



Wisconsin Department of Transportation

Division of Transportation Systems Development

Bureau of Project Development
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Madison, WI 53705

December 7, 2022

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NOTICE TO ALL CONTRACTORS:

Proposal #21: 1210-09-71, WISC 2023102
IH 41 – IH 43
IH 41 – IH 43
STH 172
Brown County

1210-11-71, WISC 2023103
Oneida – Green Bay
Airport Ent – IH 41
STH 172
Brown County

Letting of December 13, 2022

This is Addendum No. 01, which provides for the following:

Special Provisions:

Revised Special Provisions	
Article No.	Description
19	Native American Hiring Provision – Project 1210-11-71

Added Special Provisions	
Article No.	Description
55	Rapid Set Deck Repair
56	Concrete Joint and Crack Cleaning and Repair
57	Transverse Joint and Crack Plunge Milling and Patching
58	HMA Pavement Interlayer

Deleted Special Provisions	
Article No.	Description
24	Base Patching Asphaltic for HMA Interlayer 1210-11-71, Item 390.0501.S.01; HMA Pavement Interlayer, Item 460.4210.S
33	Concrete Masonry Deck Repair

Schedule of Items:

Revised Bid Item Quantities					
Bid Item	Item Description	Unit	Proposal Total Prior to Addendum	Proposal Quantity Change (-)	Proposal Total After Addendum
204.0105	Removing Concrete Pavement Butt Joints	SY	877	520	1,397
204.0115	Removing Asphaltic Surface Butt Joints	SY	998	5	1,003
204.0120	Removing Asphaltic Surface Milling	SY	349,270	19,910	369,180
204.9180.S	Removing Asphaltic Surface Milling Special	SY	5,011	98	5,109
415.0090	Concrete Pavement 9-Inch	SY	5,900	-3,480	2,420
455.0605	Tack Coat	GAL	70,096	-3,470	66,626
460.5224	HMA Pavement 4 LT 58-28 S	TON	33,907	-16,362	17,545
460.7224	HMA Pavement 4 HT 58-28 S	TON	17,641	18,047	35,688
460.7624	HMA Pavement SMA 58-28 V	TON	35,074	2,038	37,112
465.0105	Asphaltic Surface	TON	4,478	-3,588	890
603.8125	Concrete Barrier Temporary Precast Installed	LF	3925	520	4445
614.0905	Crash Cushions Temporary	EACH	8	1	9
643.0300	Traffic Control Drums	Days	463,805	870	464,675
643.0900	Traffic Control Signs	Days	76,345	390	76,735
643.3105	Temporary Marking Line Paint 4-Inch	LF	303,670	4,705	308,375
646.9000	Marking Removal Line 4-Inch	LF	26,710	1,965	28,675
646.9055	Marking Removal Line Grooved Contrast Permanent Tape 4-Inch	LF	1,610	40	1,650

Added Bid Item Quantities					
Bid Item	Item Description	Unit	Proposal Total Prior to Addendum	Quantity Added	Proposal Total After Addendum
465.0125	Asphaltic Surface Temporary	TON	0	80	80
SPV.0035.01	Rapid Set Deck Repair	CY	0	6	6
SPV.0090.04	Transverse Joint and Crack Plunge Milling and Patching	LF	0	35,310	35,310
SPV.0195.01	HMA Pavement Interlayer	TON	0	5,268	5,268

Deleted Bid Item Quantities					
Bid Item	Item Description	Unit	Proposal Total Prior to Addendum	Proposal Quantity Change (-)	Proposal Total After Addendum
390.0501.S	Base Patching Asphaltic for HMA Interlayer	EACH	1	-1	0
460.4210.S	HMA Pavement Interlayer	TON	5,214	-5,214	0
460.6224	HMA Pavement 4 MT 58-28 S	TON	1,795	-1,795	0
509.2100.S	Concrete Masonry Deck Repair	CY	6	-6	0

Plan Sheets:

Revised Plan Sheets 1210-09-71	
Plan Sheet	Plan Sheet Title (brief description of changes to sheet)
7, 15-23	Typical Sections (changes in pavement mixes)
28	Construction Detail (change to special milling under bridges)
32-33	Construction Detail (added detail for Concrete Joint Crack Cleaning and Repair, change to culvert replacement detail)
142-143	Traffic Control Stage 2B (change to staging layout)
172, 175, 181, 190, 192-193	MQ Sheets (changes to various bid items)
412-413	Structures (changes to bid item)
435	Structure B-05-181 (changes to bid item)

Revised Plan Sheets 1210-09-71	
Plan Sheet	Plan Sheet Title (brief description of changes to sheet)
10-11, 13, 15	Typical Sections (changes in pavement mixes)
19, 22	Construction Detail (change to butt joint details and culvert replacement detail)
81, 84, 86	MQ Sheets (changes to various bid items)

Added Plan Sheets 1210-09-71	
Plan Sheet	Plan Sheet Title (brief description of why sheet was added)
152A-152B	Traffic Control Stage 2C (added sheets based on stage 2B changes)

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

1210-09-71

December 8, 2022

Special Provisions

19. Native American Hiring Provision – Project 1210-11-71

Replace paragraph 2 with the following:

Jeanette Ninham
N7210 Seminary Road, Oneida, Wisconsin 54155
Office: (920) 869-1059 x 2016
Email: Jninham1@oneidanation.org

24. DELETED

33. DELETED

55. Rapid Set Deck Repair, Item SPV.0035.10.

A Description

This special provision describes furnishing, placing and curing a rapid setting non-shrink patch material on the sawed deck preparation areas of the concrete bridge deck. Perform the work conforming to standard spec 509.

B Materials

B.1 Patching Materials

Furnish a rapid setting non-shrink material designed for repairing concrete decks from the department's Approved Products List for "Rapid Setting Concrete Patch Material". The material shall be capable of obtaining a minimum compressive strength of 3000 psi within 3 hours. The patch material must be compatible with the existing concrete deck, reinforcing steel, and the polymer or asphalt overlay product (if applicable); and have a proven record of at least five successful applications in climates similar to Wisconsin. The use of chloride accelerators or other corrosion inducing products is prohibited.

A minimum of ten working days prior to construction, submit the manufacturer's product data sheets, material sources, mix designs, and supporting performance documentation to the engineer for approval.

B.2 Materials Quality Control Testing

For projects that allow 3 hours or more of cure time prior to opening to traffic, submit certified test results from an independent lab showing that the patch material can obtain 3000 psi within 3 hours of placement under the same curing conditions as the project.

For projects that require bridge decks to be open to traffic with less than 3 hours of cure time, perform quality control testing. For material extended with aggregates, perform cylinder breaks per ASTM C39. Make a minimum of two compressive strength test cylinders per shift per batch plant and cure under the same conditions as the deck patches. For material not using coarse aggregates, perform cube breaks per ASTM C109. Make a minimum of two compressive strength test cubes per shift per batch plant and cure under the same conditions as the deck patches. Provide test results to the engineer showing 3000 psi strength is obtained prior to opening the bridge deck to traffic.

For projects requiring ASTM C39 or ASTM C109 testing, furnish a department-certified mobile laboratory to perform the testing.

C Construction

Clean and prepare the area to be patched per the manufacturer's recommendations and as follows. After sawed deck preparation work is complete, blast clean the area and any exposed reinforcing steel. Thoroughly clean the surface upon which the new patch material is to be placed by brooming and using air pressure to remove all loose particles and dust. Apply a bonding agent, as necessary and as recommend by the patch material manufacturer, to surfaces to be covered by patch material.

Place patch material to produce plane surfaces that conform to the grade and elevation of the adjoining surfaces. Where a polymer or asphalt overlay will not be placed over the patch, finish the surface by tining or applying exposed angular aggregate as approved by the engineer. Where a polymer or asphalt overlay will be placed over the patch, shotblast the patch in the same fashion as the remainder of the bridge deck.

D Measurement

The department will measure Rapid Set Deck Repair in volume by the cubic yard acceptably completed.

E Payment

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

ITEM NUMBER	DESCRIPTION	UNIT
SPV.0035.10	Rapid Set Deck Repair	CY

Payment for Rapid Set Deck Repair is full compensation for furnishing, hauling, preparing, placing, finishing, curing, and protecting all materials; and for materials quality control testing.

56. Concrete Joint and Crack Cleaning and Repair, Item SPV.0090.03

A Description

This special provision describes removing loose or spalled concrete and asphalt patching, cleaning joints and cracks, and filling with asphaltic surface, prior to installing an asphaltic overlay.

B Materials

Furnish asphaltic mixture as specified for asphaltic surface under standard spec 465.2.

Furnish tack coat as specified for tack coat under standard spec 455.2.5.

C Construction

Prepare the existing concrete per standard spec 211.3.5.4 and as indicated in the plans. Blow out repair areas with 80 psi minimum compressed air immediately prior to applying tack coat. Compact the asphalt mixture per standard spec 450.3.2.6.1

D Measurement

The department will measure Concrete Joint and Crack Cleaning and Repair by the linear foot, per lane, acceptably completed. Lane includes adjacent gutters and concrete shoulders less than or equal to 5-foot in width.

E Payment

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

ITEM NUMBER	DESCRIPTION	UNIT
SPV.0090.03	Concrete Joint and Crack Cleaning and Repair	LF

Payment is full compensation for removing and disposing of all loose or spalled concrete and asphalt patching; for cleaning joints and cracks; for furnishing asphaltic materials for filling joints and cracks including asphaltic surface; and tack coat.

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57. Transverse Joint and Crack Plunge Milling and Patching, SPV.0090.04.

A Description

This special provision describes plunge milling transverse joints and cracks, and partial depth patching of those joints with an asphaltic surface mixture in preparation for overlaying the pavement with an HMA interlayer.

B Materials

Furnish a No. 4 or No. 5 asphaltic surface patching mixture conforming to standard spec 465.2.

C Construction

- (1) Unless the contract provides otherwise, keep the road open to traffic during construction. If possible, restrict operations to one lane at a time. Perform work to cause the least possible inconvenience to traffic.
- (2) Repair transverse joints at locations the plans show, or the engineer directs in the field. Plunge mill transverse joints with loose concrete or concrete developing spalling 2 inches from the opposing joint face or wider to a minimum depth of 2 inches and a maximum depth of 1/3 the concrete thickness, unless otherwise directed by the engineer. Remove the pavement without injury to the remaining pavement. Dispose of remove material as specified in standard spec 204.3.1.3.
- (3) Before filling plunge milled areas with asphaltic base patch, clean the surface and apply tack coat according to standard spec 455.3.2.
- (4) Fill plunge milled areas with asphaltic base patch conforming to the materials section herein. Compact the mixture to produce a dense smooth surface using ordinary compaction as specified in 450.3.2.6. Roll the top layer until flush with the adjacent surface. Patching material that extends more than 1/4 inch above the milled surface shall be corrected before the leveling layer or Interlayer is placed. Do not open patches to traffic until they are hard enough to prevent rutting or displacement.

D Measurement

The department will measure Transverse Joint and Crack Plunge Milling and Patching by the linear foot along transverse joints and cracks, 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.0090.04	Transverse Joint and Crack Plunge Milling and Patching	LF

Payment is full compensation for plunge milling, disposal of millings, and for furnishing asphaltic material for filling the joints and cracks.

58. HMA Pavement Interlayer, Item SPV.0195.01

A Description

Conform to standard spec 390, 450 and 460 except as modified in this special provision.

Replace standard spec 460.1 with the following to describe Interlayer:

- (1) This section describes HMA mixture design for Interlayer applications, providing and maintaining a quality management program for HMA mixtures and constructing Interlayers. Unless specifically indicated otherwise, references within 460 to HMA also apply to Interlayers.

B Materials

Replace standard spec 460.2.2.1(1) with the following to specify that all aggregates used in Interlayer mixes are from department-approved sources:

(1) Provide all aggregates used in the Interlayer mix from a department-approved source as specified under standard spec 106.3.4.2. Obtain the engineer's approval of the aggregates before producing HMA mixtures.

Replace standard spec table 460-1 with the following to specify gradation master range and additional sieves for interlayer mixtures:

TABLE 460-1 AGGREGATE GRADATION MASTER RANGE AND VMA REQUIREMENTS

Sieve	% PASSING DESIGNATED SIEVES
	NOMINAL SIZE
9.5-mm	100
4.75-mm	80 - 100
2.36-mm	60 - 85
1.18-mm	40 - 70
0.60-mm	25 - 55
0.30-mm	15 - 35
0.15-mm	8 - 20
0.075-mm	6 - 14
% MINIMUM VMA	16.0

Replace standard spec 460.2.3 with the following to specify asphalt binders to be used:

(1) Furnish PG 58-34 asphalt binder with a designation of V (Very Heavy) or E (Extremely Heavy) as necessary to satisfy the Flexural Beam Fatigue Test (AASHTO T321) requirement of table 460-2 as modified herein. Do not change the PG binder grade without the engineer's written approval. The department will designate the grade of modified asphaltic binder in the contract.

Replace standard spec 460.2.5 with the following to describe Recycled Asphaltic Material use in Interlayers:

(1) No recycled asphaltic materials (FRAP, RAP, and RAS) shall be permitted in Interlayer mixtures.

Replace standard spec 460.2.7 with the following to specify design limits and requirements for Interlayer mixtures.

(1) For each HMA mixture type used under the contract, develop and submit an asphaltic mixture design according to CMM 866 and conforming to the requirements of table 460-1 and table 460-2 as modified herein. The department will review mixture designs and report the results of that review to the designer according to CMM 866.

(2) For each asphaltic mixture design, conduct Hamburg Wheel-Track testing according to AASHTO T324 as modified in CMM 836.6.10.1 and indirect tensile cracking test at intermediate temperature (CT-Index) according to ASTM D8225 as modified in CMM 836.6.10.2. Submit test results to the department with mix design submittal.

TABLE 460-2 MIXTURE REQUIREMENTS

Mixture type	Interlayer
LA Wear (AASHTO T96)	13

Mixture type	Interlayer
500 revolutions(max % loss)	40
Soundness (AASHTO T104) (sodium sulfate, max % loss)	12
Freeze/Thaw (AASHTO T103) (specified counties, max % loss)	15
Fractured Faces (ASTM 5821) (one face/2 face, % by count)	75/60
Flat & Elongated (ASTM D4791) (max %, by weight)	5 (5:1 ratio)
Fine Aggregate Angularity (AASHTO T304, method A, min)	45
Sand Equivalency (AASHTO T176, min)	40
Clay Lumps and Friable Particle in Aggregate (AASHTO T112)	<= 1%
Plasticity Index of Material Added to Mix Design as Mineral Filler (AASHTO T89/90)	<= 4
Gyrations for Ndes	50
Air Voids, %Va (%Gmm Ndes)	2.0 (98.0)
Dust to Binder Ratio (% passing 0.075mm/Pbe)	0.8 - 1.6
Voids filled with Binder (VFB or VFA, %)	70 - 95
Flexural Beam Fatigue Test, average cycles (AASHTO T321) ^{[1](2)}	>100,000

^[1] The failure criterion for the Flexural Beam Fatigue Test (AASHTO T321) is 50% of the initial flexural stiffness measured at the 200th load cycle at 2,000 microstrain. Test two samples and average the two results for each mix design.

^[2] Age laboratory prepared mixtures according to AASHTO R30 Section 7.1 (Mixture Conditioning for Volumetric Mixture Design) as modified in CMM 836.6.10.3.

Replace standard spec 460.2.8.2.1.5 with the following to update JMF and warning limits for Interlayers:

(1) Conform to the following control limits for the JMF and warning limits based on a running average of the last 4 data points:

ITEM	JMF LIMITS	WARNING LIMITS
Percent passing given sieve:		
4.75-mm	+/- 5.0	+/- 4.0
2.36-mm	+/- 5.0	+/- 4.0
1.18-mm	+/- 4.0	+/- 3.0

0.60-mm	+/- 4.0	+/- 3.0
0.30 mm	+/- 4.0	+/- 3.0
0.15 mm	+/- 4.0	+/- 3.0
0.075-mm	+/- 2.0	+/- 1.5
Asphaltic content in percent	- 0.3	- 0.2
Air voids in percent	+/- 1.0	+/- 0.8
VMA in percent ^[1]	- 0.5	- 0.2

^[1] VMA limits based on minimum requirement for mix design nominal maximum aggregate size in table 460-1.

- (2) Warning bands are defined as the area between the JMF limits and the warning limits.

C Construction

Replace standard spec 450.3.2.1.1 with the following to specify minimum paving temperature:

- (1) Only place Interlayer asphaltic mixture when the air temperature approximately 3 feet above grade, in shade, and away from artificial heat sources is at least 50° F and the forecast is for rising temperatures. Place HMA pavement for projects in the northern asphalt zone between May 1 and October 15 inclusive and for projects in the southern asphalt zone between April 15 and November 1 inclusive. CMM 4-53 figure 2 defines asphalt zones. Notify the engineer at least one business day before paving.
- (2) Unless the contract specifies otherwise, conform to the following:
- Keep the road open to all traffic during construction.
 - Prepare the existing foundation for treatment as specified in standard spec 211.
 - Incorporate loose roadbed aggregate as a part of preparing the foundation, in shoulder construction, or dispose of as the engineer approves.
- (3) Place asphaltic mixture only on an existing pavement free of loose and foreign material. Do not place over frozen pavement, or where the roadbed is unstable.
- (4) The surface shall be dry for at least 24 hours, and clean, prior to placement of the mixture. Work shall not begin when local conditions indicate rain is imminent.

Delete standard spec 450.3.2.1.2 to eliminate cold weather paving operations for Interlayer pavement.

Replace standard spec 455.3.2.1 with the following to specify Interlayer tack coat application requirements:

- (1) Apply tack coat only when the air temperature is 45° F or more unless the engineer approves otherwise in writing. Before applying tack coat ensure that the surface is reasonably free of loose dirt, dust, or other foreign matter. Do not apply to surfaces with standing water. Do not apply if weather or surface conditions are unfavorable or before impending rains.
- (2) Use tack material of the type and grade the contract specifies. The contractor may, with the engineer's approval, dilute tack material as allowed under standard spec 455.2.4. Provide calculations using the asphalt content as-received from the supplier and subsequent contractor dilutions to show that as-placed material has 50 percent or more residual asphalt content. Apply at 0.070 to 0.100 gallons per square yard, after dilution, unless the contract designates otherwise. The engineer may adjust the application rate based on surface conditions. Limit application each day to the area the contractor expects to pave during that day.

Replace standard spec 450.3.2.6.3 to specify compaction roller pattern determined by growth curve and subsequent coring for Interlayer mixes:

- (1) Compact Interlayer mix using the roller pattern established during construction of a control strip. Use 2 or more rollers per paver if placing more than approximately 165 tons of mixture per hour.
- (2) On the first day of production, construct a control strip under the direct observation of department personnel. After compacting the control strip with a minimum of 3 passes, mark the gauge outline and take a

one-minute wet density measurement using a nuclear density gauge in back scatter mode at a single location. Take a density measurement at the same location after each subsequent pass. Continue compacting and testing until the increase in density is less than 1 pcf for 3 consecutive passes. Submit the final roller pattern to the engineer in writing. Once the roller pattern is established do not change the pattern or decrease the number, type, or weight of rollers without the engineer's written approval.

(3) After establishing the roller pattern, and under the direct observation of the engineer, cut at least one 4- of 6-inch diameter or larger core from the control strip density gauge outline. Prepare cores and determine density according to AASHTO T166 as modified in CMM 836.6.5. Dry cores after testing. Fill core holes and obtain engineer approval before opening to traffic. The department will maintain custody of cores throughout the entire sampling and testing process. The department will label cores, transport cores to testing facilities, witness testing, store dried cores, and provide subsequent verification testing.

(4) Collect 1 nonrandom three-part mix volumetric sample during construction of the control strip to be tested by the contractor with one split provided to the department. This contractor's test will be recorded on the control charts and the Gmm from this split sample will be used to determine the core density. If contractor test results for this split sample are not within the JMF limits presented in standard spec 460.2.8.2.1.5, as modified herein, take immediate corrective action.

(5) A minimum of one core per 3,000 lane feet or one per day will be collected and tested for density by the contractor. Add one core for each additional 3,000 lane feet or portion thereof per day. Report core density results to the engineer and BTS daily. The density of each sample during production will be determined by dividing the bulk specific gravity of each core sample by the four-point running average maximum specific gravity (Gmm according to CMM 8.36.6.6) from the previous day's production.

Replace standard spec 460.2.8.2.1.7(7) to further define conforming material and pay reduction based on individual test results for Interlayer mixes:

(7) If the air voids running average of 4 exceeds the JMF limits, the material is nonconforming. Remove and replace unacceptable material. The engineer will determine the quantity of material to replace based on the testing data using the methods in CMM 836 and an inspection of the completed pavement. If the engineer allows the mixture to remain in place, the department will pay for the mixture and asphaltic material as specified in standard spec 460.5.2.1, as modified herein. For Interlayer mix types, if one QC air voids test falls outside of the JMF limits, notify the department and consider corrective action. If two or more individual QC air voids tests within the four-point running average exceed the JMF limits, the material is nonconforming and subject to pay adjustment as specified in standard spec 460.5.2.1.

Replace standard spec 460.2.8.3.1.6 with the following to specify volumetric verification requirements:

(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:

- Va is within a range of 1.0 to 3.0 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.

(2) If QV test results are outside the specified limits, the engineer will investigate immediately through dispute resolution procedures. The engineer may stop production while the investigation is in progress if the potential for a pavement failure is present.

(3) If production continues for that mixture design, the engineer will provide additional retained sample testing at the frequency provided for in CMM 836. This supplemental testing will continue until the material meets allowable differences or as the engineer and contractor mutually agree.

Replace standard spec 460.3.1 with the following to remove standard bid item encoding:

(1) Construct Interlayer pavement of the type the bid item indicates encoded as follows:

HMA Pavement Interlayer

- (2) Construct HMA pavement conforming to the general provisions of standard spec 450.3.

Replace standard spec 460.3.2 with the following to specify Interlayer plan thickness:

- (1) Provide the plan thickness for Interlayer mixtures at 1.0 inch.

Replace standard spec 460.3.3.1 and 460.3.3.2 with the following to specify density requirements for Interlayers:

- (1) Compact Interlayer mixture according to standard spec 450.3.2.6.3, as modified herein.

Delete standard spec 460.5.2.2 and 460.5.2.3 to remove density incentives and disincentives for Interlayer pavement.

D Measurement

Replace standard spec 460.4 with the following:

- (1) The department will measure the HMA Pavement Interlayer bid items, acceptably completed by the ton, as specified in standard spec 450.4.

E Payment

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

ITEM NUMBER	DESCRIPTION	UNIT
SPV.0195.01	HMA Pavement Interlayer	TON

- (2) Payment for HMA Pavement Interlayer is full compensation for providing mixture designs; for preparing foundation; for performance testing, for volumetric and density testing and aggregate source testing; for establishing the compaction roller pattern; for asphalt binder modification or processes, and addition of fibers, fines, or filler.

- (3) Material placed in the lower layer of the reference section will be paid with the same bid item as the surface mix unless the surface mix is SMA. If the surface mix is SMA an alternative mix type with a No. 4 or No. 5 gradation will be used as the lower layer for the control strip.

Replace standard spec 460.5.2.1 with the following to modify mixture pay adjustments for Interlayer pavements:

- (1) The department will pay for the HMA Interlayer bid items at the contract unit price subject to one or more of the following adjustments:
- Reduced payment for nonconforming QMP HMA mixtures as specified in standard spec 460.2.8.2.1.7, as modified herein.
- (2) Payment for the HMA Pavement bid items is full compensation for providing HMA pavement including binder; for mixture design; for preparing the foundation; and for QMP and aggregate source testing.
- (3) If provided for in the plan quantities, the department will pay for a leveling layer, placed to correct irregularities in an existing paved surface before overlaying, under the pertinent paving bid item. Absent a plan quantity, the department will pay for a leveling layer as extra work.
- (4) The department will administer pay reduction for nonconforming QMP mixture under the Nonconforming QMP HMA Mixture administrative item. The department will reduce pay based on the contract unit price for the HMA Pavement bid item.
- (5) The department will reduce pay for nonconforming QMP HMA mixtures as specified in standard spec 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:

ITEM	PAYMENT FOR MIXTURE ^{[1] [3] [4]}	
	PRODUCED WITHIN WARNING BANDS	PRODUCED OUTSIDE JMF LIMITS
Gradation	90%	75%
Asphalt Content ^[5]	—	—
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 836.

^[2] If Interlayer material is nonconforming for air voids as defined in standard spec 460.2.8.2.1.7(7) as modified herein, the department will pay 80% of the contract unit price for the material from the individual point(s) where a test is outside the JMF limit until another individual QV or QC test is within the JMF limits.

^[3] 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 under standard spec 460.2.8.3.1.7, or is nonconforming for air voids as defined in standard spec 460.2.8.2.1.7(7) as modified herein, the department will apply the single pay adjustment resulting in the lowest percent pay.

^[4] 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.

^[5] 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 standard spec 460.2.8.2.1.7.

(6) When using CMM 836 for QV dispute resolution of HMA Pavement Interlayer material apply the following:

- Interlayer 100% pay requires: $V_a = 1.0 - 3.0\%$, VMA below minimum $\leq 0.5\%$, and AC% below JMF $\leq 0.3\%$.

Interlayer Prorated Pay Factors (between 50 and 100% pay) are as follows:

Description	Criteria	Pay Factor
High Air Voids Pay Factor	$3.0\% < V_a \leq 3.5$	$= 100 * [1 - (V_a - 3.0)]$
Low Air Voids Pay Factor	$0.5\% \leq V_a < 1.0\%$	$= 100 * [1 - (1.0 - V_a)]$
Low VMA Pay Factor	$0.5\% < VMA \text{ below min} \leq 1.0\%$	$= 100 * [1 - (\text{percent below min.} - 0.5)]$
Low AC% Pay Factor	$0.3\% < AC \text{ below JMF} < 0.5\%$	$= 75$

If during a QV dispute resolution investigation, the department discovers unacceptable mixture defined by one or more of the following:

- V_a less than 0.5 or greater than 3.5 percent.
- VMA more than 1.0 percent 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.

(7) Restore the surface after cutting density samples as specified in standard spec 460.3.3.1(1) and standard spec 460.3.3.2(4) at no additional cost to the department.

Schedule of Items

Attached, dated December 8, 2022, are the revised Schedule of Items Pages 1 – 20.

