage 2B:***

Wisconsin Central Limited Railroad is required by Office of Commissioner of Railroads (OCR) to have the crossing surface installed by October 7, 2019 and the new signals, bungalow, and gates by October 19, 2019. Coordinate with Wisconsin Central Limited Railroad for work in this stage.

At the completion of the crossing surface by Wisconsin Central Limited hauling of construction materials or equipment will not be allowed over the new surface for the remainder of the project.

Schedule of Items

Attached, dated March 7, 2019, are the revised Schedule of Items Page 8.

Plan Sheets

The following 8½ x 11-inch sheets are attached and made part of the plans for this proposal:

Revised: 138.

END OF ADDENDUM

PEDESTRIAN SIGNING SUMMARY

LOCATION	APPROXIMATE SERVICE DAYS	643.0410 BARRICADES TYPE II		643.0900 ★ SIGNS		COMMENTS
		NO. IN SERVICE	DAYS	NO. IN SERVICE	DAYS	
STAGE 1A	100	58	5800	58	5800	SEE CONSTRUCTION DETAILS AND STANDARD DETAIL DRAWING "PEDESTRIAN ACCOMMODATIONS"
STAGE 1B	20	53	1060	53	1060	SEE CONSTRUCTION DETAILS AND STANDARD DETAIL DRAWING "PEDESTRIAN ACCOMMODATIONS"
STAGE 2 (RAILROAD CLOSURE)	35	25	875	54	1890	SEE CONSTRUCTION DETAILS AND STANDARD DETAIL DRAWING "PEDESTRIAN ACCOMMODATIONS"
STAGE 3 (WEBSTER CLOSURE)	40	16	640	16	640	SEE CONSTRUCTION DETAILS AND STANDARD DETAIL DRAWING "PEDESTRIAN ACCOMMODATIONS"
STAGE 3 (UNIVERSITY CLOSURE)	14	12	168	12	168	SEE CONSTRUCTION DETAILS AND STANDARD DETAIL DRAWING "PEDESTRIAN ACCOMMODATIONS"
TOTALS			8,543		9,558	

★ QUANTITIES SHOWN ELSEWHERE

MARKING

STATION	TO	STATION	LOCATION	EPoxy YELLOW 4-INCH LF	EPoxy WHITE 4-INCH LF	EPoxy WHITE 8-INCH LF	ARROW	EPoxy	WORD	SYMBOL	RAILROAD CROSSING	EPoxy	18-INCH LF	DIAGONAL CROSSWALK	EPoxy	TRANSVERSE LINE 12-INCH LF	TRANSVERSE LINE 12-INCH LF	CURB	ISLAND NOSE	EPoxy	EPoxy	EPoxy
10+13.86	-	15+50	WEBSTER AVE NB	424	225	250	4	-	-	-	-	-	50	12	-	-	184	20	2	2	2	2
15+50	-	19+73	WEBSTER AVE NB	-	776	175	6	4	4	-	-	-	63	-	-	165	186	20	2	2	2	2
19+73	-	23+67	WEBSTER AVE NB	-	778	-	4	-	4	-	-	-	-	-	-	335	-	20	2	2	2	2
23+67	-	27+56	WEBSTER AVE NB	-	764	-	4	-	4	-	-	-	-	-	-	342	-	20	2	2	2	2
27+56	-	31+42	WEBSTER AVE NB	-	764	-	4	-	4	-	-	-	-	-	-	303	-	10	1	1	1	1
31+42	-	32+19	WEBSTER AVE NB	-	118	-	-	-	-	-	-	-	55	-	-	-	-	-	-	-	-	-
32+19	-	35+97	WEBSTER AVE NB	-	752	-	4	-	4	-	-	-	-	-	-	280	-	10	1	1	1	1
35+97	-	39+87	WEBSTER AVE NB	-	764	-	4	-	4	-	-	-	-	-	-	340	-	20	2	2	2	2
39+87	-	43+78	WEBSTER AVE NB	-	764	-	4	-	4	-	-	-	-	-	-	342	-	20	2	2	2	2
43+78	-	54+75	WEBSTER AVE NB	-	2,495	-	10	3	8	-	-	-	33	-	-	385	-	20	2	2	2	2
8+92.5	-	9+58	UNIVERSITY AVE EB	84	25	43	1	-	-	-	-	-	33	-	-	-	136	-	2	2	2	2
10+30	-	10+83	UNIVERSITY AVE EB	52	25	27	1	-	-	-	-	-	36	-	-	-	149	-	1	1	1	1
9+00	-	9+51	HARVEY ST	-	-	-	-	-	-	-	-	-	-	-	-	62	-	-	-	-	-	-
10+25	-	10+75	HARVEY ST	-	-	-	-	-	-	-	-	-	-	-	-	65	-	-	-	-	-	-
9+10	-	9+51	DAY ST	-	-	-	-	-	-	-	-	-	-	-	-	74	-	-	-	-	-	-
10+25	-	10+75	DAY ST	-	-	-	-	-	-	-	-	-	-	-	-	64	-	-	-	-	-	-
9+15	-	9+51	SMITH ST	-	-	-	-	-	-	-	-	-	-	-	-	73	-	-	-	-	-	-
10+25	-	10+53	SMITH ST	-	-	-	-	-	-	-	-	-	-	-	-	66	-	-	-	-	-	-
8+75	-	9+51	EASTMAN AVE EB	-	-	-	-	-	-	-	-	-	-	-	-	49	-	-	-	-	-	-
10+25	-	11+20	EASTMAN AVE EB	-	-	-	-	-	-	-	-	-	-	-	-	46	-	-	-	-	-	-
8+85	-	9+51	EASTMAN AVE WB	-	-	-	-	-	-	-	-	-	-	-	-	51	-	-	-	-	-	-
10+25	-	11+00	EASTMAN AVE WB	-	-	-	-	-	-	-	-	-	-	-	-	42	-	-	-	-	-	-
9+00	-	9+51	REBER ST	-	-	-	-	-	-	-	-	-	-	-	-	75	-	-	-	-	-	-
10+25	-	10+85	REBER ST	-	-	-	-	-	-	-	-	-	-	-	-	70	-	-	-	-	-	-
8+95	-	9+51	BERNER ST	-	-	-	-	-	-	-	-	-	-	-	-	76	-	-	-	-	-	-
10+25	-	10+85	BERNER ST	-	-	-	-	-	-	-	-	-	-	-	-	70	-	-	-	-	-	-
8+90	-	9+51	KLAUS ST	-	-	-	-	-	-	-	-	-	-	-	-	88	-	-	-	-	-	-
10+25	-	10+85	KLAUS ST	-	-	-	-	-	-	-	-	-	-	-	-	70	-	-	-	-	-	-
10+25	-	10+85	STAGING REPLACEMENT	-	100	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TOTALS				8,910	495	46	7	36	4	270	12	3,533	655	160	19							