Plan Sheets 1210-09-71

The following 8½ x 11-inch sheets are attached and made part of the plans for this proposal:

Revised: 7, 15-23, 28, 33, 142-143, 172, 175, 181, 190, 192-193, 412-413, 435

Added: 152A and 152B

Plan Sheets 1210-11-71

The following 8½ x 11-inch sheets are attached and made part of the plans for this proposal:

Revised: 10-11, 13, 15, 22, 81, 84, 86

END OF ADDENDUM

PROJECT NO: 1210-09-71 HWY: STH 172 COUNTY: BROWN TYPICAL SECTIONS SHEET 7 E

FILE NAME: C:\2021\02109- WISDOT STH 172\CM\310\12109000\SHETS\PLAN\023001-TS.DWG LAYOUT NAME: 00304-5
 PLOT DATE: 12/8/2022 2:08 PM PLOT NAME: CHD EVER
 PLOT SCALE: 1/8"=10'

NOTES

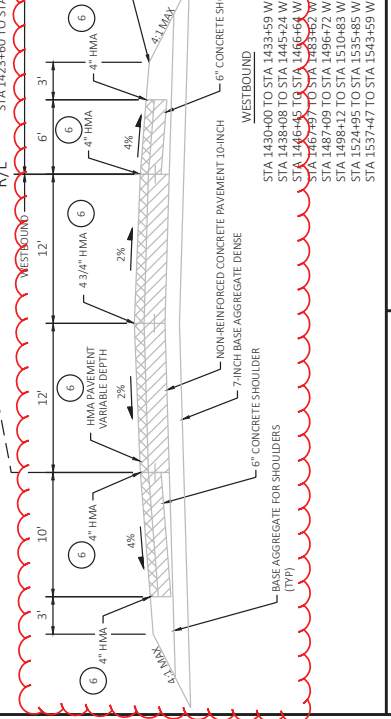
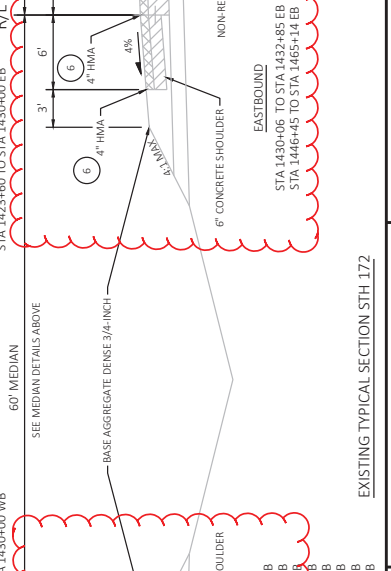
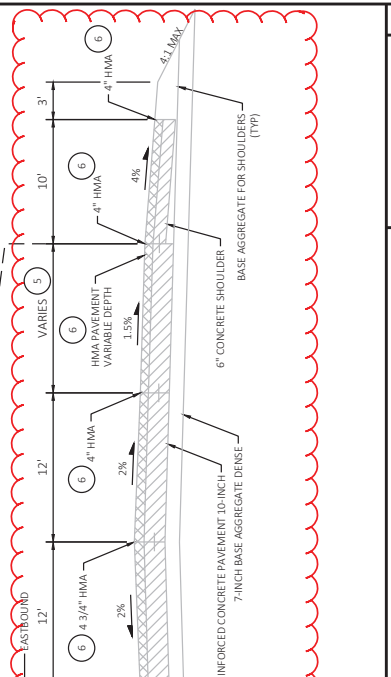
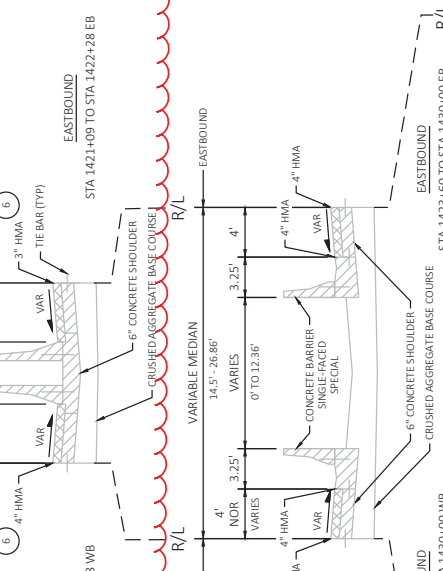
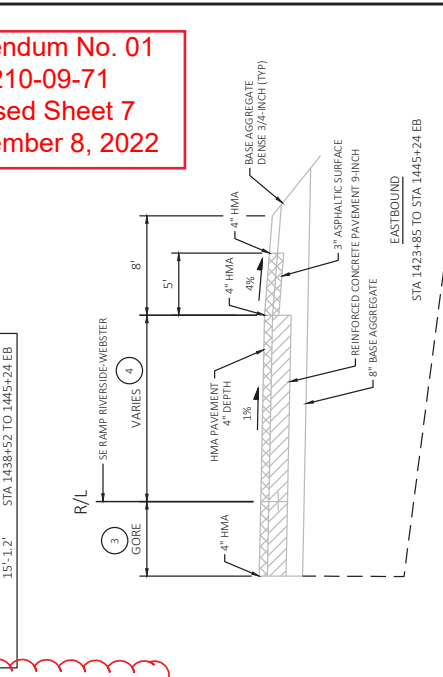
1 RIVERSIDE WEBSTER NE RAMP
 STA 1433+59 TO 1438+19 WB
 STA 1436+19 TO 1438+08 WB
 CTH GV NW RAMP
 STA 1510+83 TO 1518+40 WB
 STA 1518+40 TO 1524+95 WB

2 RIVERSIDE WEBSTER NE RAMP
 STA 1433+59 TO 1438+19 WB
 STA 1439+19 TO 1438+08 WB
 CTH GV NW RAMP
 STA 1518+40 TO 1524+95 WB

3 RIVERSIDE WEBSTER SE RAMP
 STA 1432+85 TO 1438+52 EB
 STA 1438+52 TO 1445+24 EB

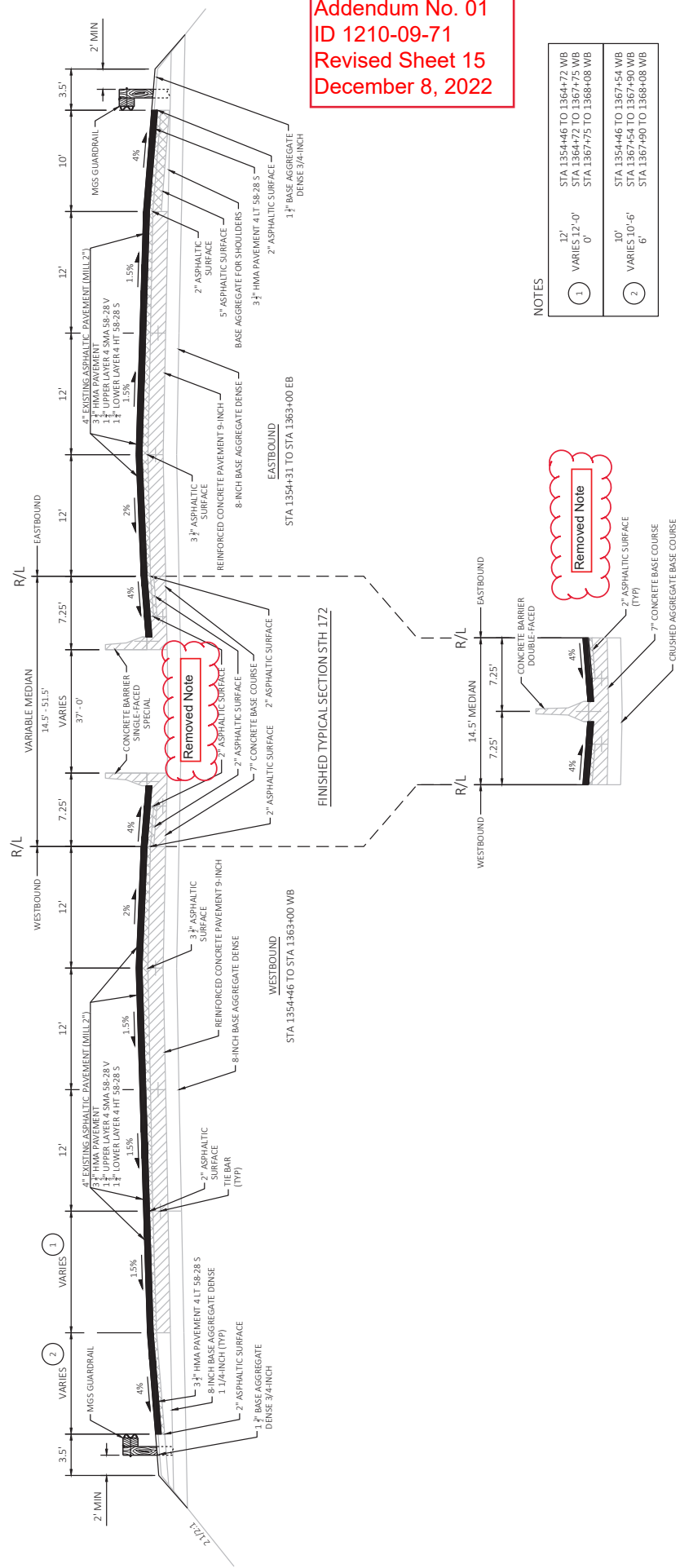
4 SE RAMP RIVERSIDE WEBSTER
 STA 1432+85 TO 1438+52 EB
 STA 1438+52 TO 1445+24 EB

Addendum No. 01
ID 1210-09-71
Revised Sheet 7
December 8, 2022



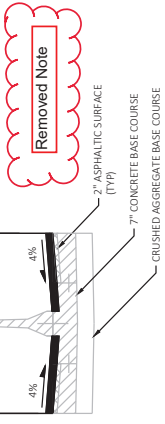
12'	STA 1430+06 TO 1432+85 EB
12'	STA 1432+85 TO 1445+24 EB
12'	STA 1446+45 TO 1458+22 EB
VARIES 1'-0"	STA 1433+59 TO 1438+19 WB
VARIES 4"	THICKNESS: STA 1420+36 EB
VARIES 3"	THICKNESS: STA 1420+61 EB
VARIES 3"	THICKNESS: STA 1422+81 EB
VARIES 4"	THICKNESS: STA 1423+10 EB
VARIES 4"	THICKNESS: STA 1421+88 WB
VARIES 4"	THICKNESS: STA 1422+99 WB
VARIES 4"	THICKNESS: STA 1423+48 WB
VARIES 4"	THICKNESS: STA 1424+04 WB

Addendum No. 01
ID 1210-09-71
Revised Sheet 15
December 8, 2022



NOTES

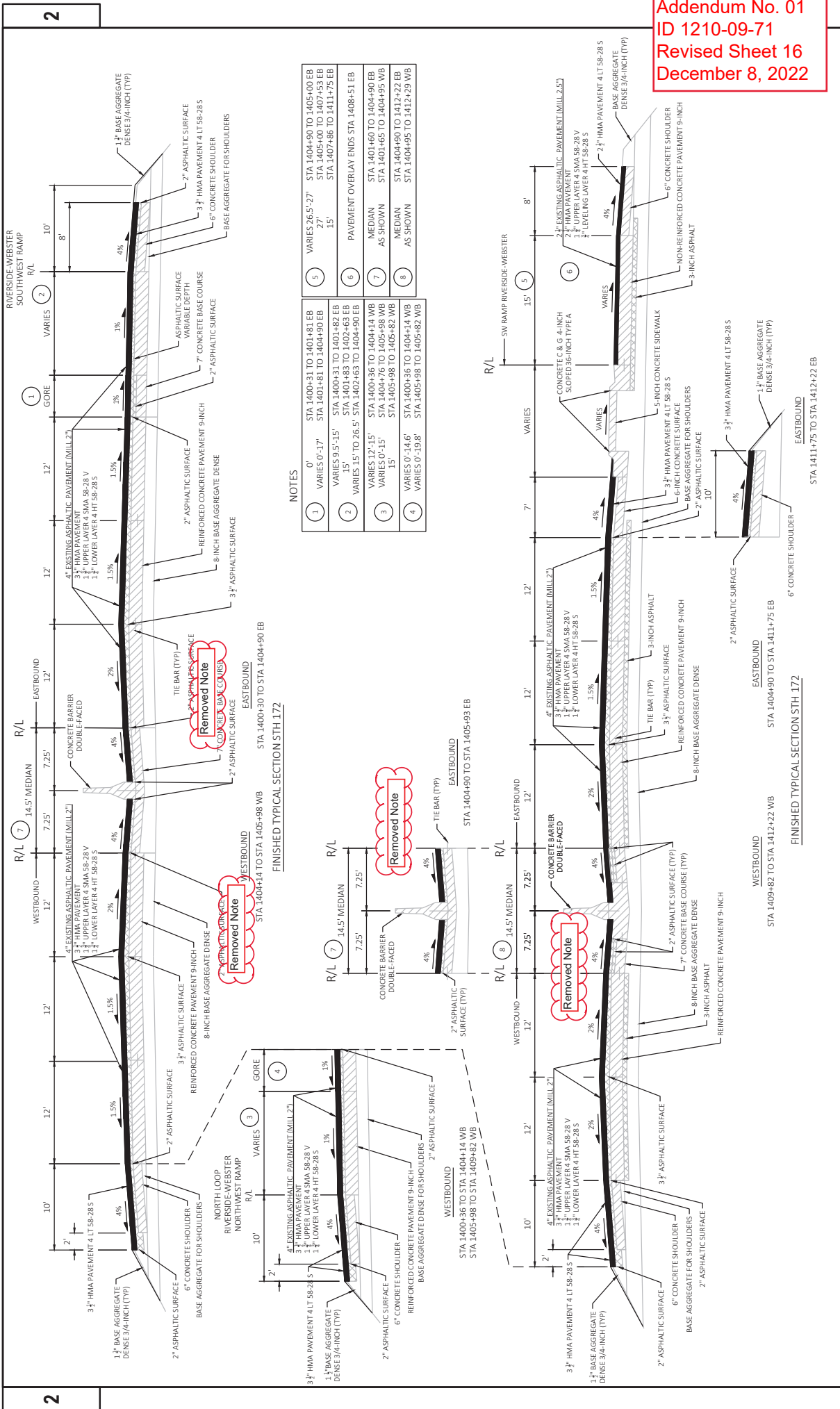
- 1 12' VARIES 12'-0'
- 2 10' VARIES 10'-6'



WESTBOUND EASTBOUND
 STA 1363+00 TO STA 1368+08 WB STA 1363+00 TO STA 1368+08 EB

FINISHED TYPICAL SECTION STH 172

PROJECT NO: 1210-09-71	COUNTY: BROWN	TYPICAL SECTIONS	SHEET 15	E
FILE NAME: G:\2021\202109- WBDOT STH 172\G\1301\301\210900\05\PLAN\02030115.DWG	PLOT DATE: 12/5/2022 3:58 PM	PLOT BY: KYIE CORNELIUS	PLOT SCALE: 1/8"=1'-0"	WISDOT/CADD SHEET 42



NOTES

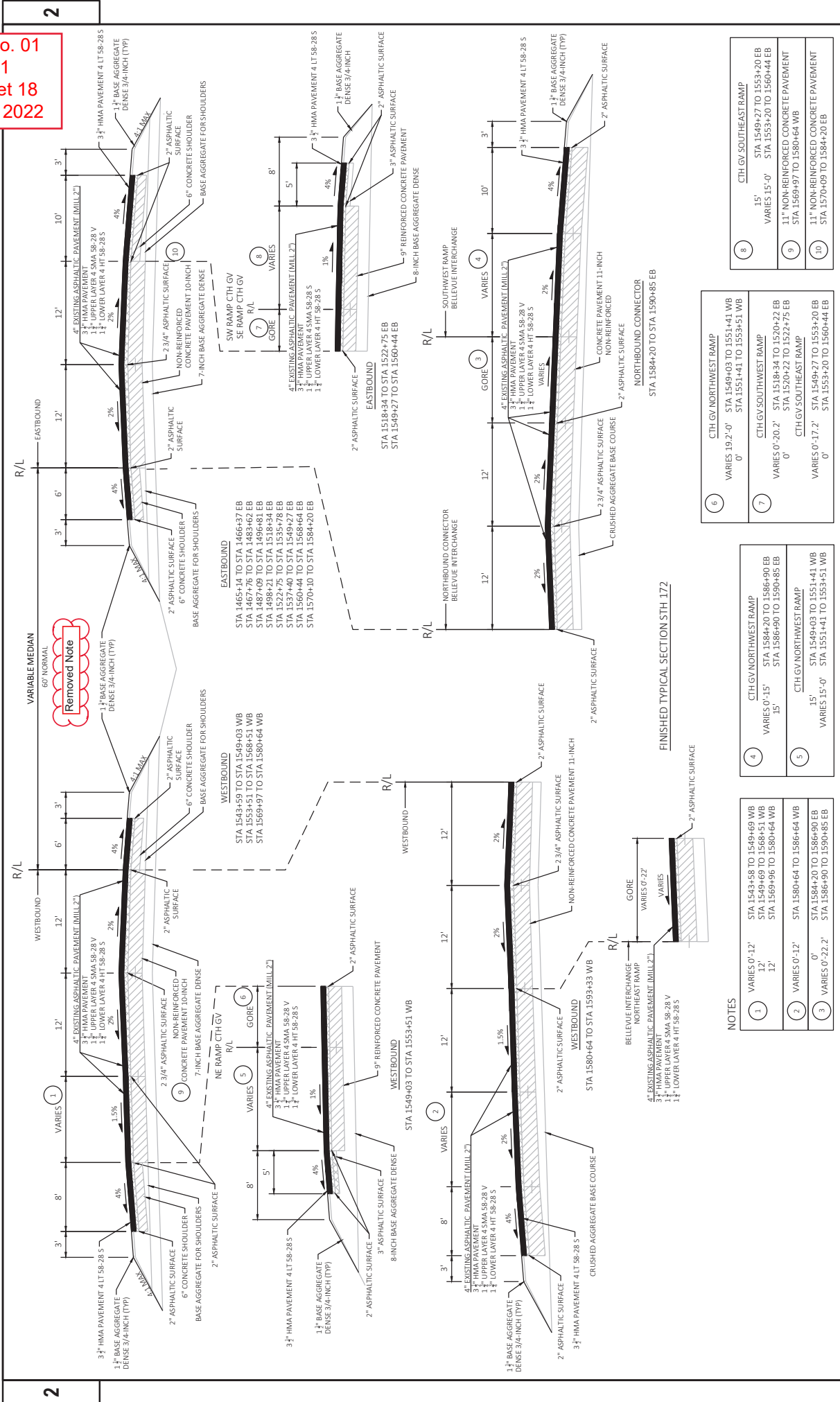
1	0' VARIES 9.5'-15'	STA 1400+31 TO 1401+81 EB	5	VARIES 26.5'-27'	STA 1404+90 TO 1405+00 EB
2	VARIES 15' TO 26.5'	STA 1401+81 TO 1404+90 EB	6	15'	STA 1405+00 TO 1407+53 EB
3	VARIES 12'-15'	STA 1400+36 TO 1404+14 WB	7	PAVEMENT OVERLAY ENDS STA 1408+51 EB	
4	VARIES 0'-14.6'	STA 1404+76 TO 1405+98 WB	8	MEDIAN AS SHOWN	STA 1401+60 TO 1404+90 EB
		STA 1405+98 TO 1405+82 WB			STA 1401+65 TO 1404+95 WB
					STA 1404+90 TO 1412+22 EB
					STA 1404+95 TO 1412+29 WB

Removed Note
 ASPHALTIC SURFACE
 3 3/4" ASPHALTIC SURFACE

Removed Note
 ASPHALTIC SURFACE
 3 3/4" ASPHALTIC SURFACE

Removed Note
 ASPHALTIC SURFACE
 3 3/4" ASPHALTIC SURFACE

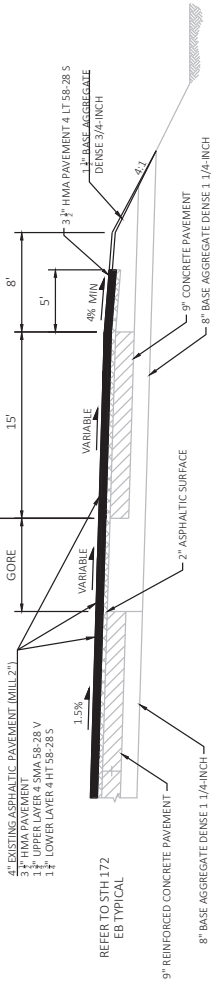
Addendum No. 01
ID 1210-09-71
Revised Sheet 18
December 8, 2022



NOTES

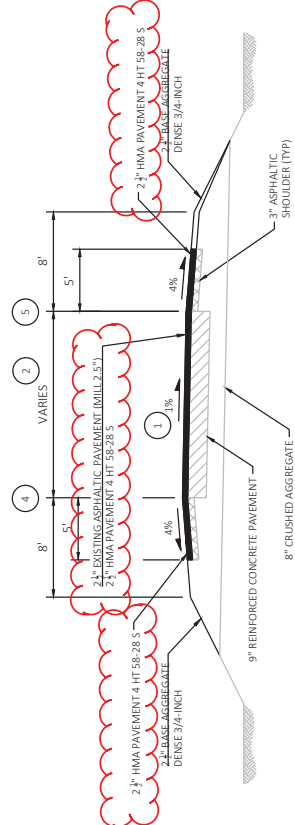
- 1 RIVERSIDE-WEBSTER NORTHEAST & SOUTHEAST RAMP CROSS SLOPE ARE 1.5%
- 2 ONEIDA-ASHLAND SOUTHEAST RAMP
30'-24" STA 1332+06 TO 1333+49
24" STA 1333+49 TO 1336+50
RIVERSIDE-WEBSTER SOUTHEAST RAMP
24" STA 1422+73 TO 1427+86
VARIES 24'-15" STA 1427+86 TO 1431+68
ALL OTHER RAMP
15'
- 3 ONEIDA-ASHLAND SOUTHEAST RAMP
30' STA 1324+40 TO 1332+18
ALL OTHER RAMP
15'
- 4 REFERENCE LINE LOCATION FOR:
ONEIDA-ASHLAND NORTHEAST RAMP
ONEIDA-ASHLAND NORTHWEST RAMP
ONEIDA-ASHLAND SOUTHWEST RAMP
RIVERSIDE-WEBSTER SOUTHEAST RAMP
RIVERSIDE-WEBSTER NORTHEAST RAMP
- 5 REFERENCE LINE LOCATION FOR:
ONEIDA-ASHLAND SOUTHEAST RAMP
ONEIDA-ASHLAND NORTHWEST RAMP
RIVERSIDE-WEBSTER NORTHWEST RAMP
- 6 REFERENCE LINE LOCATION FOR:
ONEIDA-ASHLAND NORTHEAST RAMP
ONEIDA-ASHLAND NORTHWEST RAMP
ONEIDA-ASHLAND SOUTHWEST RAMP
RIVERSIDE-WEBSTER NORTH LOOP
RIVERSIDE-WEBSTER SOUTH LOOP
- 7 REFERENCE LINE LOCATION FOR:
ONEIDA-ASHLAND SOUTHEAST RAMP

R/L



FINISHED TYPICAL SECTION
AIRPORT INTERCHANGE
(IH 41 NB TO STH 172 EB)
SOUTHEAST RAMP
STA 1307+69 TO 1304+72 EB

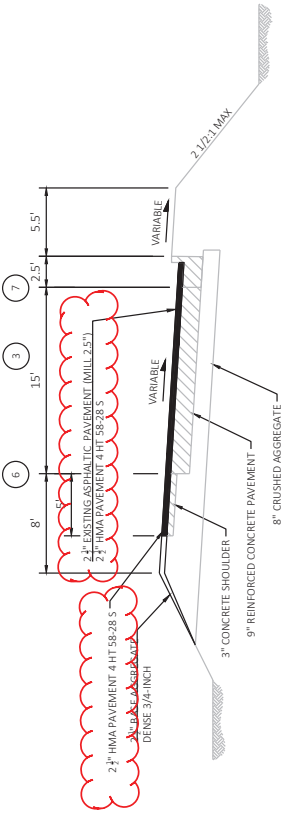
Addendum No. 01
ID 1210-09-71
Revised Sheet 19
December 8, 2022



FINISHED TYPICAL SECTION

ONEIDA-ASHLAND RAMP
NORTHWEST RAMP (LOOKING EAST)
STA 1336+50 TO 1339+00 WY
SOUTHWEST RAMP
STA 1332+06 TO 1335+00 HE
SOUTHEAST RAMP "A" LINE
STA 1325+54 TO 1328+71 HE

RIVERSIDE-WEBSTER RAMP
SOUTHEAST RAMP
STA 1422+73 TO 1436+02 WE
NORTHWEST RAMP
STA 1405+09 TO 1416+51 WWB



FINISHED TYPICAL SECTION

ONEIDA-ASHLAND RAMP
NORTHWEST RAMP (LOOKING DOWNSTREAM)
STA 1328+70 TO 1335+48 WY
SOUTHEAST RAMP
STA 1324+40 TO 1332+06 HE

RIVERSIDE-WEBSTER RAMP
NORTH LOOP (LOOKING DOWNSTREAM)
STA 1402+74 TO 1410+27 RWB
SOUTH LOOP (LOOKING DOWNSTREAM)
STA 1407+07 TO 1419+07 ER

PROJECT NO: 1210-09-71

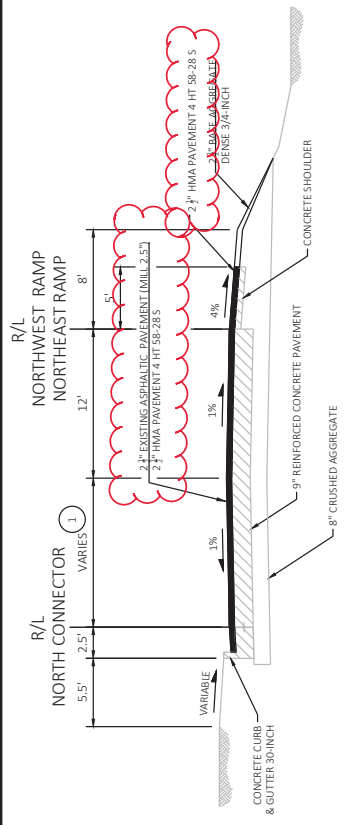
HWY: STH 172

COUNTY: BROWN

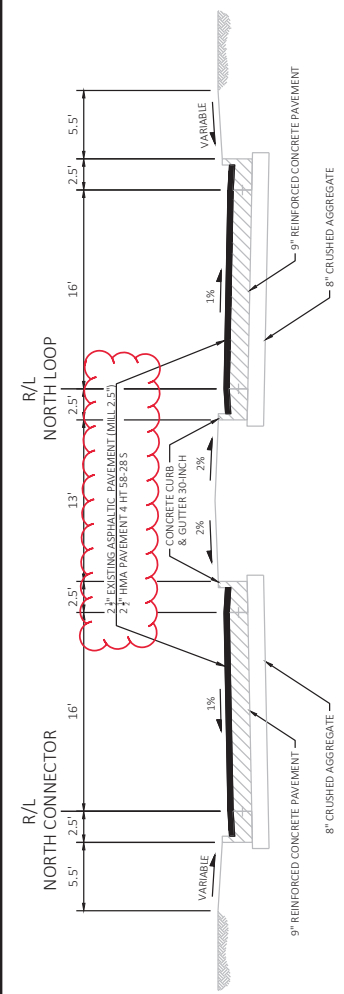
TYPICAL SECTIONS

SHEET 19

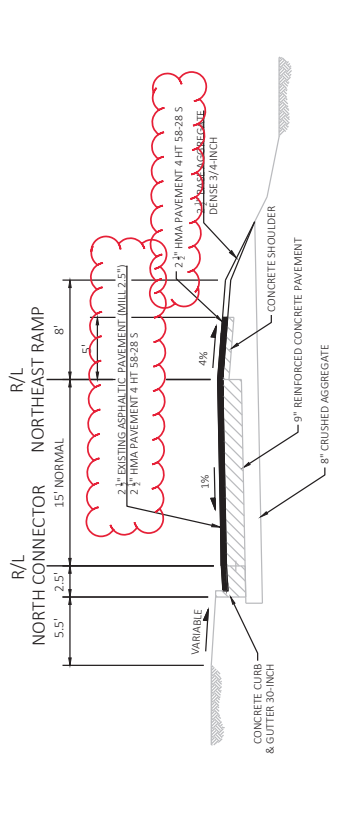
E



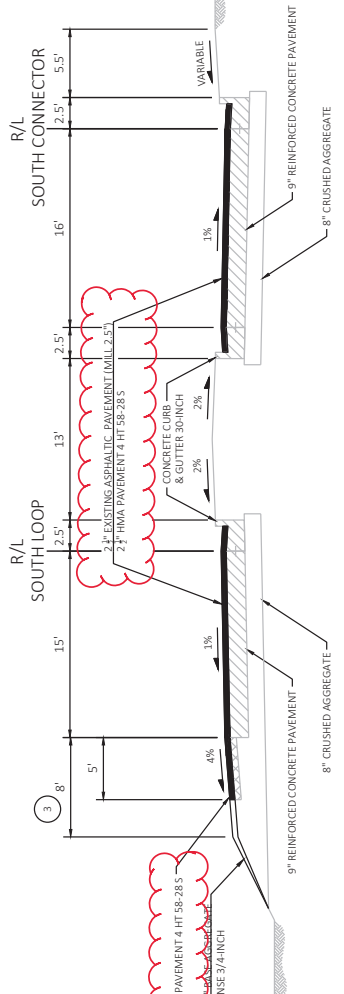
FINISHED TYPICAL SECTION
RIVERSIDE-WEBSTER INTERCHANGE
 NORTHWEST RAMP
 NORTH CONNECTOR STA 1416+51 TO 1420+16 WMB
 NORTHEAST RAMP
 STA 1421+89 TO 1427+21 WBW



FINISHED TYPICAL SECTION
RIVERSIDE-WEBSTER INTERCHANGE
 NORTH LOOP
 NORTH CONNECTOR STA 1339+40 TO 1402+71 WR
 SOUTH LOOP STA 1399+40 TO 1402+74 RWB