ALL ITEMS ARE CATEGORY 0010 UNLESS OTHERWISE STATED

GEOTEXTILE AND GEOTEXTILE

STATION	TO	STATION	LOCATION	645.0140 GEOTEXTILE TYPE SAS SY	645.0220 GEOTEXTILE TYPE SR SY
17+50	-	19+35	WEBSTER AVE NB	-	1,500
28+00	-	31+59	WEBSTER AVE NB	-	2,810
32+19	-	35+97	WEBSTER AVE NB	-	2,950
35+97	-	39+87	WEBSTER AVE NB	-	2,715
UNDISTRIBUTED			WEBSTER AVE NB	-	1,025
UNDISTRIBUTED EBS AREAS			WEBSTER AVE NB	2,500	1,000
TOTALS				2,500	12,000

TEMPORARY MARKING REMOVABLE TAPE 4-INCH

LOCATION	649.0150 LF
STAGE 1	600
TOTALS	600

MARKING REMOVAL LINE

LOCATION	646.9010 WATER BLASTING 4-INCH LF
TRAFFIC CONTROL STAGE 1	150
TOTALS	150

Addendum No. 02
ID 4987-02-65
Revised Sheet 138
March 7, 2019

PROJECT NUMBER: 4987-02-65

HWY: WEBSTER AVE

COUNTY: BROWN

MISCELLANEOUS QUANTITIES

SHEET 138

E



Proposal Schedule of Items

Page 1 of 17

Proposal ID: 20190312038 Project(s): 4987-02-65

Federal ID(s): WISC 2019171

SECTION: 0001

Contract Items

Alt Set ID:

Alt Mbr ID:

Proposal Line Number	Item ID Description	Approximate Quantity and Units	Unit Price	Bid Amount
0002	201.0120 Clearing	885.000 ID	_____.	_____.
0004	201.0220 Grubbing	885.000 ID	_____.	_____.
0006	204.0100 Removing Pavement	30,040.000 SY	_____.	_____.
0008	204.0150 Removing Curb & Gutter	1,090.000 LF	_____.	_____.
0010	204.0155 Removing Concrete Sidewalk	4,100.000 SY	_____.	_____.
0012	204.0195 Removing Concrete Bases	10.000 EACH	_____.	_____.
0014	204.0210 Removing Manholes	20.000 EACH	_____.	_____.
0016	204.0220 Removing Inlets	59.000 EACH	_____.	_____.
0018	204.0245 Removing Storm Sewer (size) 01. 8-Inch to 12-Inch	3,110.000 LF	_____.	_____.
0020	204.0245 Removing Storm Sewer (size) 02. 15-Inch	735.000 LF	_____.	_____.
0022	204.0245 Removing Storm Sewer (size) 03. 18-Inch	540.000 LF	_____.	_____.
0024	204.0245 Removing Storm Sewer (size) 04. 21-Inch	80.000 LF	_____.	_____.
0026	204.0245 Removing Storm Sewer (size) 04. 24-Inch	245.000 LF	_____.	_____.
0028	204.0245 Removing Storm Sewer (size) 05. 30-Inch	435.000 LF	_____.	_____.
0030	204.0245 Removing Storm Sewer (size) 07. 48-Inch	260.000 LF	_____.	_____.



Proposal Schedule of Items

Page 2 of 17

Proposal ID: 20190312038 Project(s): 4987-02-65

Federal ID(s): WISC 2019171

SECTION: 0001

Contract Items

Alt Set ID:

Alt Mbr ID:

Proposal Line Number	Item ID Description	Approximate Quantity and Units	Unit Price	Bid Amount
0032	204.0280 Sealing Pipes	12.000 EACH	_____.	_____.
0034	205.0100 Excavation Common	38,000.000 CY	_____.	_____.
0036	213.0100 Finishing Roadway (project) 01. 4987-02-65	1.000 EACH	_____.	_____.
0038	305.0110 Base Aggregate Dense 3/4-Inch	10.000 TON	_____.	_____.
0040	305.0120 Base Aggregate Dense 1 1/4-Inch	18,185.000 TON	_____.	_____.
0042	305.0130 Base Aggregate Dense 3-Inch	17,500.000 TON	_____.	_____.
0044	405.0200 Coloring Concrete Custom	338.000 CY	_____.	_____.
0046	415.0085 Concrete Pavement 8 1/2-Inch	27,780.000 SY	_____.	_____.
0048	415.0210 Concrete Pavement Gaps	1.000 EACH	_____.	_____.
0050	415.1085 Concrete Pavement HES 8 1/2-Inch	2,280.000 SY	_____.	_____.
0052	415.4100 Concrete Pavement Joint Filling	32,320.000 SY	_____.	_____.
0054	415.5110.S Concrete Pavement Joint Layout	1.000 LS	_____.	_____.
0056	416.0160 Concrete Driveway 6-Inch	195.000 SY	_____.	_____.
0058	416.0180 Concrete Driveway 8-Inch	370.000 SY	_____.	_____.
0060	416.0280 Concrete Driveway HES 8-Inch	85.000 SY	_____.	_____.
0062	416.0610 Drilled Tie Bars	120.000 EACH	_____.	_____.



Proposal Schedule of Items

Page 3 of 17

Proposal ID: 20190312038 Project(s): 4987-02-65

Federal ID(s): WISC 2019171

SECTION: 0001

Contract Items

Alt Set ID:

Alt Mbr ID:

Proposal Line Number	Item ID Description	Approximate Quantity and Units	Unit Price	Bid Amount
0064	416.0620 Drilled Dowel Bars	250.000 EACH	_____.	_____.
0066	416.1010 Concrete Surface Drains	76.000 CY	_____.	_____.
0068	450.4000 HMA Cold Weather Paving	40.000 TON	_____.	_____.
0070	455.0605 Tack Coat	305.000 GAL	_____.	_____.
0072	460.2000 Incentive Density HMA Pavement	605.000 DOL	1.00000	605.00
0074	460.5224 HMA Pavement 4 LT 58-28 S	780.000 TON	_____.	_____.
0076	460.6223 HMA Pavement 3 MT 58-28 S	120.000 TON	_____.	_____.
0078	460.6224 HMA Pavement 4 MT 58-28 S	45.000 TON	_____.	_____.
0080	465.0105 Asphaltic Surface	735.000 TON	_____.	_____.
0082	465.0120 Asphaltic Surface Driveways and Field Entrances	45.000 TON	_____.	_____.
0084	465.0125 Asphaltic Surface Temporary	50.000 TON	_____.	_____.
0086	520.8000 Concrete Collars for Pipe	13.000 EACH	_____.	_____.
0088	601.0411 Concrete Curb & Gutter 30-Inch Type D	225.000 LF	_____.	_____.
0090	601.0452 Concrete Curb & Gutter Integral 30-Inch Type D	8,870.000 LF	_____.	_____.
0092	602.0405 Concrete Sidewalk 4-Inch	19,040.000 SF	_____.	_____.
0094	602.0515 Curb Ramp Detectable Warning Field Natural Patina	790.000 SF	_____.	_____.



Proposal Schedule of Items

Page 4 of 17

Proposal ID: 20190312038 Project(s): 4987-02-65

Federal ID(s): WISC 2019171

SECTION: 0001

Contract Items

Alt Set ID:

Alt Mbr ID:

Proposal Line Number	Item ID Description	Approximate Quantity and Units	Unit Price	Bid Amount
0096	602.0615 Curb Ramp Detectable Warning Field Radial Natural Patina	25.000 SF	_____.	_____.
0098	602.2400 Concrete Safety Islands	345.000 SF	_____.	_____.
0100	606.0200 Riprap Medium	19.000 CY	_____.	_____.
0102	608.0315 Storm Sewer Pipe Reinforced Concrete Class III 15-Inch	148.000 LF	_____.	_____.
0104	608.0324 Storm Sewer Pipe Reinforced Concrete Class III 24-Inch	413.000 LF	_____.	_____.
0106	608.0336 Storm Sewer Pipe Reinforced Concrete Class III 36-Inch	227.000 LF	_____.	_____.
0108	608.0342 Storm Sewer Pipe Reinforced Concrete Class III 42-Inch	323.000 LF	_____.	_____.
0110	608.0354 Storm Sewer Pipe Reinforced Concrete Class III 54-Inch	239.000 LF	_____.	_____.
0112	608.0412 Storm Sewer Pipe Reinforced Concrete Class IV 12-Inch	349.000 LF	_____.	_____.
0114	608.0418 Storm Sewer Pipe Reinforced Concrete Class IV 18-Inch	158.000 LF	_____.	_____.
0116	608.0424 Storm Sewer Pipe Reinforced Concrete Class IV 24-Inch	124.000 LF	_____.	_____.
0118	608.2319 Storm Sewer Pipe Reinforced Concrete Horizontal Elliptical Class HE-III 19x30-Inch	624.000 LF	_____.	_____.
0120	608.2324 Storm Sewer Pipe Reinforced Concrete Horizontal Elliptical Class HE-III 24x38-Inch	504.000 LF	_____.	_____.