FINISHED TYPICAL SECTION
RIVERSIDE-WEBSTER INTERCHANGE
 NORTH CONNECTOR
 NORTH CONNECTOR STA 1402+71 TO 1416+51 WR
 NORTHEAST RAMP
 STA 1427+21 TO 1431+09 WBW



FINISHED TYPICAL SECTION
RIVERSIDE-WEBSTER INTERCHANGE
 SOUTH CONNECTOR
 SOUTH LOOP STA 1400+08 TO 1407+07 ER
 SOUTH CONNECTOR STA 1400+08 TO 1402+55 RWB

Addendum No. 01
ID 1210-09-71
Revised Sheet 20
December 8, 2022

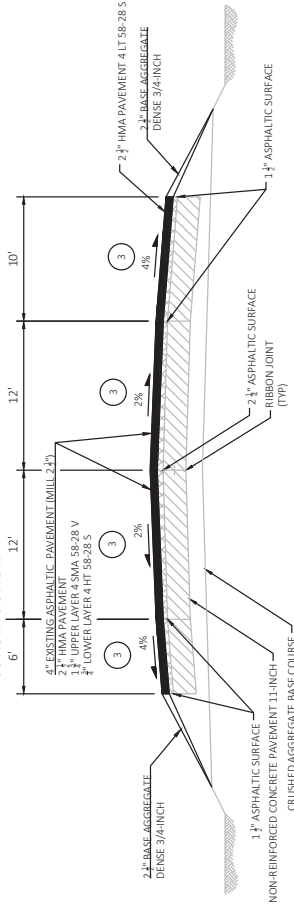
- NOTES**
- 1 RIVERSIDE-WEBSTER NORTHEAST RAMP VARIES 12'-0" STA 1426+23 TO 1427+21 ALL OTHER RAMPS ARE ADJACENT 12'
 - 2 NORTH CONNECTOR AND NORTHWEST RAMP ARE ADJACENT
 - 3 PAVE ENTIRE 8' SHOULDER FROM STA 1400+08 TO STA 1403+42

PROJECT NO: 1210-09-71	HWY: STH 172	COUNTY: BROWN	TYPICAL SECTIONS	SHEET 20	E
FILE NAME: C:\2021\021089-WIS0015TH-172\CVL\B30\1310900\SHETS\PLAN\020301-15.DWG	LAYOUT NAME: 00317-15	DATE: 12/2/2022 12:27 PM	PLOT NAME: ANTHONY MARCOE	PLOT SCALE: 1/8"=10' FT	WIS0015TH00317-15

Addendum No. 01
ID 1210-09-71
Revised Sheet 21
December 8, 2022

1	CTH GV SOUTHWEST RAMP 15' STA 1520+22 TO 1531+95 VARIES 15'-36' STA 1533+95 TO 1538+51 36' ALL OTHER RAMP
	15'
2	0' VARIES 0'-9' STA 408+59 TO 410+27 VARIES 0'-9' STA 410+27 TO 414+19
3	BELLEVUE INTERCHANGE NORTHBOUND CONNECTOR B5-193 UNDERPASS STA 1602+14 TO 1605+61 VARIES 36' STA 1605+61 TO 1622+95 REFER TO CONSTRUCTION DETAILS SCHEDULE OF OPENINGS DEPTHS FOR PAVEMENT THICKNESS

R/L
CONSTRUCTION

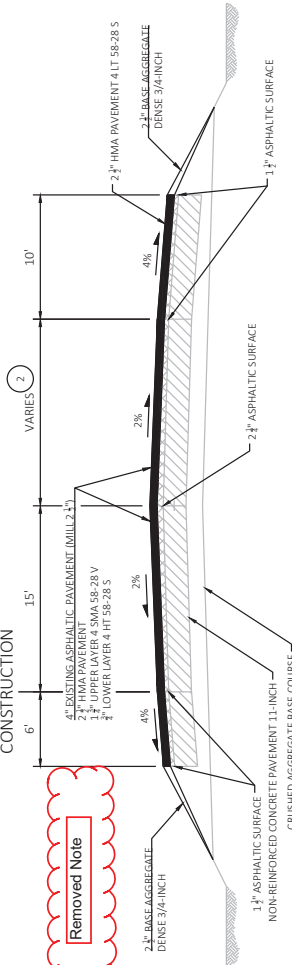


FINISHED TYPICAL SECTION
 STH 172 & IH 43 INTERCHANGE

NORTHBOUND CONNECTOR
 (STH 172 EB TO IH 43 NB)
 STA 1590+85 TO 1617+80 EB
 STA 434+69 TO 436+34 EB
 STA 440+58 TO 455+46 EB

NORTHWEST RAMP
 (IH 43 NB TO STH 172 WB)
 STA 1593+34 TO 1629+53 SW (LOOKING DOWNSTATION)
 STA 1604+77 TO 1616+72 WB (LOOKING DOWNSTATION)
 STA 1616+72 TO 1622+95 WB (LOOKING DOWNSTATION)
 STA 1622+95 TO 1631+58 WB (LOOKING DOWNSTATION)

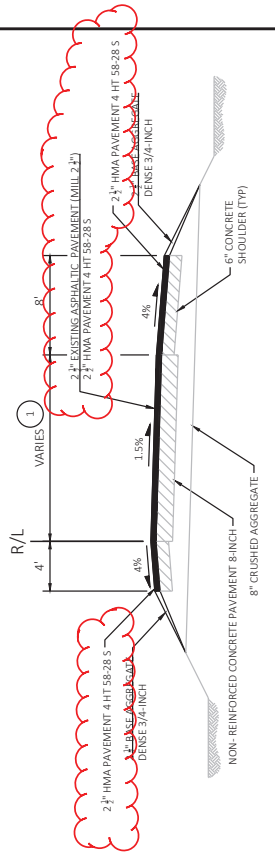
R/L
CONSTRUCTION



FINISHED TYPICAL SECTION
 STH 172 & IH 43 INTERCHANGE

WESTBOUND CONNECTOR
 (STH 172 WB)
 STA 1631+55 TO 1653+02 WB

R/L
VARIES 4'



FINISHED TYPICAL SECTION
 CTH GV RAMP

NORTHWEST RAMP
 (LOOKING DOWNSTATION)
 (CTH GV TO STH 172 WB)
 STA 1520+92 TO 1536+68 GVV

NORTHEAST RAMP
 (STH 172 WB TO CTH GV)
 STA 1537+24 TO 1551+16 MGW

SOUTHWEST RAMP
 (STH 172 EB TO CTH GV)
 STA 1520+22 TO 1536+10 EGV

SOUTHEAST RAMP
 (CTH GV TO STH 172 EB)
 STA 1536+48 TO 1553+20 GVE

PROJECT NO: 1210-09-71

HWY: STH 172

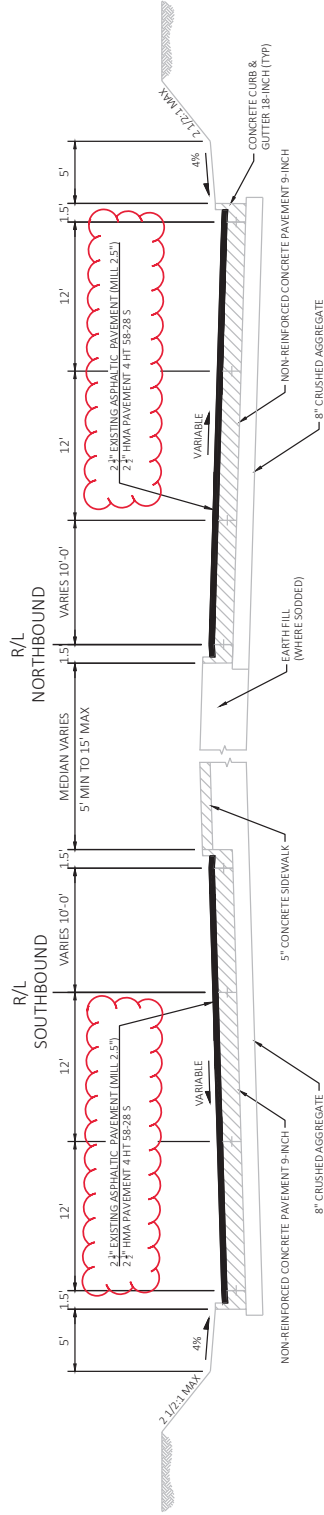
COUNTY: BROWN

TYPICAL SECTIONS

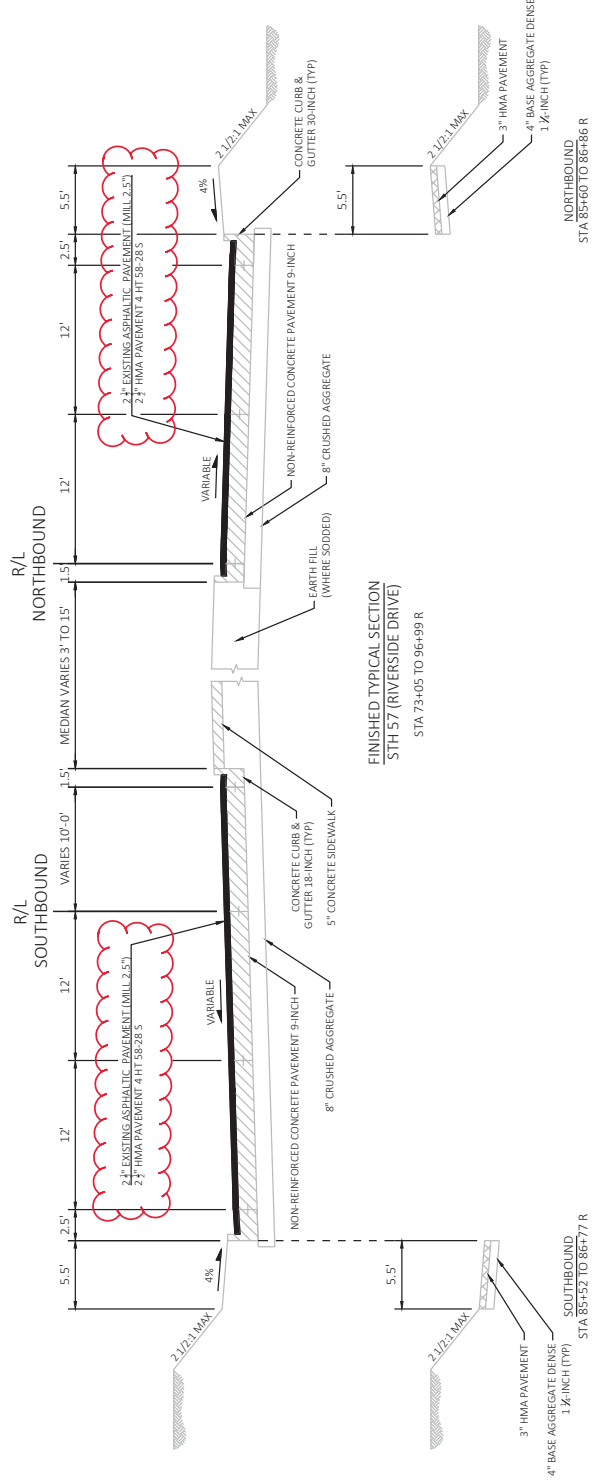
SHEET 21

E

Addendum No. 01
 ID 1210-09-71
 Revised Sheet 22
 December 8, 2022



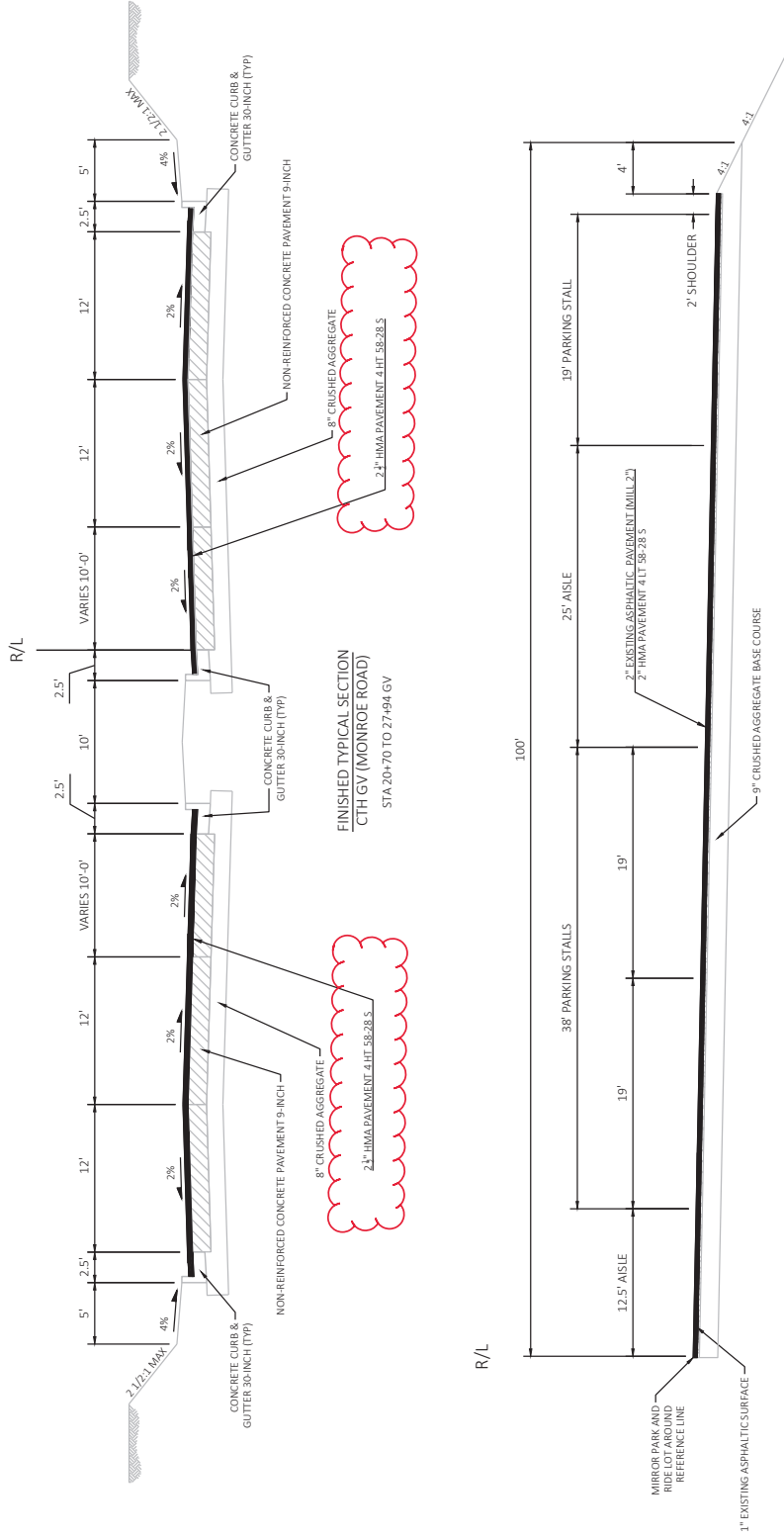
FINISHED TYPICAL SECTION
 CTH X (WEBSTER AVENUE)
 STA 106+11 TO 107+80 W
 STA 109+83 TO 112+39 W



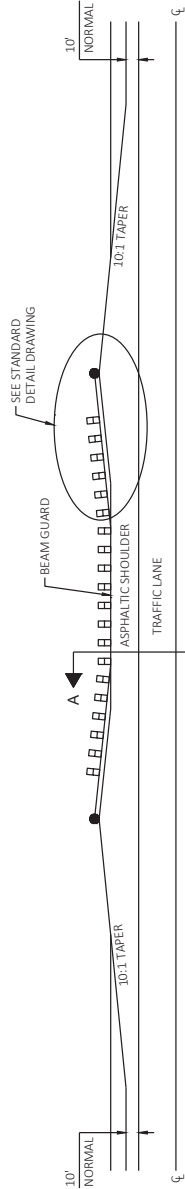
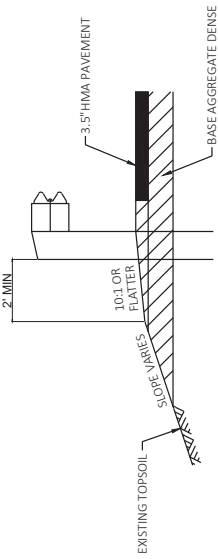
FINISHED TYPICAL SECTION
 STH 57 (RIVERSIDE DRIVE)
 STA 73+05 TO 96+99 R

PROJECT NO: 1210-09-71	COUNTY: BROWN	TYPICAL SECTIONS	SHEET 22	E
FILE NAME: C:\2021\02109- WISDOT STH 172C\MILB01\110906\SHETS\PLAN\02301-15.DWG	LAYOUT NAME: 00339-15	PLOT DATE: 12/2/2022 12:30 PM	PLOT BY: ANTHONY MARCO	PLOT NAME:
				WISDOT/CAD/05 SHEET 42

Addendum No. 01
ID 1210-09-71
Revised Sheet 23
December 8, 2022



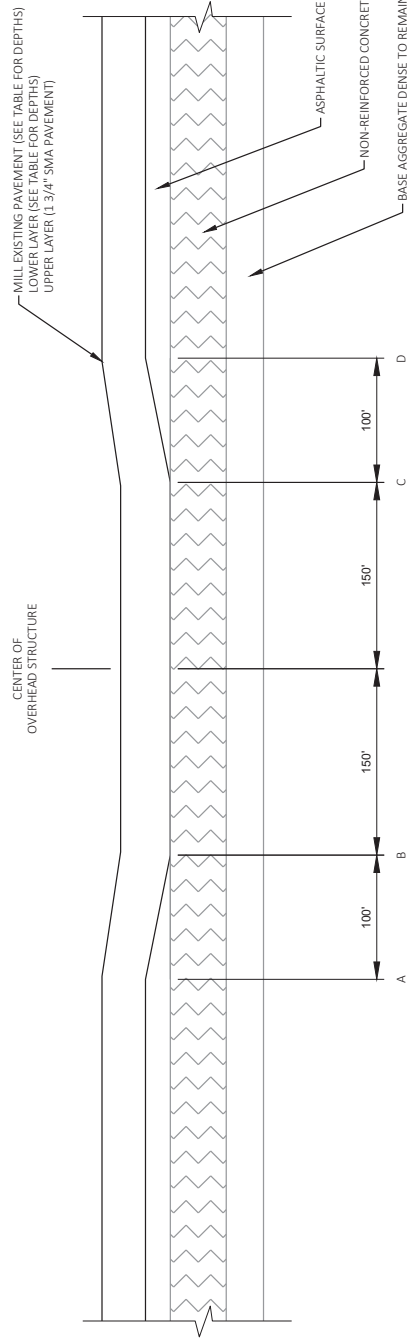
PROJECT NO: 1210-09-71	COUNTY: BROWN	TYPICAL SECTIONS	SHEET 23	E
FILE NAME: C:\2021\021089-WISDOT 5TH 172AC\MLB\13110900\SHS\PLAN\02300-15.DWG	HWY: STH 172	FLYBY: ANTHONY MARCO	PLOT SCALE: 1/8"=10 FT	WISDOT/CADDS SHEET 42
LAYOUT NAME: 00320-15	PLOT DATE: 12/2/2022 12:31 PM	PLOT NAME:		



DETAIL FOR ASPHALTIC SHOULDER AT BEAM GUARD

253

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ID 1210-09-71
Revised Sheet 28
December 8, 2022



SPECIAL MILLING AND PAVING UNDER BRIDGES

STH 172 UNDER WEBSTER AVENUE
STH 172 EB UNDER IH 43 NB TO STH 172 WB RAMP

BRIDGE	MILLING DEPTHS				PAVING DEPTHS (LOWER LAYER)			
	A	B	C	D	A	B	C	D
B-05-150 (EB STH 172)	2"	3"	3"	2"	1 3/4"	1 1/4"	1 1/4"	1 3/4"
B-05-150 (WB STH 172)	2"	3 1/2"	3 1/2"	2"	1 3/4"	1 3/4"	1 3/4"	1 3/4"
B-05-185	2 1/2"	3"	3"	2 1/2"	3/4"	3/4"	3/4"	3/4"

EXISTING VERTICAL BRIDGE CLEARANCE DATA			
ROADWAY	BRIDGE	OVERPASS	CLEARANCE
STH 172 EB	B-05-150	WEBSTER AVENUE	15.86
STH 172 WB	B-05-150	WEBSTER AVENUE	16.74
STH 172 EB	B-05-185	IH 43 TO STH 172 WB RAMP	15.97

NOTE: MUST MAINTAIN VERTICAL CLEARANCE AT B-05-150. VERTICAL CLEARANCE TO INCREASE TO 16.01' AT B-05-185.

CONSTRUCTION DETAILS

APPROXIMATE ASPHALT DEPTHS	
EB	WB
3"	--
--	4"
4"	4"

COUNTY: BROWN

1 IN:10 FT

CHD EVER

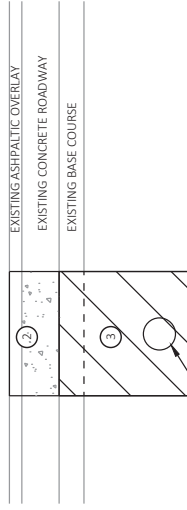
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FILE NAME: LAYOUT NAME - 05

PROJECT NO. 1210-09-71

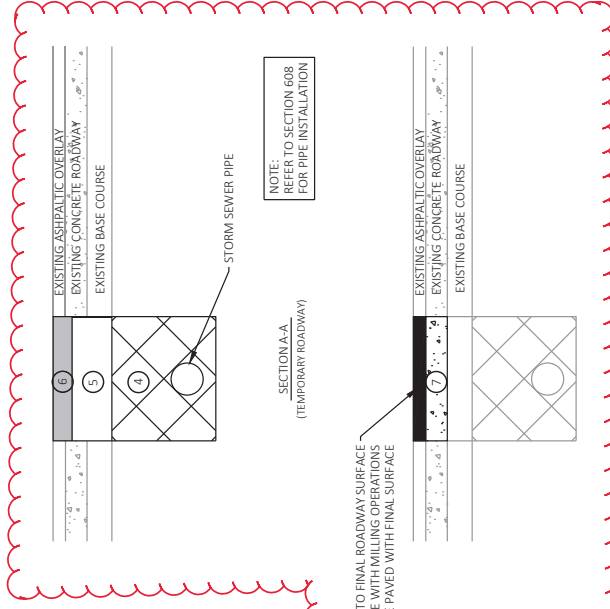
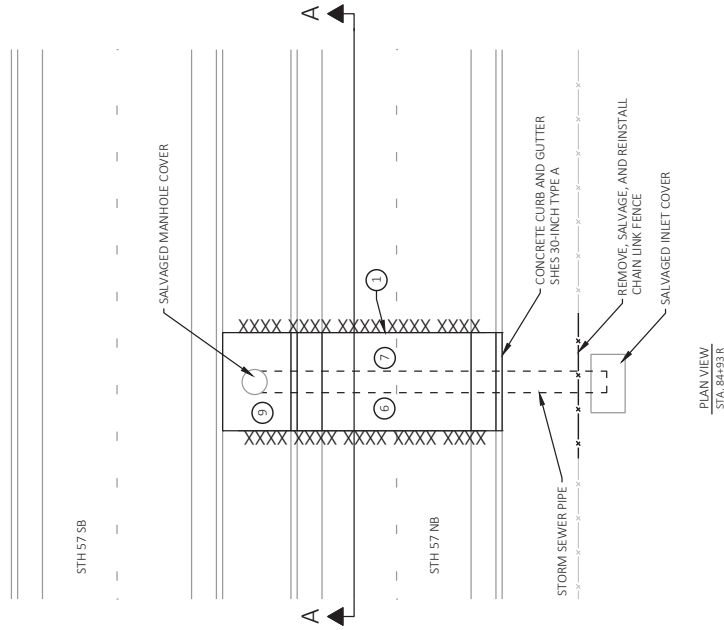
FILE NAME: C:\2021\02109 - WISDOT STH 172\CM\130\1310900\SHETS\PLAN021001-CD.DWG

Addendum No. 01
ID 1210-09-71
Revised Sheet 32
December 8, 2022



LEGEND

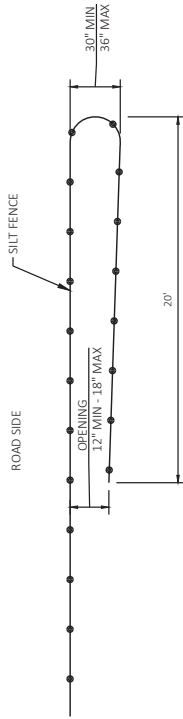
- 1 SAWING CONCRETE (PAID SEPARATELY)
- 2 REMOVING CONCRETE PAVEMENT (PAID SEPARATELY)
- 3 EXCAVATION FOR STORM SEWER (INCIDENTAL TO PIPE)
- 4 PIPE BACKFILL (INCIDENTAL TO PIPE)
- 5 8" BASE AGGREGATE DENSE 1 1/4 INCH ASPHALTIC SURFACE TEMPORARY 5-INCH CONCRETE BASE SHEES 1 1/2-INCH
- 6 CONCRETE SIDEWALK 5-INCH



STORM SEWER PIPE REPLACEMENT
STA. 84+93 R

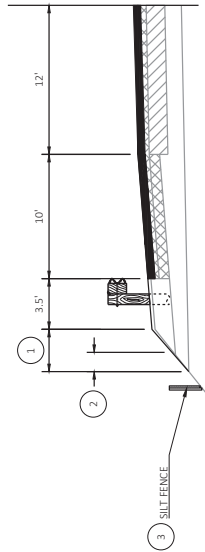
NOTES:

SILT FENCE POSTS FOR THE TURN-AROUND SHOULD BE ON THE OUTSIDE OF THE TURN-AROUND AND TRENCHED IN ACCORDING TO SILT FENCE REQUIREMENTS.