Proposal Schedule of Items

Page 5 of 17

Proposal ID: 20190312038 Project(s): 4987-02-65

Federal ID(s): WISC 2019171

SECTION: 0001

Contract Items

Alt Set ID:

Alt Mbr ID:

Proposal Line Number	Item ID Description	Approximate Quantity and Units	Unit Price	Bid Amount
0122	608.2329 Storm Sewer Pipe Reinforced Concrete Horizontal Elliptical Class HE-III 29x45-Inch	473.000 LF	_____.	_____.
0124	608.2334 Storm Sewer Pipe Reinforced Concrete Horizontal Elliptical Class HE-III 34x53-Inch	71.000 LF	_____.	_____.
0126	608.2419 Storm Sewer Pipe Reinforced Concrete Horizontal Elliptical Class HE-IV 19x30-Inch	136.000 LF	_____.	_____.
0128	608.2424 Storm Sewer Pipe Reinforced Concrete Horizontal Elliptical Class HE-IV 24x38-Inch	283.000 LF	_____.	_____.
0130	608.2429 Storm Sewer Pipe Reinforced Concrete Horizontal Elliptical Class HE-IV 29x45-Inch	348.000 LF	_____.	_____.
0134	612.0406 Pipe Underdrain Wrapped 6-Inch	720.000 LF	_____.	_____.
0136	612.0902.S Insulation Board Polystyrene (inch) 01.2-Inch	100.000 SY	_____.	_____.
0138	619.1000 Mobilization	1.000 EACH	_____.	_____.
0140	620.0300 Concrete Median Sloped Nose	542.000 SF	_____.	_____.
0142	623.0200 Dust Control Surface Treatment	50,000.000 SY	_____.	_____.
0144	624.0100 Water	458.000 MGAL	_____.	_____.
0146	625.0100 Topsoil	23,000.000 SY	_____.	_____.
0148	627.0200 Mulching	2,500.000 SY	_____.	_____.



Proposal Schedule of Items

Page 6 of 17

Proposal ID: 20190312038 Project(s): 4987-02-65

Federal ID(s): WISC 2019171

SECTION: 0001

Contract Items

Alt Set ID:

Alt Mbr ID:

Proposal Line Number	Item ID Description	Approximate Quantity and Units	Unit Price	Bid Amount
0150	628.1504 Silt Fence	870.000 LF	_____.	_____.
0152	628.1520 Silt Fence Maintenance	1,740.000 LF	_____.	_____.
0154	628.1905 Mobilizations Erosion Control	10.000 EACH	_____.	_____.
0156	628.1910 Mobilizations Emergency Erosion Control	6.000 EACH	_____.	_____.
0158	628.2004 Erosion Mat Class I Type B	95.000 SY	_____.	_____.
0160	628.2006 Erosion Mat Urban Class I Type A	13,560.000 SY	_____.	_____.
0162	628.2037 Erosion Mat Class III Type C	95.000 SY	_____.	_____.
0164	628.7005 Inlet Protection Type A	100.000 EACH	_____.	_____.
0166	628.7010 Inlet Protection Type B	35.000 EACH	_____.	_____.
0168	628.7015 Inlet Protection Type C	60.000 EACH	_____.	_____.
0170	628.7020 Inlet Protection Type D	25.000 EACH	_____.	_____.
0172	628.7560 Tracking Pads	10.000 EACH	_____.	_____.
0174	629.0210 Fertilizer Type B	18.000 CWT	_____.	_____.
0176	630.0140 Seeding Mixture No. 40	108.000 LB	_____.	_____.
0178	630.0200 Seeding Temporary	50.000 LB	_____.	_____.
0180	631.0300 Sod Water	393.000 MGAL	_____.	_____.
0182	631.1000 Sod Lawn	9,500.000 SY	_____.	_____.