PLAN VIEW

TEMPORARY SMALL ANIMAL TURN-AROUND



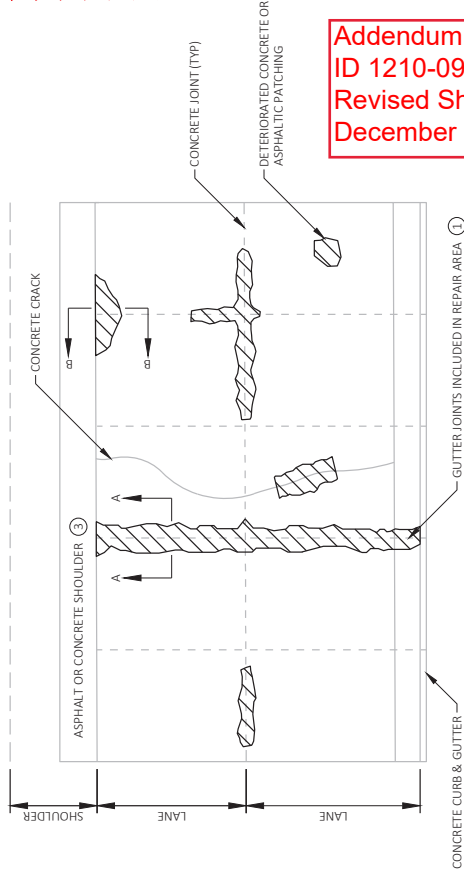
TYPICAL EROSION CONTROL SECTION
STH 172 - GUARDRAIL SECTIONS

NOTES

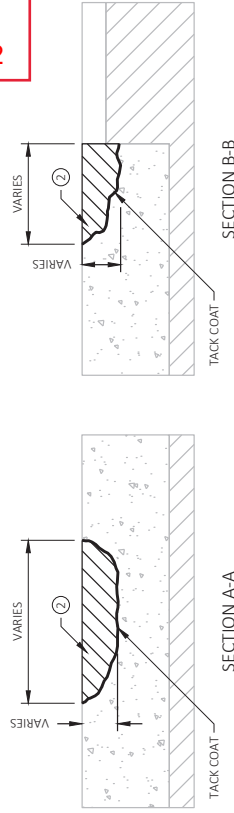
- 1 SEED & FERTILIZER
- 2 SALVAGED TOPSOIL & EROSION MAT CLASS / TYPE A
- 3 PLACE SILT FENCE WITHIN 3- FEET OF SLOPE INTERCEPT

NOTES:

- 1 PERFORM CONCRETE JOINT AND CRACK CLEANING AND REPAIR IF ASPHALT OVERLAY WILL BE PLACED ON CONCRETE GUTTER
- 2 REMOVE UNSOUND AND DETERIORATED MATERIAL INCLUDING EXISTING ASPHALTIC PATCHING
- 3 EXISTING CONCRETE SHOULDER 5-FOOT OR LESS INCLUDED IN REPAIR AREA OF ADJACENT LANE



PLAN VIEW

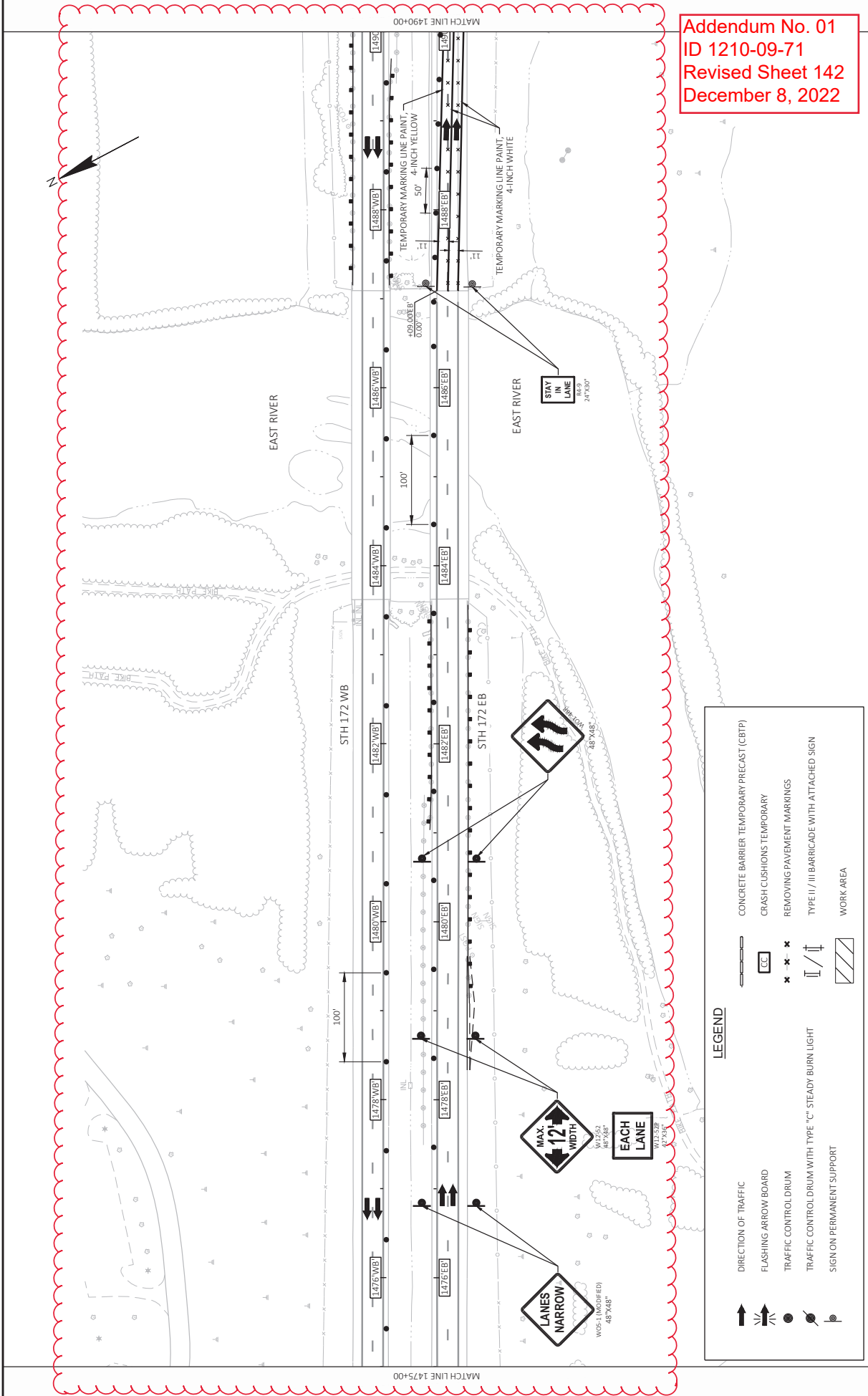


SECTION A-A

SECTION B-B

CONCRETE JOINT AND CRACK CLEANING AND REPAIR
SEE MISCELLANEOUS QUANTITIES FOR LOCATION

Addendum No. 01
ID 1210-09-71
Revised Sheet 33
December 8, 2022

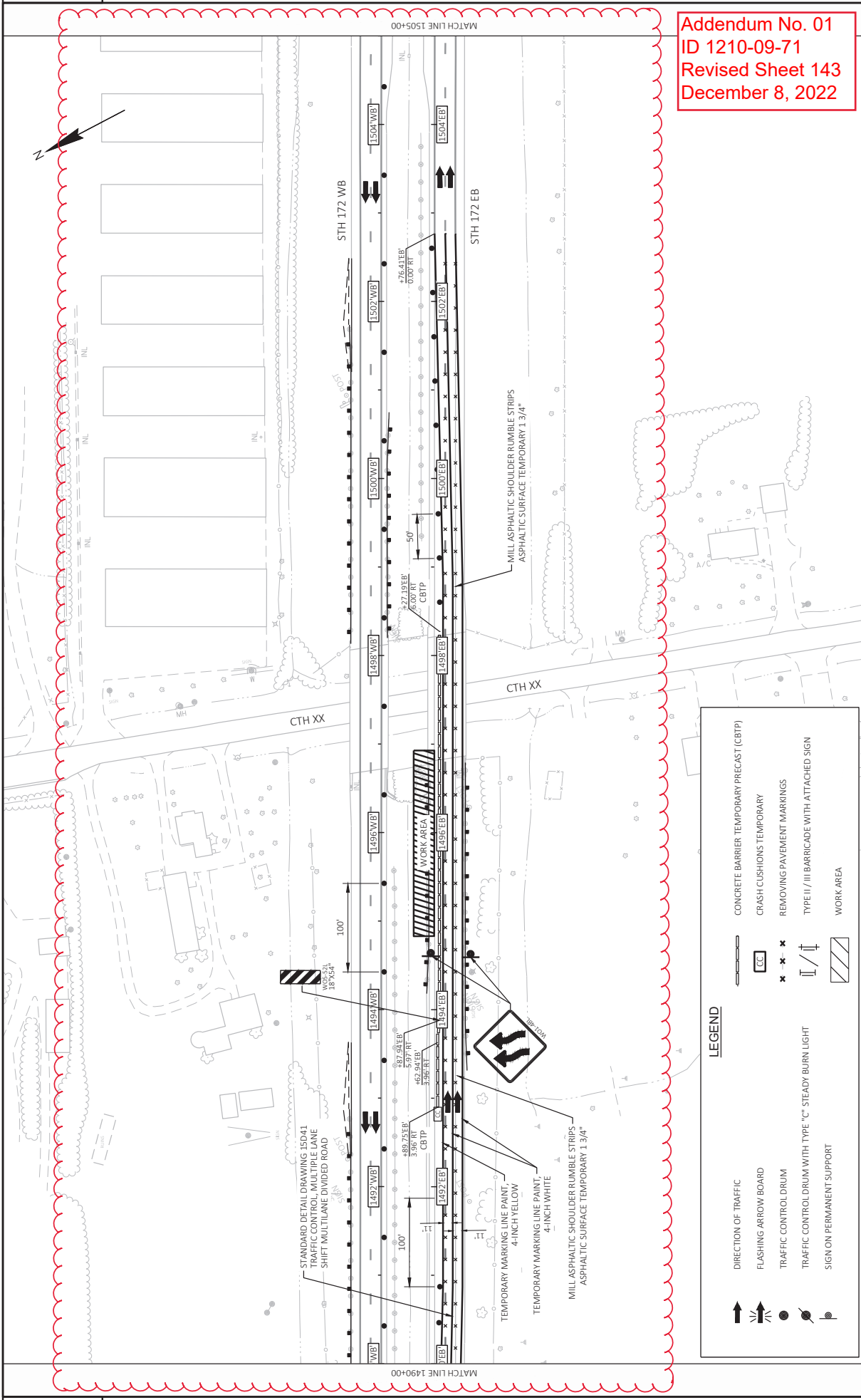


Addendum No. 01
 ID 1210-09-71
 Revised Sheet 142
 December 8, 2022

LEGEND

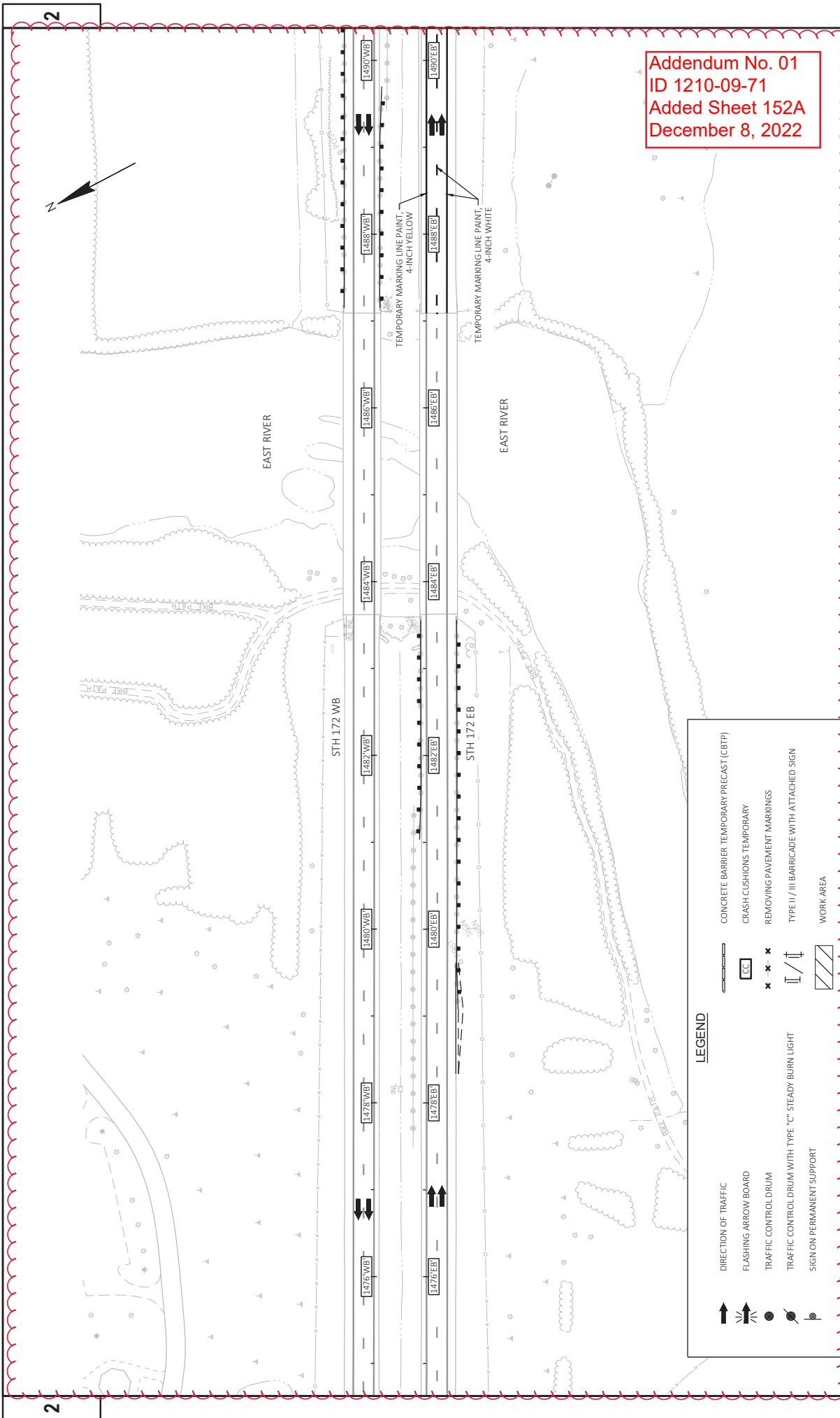
	DIRECTION OF TRAFFIC		CONCRETE BARRIER TEMPORARY PRECAST (CBTP)
	FLASHING ARROW BOARD		CRASH CUSHIONS TEMPORARY
	TRAFFIC CONTROL DRUM		REMOVING PAVEMENT MARKINGS
	TRAFFIC CONTROL DRUM WITH TYPE "C" STEADY BURN LIGHT		TYPE II / III BARRICADE WITH ATTACHED SIGN
	SIGN ON PERMANENT SUPPORT		WORK AREA

Addendum No. 01
 ID 1210-09-71
 Revised Sheet 143
 December 8, 2022



LEGEND

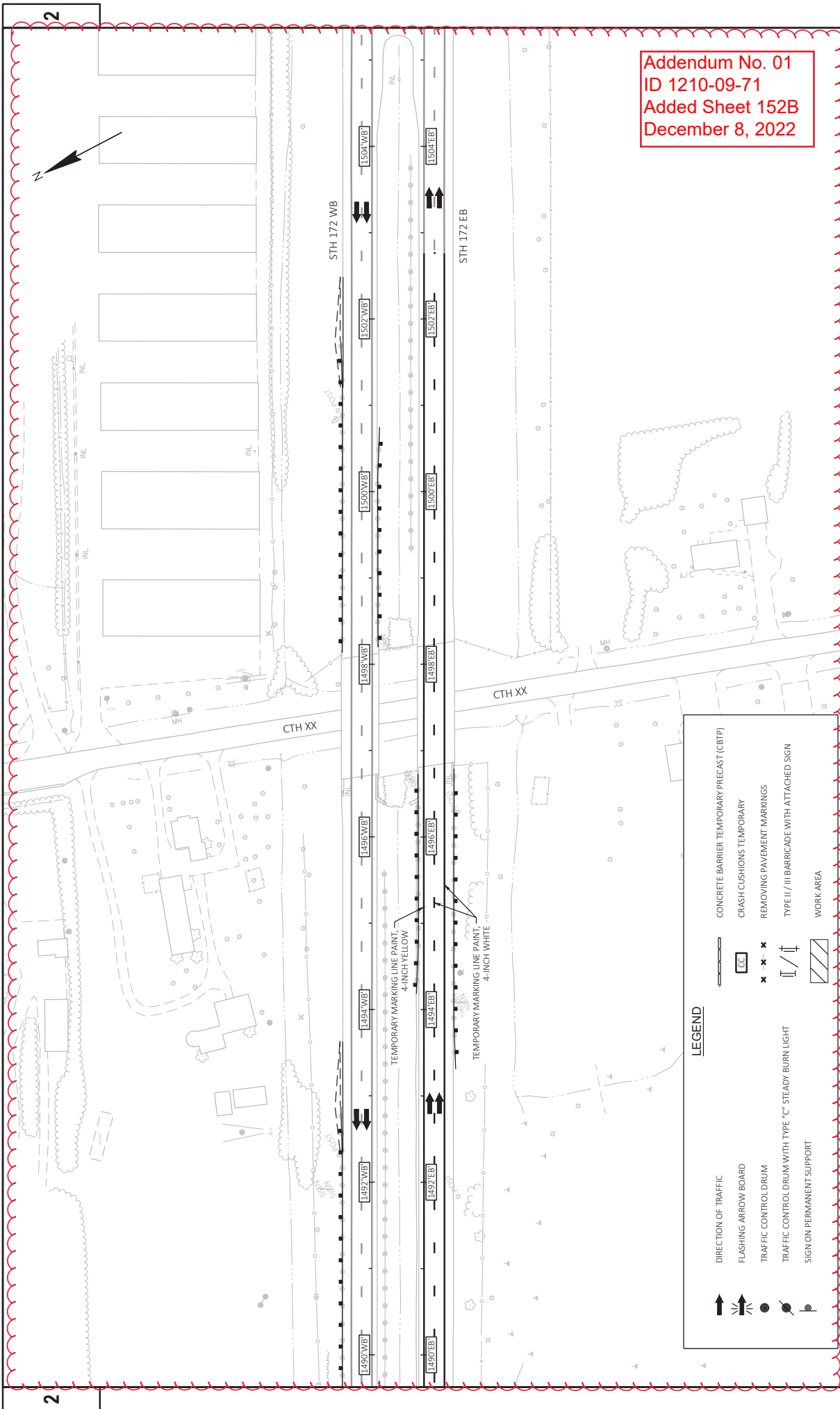
	DIRECTION OF TRAFFIC		CONCRETE BARRIER TEMPORARY PRECAST (CBTP)
	FLASHING ARROW BOARD		REMOVING PAVEMENT MARKINGS
	TRAFFIC CONTROL DRUM		TYPE II / III BARRICADE WITH ATTACHED SIGN
	TRAFFIC CONTROL DRUM WITH TYPE "C" STEADY BURN LIGHT		WORK AREA
	SIGN ON PERMANENT SUPPORT		



Addendum No. 01
 ID 1210-09-71
 Added Sheet 152A
 December 8, 2022

LEGEND

	DIRECTION OF TRAFFIC		CONCRETE BARRIER TEMPORARY PRECAST (CBTP)
	FLASHING ARROW BOARD		CRASH CUSHIONS TEMPORARY
	TRAFFIC CONTROL DRUM		REMOVING PAVEMENT MARKINGS
	TRAFFIC CONTROL DRUM WITH TYPE "C" STEADY BURN LIGHT		TYPE II / III BARRICADE WITH ATTACHED SIGN
	SIGN ON PERMANENT SUPPORT		WORK AREA



Addendum No. 01
 ID 1210-09-71
 Added Sheet 152B
 December 8, 2022

LEGEND

	DIRECTION OF TRAFFIC		CONCRETE BARRIER TEMPORARY PRECAST (CBTP)
	FLASHING ARROW BOARD		CRASH CUSHIONS TEMPORARY
	TRAFFIC CONTROL DRUM		REMOVING PAVEMENT MARKINGS
	TRAFFIC CONTROL DRUM WITH TYPE "C" STEADY BURN LIGHT		TYPE II / III BARRICADE WITH ATTACHED SIGN
	SIGN ON PERMANENT SUPPORT		WORK AREA

Addendum No. 01
ID 1210-09-71
Revised Sheet 172
December 8, 2022

REMOVING CURE AND GUTTER

CATEGORY	STATION	TO	STATION	O/S	LOCATION	LF
0010	90+73 R	-	91+06 R	LT	RIVERSIDE DRIVE	33
0010	1399+52 WR	-	1399+85 WR	LT	WEBSTER TO RIVERSIDE	38
0010	1421+65 RW	-	1421+94 RW	RT	RIVERSIDE TO WEBSTER	41
0010	1421+75 EW	-	1421+91 EW	LT	STH 172 EB TO WEBSTER	26
0010	106+13 W	-	106+49 W	RT	WEBSTER AVE	40
0010	1422+15 WE	-	1422+18 WE	LT	WEBSTER TO STH 172 EB RAMP	35
0010	1420+80 WWB	-	1421+08 WWB	RT	WEBSTER TO STH 172 WB RAMP	33
0010	1420+45 WR	-	1420+70 WR	LT	WEBSTER TO RIVERSIDE	41
0010	1421+77 WBW	-	1421+97 WBW	RT	STH 172 WB TO WEBSTER	25
0010	110+98 W	-	111+33 W	RT	WEBSTER AVE	41
0010	1535+80 EGV	-	1536+05 EGV	RT	STH 172 EB TO CTH GV RAMP	33
0010	1535+73 EGV	-	1536+08 EGV	LT	STH 172 EB TO CTH GV RAMP	34
0010	1536+34 GVV	-	1536+60 GVV	RT	CTH GV TO STH 172 WB	32
0010	1536+40 GVV	-	1536+76 GVV	LT	CTH GV TO STH 172 WB	40
TOTAL:						492

*ADDITIONAL QUANTITIES SHOWN ELSEWHERE

REMOVING CONCRETE SIDEWALK

CATEGORY	STATION	TO	STATION	LOCATION	SF
0010	1398+85 WR	-	1400+00 WR	WEBSTER DR TO RIVERSIDE DRIVE	710
0010	1421+33 EW	-	1422+33 EW	STH 172 EB TO WEBSTER RAMP	250
0010	1422+33 WE	-	1423+33 WE	WEBSTER DR TO STH 172 EB RAMP	230
0010	1420+30 WWB	-	1421+12 WWB	WEBSTER DR TO 172 WB RAMP	320
0010	1421+63 WBW	-	1422+01 WBW	STH 172 WB TO WEBSTER DR	310
0010	1535+60 EGV	-	1536+11 EGV	STH 172 EB TO CTH GV	490
0010	1536+32 GVV	-	1536+81 GVV	CTH GV TO STH 172 WB	560
TOTALS:					2,870

*ADDITIONAL QUANTITIES SHOWN ELSEWHERE

FINISHING ROADWAY 1210-09-71

CATEGORY	LOCATION	LOCATION	LOCATION
0010	PROJECT 1210-09-71	PROJECT 1210-09-71	PROJECT 1210-09-71
TOTAL:		1	1

PREPARE FOUNDATION FOR ASPHALTIC PAVING 1210-09-71

CATEGORY	LOCATION	LOCATION	LOCATION
0010	PROJECT 1210-09-71	PROJECT 1210-09-71	PROJECT 1210-09-71
TOTAL:		1	1

PAVEMENT REMOVAL

CATEGORY	STATION	TO	STATION	LOCATION	204.0105 REMOVING CONCRETE PAVEMENT BUTT JOINTS	SY	204.0115 REMOVING ASPHALTIC SURFACE BUTT JOINTS	SY	204.0120 REMOVING ASPHALTIC SURFACE MILLING	SY	204.9180.S REMOVING ASPHALTIC SURFACE MILLING SPECIAL	SY
0010	1306+00 WB	-	1309+10 WB	STH 172 WB	--	2,060	--	--	--	--	--	--
0010	1310+86 WB	-	1321+59 WB	STH 172 WB	--	7,010	--	--	--	--	--	--
0010	1323+06 WB	-	1329+97 WB	STH 172 WB	--	4,940	--	--	--	--	--	--
0010	1331+15 WB	-	1340+56 WB	STH 172 WB	--	6,170	--	--	--	--	--	--
0010	1344+36 WB	-	1354+17 WB	STH 172 WB	--	5,370	--	--	--	--	--	--
0010	1354+46 WB	-	1368+08 WB	STH 172 WB	--	8,320	--	--	--	--	--	--
0010	1400+37 WB	-	1445+24 WB	STH 172 WB	--	23,900	--	--	--	136	--	--
0010	1446+45 WB	-	1466+64 WB	STH 172 WB	--	9,430	--	--	--	264	--	--
0010	1467+97 WB	-	1483+62 WB	STH 172 WB	--	6,940	--	--	--	--	--	--
0010	1487+09 WB	-	1496+72 WB	STH 172 WB	--	4,240	--	--	--	--	--	--
0010	1498+12 WB	-	1535+86 WB	STH 172 WB	--	20	19,000	--	--	162	--	--
0010	1537+48 WB	-	1568+51 WB	STH 172 WB	--	22	17,600	--	--	513	--	--
0010	1569+97 WB	-	1601+51 WB	STH 172 WB	--	29	19,500	--	--	502	--	--
0010	1604+76 WB	-	1618+77 WB	STH 172 WB	--	30	6,140	--	--	--	--	--
0010	1622+95 WB	-	1635+02 WB	STH 172 WB	--	24	5,280	--	--	--	--	--
0010	1302+04 EB	-	1309+35 EB	STH 172 EB	--	36	5,630	--	--	--	--	--
0010	1310+55 EB	-	1321+58 EB	STH 172 EB	--	37	7,550	--	--	--	--	--
0010	1323+05 EB	-	1329+78 EB	STH 172 EB	--	27	4,120	--	--	--	--	--
0010	1330+96 EB	-	1340+40 EB	STH 172 EB	--	32	7,560	--	--	--	--	--
0010	1344+20 EB	-	1352+97 EB	STH 172 EB	--	30	4,620	--	--	--	--	--
0010	1354+31 EB	-	1368+08 EB	STH 172 EB	--	25	8,540	--	--	--	--	--
0010	1400+31 EB	-	1445+24 EB	STH 172 EB	--	26	15,400	--	--	189	--	--
0010	1446+45 EB	-	1466+38 EB	STH 172 EB	--	22	11,200	--	--	131	--	--
0010	1467+76 EB	-	1483+63 EB	STH 172 EB	--	19	7,040	--	--	--	--	--
0010	1487+09 EB	-	1496+81 EB	STH 172 EB	--	19	4,540	--	--	317	--	--
0010	1498+21 EB	-	1535+78 EB	STH 172 EB	--	19	18,300	--	--	688	--	--
0010	1570+10 EB	-	1568+64 EB	STH 172 EB	--	19	15,700	--	--	250	--	--
0010	1440+62 EB	-	455+27 EB	IH 43 NB	--	28	23,100	--	--	300	--	--
0010	1327+86 YW	-	1335+22 YW	PILGRIM WAY TO 172WB RAMP	--	26	6,550	--	--	--	--	--
0010	1331+49 YW	-	1333+97 YW	172WB TO PILGRIM WAY	--	--	2,110	--	--	--	--	--
0010	1323+06 EH	-	1329+92 EH	172EB TO VANDERPERREN	--	16	1,930	--	--	--	--	--
0010	1330+75 EH	-	1331+41 EH	172EB TO VANDERPERREN	--	23	360	--	--	--	--	--
0010	1329+19 HE	-	1333+85 HE	VANDERPERREN WAY TO 172EB	--	12	4,080	--	--	--	--	--
0010	81+75 ER	-	96+14 R	RIVERSIDE	--	23	15,200	--	--	--	--	--
0010	85+63 ER	-	85+63 ER	172EB TO RIVERSIDE	--	--	3,390	--	--	--	--	--
0010	1400+06 RW	-	1421+75 RW	RIVERSIDE TO WEBSTER RAMP	--	--	5,640	--	--	--	--	--
0010	1422+31 WE	-	1432+77 WE	WEBSTER TO 172 EB RAMP	--	--	3,850	--	--	--	--	--
0010	1408+45 EW	-	1416+70 EW	172EB TO WEBSTER RAMP	--	--	2,880	--	--	--	--	--
0010	1405+32 WB	-	1408+20 WB	RIVERSIDE TO 172WB	--	--	710	--	--	--	--	--
0010	1407+67 WR	-	1415+25 WR	WEBSTER TO RIVERSIDE RAMP	--	--	2,110	--	--	--	--	--
0010	1421+88 WBW	-	1433+66 WBW	172WB TO WEBSTER RAMP	--	--	3,390	--	--	--	--	--
0010	106+11 W	-	112+39 W	WEBSTER AVE	--	837	3,610	--	--	--	--	--
0010	20+70	-	27+94	CTH GV	--	--	4,290	--	--	--	--	--
0010	1524+79 EGV	-	1535+36 EGV	172EB TO GV RAMP	--	--	3,440	--	--	--	--	--
0010	1524+95 GVV	-	1536+36 GVV	GV TO 172WB RAMP	--	--	3,780	--	--	--	--	--
0010	1536+73 GVE	-	1549+22 GVE	GV TO 172EB RAMP	--	--	3,800	--	--	--	--	--
0010	1537+66 WGV	-	1548+98 WGV	172WB TO GV RAMP	--	9	--	--	--	--	--	--
0010	1593+81 SW	-	1638+43 SW	435B TO 172WB RAMP	--	--	4,550	--	--	--	--	--
0010		-		PARK & RIDE	--	--	--	--	--	--	--	--
TOTALS:						837	818	356,610	3,151	--	--	--

PROJECT NO: 1210-09-71

HWY: STH 172

COUNTY: BROWN

3:151

MISCELLANEOUS QUANTITIES

PLOT BY :

PLOT NAME : 0302001.mxd

PLOT SCALE : 1:00000:1.00000

SHEET NO: 172

E

Addendum No. 01
ID 1210-09-71
Revised Sheet 175
December 8, 2022

ASPHALT PAVEMENT ITEMS

CATEGORY	STATION	TO	STATION	LOCATION	LF	TACK		HMA PAVEMENT		ASPHALTIC SURFACE		ASPHALTIC SURFACE		TON
						COAT	WEDGE JOINT MILLING	4 LT 58-28 S	4 HT 58-28 S	4 SMA 58-28 V	PATCHING	TEMPORARY		
0010	1306+00 WB	-	1309+10 WB	WESTBOUND	310	250	167	124	124	124	465.0105*	465.0110	465.0125	
0010	1310+86 WB	-	1321+59 WB	WESTBOUND	1,073	840	546	432	432	432				
0010	1323+06 WB	-	1329+07 WB	WESTBOUND	691	590	441	277	277	277				
0010	1331+45 WB	-	1338+89 WB	WESTBOUND	774	600	388	312	312	312				
0010	1338+89 WB	-	1340+57 WB	WESTBOUND	168	140	90	90	90	90				
0010	1344+36 WB	-	1353+17 WB	WESTBOUND	881	640	373	354	354	354				
0010	1354+46 WB	-	1368+08 WB	WESTBOUND	1,362	1,000	748	748	748	748				
0010	1400+37 WB	-	1445+24 WB	WESTBOUND	4,487	2,860	986	1,903	1,903	1,903				
0010	1446+45 WB	-	1466+64 WB	WESTBOUND	2,019	1,100	388	723	723	723				
0010	1467+97 WB	-	1483+62 WB	WESTBOUND	1,565	830	350	523	523	523				
0010	1487+09 WB	-	1496+72 WB	WESTBOUND	963	510	215	319	319	319				
0010	1498+12 WB	-	1535+86 WB	WESTBOUND	3,774	2,270	503	1,648	1,648	1,648				
0010	1537+48 WB	-	1568+51 WB	WESTBOUND	3,103	2,050	406	1,520	1,520	1,520				
0010	1569+97 WB	-	1593+83 WB	WESTBOUND	2,386	1,860	383	1,364	1,364	1,364				
0010	1593+83 WB	-	1601+52 WB	WESTBOUND	769	420	114	117	117	117				
0010	1604+76 WB	-	1618+77 WB	WESTBOUND	1,401	740	224	198	198	198				
0010	1622+95 WB	-	1635+02 WB	WESTBOUND	1,207	630	191	170	170	170				
0010	1302+04 EB	-	1309+35 EB	EASTBOUND	731	680	545	294	294	294				
0010	1310+55 EB	-	1321+58 EB	EASTBOUND	1,103	910	631	444	444	444				
0010	1323+05 EB	-	1329+28 EB	EASTBOUND	673	490	288	271	271	271				
0010	1330+96 EB	-	1340+40 EB	EASTBOUND	944	910	761	380	380	380				
0010	1344+20 EB	-	1352+97 EB	EASTBOUND	877	520	353	224	224	224				
0010	1354+31 EB	-	1368+08 EB	EASTBOUND	1,377	1,030	309	705	705	705				
0010	1400+31 EB	-	1445+24 EB	EASTBOUND	4,493	1,830	151	1,459	1,459	1,459				
0010	1446+45 EB	-	1466+64 EB	EASTBOUND	1,993	1,320	412	904	904	904				
0010	1467+76 EB	-	1483+63 EB	EASTBOUND	1,587	850	356	531	531	531				
0010	1487+09 EB	-	1496+81 EB	EASTBOUND	972	520	348	348	348	348				
0010	1498+21 EB	-	1535+78 EB	EASTBOUND	3,757	2,110	603	1,471	1,471	1,471				
0010	1537+40 EB	-	1568+64 EB	EASTBOUND	3,124	1,850	450	1,355	1,355	1,355				
0010	1570+10 EB	-	1590+85 EB	EASTBOUND	2,075	1,220	316	613	613	613				
0010	1590+85 EB	-	436+34 EB	172 EB TO IH 43 NB RAMP	2,859	1,550	452	407	407	407				
0010	440+62 EB	-	455+27 EB	173 EB TO IH 43 NB RAMP	1,465	790	235	212	212	212				
0010	1327+86 YW	-	1335+22 YW	PILGRIM WAY TO 172WB RAMP	--	150	--	310	310	310				
0010	1331+49 WY	-	1333+97 WY	172WB TO PILGRIM WAY	--	150	--	303	303	303				
0010	1323+06 EH	-	1329+92 EH	172EB TO VANDERPERREN	--	140	--	277	277	277				
0010	1330+75 EH	-	1331+41 EH	172EB TO VANDERPERREN	--	30	--	52	52	52				
0010	1329+19 HE	-	1333+85 HE	VANDERPERREN WAY TO 172EB	--	290	--	587	587	587				
0010	73+80 R	-	96+14 R	RIVERSIDE	--	1,070	--	2,185	2,185	2,185				20
0010	81+75 ER	-	85+63 ER	172EB TO RIVERSIDE	--	240	--	487	487	487				
0010	1400+06 RW	-	1421+75 RW	RIVERSIDE TO WEBSTER RAMP	--	390	--	811	811	811				
0010	1422+31 WE	-	1432+77 WE	WEBSTER TO 172 EB RAMP	--	270	--	553	553	553				
0010	1408+45 EW	-	1416+70 EW	172EB TO WEBSTER RAMP	--	200	--	414	414	414				
0010	1402+74 WB	-	1408+20 WB	RIVERSIDE TO 172WB	--	110	--	710	710	710				
0010	1401+36 WR	-	1415+25 WR	WEBSTER TO RIVERSIDE RAMP	--	250	--	505	505	505				
0010	1421+88 WBWB	-	1433+66 WBWB	172WB TO WEBSTER RAMP	--	240	--	485	485	485				
0010	106+11 W	-	107+80 W	WEBSTER AVE	--	250	--	519	519	519				
0010	20+70	-	27+94	CTH GV	--	430	--	873	873	873				
0010	1522+79 EGV	-	1535+36 EGV	172EB TO GV RAMP	--	300	--	616	616	616				
0010	1524+95 GVV	-	1536+36 GVV	GV TO 172WB RAMP	--	240	--	494	494	494				
0010	1536+73 GVE	-	1549+22 GVE	GV TO 172EB RAMP	--	260	--	543	543	543				
0010	1537+66 WGV	-	1548+98 WGV	172WB TO GV RAMP	--	240	--	486	486	486				
0010	1593+81 SW	-	1638+43 SW	43SB TO 172WB RAMP	--	2,370	--	720	648	1,512				
0010		-		PARK & RIDE- HOFFMAN RD	--	320	--	530	530	530				
PROJECT 1210-09-71					54,963	41,880	13,070	32,426	23,551	301	250	250	20	
* ADDITIONAL QUANTITIES SHOWN ELSEWHERE														

Addendum No. 01
ID 1210-09-71
Revised Sheet 181
December 8, 2022

CONCRETE BARRIER TEMPORARY PRECAST

LOCATION	STATION	STATION	TEMPORARY PRECAST		CUSHIONS	BACK	OBJECT	CRASH	TRAFFIC	TRAFFIC	CRASH	CUSHION
			DELIVERED	INSTALLED								
			LF	LF	EACH	FT	PATTERN	LEVEL	DIRECTION	LOCATION	TEST	SHIELDS
STAGE 2A												
STH 172 EB	1442+73 EB	- 1446+73 EB	380	380	--	4	OM-3R	TL-3	--	L	--	TEMPORARY CONCRETE BARRIER
STH 172 EB	1442+73 EB	-	--	--	1							--
STH 172 EB	1492+90 EB	- 1498+27 EB	520	520	--	4	OM-3R	TL-3	--	L	--	TEMPORARY CONCRETE BARRIER
STH 172 EB	1492+90 EB	-	--	--	1							--
STH 172 EB	1531+07 EB	- 1537+41 EB	545	545	--	4	OM-3R	TL-3	--	L	--	TEMPORARY CONCRETE BARRIER
STH 172 EB	1531+07 EB	-	--	--	1							--
STH 172 WB	1565+73 WB	- 1570+63 WB	735	735	--	4	OM-3R	TL-3	--	L	--	TEMPORARY CONCRETE BARRIER
STH 172 WB	1570+63 WB	-	--	--	1							--
STAGE 2A SUBTOTALS			2180	2180								
STAGE 2B												
STH 172 EB	1482+90 EB	- 1498+27 EB	0	520	--	4	OM-3L	TL-3	--	R	--	TEMPORARY CONCRETE BARRIER
STH 172 EB	1482+90 EB	-	--	--	1							--
STH 172 EB	1532+56 EB	- 1536+71 EB	0	370	--	4	OM-3L	TL-3	--	R	--	TEMPORARY CONCRETE BARRIER
STH 172 EB	1532+56 EB	-	--	--	1							--
STH 172 WB	1445+24 WB	- 1449+69 WB	425	425	--	4	OM-3L	TL-3	--	R	--	TEMPORARY CONCRETE BARRIER
STH 172 WB	1449+69 WB	-	--	--	1							--
STH 172 WB	1535+00 WB	- 1541+03 WB	570	570	--	4	OM-3L	TL-3	--	R	--	TEMPORARY CONCRETE BARRIER
STH 172 WB	1541+03 WB	-	--	--	1							--
STH 172 WB	1568+72 WB	- 1573+19 WB	0	380	--	4	OM-3L	TL-3	--	R	--	TEMPORARY CONCRETE BARRIER
STH 172 WB	1573+19 WB	-	--	--	1							--
STAGE 2B SUBTOTALS			995	2,265								
TOTALS			3,175	4,445								

** FOR INFORMATION ONLY

TEMPORARY PAVEMENT MARKING

CATEGORY	STAGE/BRIDGE	646.9000 MARKING REMOVAL LINE 4-INCH		646.9055 * MARKING REMOVAL LINE GROOVED CONTRAST PERMANENT TAPE 4-INCH		646.9100 MARKING REMOVAL LINE 8-INCH		643.3105 TEMPORARY MARKING LINE PAINT 4-INCH 12.5 FT LINE 50 FT SKIP		643.3205 TEMPORARY MARKING LINE PAINT 8-INCH 12.5 FT LINE 50 FT SKIP		643.3120 TEMPORARY MARKING LINE EPOXY 4-INCH 12.5 FT LINE 50 FT SKIP		643.3220 TEMPORARY MARKING LINE EPOXY 8-INCH		REMARKS
		LF	LF	LF	LF	LF	LF	WHITE	YELLOW	LF	LF	WHITE	YELLOW	LF	LF	
0010	STAGE 1B	--	--	4,290	4,280	--	--	--	--	--	--	--	--	--	--	IH 43 NB TO STH 173 WB
0010	STAGE 2A	--	--	--	--	--	--	--	--	--	--	--	--	--	--	STH 172 EB/WB
0010	STAGE 2A/ EB B-05-172	3,885	65	5,050	1,580	370	370	5,050	1,580	780	780	5,050	1,580	370	370	STA 1436+54 - STA 1452+34 EB
0010	STAGE 2A/ EB B-05-176	3,725	40	3,375	1,580	--	--	3,375	1,580	--	--	3,375	1,580	--	--	STA 1486+96 - STA 1502+76 EB
0010	STAGE 2A/ EB B-05-180	4,540	40	4,065	2,030	55	55	4,065	2,030	--	--	4,065	2,030	55	55	STA 1522+69 - STA 1543+00 EB
0010	STAGE 2A/ WB B-05-181	5,550	75	6,795	2,265	--	--	6,795	2,265	--	--	6,795	2,265	--	--	STA 1558+18 - STA 1581+14 WB
0010	STAGE 2B	--	--	--	--	--	--	--	--	--	--	--	--	--	--	STH 172 EB/WB
0010	STAGE 2B/ WB B-05-171	4,295	40	3,845	1,925	--	--	3,845	1,925	--	--	3,845	1,925	--	--	STA 1439+10 - STA 1458+32 WB
0010	STAGE 2B/ EB B-05-178	1,965	40	3,135	1,570	--	--	3,135	1,570	--	--	3,135	1,570	--	--	STA 1487+09 - STA 1502+76 EB
0010	STAGE 2B/ EB B-05-180	--	--	4,065	2,030	--	--	4,065	2,030	--	--	4,065	2,030	--	--	STA 1522+69 - STA 1543+00 EB
0010	STAGE 2B/ WB B-05-179	3,940	40	3,525	1,765	--	--	3,525	1,765	--	--	3,525	1,765	--	--	STA 1528+60 - STA 1546+23 WB
0010	STAGE 2B/ WB B-05-181	--	--	5,165	1,720	--	--	5,165	1,720	--	--	5,165	1,720	--	--	STA 1563+82 - STA 1581+32 WB
0010	STAGE 2B/ EB B-05-172	--	--	2,295	1,580	--	--	2,295	1,580	390	390	2,295	1,580	--	--	STA 1436+54 - STA 1452+34 EB
0010	STAGE 2B/ EB B-05-176	--	--	1,980	1,580	--	--	1,980	1,580	--	--	1,980	1,580	--	--	STA 1486+96 - STA 1502+76 EB
0010	STAGE 3C	--	--	--	--	--	--	--	--	--	--	--	--	--	--	STH 172 EB/WB
0010	STAGE 2B/ WB B-05-171	--	--	2,410	1,925	--	--	2,410	1,925	--	--	2,410	1,925	--	--	STA 1439+10 - STA 1458+32 WB
0010	STAGE 2B/ EB B-05-180	--	--	2,390	1,905	--	--	2,390	1,905	55	55	2,390	1,905	--	--	STA 1522+69 - STA 1543+00 EB
0010	STAGE 2B/ WB B-05-179	--	--	2,215	1,765	--	--	2,215	1,765	--	--	2,215	1,765	--	--	STA 1528+60 - STA 1546+23 WB
0010	STAGE 2B/ WB B-05-181	--	--	2,560	1,765	--	--	2,560	1,765	--	--	2,560	1,765	--	--	STA 1563+82 - STA 1581+32 WB
0010	STAGE 3A	--	--	49,560	--	3,775	3,775	49,560	--	17,165	17,165	49,560	--	3,775	3,775	STH 172 EB/WB
0010	STAGE 3B	--	--	55,220	--	6,415	6,415	55,220	--	18,390	18,390	55,220	--	6,415	6,415	STH 172 EB/WB
TOTALS:		28,510	340	106,720	86,485	425	425	106,720	86,485	208,395	208,395	106,720	86,485	425	425	114,970

* ADDITIONAL QUANTITIES LISTED ELSEWHERE

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 ID 1210-09-71
 Revised Sheet 190
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Addendum No. 01
 ID 1210-09-71
 Revised Sheet 192
 December 8, 2022

TRAFFIC CONTROL SUMMARY (CONTINUED)

DURATION CALENDAR	643.0300	TRAFFIC CONTROL DRUMS	643.1070		643.0410		643.0420		643.0705		643.0715		643.0800		643.0900		643.1050		643.1205.S	
			CONES 42-INCH	TRAFFIC CONTROL BARRICADES TYPE II	TRAFFIC CONTROL BARRICADES TYPE III	TRAFFIC CONTROL WARNING LIGHTS TYPE A	TRAFFIC CONTROL WARNING LIGHTS TYPE C	ARROW BOARDS	TRAFFIC CONTROL SIGNS	TRAFFIC CONTROL SIGNS POMS	TRAFFIC CONTROL BASIC TRAFFIC	TRAFFIC CONTROL QUEUE WARNING SYSTEMS								
DAYS*	EACH	DAY	EACH	DAY	EACH	DAY	EACH	DAY	EACH	DAY	EACH	DAY	EACH	DAY	EACH	DAY	EACH	DAY	EACH	DAY
Stage 2A																				
STH 172 WB ADVANCED SIGNING	30	25	750	--	--	3	90	6	180	25	750	--	--	12	360	--	--	--	--	--
STH 172 EB ADVANCED SIGNING	30	200	6,000	--	--	2	60	4	120	50	1,500	2	60	47	1,410	1	7	1	7	30
IH 43 SB/STH 172 WB RAMP	30	--	--	--	--	1	30	2	60	30	900	--	--	8	240	1	7	1	7	30
IH 43 NB/STH 172 WB	30	--	--	--	--	1	30	2	60	30	900	--	--	7	210	1	7	1	7	30
SUB-TOTALS STAGE 2A			6,750	--	--	210	210	420	420	4,050	60	2,220	21	2,220	21	21	21	21	21	90
Stage 2B																				
STH 172 WB ADVANCED SIGNING	30	175	5,250	--	--	3	90	6	180	25	750	--	--	12	360	--	--	--	--	--
STH 172 EB ADVANCED SIGNING	30	64	1,920	--	--	2	60	4	120	50	1,500	2	60	60	1,800	1	7	1	7	30
IH 43 SB/STH 172 WB RAMP	30	20	600	--	--	1	30	2	60	30	900	--	--	8	240	1	7	1	7	30
IH 43 NB/STH 172 WB	30	20	600	--	--	1	30	2	60	30	900	--	--	8	240	1	7	1	7	30
CTH GV	30	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
WEBSTER AVE	30	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
SUB-TOTALS STAGE 2B			8,370	--	--	210	210	420	420	4,050	60	2,640	21	2,640	21	21	21	21	21	90
Stage 3A																				
STH 172 WB ADVANCED SIGNING	60	155	9,300	340	20,400	--	--	120	7,200	20	1,200	3	180	41	2,460	1	7	1	7	60
STH 172 WB UNEVEN LANES	60	--	--	--	--	--	--	--	--	--	--	--	--	12	720	--	--	--	--	--
STH 172 EB ADVANCED SIGNING	60	155	9,300	301	18,060	--	--	186	11,160	20	1,200	3	180	59	3,540	1	7	1	7	60
STH 172 EB UNEVEN LANES	60	--	--	--	--	--	--	--	--	--	--	--	--	12	720	--	--	--	--	--
IH 43 SB/STH 172 WB RAMP	60	70	4,200	--	--	7	420	14	840	20	1,200	3	180	21	1,260	1	7	1	7	60
IH 43 NB/STH 172 WB	60	55	3,300	--	--	7	420	14	840	20	1,200	--	--	16	960	1	7	1	7	60
PILGRAM WAY/STH 172 WB RAMP	60	10	600	--	--	--	--	--	--	--	--	--	--	1	60	1	7	1	7	60
STH 172 WB/ PILGRAM WAY RAMP	60	10	600	--	--	--	--	--	--	--	--	--	--	1	60	1	7	1	7	60
VANDERPERREN WAY/STH 172 EB RAMP	60	10	600	--	--	--	--	--	--	--	--	--	--	1	60	1	7	1	7	60
STH 172 EB/ VANDERPERREN WAY	60	10	600	--	--	--	--	--	--	--	--	--	--	1	60	1	7	1	7	60
RIVERSIDE DR/STH 172 WB RAMP	60	10	600	--	--	--	--	--	--	--	--	--	--	1	60	1	7	1	7	60
STH 172 EB/ RIVERSIDE RD RAMP	60	10	600	--	--	--	--	--	--	--	--	--	--	1	60	1	7	1	7	60
WEBSTER AVE/STH 172 EB RAMP	60	10	600	--	--	--	--	--	--	--	--	--	--	1	60	1	7	1	7	60
STH 172 EB/ WEBSTER AVE RAMP	60	10	600	--	--	--	--	--	--	--	--	--	--	1	60	1	7	1	7	60
WEBSTER AVE/ RIVERSIDE DR RAMP	60	10	600	--	--	--	--	--	--	--	--	--	--	1	60	1	7	1	7	60
WEBSTER AVE/ STH 172 WB RAMP	60	10	600	--	--	--	--	--	--	--	--	--	--	1	60	1	7	1	7	60
STH 172 WB/ WEBSTER AVE RAMP	60	10	600	--	--	--	--	--	--	--	--	--	--	1	60	1	7	1	7	60
CTH GV/STH 172 WB RAMP	60	10	600	--	--	--	--	--	--	--	--	--	--	1	60	1	7	1	7	60
STH 172 WB/ CTH GV RAMP	60	10	600	--	--	--	--	--	--	--	--	--	--	1	60	1	7	1	7	60
CTH GV/STH 172 WB RAMP	60	10	600	--	--	--	--	--	--	--	--	--	--	1	60	1	7	1	7	60
STH 172 EB/ CTH GV RAMP	60	10	600	--	--	--	--	--	--	--	--	--	--	1	60	1	7	1	7	60
CTH GV/STH 172 EB RAMP	60	10	600	--	--	--	--	--	--	--	--	--	--	1	60	1	7	1	7	60
IH 41 SB/STH 172 EB RAMP	60	40	2,400	--	--	--	--	--	--	20	1,200	--	--	1	60	1	7	1	7	60
IH 41 NB/STH 172 EB RAMP	60	40	2,400	--	--	--	--	--	--	20	1,200	--	--	1	60	1	7	1	7	60
SUB-TOTALS STAGE 3A			39,900	38,460	20,040	10,020	20,040	20,040	20,040	7,200	540	10,980	87	10,980	87	87	87	87	87	360

*FOR INFORMATION ONLY
 **TRAFFIC CONTROL QUANTITIES ARE CATEGORY 0010

TRAFFIC CONTROL SUMMARY (CONTINUED)

Table with columns for DURATION CALENDAR, 643.0300 TRAFFIC CONTROL DRUMS, 643.1070 TRAFFIC CONTROL CONES 42-INCH, 643.0410 TRAFFIC CONTROL BARRICADES TYPE II, 643.0420 TRAFFIC CONTROL BARRICADES TYPE III, 643.0705 TRAFFIC CONTROL WARNING LIGHTS TYPE A, 643.0715 TRAFFIC CONTROL WARNING LIGHTS TYPE C, 643.0800 TRAFFIC CONTROL ARROW BOARDS, 643.0900 TRAFFIC CONTROL SIGNS, 643.1050 TRAFFIC CONTROL SIGNS PCMS, 643.1205.S TRAFFIC CONTROL BASIC TRAFFIC QUEUE WARNING SYSTEMS. Includes sub-totals for STAGE 3B and TOTALS.

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CONCRETE JOINT AND CRACK CLEANING AND REPAIR
CATEGORY ROADWAY CTH GV
SPV.0090.03 LF
TOTALS: 7,525

TRAFFIC CONTROL SIGNS FIXED MESSAGE

Table with columns: CATEGORY, STAGE, LOCATION, SIGN CODE, HEIGHT INCH, WIDTH INCH, MESSAGE SF. Includes sub-totals for TOTALS: 40.

*FOR INFORMATION ONLY
**TRAFFIC CONTROL QUANTITIES ARE CATEGORY 0010

TOTAL ESTIMATED QUANTITIES

BID ITEM NUMBER	DESCRIPTION	UNIT	B-05-108	B-05-111	B-05-147	B-05-148	B-05-149	B-05-151	B-05-157	B-05-173	B-05-174	B-05-175	B-05-176	B-05-177	B-05-184	B-05-186	B-05-332	B-05-333	B-05-334	B-05-387	TOTALS
502.3205	PIGMENTED SURFACE SEALER RESEAL	SY	319	123	126	126	114	114	114	118	123	281	281	124	128	183	134	134	135	153	3,062
509.0301	PREPARATION DECKS TYPE 1	SY	--	16	7	3	5	5	--	--	--	--	--	--	--	--	--	--	--	--	28
509.0302	PREPARATION DECKS TYPE 2	SY	--	6	3	3	2	2	--	--	--	--	--	--	--	--	--	--	--	--	11
509.0310.S	SAWING PAVEMENT DECK PREPARATION AREAS	LF	--	160	70	70	50	50	--	--	--	--	--	--	--	--	--	--	--	--	280
509.1500	CONCRETE SURFACE REPAIR	SF	10	20	35	35	4	4	20	6	4	--	--	6	10	--	--	4	10	--	141
604.9001.S	RESEAL CRUSHED AGGREGATE SLOPE PAVING	SY	--	--	--	--	--	--	--	--	--	--	--	--	410	--	--	--	--	--	410
SPV.0035	RAPID SET DECK REPAIR (1)	CY	--	3	1	1	1	1	--	--	--	--	--	--	--	--	--	--	--	--	5
SPV.0060	CLEAN OUT BOX CELLS B-05-184	EACH	--	--	--	--	--	--	--	--	--	--	--	--	1	--	--	--	--	--	1
SPV.0090	BRIDGE DECK CRACK SEALING	LF	--	900	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	1,400	3,600
SPV.0090	JOINT SEALING	LF	150	123	143	119	216	117	117	85	88	80	80	81	82	--	113	143	64	146	2,059

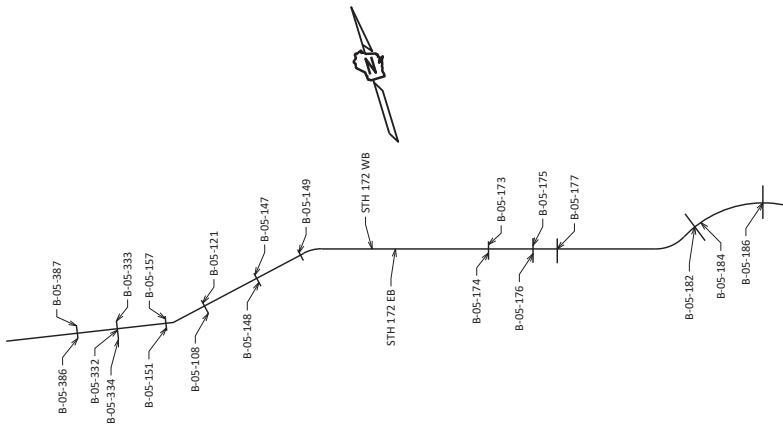
Addendum No. 01
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Revised Sheet 412
December 8, 2022

DESIGN DATA

MATERIAL PROPERTIES:
CONCRETE MASONRY:
SUBSTRUCTURE & APPARATUS
RAPID SET DECK REPAIR
ALCOHEK
f_c = 4,000 PSI
f_t = 3,500 PSI

TRAFFIC DATA

- STH 172 EB/WB (ASHLAND AVE):**
ADT = 12,000 (2020)
R.D.S. = 60 MPH
- STH 172 WB OVER BROADWAY ST.:**
ADT = 42,350 (2020)
R.D.S. = 60 MPH
- STH 172Z (REVERSIDRIVE):**
ADT = 98,500 (2019)
R.D.S. = 60 MPH
- STH 172 EB/WB (EAST RIVER DRIVE):**
ADT = 42,350 (2020)
R.D.S. = 70 MPH
- STH 172 WB (BELLEVUE STREET):**
ADT = 30,550 (2020)
R.D.S. = 70 MPH
- STH 172 EB (LIME KILN ROAD):**
ADT = 25,450 (2020)
R.D.S. = 70 MPH
- L-43 (KLONDIKE ROAD):**
ADT = 29,500 (2020)
R.D.S. = 70 MPH
- STH 172 EB/WB (HOLMGREN WAY):**
ADT = 29,450 (2020)
R.D.S. = 60 MPH
- STH 172 EB RAMP (HOLMGREN WAY):**
ADT = 5,800 (2020)
R.D.S. = 60 MPH
- STH 172 EB/WB (ONEIDA ST.):**
ADT = 29,450 (2020)
R.D.S. = 60 MPH



SUMMARY OF LOCATIONS

STRUCTURE ID	MUNICIPALITY	LOCATION
B-05-108	ASHWAUBENON	STH 172 EB OVER ASHLAND AVE.
B-05-121	ASHWAUBENON	STH 172 WB OVER ASHLAND AVE.
B-05-147	ASHWAUBENON	STH 172 WB OVER BROADWAY ST.
B-05-148	ASHWAUBENON	STH 172 EB OVER BROADWAY ST.
B-05-149	ASHWAUBENON	STH 172 WB OVER RIVERSIDE DR. - FOX RIVER
B-05-151	ASHWAUBENON	STH 172 EB OVER DUTCHMANS CREEK
B-05-157	ASHWAUBENON	STH 172 WB OVER DUTCHMANS CREEK
B-05-173	ALLOUEZ	STH 172 WB OVER EAST RIVER DR.
B-05-174	ALLOUEZ	STH 172 EB OVER EAST RIVER DR.
B-05-175	ALLOUEZ	STH 172 WB OVER EAST RIVER
B-05-176	ALLOUEZ	STH 172 EB OVER EAST RIVER
B-05-177	BELLEVUE	STH 172 WB OVER BELLEVUE ST.
B-05-182	BELLEVUE	STH 172 EB OVER CTY V/LIME KILN RD.
B-05-184	BELLEVUE	STH 172Z OVER BIG CREEK
B-05-186	BELLEVUE	L-43 OVER KLONDIKE RD.
B-05-322	ASHWAUBENON	STH 172 EB OVER HOLMGREN WAY
B-05-333	ASHWAUBENON	STH 172 WB OVER HOLMGREN WAY
B-05-334	ASHWAUBENON	STH 172 EB RAMP TO ASHLAND AVE.
B-05-386	ASHWAUBENON	STH 172 EB OVER ONEIDA ST.
B-05-387	ASHWAUBENON	STH 172 WB OVER ONEIDA ST.