Proposal Schedule of Items

Page 7 of 17

Proposal ID: 20190312038 Project(s): 4987-02-65

Federal ID(s): WISC 2019171

SECTION: 0001

Contract Items

Alt Set ID:

Alt Mbr ID:

Proposal Line Number	Item ID Description	Approximate Quantity and Units	Unit Price	Bid Amount
0184	643.0300 Traffic Control Drums	25,805.000 DAY	_____.	_____.
0186	643.0410 Traffic Control Barricades Type II	8,543.000 DAY	_____.	_____.
0188	643.0420 Traffic Control Barricades Type III	15,516.000 DAY	_____.	_____.
0194	643.0705 Traffic Control Warning Lights Type A	28,206.000 DAY	_____.	_____.
0196	643.0715 Traffic Control Warning Lights Type C	4,837.000 DAY	_____.	_____.
0198	643.0800 Traffic Control Arrow Boards	80.000 DAY	_____.	_____.
0200	643.0900 Traffic Control Signs	26,053.000 DAY	_____.	_____.
0202	643.1000 Traffic Control Signs Fixed Message	171.000 SF	_____.	_____.
0204	643.1050 Traffic Control Signs PCMS	70.000 DAY	_____.	_____.
0206	643.5000 Traffic Control	1.000 EACH	_____.	_____.
0208	644.1410.S Temporary Pedestrian Surface Asphalt	4,500.000 SF	_____.	_____.
0212	645.0120 Geotextile Type HR	38.000 SY	_____.	_____.
0214	645.0130 Geotextile Type R	100.000 SY	_____.	_____.
0216	645.0140 Geotextile Type SAS	2,500.000 SY	_____.	_____.
0218	645.0220 Geogrid Type SR	12,000.000 SY	_____.	_____.
0220	646.1020 Marking Line Epoxy 4-Inch	8,910.000 LF	_____.	_____.
0222	646.3020 Marking Line Epoxy 8-Inch	495.000 LF	_____.	_____.



Proposal Schedule of Items

Page 8 of 17

Proposal ID: 20190312038 Project(s): 4987-02-65

Federal ID(s): WISC 2019171

SECTION: 0001

Contract Items

Alt Set ID:

Alt Mbr ID:

Proposal Line Number	Item ID Description	Approximate Quantity and Units	Unit Price	Bid Amount
0224	646.5020 Marking Arrow Epoxy	46.000 EACH	_____.	_____.
0226	646.5120 Marking Word Epoxy	7.000 EACH	_____.	_____.
0228	646.5220 Marking Symbol Epoxy	36.000 EACH	_____.	_____.
0230	646.5320 Marking Railroad Crossings Epoxy	4.000 EACH	_____.	_____.
0232	646.6120 Marking Stop Line Epoxy 18-Inch	270.000 LF	_____.	_____.
0234	646.7120 Marking Diagonal Epoxy 12-Inch	12.000 LF	_____.	_____.
0236	646.7420 Marking Crosswalk Epoxy Transverse Line 6-Inch	3,533.000 LF	_____.	_____.
0238	646.8120 Marking Curb Epoxy	160.000 LF	_____.	_____.
0240	646.8220 Marking Island Nose Epoxy	19.000 EACH	_____.	_____.
0242	646.9010 Marking Removal Line Water Blasting 4-Inch	150.000 LF	_____.	_____.
0248	649.0150 Temporary Marking Line Removable Tape 4-Inch	600.000 LF	_____.	_____.
0252	650.4000 Construction Staking Storm Sewer	106.000 EACH	_____.	_____.
0254	650.4500 Construction Staking Subgrade	10,104.000 LF	_____.	_____.
0256	650.5000 Construction Staking Base	622.000 LF	_____.	_____.
0258	650.5500 Construction Staking Curb Gutter and Curb & Gutter	1,163.000 LF	_____.	_____.



Proposal Schedule of Items

Page 9 of 17

Proposal ID: 20190312038 Project(s): 4987-02-65

Federal ID(s): WISC 2019171

SECTION: 0001

Contract Items

Alt Set ID:

Alt Mbr ID:

Proposal Line Number	Item ID Description	Approximate Quantity and Units	Unit Price	Bid Amount
0260	650.7000 Construction Staking Concrete Pavement	9,654.000 LF	_____.	_____.
0262	650.8500 Construction Staking Electrical Installations (project) 01. 4987-02-65	LS	LUMP SUM	_____.
0264	650.9910 Construction Staking Supplemental Control (project) 01. 4987-02-65	LS	LUMP SUM	_____.
0266	650.9920 Construction Staking Slope Stakes	10,104.000 LF	_____.	_____.
0268	652.0225 Conduit Rigid Nonmetallic Schedule 40 2-Inch	10,601.000 LF	_____.	_____.
0270	652.0235 Conduit Rigid Nonmetallic Schedule 40 3-Inch	1,160.000 LF	_____.	_____.
0272	653.0905 Removing Pull Boxes	6.000 EACH	_____.	_____.
0274	654.0101 Concrete Bases Type 1	8.000 EACH	_____.	_____.
0276	655.0230 Cable Traffic Signal 5-14 AWG	655.000 LF	_____.	_____.
0278	655.0240 Cable Traffic Signal 7-14 AWG	246.000 LF	_____.	_____.
0280	655.0260 Cable Traffic Signal 12-14 AWG	309.000 LF	_____.	_____.
0282	655.0270 Cable Traffic Signal 15-14 AWG	329.000 LF	_____.	_____.
0284	655.0290 Cable Traffic Signal 21-14 AWG	1,360.000 LF	_____.	_____.
0286	655.0320 Cable Type UF 2-10 AWG Grounded	1,767.000 LF	_____.	_____.
0288	655.0515 Electrical Wire Traffic Signals 10 AWG	1,155.000 LF	_____.	_____.