NO. **11/30/22** DATE
BY **BID TECH CHANGE** REVISION
DATE **12/8/22**

STRUCTURE DESIGN CONTACTS:
DAN MONROE 608-266-8490
LAURA SHADEWALD 608-267-9592

ACCEPTED: _____ DATE _____
CHIEF STRUCTURES DESIGN ENGINEER

STRUCTURE **B-05-VARIOUS**

COUNTY BROWN TOWN/CITY/TOWNSHIP VARIAB

DESIGN FREQ. BROWN
REHABILITATION N/A
RESURFACING N/A
BY DLM IFC
DLM IFC

SHEET 1 OF 4
SUMMARY
BRIDGE REPAIR

SCALE = 1
DATE = DECEMBER 2022

B-05-108 REPAIR SUMMARY

BID ITEM	DESCRIPTION	UNIT	QTY	COMMENTS
502.3205	PIGMENTED SURFACE SEALER RESEAL	SY	319	APPLY TO ROADSIDE AND TOP FACES FOR FULL LENGTH OF BOTH PARAPETS
509.1500	CONCRETE SURFACE REPAIR	SF	10	PIER 3 COLUMN 2, SPALL NEAR SE END PARAPET, AND LARGE SPALL IN BACKWALL AT W. ABUTMENT
SPV.0090	JOINT SEALING	LF	150	--

B-05-121 REPAIR SUMMARY

BID ITEM	DESCRIPTION	UNIT	QTY	COMMENTS
502.3205	PIGMENTED SURFACE SEALER RESEAL	SY	319	APPLY TO ROADSIDE AND TOP FACES FOR FULL LENGTH OF BOTH PARAPETS
509.1500	CONCRETE SURFACE REPAIR	SF	12	PIER 1 COLUMN 3, PIER 2 COLUMN 4 AND LARGE SPALLS IN BACKWALL AT W. ABUTMENT
SPV.0090	JOINT SEALING	LF	123	--

B-05-147 REPAIR SUMMARY

BID ITEM	DESCRIPTION	UNIT	QTY	COMMENTS
502.3205	PIGMENTED SURFACE SEALER RESEAL	SY	123	APPLY TO ROADSIDE AND TOP FACES FOR FULL LENGTH OF BOTH PARAPETS
509.0801	PREPARATION DECK TYPE 1	SY	16	DECK PATCHING
509.0302	PREPARATION DECK TYPE 2	SY	6	DECK PATCHING
509.0310.S	SAWING PANEMENT DECK PREPARATION AREAS	LF	160	--
509.1500	CONCRETE SURFACE REPAIR	SF	20	SE AND SW WINGS AND SPALL AT W. ABUTMENT
SPV.0035	RAPID SET DECK REPAIR	CY	3	DECK PATCHING
SPV.0090	JOINT SEALING	LF	143	--
SPV.0090	BRIDGE DECK CRACK SEALING	LF	900	--

B-05-148 REPAIR SUMMARY

BID ITEM	DESCRIPTION	UNIT	QTY	COMMENTS
502.3205	PIGMENTED SURFACE SEALER RESEAL	SY	126	APPLY TO ROADSIDE AND TOP FACES FOR FULL LENGTH OF BOTH PARAPETS
509.0801	PREPARATION DECKS TYPE 1	SY	7	DECK PATCHING
509.0302	PREPARATION DECKS TYPE 2	SY	3	DECK PATCHING
509.0310.S	SAWING PANEMENT DECK PREPARATION AREAS	LF	70	--
509.1500	CONCRETE SURFACE REPAIR	SF	35	SE/SW WINGS, PIER 2 COLUMN 2 DELAMINATION, PIER 2 COLUMN 3 SPALL, W./E. ABUTMENT SPALLS, SW PARAPET
SPV.0035	RAPID SET DECK REPAIR	CY	1	DECK PATCHING
SPV.0090	JOINT SEALING	LF	119	--

B-05-149 REPAIR SUMMARY

BID ITEM	DESCRIPTION	UNIT	QTY	COMMENTS
SPV.0090	JOINT SEALING	LF	216	--

B-05-151 REPAIR SUMMARY

BID ITEM	DESCRIPTION	UNIT	QTY	COMMENTS
502.3205	PIGMENTED SURFACE SEALER RESEAL	SY	114	APPLY TO ROADSIDE AND TOP FACES FOR FULL LENGTH OF BOTH PARAPETS
509.0301	PREPARATION DECKS TYPE 1	SY	5	DECK PATCHING
509.0802	PREPARATION DECKS TYPE 2	SY	2	DECK PATCHING
509.0310.S	SAWING PAVEMENT DECK PREPARATION AREAS	LF	50	--
509.1500	CONCRETE SURFACE REPAIR	SF	4	SPALL AT SW. ABUTMENT CORNER
SPV.0035	RAPID SET DECK REPAIR	CY	1	DECK PATCHING
SPV.0090	JOINT SEALING	LF	117	--

STATE PROJECT NUMBER

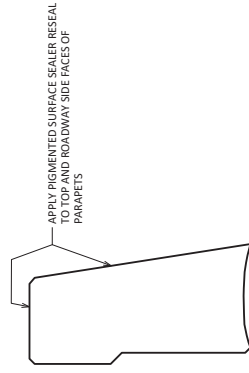
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GENERAL NOTES

PIGMENTED SURFACE SEALER RESEAL TO BE APPLIED TO THE TOP AND FRONT FACE OF PARAPETS. PREPARATION DECKS TYPE 1 & TYPE 2 AREAS ARE BASED ON THE PLANS AND AS DETERMINED BY THE ENGINEER. DECK PREPARATION AREAS SHALL BE FILLED WITH "RAPID SET DECK REPAIR".

JOINT SEALING AREAS ARE TO BE APPLIED AT THE INTERFACE BETWEEN THE APPROACH SLAB AND STRUCTURE PAVING NOTCHES. DO NOT APPLY THE JOINT SEALANT AT MECHANICAL JOINTS OR STRIP SEAL JOINTS. DO NOT APPLY UNTIL AFTER THE HMA OVERLAY OF THE APPROACH SLAB IS COMPLETE.

BOX CULVERT CLEANING LIMITS ARE THE ENDS OF THE EXISTING APRON ENDWALLS.



PIGMENTED SURFACE SEALER RESEAL DETAIL

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Revised Sheet 413
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11/19/22	NO.	DATE	REVISION	BY	DLM
BID ITEM CHANGE & GEN. NOTES					
STATE OF WISCONSIN DEPARTMENT OF TRANSPORTATION STRUCTURES DESIGN SECTION					
STRUCTURE			B-05-VARIOUS		
DRAWN BY			DLM		
CHECKED BY			JFC		
PROJECT NO.			B-05-108/121/ 147-149/151		
SHEET			2		
DESCRIPTION			REPAIRS		
			413		

12/8/22

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 Revised Sheet 435
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STATE PROJECT NUMBER
1210-09-71

DESIGN DATA

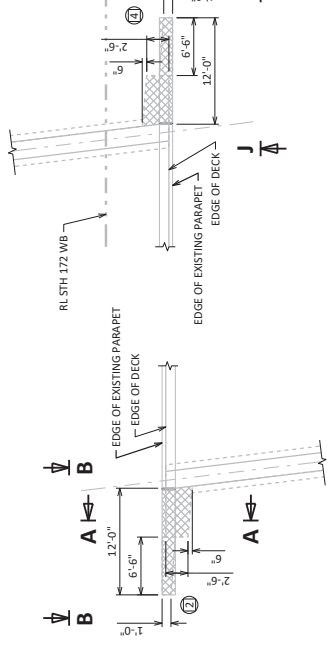
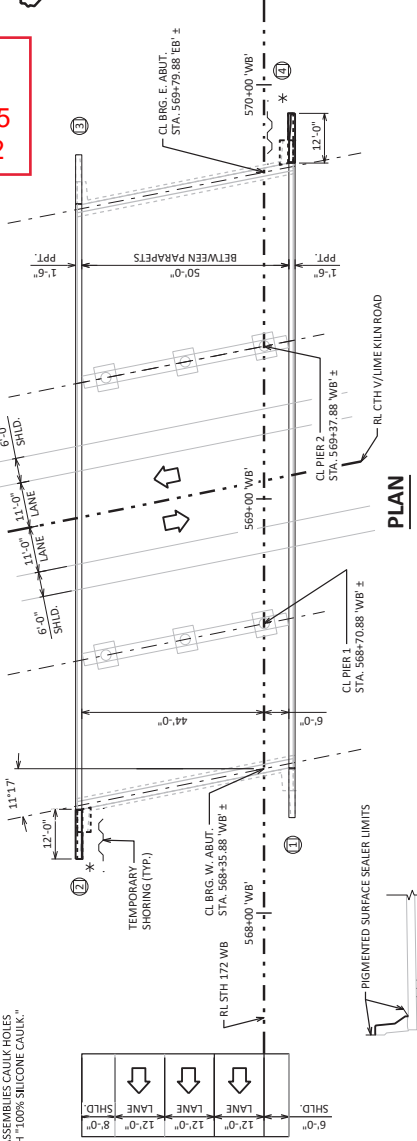
LIVELOAD: (OBTAINED FROM HS17/2022)
 DESIGN LOADING: HS-20
 INVENTORY RATING: HS-21
 OPERATING RATING: HS-30

MATERIAL PROPERTIES:

CONCRETE MASONRY: $f'_c = 4,000 \text{ PSI}$
 RAPID SET DECK REPAIR: $f'_c = 4,000 \text{ PSI}$
 BAR STEEL REINFORCEMENT: GRADE 60

GENERAL NOTES

- DRAWINGS SHALL NOT BE SCALED.
- BAR STEEL REINFORCEMENT SHALL BE EMBEDDED 2" CLEAR UNLESS OTHERWISE SHOWN OR NOTED.
- THE FIRST OR FIRST TWO DIGITS OF THE BAR MARK SIGNIFIES THE BAR SIZE.
- BEVEL EXPOSED EDGES OF CONCRETE $\frac{3}{4}$ " UNLESS OTHERWISE NOTED.
- PIGMENTED SURFACE SEALER APPLIED TO THE FRONT FACE AND TOP OF NEW PARAPETS ON WINGS. APPLICATION TO FRONT FACE AND TOP OF EXISTING PARAPETS COVERED UNDER "PIGMENTED SURFACE SEALER RESEAL".
- DIMENSIONS SHOWN ARE BASED ON THE ORIGINAL STRUCTURE PLANS.
- CONCRETE SURFACE REPAIR AREA ARE ANTICIPATED AT SPALLS AT SW, NW AND SE ABUTMENT CORNERS. LIMITS AND EXTENTS SHALL BE DETERMINED BY THE FIELD ENGINEER.
- AT THE BACK FACE OF WING ALL VOLUME WHICH CANNOT BE PLACED BEFORE WING CONSTRUCTION AND IS NOT OCCUPIED BY THE NEW WING SHALL BE BACKFILLED WITH STRUCTURE BACK FILL TYPE A.
- THE QUANTITY FOR BACKFILL STRUCTURE IS CALCULATED BASED ON THE DETAIL SHOWN IN THE PLANS.
- ALL LINES OF REPAIR SHALL BE DEFINED BY A 1" DEEP SAW CUT.
- PREPARATION DECK TYPE 1 AREA IS ANTICIPATED AT THE E. SPAN AND IS PERFORMED BY THE ENGINEER. DECK PREPARATION SHALL BE FILLED WITH "RAPID SET DECK REPAIR".
- JOINT SEALING AREAS ARE TO BE APPLIED AT THE INTERFACE BETWEEN THE APPROACH SLAB AND STRUCTURE PAWING NOTCHES. DO NOT APPLY THE JOINT SEALANT AT MECHANICAL JOINTS OR AT SPALL JOINTS. DO NOT APPLY UNTIL AFTER THE FINAL CURELAY OF THE APPROACH SLABS IS COMPLETE.

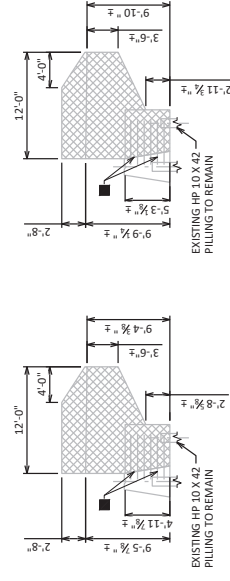


PARTIAL CROSS SECTION THRU BRIDGE
 LOOKING EAST (UPSTATION)

TOTAL ESTIMATED QUANTITIES

BID ITEM NUMBER	BID ITEMS	UNIT	TOTAL
203.0220	REMOVING OLD STRUCTURE (B-05-181)	EACH	1
206.1001	EXCAVATION FOR STRUCTURES BRIDGES (B-05-181)	EACH	1
210.1500	BACKFILL STRUCTURE TYPE A	TON	50
502.0100	CONCRETE MASONRY BRIDGES	CY	22
502.3205	PIGMENTED SURFACE SEALER RESEAL	SY	118
502.3210	PIGMENTED SURFACE SEALER	SY	10
502.4205	ADHESIVE ANCHORS NO. 5 BAR	EACH	12
502.4206	ADHESIVE ANCHORS NO. 6 BAR	EACH	14
505.0600	BAR STEEL REINFORCEMENT HS COATED STRUCTURES	LB	2,510
509.0301	PREPARATION DECKS TYPE 1	SY	1
509.1500	CONCRETE SURFACE REPAIR	SF	12
511.1200	TEMPORARY SHORING (B-05-181)	SF	460
516.0500	RUBBERIZED MEMBRANE WATERPROOFING	SY	4
604.9015.5	RESEAL CRUSHED AGGREGATE SLOPE PAVING	SY	490
612.0406	PIPE UNDERDRAIN WRAPPED 6-INCH	LF	50
614.0150	ANCHOR ASSEMBLIES FOR STEEL PLATE BEAM GUARD	EACH	2
SPV.0035	RAPID SET DECK REPAIR	CY	1
SPV.0090	JOINT SEALING	LF	102
	NON-BID ITEMS		
	FILLER	SIZE	$\frac{3}{4}$ "

EXISTING WING 2 & 4 AND W/E ABUT.



EXISTING ELEVATION
 SHOWING REMOVAL LIMITS

LINE OF CONCRETE REMOVAL. PRESERVE EXISTING HORIZONTAL SURFACE OF CONCRETE. INCORPORATE INTO NEW WORK

EXISTING SECTION A-A
 SHOWING REMOVAL LIMITS FOR WING 2, WING 4 SIMILAR

VARIES

LIST OF DRAWINGS:

1	REMOVAL DETAILS
2	WING 2 DETAILS
3	WING 4 DETAILS
4	SLOPED FACE PARAPET "B"

12/8/22

STRUCTURE DESIGN CONTACTS:
 ISATOU CEESAY 608-266-9557
 LAURA SHADEWALD 608-267-9592

NO. DATE REVISION IFC BY

11/30/22 BID TECH CHANGE IFC

BUREAU OF STRUCTURES

ACCEPTED: CHIEF STRUCTURES DESIGN ENGINEER DATE

STRUCTURE B-05-181

COUNTY: ST. LOUIS MO. OVER CITY/VOLUME: RULIN RD.

DESIGNER: BROWN TOWN BELLEVUE

REHABILITATION N/A REVISION IFC EKD DLM

BY IFC EKD

REMOVAL DETAILS

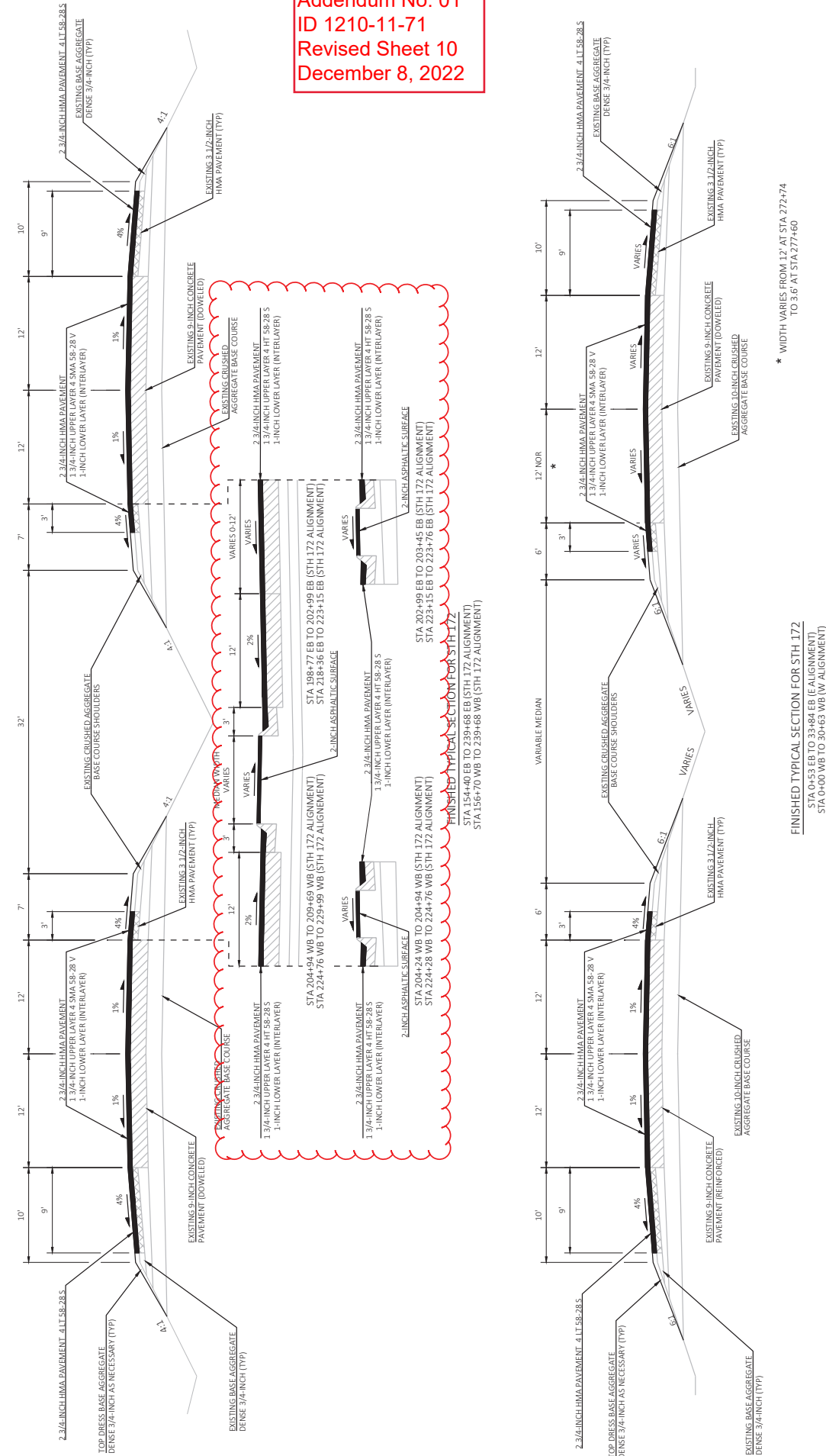
SHEET 1 OF 4

435

SCALE = 3/0

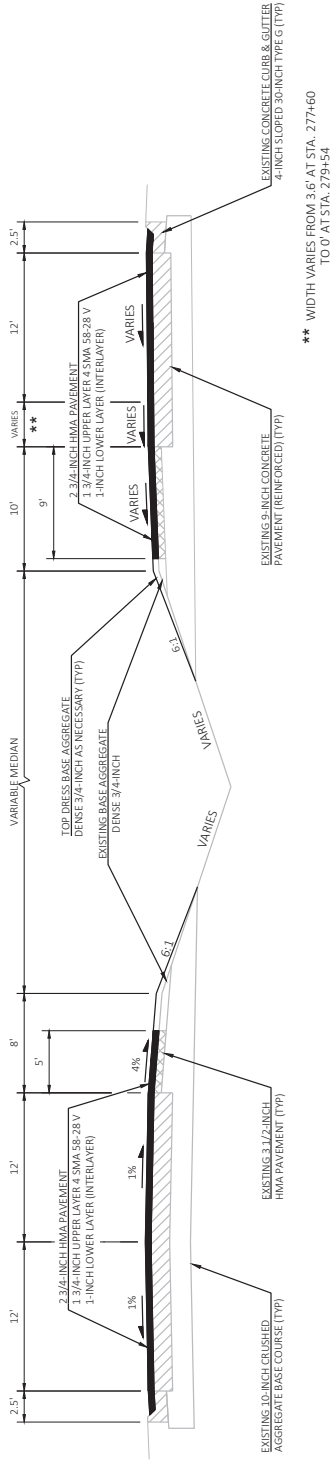
DATE: DECEMBER 2022

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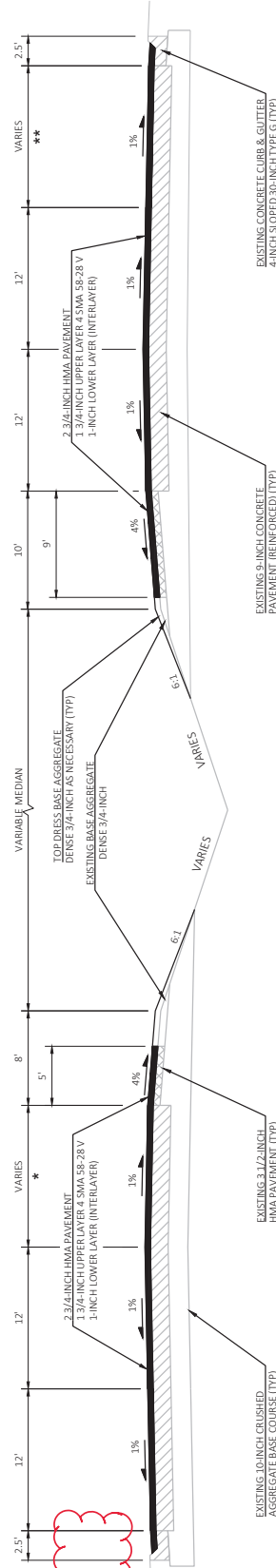
PROJECT NO: 1210-11-71	COUNTY: BROWN	TYPICAL SECTIONS	SHEET 10	E
FILE NAME: C:\2021\021089 - WISDOT STH 172\CV\130\12101100\SHETS\PLAN\02301-15.DWG	LAYOUT NAME: 003DF-15	HWY: STH 172	PLOT DATE: 12/2/2022 11:13 AM	PLOT BY: ANTHONY MARCOE
			PLOT SCALE: 1/8"=10' FT	WISDOT/CAD/SHEET 42

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FINISHED TYPICAL SECTION FOR STH 172
 STA 33+84 EB TO 40+96 EB (E ALIGNMENT)
 STA 30+63 WB TO 32+50 WB (W ALIGNMENT)

** WIDTH VARIES FROM 3.6' AT STA. 277+60 TO 0' AT STA. 279+54



FINISHED TYPICAL SECTION FOR STH 172
 STA 41+06 EB TO 45+32 EB (E ALIGNMENT)
 STA 32+50 WB TO 41+08 WB (W ALIGNMENT)

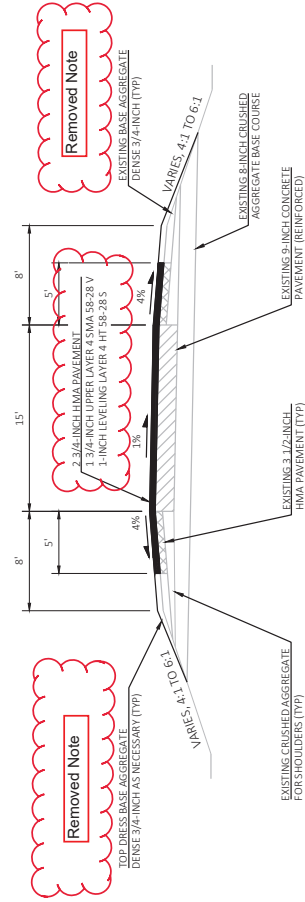
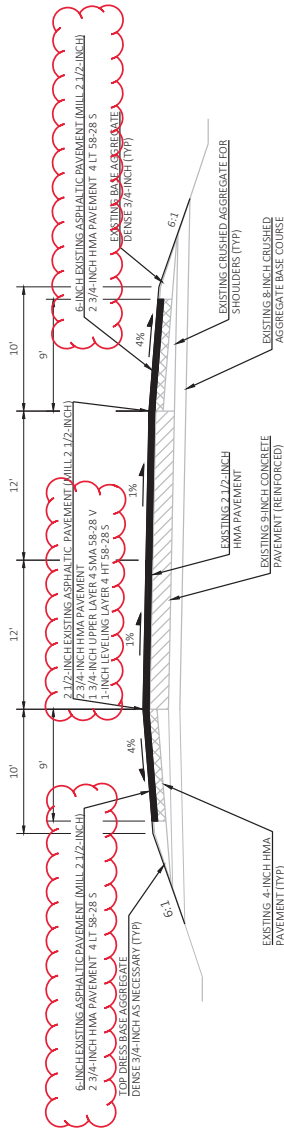
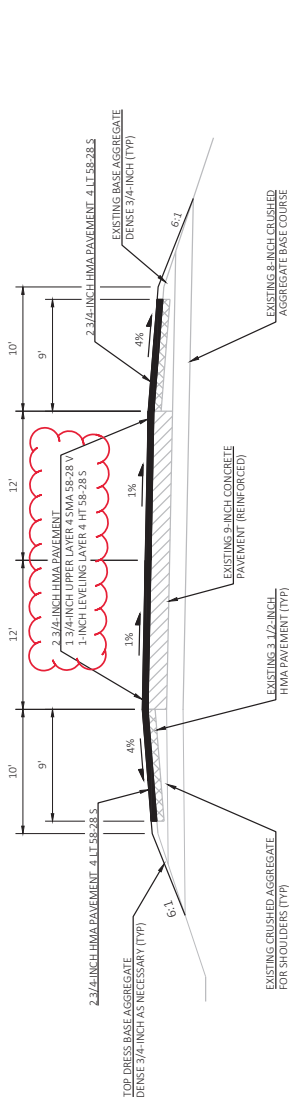
* WIDTH VARIES FROM 0' AT STA. 276+50 TO 18' AT STA. 285+30

** WIDTH VARIES FROM 18' AT STA. 281+78 TO 12' AT STA. 284+31

Removed Note

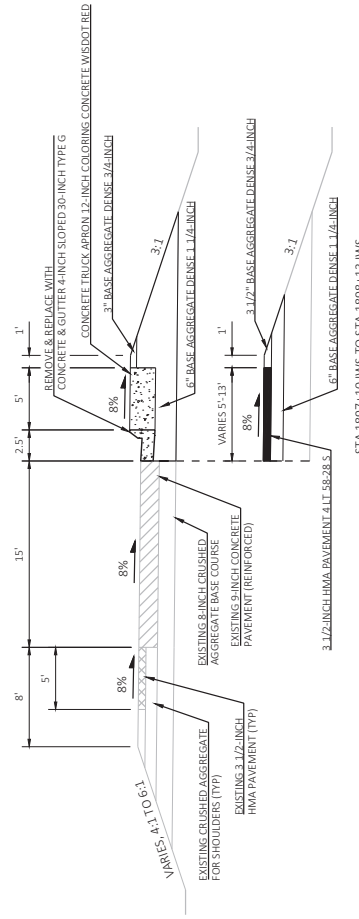
PROJECT NO: 1210-11-71	COUNTY: BROWN	TYPICAL SECTIONS	SHEET 11	E
FILE NAME: C:\2021\2021089 - WISDOT STH 172\CM\130\12101100\SHETS\PLAN\02800-15.DWG	DATE: 12/2/2022 11:14 AM	FLYBY: ANTHONY MARCO	PLOT SCALE: 1/8"=10'	WISDOT/CAD/SHEET 42
LAYOUT NAME: 00388-15				

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ID 1210-11-71
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December 8, 2022