Proposal Schedule of Items

Page 10 of 17

Proposal ID: 20190312038 Project(s): 4987-02-65

Federal ID(s): WISC 2019171

SECTION: 0001

Contract Items

Alt Set ID:

Alt Mbr ID:

Proposal Line Number	Item ID Description	Approximate Quantity and Units	Unit Price	Bid Amount
0290	655.0610 Electrical Wire Lighting 12 AWG	8,676.000 LF	_____.	_____.
0292	655.0625 Electrical Wire Lighting 6 AWG	11,125.000 LF	_____.	_____.
0294	655.0630 Electrical Wire Lighting 4 AWG	32,335.000 LF	_____.	_____.
0296	655.0700 Loop Detector Lead In Cable	48.000 LF	_____.	_____.
0298	657.0100 Pedestal Bases	8.000 EACH	_____.	_____.
0300	657.0425 Traffic Signal Standards Aluminum 15-FT	4.000 EACH	_____.	_____.
0302	657.0430 Traffic Signal Standards Aluminum 10-FT	4.000 EACH	_____.	_____.
0304	658.0173 Traffic Signal Face 3S 12-Inch	12.000 EACH	_____.	_____.
0306	658.0174 Traffic Signal Face 4S 12-Inch	8.000 EACH	_____.	_____.
0308	658.0416 Pedestrian Signal Face 16-Inch	8.000 EACH	_____.	_____.
0310	658.0500 Pedestrian Push Buttons	8.000 EACH	_____.	_____.
0312	658.5069 Signal Mounting Hardware (location) 01. University Ave & Webster Ave	LS	LUMP SUM	_____.
0314	690.0150 Sawing Asphalt	739.000 LF	_____.	_____.
0316	690.0250 Sawing Concrete	994.000 LF	_____.	_____.
0318	715.0415 Incentive Strength Concrete Pavement	8,937.000 DOL	1.00000	8,937.00
0320	715.0710 Optimized Aggregate Gradation Incentive	27,037.000 DOL	1.00000	27,037.00



Proposal Schedule of Items

Page 11 of 17

Proposal ID: 20190312038 Project(s): 4987-02-65

Federal ID(s): WISC 2019171

SECTION: 0001

Contract Items

Alt Set ID:

Alt Mbr ID:

Proposal Line Number	Item ID Description	Approximate Quantity and Units	Unit Price	Bid Amount
0322	740.0440 Incentive IRI Ride	6,730.000 DOL	1.00000	6,730.00
0324	ASP.1T0A On-the-Job Training Apprentice at \$5.00/HR	2,100.000 HRS	5.00000	10,500.00
0326	ASP.1T0G On-the-Job Training Graduate at \$5.00/HR	2,400.000 HRS	5.00000	12,000.00
0328	SPV.0045 Special 01. Temporary Crosswalk Access	260.000 DAY	_____.	_____.
0330	SPV.0060 Special 01. Manhole Covers Type GB-J	22.000 EACH	_____.	_____.
0332	SPV.0060 Special 02. Inlet Covers Type GB-H	61.000 EACH	_____.	_____.
0334	SPV.0060 Special 03. Inlet Covers Type GB-C	23.000 EACH	_____.	_____.
0336	SPV.0060 Special 04. Inlet Covers Type GB-CSH	4.000 EACH	_____.	_____.
0338	SPV.0060 Special 05. Inlets GB 2x3-FT	58.000 EACH	_____.	_____.
0340	SPV.0060 Special 06. Inlets GB 2.5-FT	24.000 EACH	_____.	_____.
0342	SPV.0060 Special 07. Inlets GB 4-FT	2.000 EACH	_____.	_____.
0344	SPV.0060 Special 08. Inlets GB 5-FT	1.000 EACH	_____.	_____.
0346	SPV.0060 Special 09. Inlets GB 7-FT	1.000 EACH	_____.	_____.
0348	SPV.0060 Special 10. Inlets GB 4x6-FT	2.000 EACH	_____.	_____.
0350	SPV.0060 Special 11. Manholes GB 4-FT	5.000 EACH	_____.	_____.
0352	SPV.0060 Special 12. Manholes GB 5-FT	4.000 EACH	_____.	_____.



Proposal Schedule of Items

Page 12 of 17

Proposal ID: 20190312038 Project(s): 4987-02-65

Federal ID(s): WISC 2019171

SECTION: 0001

Contract Items

Alt Set ID:

Alt Mbr ID:

Proposal Line Number	Item ID Description	Approximate Quantity and Units	Unit Price	Bid Amount
0354	SPV.0060 Special 13. Manholes GB 6-FT	6.000 EACH	_____.	_____.
0356	SPV.0060 Special 14. Manholes GB 7-FT	1.000 EACH	_____.	_____.
0358	SPV.0060 Special 15. Manholes GB 8-FT	4.000 EACH	_____.	_____.
0360	SPV.0060 Special 16. Storm Sewer Tap 24x10-Inch	1.000 EACH	_____.	_____.
0362	SPV.0060 Special 17. Storm Sewer Tap 24x12-Inch	5.000 EACH	_____.	_____.
0364	SPV.0060 Special 18. Storm Sewer Tap 36x12-Inch	2.000 EACH	_____.	_____.
0366	SPV.0060 Special 19. Storm Sewer Tap 42x12-Inch	4.000 EACH	_____.	_____.
0368	SPV.0060 Special 20. Storm Sewer Tap 54x12-Inch	3.000 EACH	_____.	_____.
0370	SPV.0060 Special 21. Storm Sewer Tap (19x30)x10-Inch	1.000 EACH	_____.	_____.
0372	SPV.0060 Special 22. Storm Sewer Tap (19x30)x12-Inch	13.000 EACH	_____.	_____.
0374	SPV.0060 Special 23. Storm Sewer Tap (24x38)x12-Inch	11.000 EACH	_____.	_____.
0376	SPV.0060 Special 24. Storm Sewer Tap (29x45)x12-Inch	10.000 EACH	_____.	_____.
0378	SPV.0060 Special 25. Storm Sewer Tap (34x53)x12-Inch	2.000 EACH	_____.	_____.
0380	SPV.0060 Special 26. Backflow Preventer	2.000 EACH	_____.	_____.
0382	SPV.0060 Special 27. Temporary Storm Sewer Connection	6.000 EACH	_____.	_____.



Proposal Schedule of Items

Page 13 of 17

Proposal ID: 20190312038 Project(s): 4987-02-65

Federal ID(s): WISC 2019171

SECTION: 0001

Contract Items

Alt Set ID:

Alt Mbr ID:

Proposal Line Number	Item ID Description	Approximate Quantity and Units	Unit Price	Bid Amount
0384	SPV.0060 Special 28. Install Inlet Covers	8.000 EACH	_____.	_____.
0386	SPV.0060 Special 29. Adjusting Sanitary Manhole Cover	23.000 EACH	_____.	_____.
0388	SPV.0060 Special 30. Adjusting Storm Sewer Manhole Covers	5.000 EACH	_____.	_____.
0390	SPV.0060 Special 31. Adjusting Inlet Covers	2.000 EACH	_____.	_____.
0392	SPV.0060 Special 32. Adjusting Water Valve Boxes	29.000 EACH	_____.	_____.
0394	SPV.0060 Special 33. Adjusting Water Curb Boxes	22.000 EACH	_____.	_____.
0396	SPV.0060 Special 34. Utility Line Openings	10.000 EACH	_____.	_____.
0398	SPV.0060 Special 35. Rotate Sanitary Manhole Cone	1.000 EACH	_____.	_____.
0400	SPV.0060 Special 36. Storm Sewer Tap Inlet	2.000 EACH	_____.	_____.
0402	SPV.0060 Special 37. Concrete Inlet Bottom Smith Street	2.000 EACH	_____.	_____.
0404	SPV.0060 Special 50. Pull Boxes Polymer Concrete 17x30x34 Inch	6.000 EACH	_____.	_____.
0406	SPV.0060 Special 51. Pull Boxes Polymer Concrete 24x36x36 Inch	4.000 EACH	_____.	_____.
0408	SPV.0060 Special 52. Concrete Bases Type 2 Special	45.000 EACH	_____.	_____.
0410	SPV.0060 Special 53. Concrete Bases Type 4 Special	4.000 EACH	_____.	_____.



Proposal Schedule of Items

Page 14 of 17

Proposal ID: 20190312038 Project(s): 4987-02-65

Federal ID(s): WISC 2019171

SECTION: 0001

Contract Items

Alt Set ID:

Alt Mbr ID:

Proposal Line Number	Item ID Description	Approximate Quantity and Units	Unit Price	Bid Amount
0412	SPV.0060 Special 54. Monotube Pole T4 With 40-FT Arm	3.000 EACH	_____.	_____.
0414	SPV.0060 Special 55. Monotube Pole T4 With 45-FT Arm	1.000 EACH	_____.	_____.
0416	SPV.0060 Special 56. Traffic Signal Controller	1.000 EACH	_____.	_____.
0418	SPV.0060 Special 57. Controller Cabinet 8-Phase TS-2 Ethernet	1.000 EACH	_____.	_____.
0420	SPV.0060 Special 58. Traffic Signal Ground Sleeve	1.000 EACH	_____.	_____.
0422	SPV.0060 Special 59. Pole Type 2 30-FT	45.000 EACH	_____.	_____.
0424	SPV.0060 Special 60. Luminaire Arm Special 6 ft	45.000 EACH	_____.	_____.
0426	SPV.0060 Special 61. Luminaire Roadway	49.000 EACH	_____.	_____.
0428	SPV.0060 Special 62. Electrical Service Meter Breaker Pedestal	2.000 EACH	_____.	_____.
0430	SPV.0060 Special 63. Street Light Photo Control 120 V	2.000 EACH	_____.	_____.
0432	SPV.0075 Special 01. Street Sweeping	50.000 HRS	_____.	_____.
0434	SPV.0085 Special 01. Low Maintenance Seed Mix	132.000 LB	_____.	_____.
0436	SPV.0090 Special 01. Concrete Curb and Gutter 18-Inch Type A Special	7,500.000 LF	_____.	_____.
0438	SPV.0090 Special 02. Concrete Curb and Gutter 24-Inch Type D	844.000 LF	_____.	_____.
0440	SPV.0090 Special 03. Concrete Curb and Gutter Integral HES 30-Inch Type D	315.000 LF	_____.	_____.