PROJECT NO: 1210-11-71	COUNTY: BROWN	TYPICAL SECTIONS	SHEET 13	E
FILE NAME: C:\2021\021089-WIS001 5TH 172\CV\130\12101100\SHETS\PLAN020301-15.DWG	LAYOUT NAME: 00310-15	PLOT DATE: 12/5/2022 2:50 PM	PLOT NAME: ANTHONY MARCOE	PLOT SCALE: 1IN=10 FT

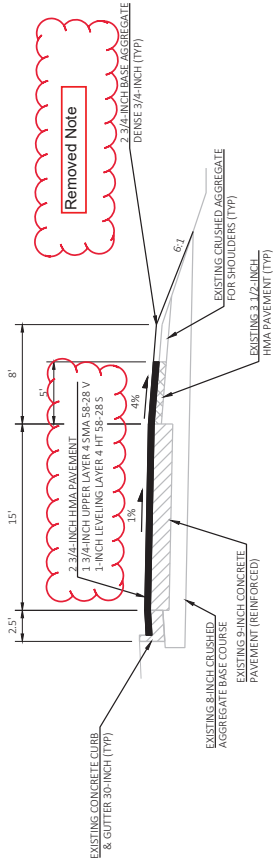
Addendum No. 01
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FINISHED TYPICAL SECTION FOR RAMPS

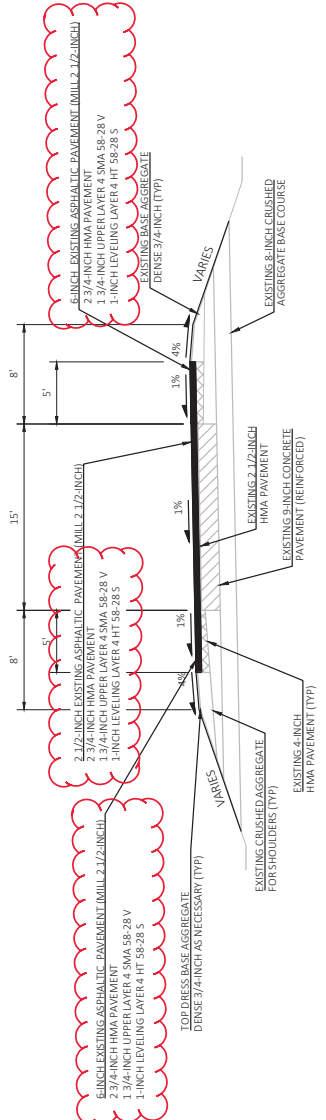
STA 1894+90 IWS TO 1898+13 IWS (WB 5TH 172 RAMP TO SB IH 41)

STA 1897+10 IWS TO STA 1898+13 IWS



FINISHED TYPICAL SECTION FOR RAMPS

STA 277+86 IEN TO 282+84 IEN (EB 5TH 172 RAMP TO NB IH 41)



FINISHED TYPICAL SECTION FOR RAMPS

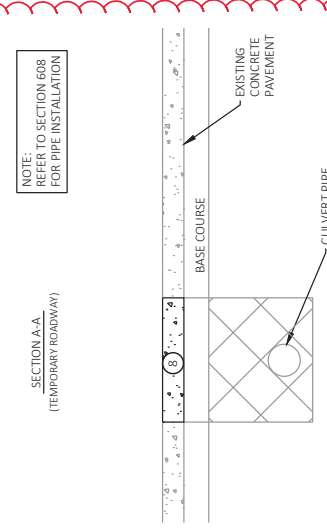
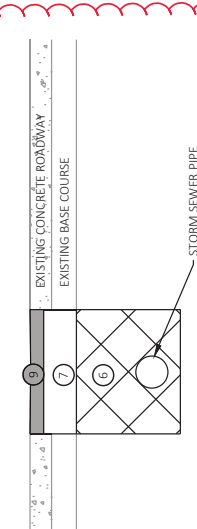
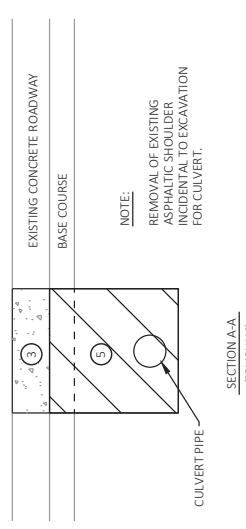
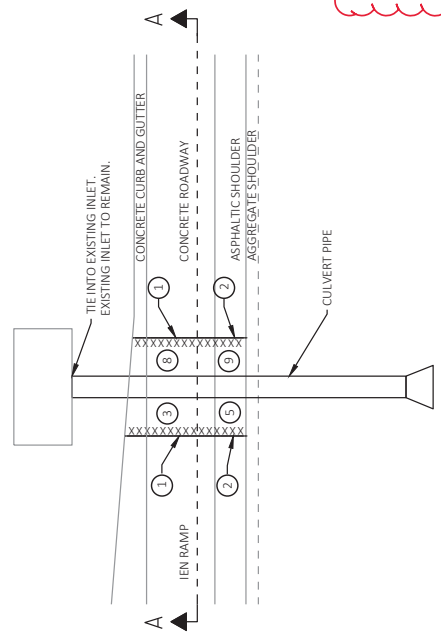
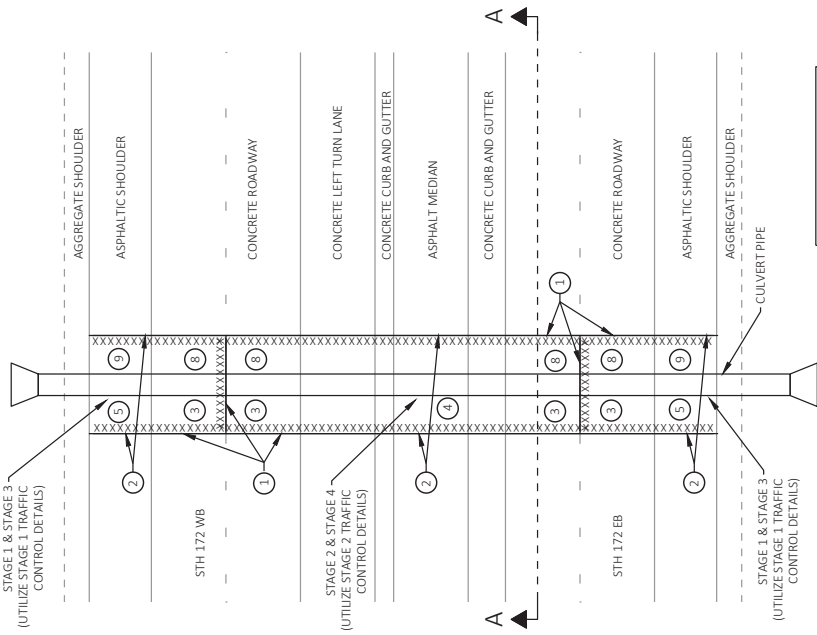
STA 1881+90 INW TO STA 1891+59 INW (NB IH 41 RAMP TO WB 5TH 172)

STA 2693+52 ISW TO STA 2698+84 ISW (SB IH 41 RAMP TO WB 5TH 172)

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 December 8, 2022

2

2



LEGEND

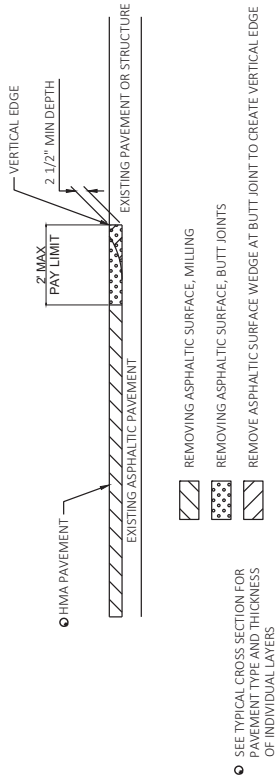
- 1 SAWING CONCRETE (PAID SEPARATELY)
- 2 SAWING ASPHALT (PAID SEPARATELY)
- 3 REMOVING CONCRETE PAVEMENT (PAID SEPARATELY)
- 4 REMOVING ASPHALTIC SURFACE (PAID AS EXCAVATION COMMON)
- 5 EXCAVATION FOR CULVERT (INCIDENTAL TO CULVERT)
- 6 CULVERT BACKFILL (INCIDENTAL TO CULVERT)
- 7 8" BASE AGGREGATE DENSE 1 1/4" INCH
- 8 CONCRETE BASE 9-INCH
- 9 ASPHALTIC SURFACE TEMPORARY 5-INCH

NOTE:
 REFER TO SECTION 608
 FOR PIPE INSTALLATION

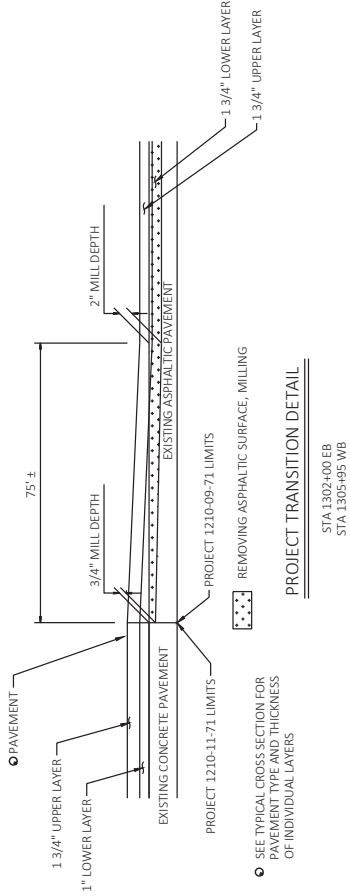
NOTE:
 CULVERT TO BE PLACED WITH
 STAGED CONSTRUCTION

CROSS CULVERT PAVEMENT REPLACEMENT

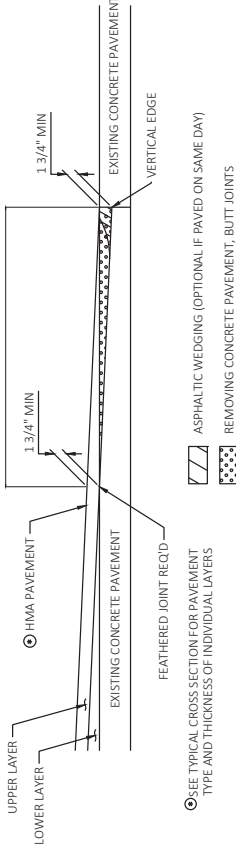
STA. 277452
 STA. 278423 10'



BUTT JOINT DETAIL FOR ASPHALTIC PAVEMENTS (NO PROFILE CHANGE)

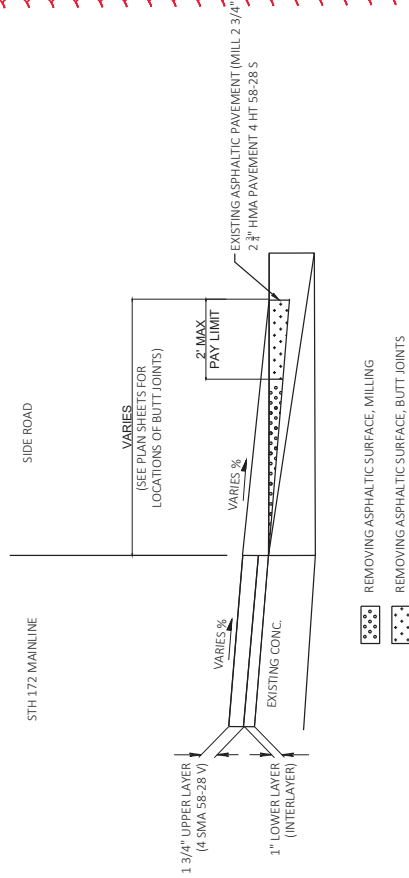


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BUTT JOINT DETAIL FOR CONCRETE PAVEMENTS (PROFILE CHANGE)

BEGIN PROJECT LIMITS
STH 172 EB TO H 41 NB RAMP
STH 172 EB TO H 41 SB RAMP
STH 172 WB TO H 41 NB RAMP



REMOVING SMALL PIPE CULVERTS

CATEGORY	STATION	TO	STATION	LOCATION	REMARKS
0010	227+51	-	227+54	STH 172	203.0100 EACH 1 148 LF, 24" CMP
CATEGORY 0010 TOTAL: 1					
0020	278+33 IEN	-	278+35 IEN	IEN RAMP	96 LF, 18" CMP
CATEGORY 0020 TOTAL: 1					
PROJECT TOTAL: 2					

PAVEMENT REMOVAL

CATEGORY	STATION	TO	STATION	LOCATION	SY	204.0100*	204.0105	204.0110	204.0115	204.0120	204.0109.S	204.0180.S
						REMOVING CONCRETE PAVEMENT	REMOVING CONCRETE PAVEMENT	REMOVING ASPHALTIC SURFACE	REMOVING ASPHALTIC SURFACE	REMOVING ASPHALTIC SURFACE	REMOVING CONCRETE SURFACE	REMOVING ASPHALTIC SURFACE
						BUTT JOINTS	BUTT JOINTS	BUTT JOINTS	BUTT JOINTS	MILLING	PARTIAL DEPTH	MILLING SPECIAL
0010	154+40	-	179+09	STH 172 EB	--	270	--	3	130	--	--	19
0010	156+70	-	178+98	STH 172 WB	--	270	--	3	130	--	--	--
0010	179+09	-	200+01	STH 172 EB	--	--	--	--	--	--	--	--
0010	178+98	-	200+02	STH 172 WB	--	--	--	--	--	--	--	--
0010	200+01	-	219+63	STH 172 EB	--	--	--	--	--	--	--	95
0010	200+02	-	219+64	STH 172 WB	--	--	--	--	--	--	--	--
0010	219+63	-	239+68	STH 172 EB	--	--	--	--	--	--	--	266
0010	219+64	-	239+68	STH 172 WB	--	--	--	--	--	--	--	53
0010	202+90	-	202+90	STH 172	--	--	--	--	--	25	--	--
0010	205+10	-	205+10	STH 172	--	--	--	--	--	35	--	--
0010	222+95	-	222+95	STH 172	--	--	--	--	--	25	--	--
0010	224+90	-	224+90	STH 172	--	--	--	--	--	25	--	--
0010	SOUTH POINT ROAD	-		STH 172	--	--	--	30	1,240	--	--	--
0010	PACKERLAND DRIVE	-		STH 172	--	--	940	40	1,690	--	--	--
0010	BABCOCK ROAD	-		STH 172	--	800	30	30	1,060	--	--	--
CATEGORY 0010 TOTALS:					--	540	1,740	105	4,250	110	434	

CATEGORY	STATION	TO	STATION	LOCATION	SY	204.0100*	204.0105	204.0110	204.0115	204.0120	204.0109.S	204.0180.S
						REMOVING CONCRETE PAVEMENT	REMOVING CONCRETE PAVEMENT	REMOVING ASPHALTIC SURFACE	REMOVING ASPHALTIC SURFACE	REMOVING ASPHALTIC SURFACE	REMOVING CONCRETE SURFACE	REMOVING ASPHALTIC SURFACE
						BUTT JOINTS	BUTT JOINTS	BUTT JOINTS	BUTT JOINTS	MILLING	PARTIAL DEPTH	MILLING SPECIAL
0020	0+00 'E'	-	60+00 'EE'	STH 172 EB	--	--	--	--	--	--	--	539
0020	0+00 'W'	-	60+00 'W'	STH 172 WB	--	--	--	--	--	--	--	311
0020	45+32	-	59+42	STH 172 WB	--	--	--	5	5	--	--	--
0020	41+08	-	61+77	STH 172 WB	--	--	--	5	5	--	--	--
0020	889+17	-	897+76	ISE RAMP	--	--	--	10	10	--	--	77
0020	900+31	-	905+50	ISE RAMP	--	--	--	15	15	2,480	--	7
0020	264+94	-	277+86	IEN RAMP	--	5	--	5	5	--	--	182
0020	1856+19	-	1867+60	IES RAMP	--	5	--	5	5	--	--	19
0020	1881+30	-	1885+75	IEN RAMP	--	--	--	10	10	1,400	--	42
0020	1888+76	-	1891+57	IEN RAMP	--	--	--	10	10	890	--	--
0020	260+84	-	269+32	IEN RAMP	--	--	--	10	10	2,460	--	130
0020	1880+16	-	1894+90	IEN RAMP	2,732	--	--	--	--	1,090	--	89
0020	1879+93	-	1890+22	IEN RAMP	--	10	--	5	5	--	--	127
CATEGORY 0020 TOTALS:					2,732	20	80	8,320	110	1,957		

*ADDITIONAL QUANTITIES ELSEWHERE

PROJECT TOTALS:	2,732	560	1,740	185	12,570	110	1,957
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PROJECT NO: 1210-11-71	COUNTY: BROWN	MISCELLANEOUS QUANTITIES	SHEET NO: 81
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FILE NAME : 015021039_STH 172\CIVIL\3D\12101171\18HEETS\PLAN\030201.mxd PLOT DATE : 12/6/2022 12:16 PM PLOT BY : PLOT NAME : 030201.mxd PLOT SCALE : 1.000000:1.000000 WISDOT / CADDIS SHEET 42

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ASPHALT PAVEMENT ITEMS

CATEGORY	STATION	TO	STATION	ALIGNMENT	LF	REMOVING ASPHALTIC LONGITUDINAL NOTCHED WEDGE JOINT MILLING	204.0126-S		TACK COAT	455.0605		SPV-0195-01	460.5224		460.8624	465.0105*	465.0110		465.0125	460.0120-S				
							HMA PAVEMENT			HMA PAVEMENT			ASPHALTIC SURFACE				ASPHALTIC SURFACE			HMA PAVEMENT		HMA PAVEMENT		
							INTERLAYER	4 LT 58-28 S		4 HT 58-28 S	4 SMA 58-28 V		TON	TON			TON	TON		TON	TON	TON	TON	TON
0010	154+40	-	179+09	STH 172 EB	2,469		1,430	318	2,469		390	26	703		2									
0010	156+70	-	178+98	STH 172 WB	2,228		1,600	397	2,228		352	23	828											
0010	179+09	-	200+01	STH 172 EB	2,092		1,360	325	2,092		331	43	692											
0010	178+98	-	200+02	STH 172 WB	2,004		1,430	346	2,004		333	86	731											
0010	200+01	-	219+63	STH 172 EB	1,962		1,350	332	1,962		310	168	697		10									
0010	200+02	-	219+64	STH 172 WB	1,962		1,260	296	1,962		310	177	635											
0010	219+63	-	239+68	STH 172 EB	2,005		1,300	310	2,005		317	156	662		27									
0010	219+64	-	239+68	STH 172 WB	2,004		1,330	319	2,004		317	147	677		5									
0010	CULVERT STA 227+52																							
0010	CULVERT PIPE- MEDIUM																							
0010	SOUTH POINT ROAD																							
0010	PACKERLAND DRIVE																							
0010	BABCOCK DRIVE																							
PROJECT TOTALS																								
CATEGORY 0010 TOTALS							16,826	11,100	2,644	2,661	1,471	5,625	58	0	50	0	0	0	0	0	0	0	0	0
0020	0+53 E	-	21+22 E	STH 172 EB	2,069		1,440	355	2,069		327		744		40									
0020	21+22 E	-	33+84 E	STH 172 EB	1,262		790	185	1,262		200		399		4									
0020	0+00 W	-	30+63 W	STH 172 WB	3,063		2,210	551	3,063		484		1,146		30									
0020	30+63 W	-	33+00 W	STH 172 WB	237		140	50	237				88											
0020	33+84 E	-	40+96 E	STH 172 EB	712		640	229	712		400		400		5									
0020	41+06 EE	-	45+32 EE	STH 172 EB	426		340	123	426				215											
0020	33+00 W	-	41+08 W	STH 172 WB	808		600	164	808		103		325											
0020	45+32 EE	-	59+42 EE	STH 172 EB	1,410		1,330	365	1,410		223		722		11									
0020	41+08 W	-	61+77 W	STH 172 WB	2,069		2,130	602	2,069		327		1,176		4									
0020	889+17 ISE	-	897+76 ISE	ISE RAMP	859		660		859				236		8									
0020	900+31 ISE	-	905+50 ISE	ISE RAMP	519		400		519				142		1									
0020	254+94 IEN	-	277+86 IEN	IEN RAMP			510						182		11									
0020	1856+19 IES	-	1867+60 IES	IES RAMP			730						264		4									
0020	1883+60 IWS	-	1888+43 IWS	IWS RAMP			10								4									
0020	1888+43 IWS	-	1894+90 IWS	IWS RAMP			6								5									
0020	1881+30 INW	-	1885+75 INW	INW RAMP			230						81		4									
0020	1888+76 INW	-	1891+57 INW	INW RAMP			140						52											
0020	260+84 ISW	-	269+32 ISW	ISW RAMP			370						134		13									
0020	277+86 IEN	-	282+84 IEN	IEN RAMP			190						68		3									
0020	1880+16 IWS	-	1883+60 IWS	IWS RAMP									30											
0020	1879+93 IWN	-	1890+22 IWN	IWN RAMP			770						556		13									
0020	CULVERT STA 278+34 IEN																							
PROJECT TOTALS																								
CATEGORY 0020 TOTALS							13,434	13,636	2,624	1,814	1,791	7,936	159	50	10	1	1	1	1	1	1	1	1	1
PROJECT TOTALS							30,260	24,736	5,268	4,475	3,262	13,561	217	50	60	1	1	1	1	1	1	1	1	1
* ADDITIONAL QUANTITIES LISTED ELSEWHERE																								

CONCRETE PAVEMENT

CATEGORY	STATION	TO	STATION	LOCATION	405.0100 COLORING CONCRETE PAVEMENT	415.0090 CONCRETE PAVEMENT	416.1010 CONCRETE SURFACE	416.0512 CONCRETE TRUCK APRON
0010	--	--	223+30	STH 172	CY	9-INCH SY	12-INCH CY	12-INCH SY
					0	0	8	0
CATEGORY 0010 TOTALS:								
					--	--	8	--
0020	--	--	1888+48	IWS RAMP	--	--	8	--
0020	1880+16	IWS	1894+90	IWS RAMP	--	2,420	--	--
0020	1888+67	IWS	1898+15	IWS RAMP	60	--	--	540
CATEGORY 0020 TOTALS:								
					60	2,420	8	540
PROJECT TOTALS:								
					60	2,420	16	540

PAVEMENT REPAIR AND REPLACEMENT ITEMS

CATEGORY	STATION	ROADWAY	390.0303 BASE PATCHING CONCRETE	390.0403 BASE PATCHING CONCRETE SHES	416.0610* DRILLED TIE BARS	416.0620* DRILLED DOWEL BARS	690.0250* SAWING CONCRETE	REMARKS
0010	154+40	242+55.80	SY	SY	EACH	EACH	LF	INCLUDES EB AND WB
UNDISTRIBUTED								
0010			21500	--	--	--	--	--
CATEGORY 0010 TOTALS: 21500								
UNDISTRIBUTED								
0010			28660	0	0	0	0	0
CATEGORY 0010 TOTALS: 28660								
0020	3+46 E	36+25 E	177	585	880	226	293	
0020	262+80 IEN	280+62 IEN	--	168	60	128	218	
0020	1855+58 IES	1859+01 IES	--	107	40	80	150	
0020	887+21 ISE	905+38 ISE	--	169	--	288	432	
0020	46+67 EE	57+16 EE	13	69	--	96	144	
0020	61+77 W	8+00 W	57	323	220	408	631	
0020	1882+55 IWN	1886+57 IWN	--	43	--	64	96	
0020	260+83 ISW	260+03 ISW	--	43	20	48	84	
0020	3+41.27 E	55+42 EE	10,600	--	--	--	--	INCLUDES EB AND WB AND RAMPS
UNDISTRIBUTED								
0020			25	151	122	134	205	VARIOUS SB AND RAMP LANES
CATEGORY 0020 TOTALS: 11,660								
PROJECT TOTALS: 35,310								
*ADDITIONAL QUANTITIES ELSEWHERE								
PROJECT TOTALS: 35,310								

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ID 1210-11-71
Revised Sheet 86
December 8, 2022



Proposal Schedule of Items

Proposal ID: 20221213021 Project(s): 1210-09-71, 1210-11-71

Federal ID(s): WISC 2023102, WISC 2023103

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	203.0100 Removing Small Pipe Culverts	4.000 EACH	_____.	_____.
0004	203.0220 Removing Structure (structure) 10. B-05-171	1.000 EACH	_____.	_____.
0006	203.0220 Removing Structure (structure) 11. B-05-172	1.000 EACH	_____.	_____.
0008	203.0220 Removing Structure (structure) 12. B-05-178	1.000 EACH	_____.	_____.
0010	203.0220 Removing Structure (structure) 13. B-05-179	1.000 EACH	_____.	_____.
0012	203.0220 Removing Structure (structure) 14. B-05-180	1.000 EACH	_____.	_____.
0014	203.0220 Removing Structure (structure) 15. B-05-181	1.000 EACH	_____.	_____.
0016	204.0100 Removing Concrete Pavement	3,657.000 SY	_____.	_____.
0018	204.0105 Removing Concrete Pavement Butt Joints	1,397.000 SY	_____.	_____.
0020	204.0109.S Removing Concrete Surface Partial Depth	110.000 SF	_____.	_____.
0022	204.0110 Removing Asphaltic Surface	2,021.000 SY	_____.	_____.
0024	204.0115 Removing Asphaltic Surface Butt Joints	1,003.000 SY	_____.	_____.
0026	204.0120 Removing Asphaltic Surface Milling	369,180.000 SY	_____.	_____.
0028	204.0126.S Removing Asphaltic Longitudinal Notched Wedge Joint Milling	85,223.000 LF	_____.	_____.



Proposal Schedule of Items

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Proposal Line Number	Item ID Description	Approximate Quantity and Units	Unit Price	Bid Amount
0030	204.0150 Removing Curb & Gutter	1,349.000 LF	_____	_____
0032	204.0155 Removing Concrete Sidewalk	3,302.000 SY	_____	_____
0034	204.0165 Removing Guardrail	33,960.000 LF	_____	_____
0036	204.0180 Removing Delineators and Markers	611.000 EACH	_____	_____
0038	204.0190 Removing Surface Drains	10.000 EACH	_____	_____
0040	204.0220 Removing Inlets	23.000 EACH	_____	_____
0042	204.0245 Removing Storm Sewer (size) 01. 24-Inch	72.000 LF	_____	_____
0044	204.0246 Removing Ancillary Structure (structure) 10. S-05-188	1.000 EACH	_____	_____
0046	204.0246 Removing Ancillary Structure (structure) 11. S-05-189	1.000 EACH	_____	_____
0048	204.0270 Abandoning Culvert Pipes	21.000 EACH	_____	_____
0050	204.9060.S Removing (item description) 01. Sand Barrel Arrays	5.000 EACH	_____	_____
0052	204.9180.S Removing (item description) 01. Removing Asphaltic Surface Milling Special	5,109.000 SY	_____	_____
0054	205.0100 Excavation Common	4,577.000 CY	_____	_____
0056	206.1001 Excavation for Structures Bridges (structure) 10. B-05-171	1.000 EACH	_____	_____



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Proposal Line Number	Item ID Description	Approximate Quantity and Units	Unit Price	Bid Amount
0058	206.1001 Excavation for Structures Bridges (structure) 11. B-05-172	1.000 EACH	_____.	_____.
0060	206.1001 Excavation for Structures Bridges (structure) 12. B-05-178	1.000 EACH	_____.	_____.
0062	206.1001 Excavation for Structures Bridges (structure) 13. B-05-179	1.000 EACH	_____.	_____.
0064	206.1001 Excavation for Structures Bridges (structure) 14. B-05-180	1.000 EACH	_____.	_____.
0066	206.1001 Excavation for Structures Bridges (structure) 15. B-05-181	1.000 EACH	_____.	_____.
0068	210.1500 Backfill Structure Type A	225.000 TON	_____.	_____.
0070	211.0101 Prepare Foundation for Asphaltic Paving (project) 01. 1210-09-71	1.000 EACH	_____.	_____.
0072	211.0101 Prepare Foundation for Asphaltic Paving (project) 02. 1210-11-71	1.000 EACH	_____.	_____.
0074	211.0201 Prepare Foundation for Concrete Pavement (project) 01. 1210-11-71	1.000 EACH	_____.	_____.
0076	213.0100 Finishing Roadway (project) 01. 1210-09-71	1.000 EACH	_____.	_____.
0078	213.0100 Finishing Roadway (project) 02. 1210-11-71	1.000 EACH	_____.	_____.
0080	305.0110 Base Aggregate Dense 3/4-Inch	14,668.000 TON	_____.	_____.
0082	305.0120 Base Aggregate Dense 1 1/4-Inch	3,064.000 TON	_____.	_____.
0084	312.0110 Select Crushed Material	4,065.000 TON	_____.	_____.