Proposal Schedule of Items

Page 15 of 17

Proposal ID: 20190312038 Project(s): 4987-02-65

Federal ID(s): WISC 2019171

SECTION: 0001

Contract Items

Alt Set ID:

Alt Mbr ID:

Proposal Line Number	Item ID Description	Approximate Quantity and Units	Unit Price	Bid Amount
0442	SPV.0090 Special 04. Storm Sewer Pipe PVC 8-Inch	5.000 LF	_____.	_____.
0444	SPV.0090 Special 05. Storm Sewer Pipe PVC 10-Inch	124.000 LF	_____.	_____.
0446	SPV.0090 Special 06. Storm Sewer Pipe Inlet Lead 12-Inch	2,406.000 LF	_____.	_____.
0448	SPV.0090 Special 07. Storm Sewer Laterals 6-Inch	1,150.000 LF	_____.	_____.
0450	SPV.0090 Special 08. Storm Sewer Laterals 12-Inch	100.000 LF	_____.	_____.
0452	SPV.0090 Special 09. Mini-Storm Sewer 6-Inch	30.000 LF	_____.	_____.
0454	SPV.0090 Special 10. Mini-Storm Sewer 8-Inch	10.000 LF	_____.	_____.
0456	SPV.0090 Special 11. Temporary Marking Stop Line Paint 24-Inch	55.000 LF	_____.	_____.
0458	SPV.0090 Special 12. Abandoning Storm Sewer 12-Inch	120.000 LF	_____.	_____.
0460	SPV.0090 Special 13. Abandoning Storm Sewer 21-Inch	76.000 LF	_____.	_____.
0462	SPV.0090 Special 14. Concrete Curb and Gutter 18-Inch Type D Special	60.000 LF	_____.	_____.
0464	SPV.0090 Special 15. Marking Crosswalk Epoxy transverse Line 12-Inch	655.000 LF	_____.	_____.
0466	SPV.0105 Special 01. Grading and Shaping Alley Turnaround Sta 17+55	LS	LUMP SUM	_____.
0468	SPV.0105 Special 02. Grading and Shaping Alley Turnaround Sta 21+61	LS	LUMP SUM	_____.



Proposal Schedule of Items

Page 16 of 17

Proposal ID: 20190312038 Project(s): 4987-02-65

Federal ID(s): WISC 2019171

SECTION: 0001

Contract Items

Alt Set ID:

Alt Mbr ID:

Proposal Line Number	Item ID Description	Approximate Quantity and Units	Unit Price	Bid Amount
0470	SPV.0105 Special 03. Grading and Shaping Alley Turnaround Sta 25+61	LS	LUMP SUM	_____.
0472	SPV.0105 Special 04. Grading and Shaping Alley Turnaround Sta 29+52	LS	LUMP SUM	_____.
0474	SPV.0105 Special 05. Grading and Shaping Alley Turnaround Sta 34+02	LS	LUMP SUM	_____.
0476	SPV.0105 Special 06. Grading and Shaping Alley Turnaround Sta 37+92	LS	LUMP SUM	_____.
0478	SPV.0105 Special 07. Grading and Shaping Alley Turnaround Sta 45+84	LS	LUMP SUM	_____.
0480	SPV.0105 Special 08. Vehicular Video Detection System 4-Camera (University Ave & Webster Ave)	LS	LUMP SUM	_____.
0482	SPV.0105 Special 09. Emergency Vehicle Preemption System (University Avenue & Webster Avenue)	LS	LUMP SUM	_____.
0484	SPV.0105 Special 10. Remove Traffic Signals (Webster Avenue and University Avenue)	LS	LUMP SUM	_____.
0486	SPV.0105 Special 11. Storm Sewer Manhole #3 Cast in Place Concrete	LS	LUMP SUM	_____.
0488	SPV.0165 Special 01. Concrete Sidewalk 8-Inch	6,635.000 SF	_____.	_____.
0490	SPV.0170 Special 01. Test Rolling	90.000 STA	_____.	_____.
0492	SPV.0195 Special 01. Cold Patch	10.000 TON	_____.	_____.
0494	SPV.0195 Special 02. 1.5-Inch Stone Cradle Storm Sewer	100.000 TON	_____.	_____.



Proposal Schedule of Items

Page 17 of 17

Proposal ID: 20190312038 Project(s): 4987-02-65

Federal ID(s): WISC 2019171

SECTION: 0001

Contract Items

Alt Set ID:

Alt Mbr ID:

Proposal Line Number	Item ID Description	Approximate Quantity and Units	Unit Price	Bid Amount
0496	SPV.0195 Special 03. 3-Inch Stone Cradle Storm Sewer	100.000 TON	_____.	_____.
0498	SPV.0195 Special 04. Sewer Stabilization Aggregate	100.000 TON	_____.	_____.
0500	644.1601.S Temporary Curb Ramp	16.000 EACH	_____.	_____.
Section: 0001			Total:	_____.
			Total Bid:	_____.