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0086	320.0125 Concrete Base 6-Inch	83.000 SY	_____.	_____.
0088	320.0155 Concrete Base 9-Inch	120.000 SY	_____.	_____.
0090	390.0303 Base Patching Concrete	714.000 SY	_____.	_____.
0092	390.0403 Base Patching Concrete Shes	9,017.000 SY	_____.	_____.
0096	405.0100 Coloring Concrete WisDOT Red	60.000 CY	_____.	_____.
0098	415.0090 Concrete Pavement 9-Inch	2,420.000 SY	_____.	_____.
0100	416.0512 Concrete Truck Apron 12-Inch	540.000 SY	_____.	_____.
0102	416.0610 Drilled Tie Bars	4,752.000 EACH	_____.	_____.
0104	416.0620 Drilled Dowel Bars	11,302.000 EACH	_____.	_____.
0106	416.1010 Concrete Surface Drains	27.200 CY	_____.	_____.
0108	455.0605 Tack Coat	66,626.000 GAL	_____.	_____.
0110	460.0105.S HMA Percent Within Limits (PWL) Test Strip Volumetrics	1.000 EACH	_____.	_____.
0112	460.0110.S HMA Percent Within Limits (PWL) Test Strip Density	1.000 EACH	_____.	_____.
0114	460.0115.S HMA Pavement Test Strips Volumetrics	2.000 EACH	_____.	_____.
0116	460.0120.S HMA Pavement Test Strips Density	2.000 EACH	_____.	_____.
0118	460.2000 Incentive Density HMA Pavement	45,240.000 DOL	1.00000	45,240.00



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0120	460.2005 Incentive Density PWL HMA Pavement	17,640.000 DOL	1.00000	17,640.00
0122	460.2010 Incentive Air Voids HMA Pavement	17,640.000 DOL	1.00000	17,640.00
0126	460.5224 HMA Pavement 4 LT 58-28 S	17,545.000 TON	_____	_____
0130	460.7224 HMA Pavement 4 HT 58-28 S	35,688.000 TON	_____	_____
0132	460.8624 HMA Pavement 4 SMA 58-28 V	37,112.000 TON	_____	_____
0134	460.9000.S Material Transfer Vehicle	1.000 EACH	_____	_____
0136	465.0105 Asphaltic Surface	890.000 TON	_____	_____
0138	465.0110 Asphaltic Surface Patching	300.000 TON	_____	_____
0140	465.0400 Asphaltic Shoulder Rumble Strips	182,130.000 LF	_____	_____
0142	502.0100 Concrete Masonry Bridges	99.000 CY	_____	_____
0144	502.3205 Pigmented Surface Sealer Reseal	4,898.000 SY	_____	_____
0146	502.3210 Pigmented Surface Sealer	45.000 SY	_____	_____
0148	502.4205 Adhesive Anchors No. 5 Bar	54.000 EACH	_____	_____
0150	502.4206 Adhesive Anchors No. 6 Bar	63.000 EACH	_____	_____
0152	505.0600 Bar Steel Reinforcement HS Coated Structures	11,310.000 LB	_____	_____
0154	509.0301 Preparation Decks Type 1	29.000 SY	_____	_____



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0156	509.0302 Preparation Decks Type 2	11.000 SY	_____.	_____.
0158	509.0310.S Sawing Pavement Deck Preparation Areas	280.000 LF	_____.	_____.
0160	509.1500 Concrete Surface Repair	342.000 SF	_____.	_____.
0164	511.1200 Temporary Shoring (structure) 10. B-05-171	230.000 SF	_____.	_____.
0166	511.1200 Temporary Shoring (structure) 11. B-05-172	230.000 SF	_____.	_____.
0168	511.1200 Temporary Shoring (structure) 12. B-05-178	460.000 SF	_____.	_____.
0170	511.1200 Temporary Shoring (structure) 13. B-05-179	230.000 SF	_____.	_____.
0172	511.1200 Temporary Shoring (structure) 14. B-05-180	460.000 SF	_____.	_____.
0174	511.1200 Temporary Shoring (structure) 15. B-05-181	460.000 SF	_____.	_____.
0176	516.0500 Rubberized Membrane Waterproofing	18.000 SY	_____.	_____.
0178	517.3001.S Structure Overcoating Cleaning and Priming (structure) 01. B-05-150	1.000 EACH	_____.	_____.
0180	517.3001.S Structure Overcoating Cleaning and Priming (structure) 02. B-05-185	1.000 EACH	_____.	_____.
0182	517.3001.S Structure Overcoating Cleaning and Priming (structure) 03. B-05-190	1.000 EACH	_____.	_____.
0184	517.3001.S Structure Overcoating Cleaning and Priming (structure) 04. B-05-193	1.000 EACH	_____.	_____.



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Proposal Line Number	Item ID Description	Approximate Quantity and Units	Unit Price	Bid Amount
0186	517.4001.S Containment and Collection of Waste Materials (structure) 01. B-05-150	1.000 EACH	_____.	_____.
0188	517.4001.S Containment and Collection of Waste Materials (structure) 02. B-05-185	1.000 EACH	_____.	_____.
0190	517.4001.S Containment and Collection of Waste Materials (structure) 03. B-05-190	1.000 EACH	_____.	_____.
0192	517.4001.S Containment and Collection of Waste Materials (structure) 04. B-05-193	1.000 EACH	_____.	_____.
0194	517.6001.S Portable Decontamination Facility	4.000 EACH	_____.	_____.
0196	520.8700 Cleaning Culvert Pipes	3.000 EACH	_____.	_____.
0198	520.9700.S Culvert Pipe Liners (size) 01. 18-Inch	59.000 LF	_____.	_____.
0200	520.9750.S Cleaning Culvert Pipes for Liner Verification	1.000 EACH	_____.	_____.
0202	522.0118 Culvert Pipe Reinforced Concrete Class III 18-Inch	96.000 LF	_____.	_____.
0204	522.0136 Culvert Pipe Reinforced Concrete Class III 36-Inch	148.000 LF	_____.	_____.
0206	522.1018 Apron Endwalls for Culvert Pipe Reinforced Concrete 18-Inch	2.000 EACH	_____.	_____.
0208	522.1024 Apron Endwalls for Culvert Pipe Reinforced Concrete 24-Inch	1.000 EACH	_____.	_____.
0210	522.1036 Apron Endwalls for Culvert Pipe Reinforced Concrete 36-Inch	2.000 EACH	_____.	_____.
0212	524.0130 Culvert Pipe Salvaged 30-Inch	8.000 LF	_____.	_____.



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Proposal Line Number	Item ID Description	Approximate Quantity and Units	Unit Price	Bid Amount
0214	524.0136 Culvert Pipe Salvaged 36-Inch	16.000 LF	_____	_____
0216	524.0624 Apron Endwalls for Culvert Pipe Salvaged 24-Inch	2.000 EACH	_____	_____
0218	524.0630 Apron Endwalls for Culvert Pipe Salvaged 30-Inch	2.000 EACH	_____	_____
0220	524.0636 Apron Endwalls for Culvert Pipe Salvaged 36-Inch	1.000 EACH	_____	_____
0222	531.1100 Concrete Masonry Ancillary Structures Type NS	43.000 CY	_____	_____
0224	531.1140 Steel Reinforcement HS Ancillary Structures Type NS	3,400.000 LB	_____	_____
0226	531.1160 Steel Reinforcement HS Coated Ancillary Structures Type NS	5,760.000 LB	_____	_____
0228	531.2036 Drilling Shaft 36-Inch	106.000 LF	_____	_____
0230	531.6020 Foundation Two-Shaft Type FC-II (structure) 11. S-05-389	1.000 EACH	_____	_____
0232	532.6010 Truss Cantilever 4-Chord Type I (structure) 10. S-05-388	1.000 EACH	_____	_____
0234	532.6020 Truss Cantilever 4-Chord Type II (structure) 11. S-05-389	1.000 EACH	_____	_____
0236	601.0405 Concrete Curb & Gutter 18-Inch Type A	20.000 LF	_____	_____
0238	601.0409 Concrete Curb & Gutter 30-Inch Type A	532.000 LF	_____	_____
0240	601.0501 Concrete Curb & Gutter Integral 4-Inch Sloped 36-Inch	211.000 LF	_____	_____



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Proposal Line Number	Item ID Description	Approximate Quantity and Units	Unit Price	Bid Amount
0242	601.0551 Concrete Curb & Gutter 4-Inch Sloped 36-Inch Type A	281.000 LF	_____.	_____.
0244	601.0574 Concrete Curb & Gutter 4-Inch Sloped 30-Inch Type G	345.000 LF	_____.	_____.
0246	601.0581 Concrete Curb & Gutter 4-Inch Sloped 30-Inch Type R	810.000 LF	_____.	_____.
0248	601.0588 Concrete Curb & Gutter 4-Inch Sloped 36-Inch Type TBT	561.000 LF	_____.	_____.
0250	601.0590 Concrete Curb & Gutter 4-Inch Sloped 36-Inch Type TBTT	697.000 LF	_____.	_____.
0252	601.0600 Concrete Curb Pedestrian	203.000 LF	_____.	_____.
0254	602.0405 Concrete Sidewalk 4-Inch	237.000 SF	_____.	_____.
0256	602.0410 Concrete Sidewalk 5-Inch	4,303.000 SF	_____.	_____.
0258	602.0515 Curb Ramp Detectable Warning Field Natural Patina	349.000 SF	_____.	_____.
0260	602.0615 Curb Ramp Detectable Warning Field Radial Natural Patina	66.000 SF	_____.	_____.
0262	603.8000 Concrete Barrier Temporary Precast Delivered	3,175.000 LF	_____.	_____.
0264	603.8125 Concrete Barrier Temporary Precast Installed	4,445.000 LF	_____.	_____.
0266	604.9015.S Reseal Crushed Aggregate Slope Paving	3,270.000 SY	_____.	_____.
0268	606.0200 Riprap Medium	44.000 CY	_____.	_____.



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Proposal Line Number	Item ID Description	Approximate Quantity and Units	Unit Price	Bid Amount
0270	608.0324 Storm Sewer Pipe Reinforced Concrete Class III 24-Inch	72.000 LF	_____.	_____.
0272	611.0652 Inlet Covers Type T	2.000 EACH	_____.	_____.
0274	611.3225 Inlets 2x2.5-FT	2.000 EACH	_____.	_____.
0276	611.8110 Adjusting Manhole Covers	1.000 EACH	_____.	_____.
0278	611.8115 Adjusting Inlet Covers	30.000 EACH	_____.	_____.
0280	611.9705 Salvaged Manhole Covers	1.000 EACH	_____.	_____.
0282	611.9710 Salvaged Inlet Covers	1.000 EACH	_____.	_____.
0284	612.0406 Pipe Underdrain Wrapped 6-Inch	225.000 LF	_____.	_____.
0286	614.0010 Barrier System Grading Shaping Finishing	89.000 EACH	_____.	_____.
0288	614.0150 Anchor Assemblies for Steel Plate Beam Guard	9.000 EACH	_____.	_____.
0290	614.0220 Steel Thrie Beam Bullnose Terminal	10.000 EACH	_____.	_____.
0292	614.0230 Steel Thrie Beam	1,980.000 LF	_____.	_____.
0294	614.0700 Sand Barrels Arrays	5.000 EACH	_____.	_____.
0296	614.0905 Crash Cushions Temporary	9.000 EACH	_____.	_____.
0298	614.2300 MGS Guardrail 3	29,809.000 LF	_____.	_____.
0300	614.2500 MGS Thrie Beam Transition	2,260.900 LF	_____.	_____.



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0302	614.2610 MGS Guardrail Terminal EAT	64.000 EACH	_____.	_____.
0304	614.2620 MGS Guardrail Terminal Type 2	30.000 EACH	_____.	_____.
0306	616.0404 Fence Chain Link Salvaged 4-FT	25.000 LF	_____.	_____.
0308	618.0100 Maintenance And Repair of Haul Roads (project) 01. 1210-09-71	1.000 EACH	_____.	_____.
0310	618.0100 Maintenance And Repair of Haul Roads (project) 02. 1210-11-71	1.000 EACH	_____.	_____.
0312	619.1000 Mobilization	1.000 EACH	_____.	_____.
0314	620.0300 Concrete Median Sloped Nose	209.000 SF	_____.	_____.
0316	624.0100 Water	53.000 MGAL	_____.	_____.
0318	625.0500 Salvaged Topsoil	2,045.000 SY	_____.	_____.
0320	628.1504 Silt Fence	3,720.000 LF	_____.	_____.
0322	628.1520 Silt Fence Maintenance	3,720.000 LF	_____.	_____.
0324	628.1905 Mobilizations Erosion Control	6.000 EACH	_____.	_____.
0326	628.1910 Mobilizations Emergency Erosion Control	6.000 EACH	_____.	_____.
0328	628.2002 Erosion Mat Class I Type A	2,056.000 SY	_____.	_____.
0330	628.2006 Erosion Mat Urban Class I Type A	43.000 SY	_____.	_____.
0332	628.7005 Inlet Protection Type A	1.000 EACH	_____.	_____.



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0334	628.7015 Inlet Protection Type C	22.000 EACH	_____.	_____.
0336	628.7504 Temporary Ditch Checks	39.000 LF	_____.	_____.
0338	628.7555 Culvert Pipe Checks	37.000 EACH	_____.	_____.
0340	629.0210 Fertilizer Type B	1.200 CWT	_____.	_____.
0342	630.0130 Seeding Mixture No. 30	42.700 LB	_____.	_____.
0344	630.0200 Seeding Temporary	62.000 LB	_____.	_____.
0346	630.0500 Seed Water	47.100 MGAL	_____.	_____.
0348	633.0100 Delineator Posts Steel	562.000 EACH	_____.	_____.
0350	633.0500 Delineator Reflectors	562.000 EACH	_____.	_____.
0352	633.1000 Delineators Barrier Wall	56.000 EACH	_____.	_____.
0354	633.5200 Markers Culvert End	24.000 EACH	_____.	_____.
0356	634.0814 Posts Tubular Steel 2x2-Inch X 14-FT	5.000 EACH	_____.	_____.
0358	637.1210 Signs Type I Reflective H	417.000 SF	_____.	_____.
0360	637.2210 Signs Type II Reflective H	8.000 SF	_____.	_____.
0362	638.2102 Moving Signs Type II	17.000 EACH	_____.	_____.
0364	638.2601 Removing Signs Type I	1.000 EACH	_____.	_____.
0366	638.2602 Removing Signs Type II	2.000 EACH	_____.	_____.



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0368	638.3000 Removing Small Sign Supports	5.000 EACH	_____.	_____.
0370	643.0300 Traffic Control Drums	464,675.000 DAY	_____.	_____.
0372	643.0410 Traffic Control Barricades Type II	6,261.000 DAY	_____.	_____.
0374	643.0420 Traffic Control Barricades Type III	67,390.000 DAY	_____.	_____.
0376	643.0705 Traffic Control Warning Lights Type A	114,908.000 DAY	_____.	_____.
0378	643.0715 Traffic Control Warning Lights Type C	83,779.000 DAY	_____.	_____.
0380	643.0800 Traffic Control Arrow Boards	2,316.000 DAY	_____.	_____.
0382	643.0900 Traffic Control Signs	76,735.000 DAY	_____.	_____.
0384	643.0910 Traffic Control Covering Signs Type I	5.000 EACH	_____.	_____.
0386	643.1000 Traffic Control Signs Fixed Message	185.000 SF	_____.	_____.
0388	643.1050 Traffic Control Signs PCMS	1,020.000 DAY	_____.	_____.
0390	643.1070 Traffic Control Cones 42-Inch	170,340.000 DAY	_____.	_____.
0392	643.1205.S Basic Traffic Queue Warning System	1,230.000 DAY	_____.	_____.
0394	643.3105 Temporary Marking Line Paint 4-Inch	308,375.000 LF	_____.	_____.
0396	643.3120 Temporary Marking Line Epoxy 4-Inch	167,460.000 LF	_____.	_____.
0398	643.3150 Temporary Marking Line Removable Tape 4-Inch	270.000 LF	_____.	_____.



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0400	643.3205 Temporary Marking Line Paint 8-Inch	24,860.000 LF	_____.	_____.
0402	643.3220 Temporary Marking Line Epoxy 8-Inch	20,400.000 LF	_____.	_____.
0404	643.5000 Traffic Control	1.000 EACH	_____.	_____.
0406	645.0120 Geotextile Type HR	173.000 SY	_____.	_____.
0408	646.1020 Marking Line Epoxy 4-Inch	25,925.000 LF	_____.	_____.
0410	646.1040 Marking Line Grooved Wet Ref Epoxy 4-Inch	230,070.000 LF	_____.	_____.
0412	646.1555 Marking Line Grooved Contrast Permanent Tape 4-Inch	24,050.000 LF	_____.	_____.
0414	646.3020 Marking Line Epoxy 8-Inch	2,005.000 LF	_____.	_____.
0416	646.3555 Marking Line Grooved Contrast Permanent Tape 8-Inch	30,645.000 LF	_____.	_____.
0418	646.5020 Marking Arrow Epoxy	47.000 EACH	_____.	_____.
0420	646.5120 Marking Word Epoxy	11.000 EACH	_____.	_____.
0422	646.5220 Marking Symbol Epoxy	6.000 EACH	_____.	_____.
0424	646.6120 Marking Stop Line Epoxy 18-Inch	605.000 LF	_____.	_____.
0426	646.6220 Marking Yield Line Epoxy 18-Inch	7.000 EACH	_____.	_____.
0428	646.6464 Cold Weather Marking Epoxy 4-Inch	17,485.000 LF	_____.	_____.
0430	646.6468 Cold Weather Marking Epoxy 8-Inch	30,645.000 LF	_____.	_____.



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0432	646.7220 Marking Chevron Epoxy 24-Inch	2,000.000 LF	_____.	_____.
0434	646.7420 Marking Crosswalk Epoxy Transverse Line 6-Inch	1,215.000 LF	_____.	_____.
0436	646.8220 Marking Island Nose Epoxy	42.000 EACH	_____.	_____.
0438	646.8320 Marking Parking Stall Epoxy	3,230.000 LF	_____.	_____.
0440	646.9000 Marking Removal Line 4-Inch	28,675.000 LF	_____.	_____.
0442	646.9055 Marking Removal Line Grooved Contrast Permanent Tape 4-Inch	1,650.000 LF	_____.	_____.
0444	646.9100 Marking Removal Line 8-Inch	425.000 LF	_____.	_____.
0446	646.9155 Marking Removal Line Grooved Contrast Permanent Tape 8-Inch	460.000 LF	_____.	_____.
0448	650.6501 Construction Staking Structure Layout (structure) 01. B-05-171	1.000 EACH	_____.	_____.
0450	650.6501 Construction Staking Structure Layout (structure) 02. B-05-172	1.000 EACH	_____.	_____.
0452	650.6501 Construction Staking Structure Layout (structure) 03. B-05-178	1.000 EACH	_____.	_____.
0454	650.6501 Construction Staking Structure Layout (structure) 04. B-05-179	1.000 EACH	_____.	_____.
0456	650.6501 Construction Staking Structure Layout (structure) 05. B-05-180	1.000 EACH	_____.	_____.
0458	650.6501 Construction Staking Structure Layout (structure) 06. B-05-181	1.000 EACH	_____.	_____.



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Alt Mbr ID:

Proposal Line Number	Item ID Description	Approximate Quantity and Units	Unit Price	Bid Amount
0460	650.8000 Construction Staking Resurfacing Reference	122,399.000 LF	_____.	_____.
0462	650.8501 Construction Staking Electrical Installations (project) 01. 1210-09-71	1.000 EACH	_____.	_____.
0464	650.8501 Construction Staking Electrical Installations (project) 02. 1210-11-71	1.000 EACH	_____.	_____.
0466	650.9000 Construction Staking Curb Ramps	30.000 EACH	_____.	_____.
0468	650.9500 Construction Staking Sidewalk (project) 01. 1210-09-71	1.000 EACH	_____.	_____.
0470	650.9500 Construction Staking Sidewalk (project) 02. 1210-11-71	1.000 EACH	_____.	_____.
0472	650.9911 Construction Staking Supplemental Control (project) 01. 1210-09-71	1.000 EACH	_____.	_____.
0474	650.9911 Construction Staking Supplemental Control (project) 02. 1210-11-71	1.000 EACH	_____.	_____.
0476	652.0210 Conduit Rigid Nonmetallic Schedule 40 1-Inch	160.000 LF	_____.	_____.
0478	652.0225 Conduit Rigid Nonmetallic Schedule 40 2-Inch	200.000 LF	_____.	_____.
0480	652.0605 Conduit Special 2-Inch	30.000 LF	_____.	_____.
0482	652.0615 Conduit Special 3-Inch	215.000 LF	_____.	_____.
0484	652.0800 Conduit Loop Detector	1,030.000 LF	_____.	_____.
0486	653.0154 Pull Boxes Non-Conductive 24x36-Inch	4.000 EACH	_____.	_____.



Proposal Schedule of Items

Proposal ID: 20221213021 Project(s): 1210-09-71, 1210-11-71

Federal ID(s): WISC 2023102, WISC 2023103

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Contract Items

Alt Set ID:

Alt Mbr ID:

Proposal Line Number	Item ID Description	Approximate Quantity and Units	Unit Price	Bid Amount
0488	653.0164 Pull Boxes Non-Conductive 24x42-Inch	2.000 EACH	_____.	_____.
0490	653.0900 Adjusting Pull Boxes	5.000 EACH	_____.	_____.
0492	653.0905 Removing Pull Boxes	10.000 EACH	_____.	_____.
0494	655.0230 Cable Traffic Signal 5-14 AWG	388.000 LF	_____.	_____.
0496	655.0240 Cable Traffic Signal 7-14 AWG	46.000 LF	_____.	_____.
0498	655.0260 Cable Traffic Signal 12-14 AWG	706.000 LF	_____.	_____.
0500	655.0515 Electrical Wire Traffic Signals 10 AWG	633.000 LF	_____.	_____.
0502	655.0700 Loop Detector Lead In Cable	3,545.000 LF	_____.	_____.
0504	655.0800 Loop Detector Wire	4,130.000 LF	_____.	_____.
0506	658.0500 Pedestrian Push Buttons	1.000 EACH	_____.	_____.
0508	690.0150 Sawing Asphalt	1,189.000 LF	_____.	_____.
0510	690.0250 Sawing Concrete	25,287.000 LF	_____.	_____.
0512	715.0502 Incentive Strength Concrete Structures	594.000 DOL	1.00000	594.00
0514	715.0720 Incentive Compressive Strength Concrete Pavement	1,932.000 DOL	1.00000	1,932.00
0516	740.0440 Incentive IRI Ride	69,093.000 DOL	1.00000	69,093.00
0518	999.2000.S Installing and Maintaining Bird Deterrent System (station) 01. Station 1421+80 EB	1.000 EACH	_____.	_____.



Proposal Schedule of Items

Proposal ID: 20221213021 Project(s): 1210-09-71, 1210-11-71

Federal ID(s): WISC 2023102, WISC 2023103

SECTION: 0001

Contract Items

Alt Set ID:

Alt Mbr ID:

Proposal Line Number	Item ID Description	Approximate Quantity and Units	Unit Price	Bid Amount
0520	999.2000.S Installing and Maintaining Bird Deterrent System (station) 02. Station 1445+24 EB	1.000 EACH	_____.	_____.
0522	999.2000.S Installing and Maintaining Bird Deterrent System (station) 03. Station 1445+24 WB	1.000 EACH	_____.	_____.
0524	999.2000.S Installing and Maintaining Bird Deterrent System (station) 04. Station 1496+81 EB	1.000 EACH	_____.	_____.
0526	999.2000.S Installing and Maintaining Bird Deterrent System (station) 05. Station 1535+85 WB	1.000 EACH	_____.	_____.
0528	999.2000.S Installing and Maintaining Bird Deterrent System (station) 06. Station 1535+78 EB	1.000 EACH	_____.	_____.
0530	999.2000.S Installing and Maintaining Bird Deterrent System (station) 07. Station 1568+50 WB	1.000 EACH	_____.	_____.
0532	999.2000.S Installing and Maintaining Bird Deterrent System (station) 08. Station 1601+51 WB	1.000 EACH	_____.	_____.
0534	999.2000.S Installing and Maintaining Bird Deterrent System (station) 09. Station 1618+76 WB	1.000 EACH	_____.	_____.
0536	999.2000.S Installing and Maintaining Bird Deterrent System (station) 10. Station 436+33 EB	1.000 EACH	_____.	_____.
0538	ASP.1T0A On-the-Job Training Apprentice at \$5.00/HR	2,100.000 HRS	5.00000	10,500.00
0540	ASP.1T0G On-the-Job Training Graduate at \$5.00/HR	5,760.000 HRS	5.00000	28,800.00
0542	SPV.0060 Special 01. Grading, Shaping, and Finishing Culvert Pipe and Apron Endwalls	7.000 EACH	_____.	_____.



Proposal Schedule of Items

Proposal ID: 20221213021 Project(s): 1210-09-71, 1210-11-71

Federal ID(s): WISC 2023102, WISC 2023103

SECTION: 0001

Contract Items

Alt Set ID:

Alt Mbr ID:

Proposal Line Number	Item ID Description	Approximate Quantity and Units	Unit Price	Bid Amount
0544	SPV.0060 Special 02. Grading, Shaping, and Finishing Curb and Gutter Replacement	8.000 EACH	_____.	_____.
0546	SPV.0060 Special 03. Grading, Shaping and Finishing Wing Walls	9.000 EACH	_____.	_____.
0548	SPV.0060 Special 04. Grading, Shaping and Finishing Curb Ramps	18.000 EACH	_____.	_____.
0550	SPV.0060 Special 05. Remove Traffic Signal (STH 172 & Babcock Rd)	1.000 EACH	_____.	_____.
0552	SPV.0060 Special 06. Remove Traffic Signal STH 172 & CTH GV	1.000 EACH	_____.	_____.
0554	SPV.0060 Special 07. Pulling and Reconnecting Electrical Wiring	1.000 EACH	_____.	_____.
0556	SPV.0060 Special 10. Cleaning Concrete Box Culvert B-05-184	1.000 EACH	_____.	_____.
0558	SPV.0090 Special 01. Concrete Curb and Gutter 24-Inch Type A	32.000 LF	_____.	_____.
0560	SPV.0090 Special 02. Concrete Curb and Gutter SHES 30-Inch Type A	152.000 LF	_____.	_____.
0562	SPV.0090 Special 03. Concrete Joint and Crack Cleaning and Repair	7,525.000 LF	_____.	_____.
0564	SPV.0090 Special 10. Bridge Deck Crack Sealing	5,600.000 LF	_____.	_____.
0566	SPV.0090 Special 11. Joint Sealing	3,128.000 LF	_____.	_____.
0568	SPV.0180 Special 01. Concrete Base SHES 9-Inch	418.000 SY	_____.	_____.
0570	SPV.0180 Special 02. Concrete Base SHES 11 1/2-Inch	55.000 SY	_____.	_____.



Proposal Schedule of Items

Proposal ID: 20221213021 Project(s): 1210-09-71, 1210-11-71

Federal ID(s): WISC 2023102, WISC 2023103

SECTION: 0001

Contract Items

Alt Set ID:

Alt Mbr ID:

Proposal Line Number	Item ID Description	Approximate Quantity and Units	Unit Price	Bid Amount
0572	465.0125 Asphaltic Surface Temporary	80.000 TON	_____.	_____.
0574	SPV.0035 Special 01. Rapid Set Deck Repair	6.000 CY	_____.	_____.
0576	SPV.0090 Special 04. Transverse Joint and Crack Plunge Milling and Patching	35,310.000 LF	_____.	_____.
0578	SPV.0195 Special 01. HMA Pavement Interlayer	5,268.000 TON	_____.	_____.
Section: 0001			Total:	_____.
			Total Bid:	_____.