



Wisconsin Department of Transportation

Division of Transportation Systems Development

Bureau of Project Development
4822 Madison Yards Way, 4th Floor South
Madison, WI 53705

September 9, 2021

Telephone: (608) 266-1631
Facsimile (FAX): (608) 266-8459

NOTICE TO ALL CONTRACTORS:

Proposal #15: 1590-18-61
Monico – Laona
Oneida County Line to
Boulevard Ave
USH 8
Forest County

1590-18-62
Monico – Laona
Wolf & Peshtigo Bridges B-21-1,10
USH 8
Forest County

Letting of September 14, 2021

This is Addendum No. 02, which provides for the following:

Special Provisions:

Added Special Provisions	
Article No.	Description
45	Asphaltic Surface.

Schedule of Items:

Revised Bid Item Quantities					
Bid Item	Item Description	Unit	Old Quantity	Revised Quantity	Proposal Total
460.2005	Incentive Density PWL HMA Pavement	Dol	10,580	-10	10,570
460.2010	Incentive Air Voids HMA Pavement	Dol	14,050	-145	13,905
460.6224	HMA Pavement 4 MT 58-28 S	Ton	14,622	-717	13,905

Added Bid Item Quantities					
Bid Item	Item Description	Unit	Old Quantity	Revised Quantity	Proposal Total
465.0105	Asphaltic Surface	Ton	0	737	737

Deleted Bid Item Quantities					
Bid Item	Item Description	Unit	Old Quantity	Revised Quantity	Proposal Total
460.2000	Incentive Density HMA Pavement	Dol	100	-100	0

Plan Sheets:

Revised Plan Sheets	
Plan Sheet	Plan Sheet Title (brief description of changes to sheet)
1590-18-61	
2	Changed layer thicknesses and asphaltic material for Culvert Replacement locations.
9	Changed asphaltic material to Asphaltic Surface.
20	Revised quantities for HMA Pavement 4 MT 58-28 S and revised PWL Mixture Use Table. Added miscellaneous quantity for Asphaltic Surface.
1590-18-62	
5	Changed asphaltic material to Asphaltic Surface.
6	Changed asphaltic material to Asphaltic Surface.
14	Changed asphaltic material to Asphaltic Surface.
19	Changed asphaltic material to Asphaltic Surface.
20	Changed asphaltic material to Asphaltic Surface.
28	Changed asphaltic pavement bid item to Asphaltic Surface.

The responsibility for notifying potential subcontractors and suppliers of these changes remains with the prime contractor.

Sincerely,

Mike Coleman

Proposal Development Specialist
Proposal Management Section

ADDENDUM NO. 02

1591-18-61/62

September 9, 2021

Special Provisions

45. Asphaltic Surface.

Replace standard spec 465.2 (1) with the following:

Under the Asphaltic Surface bid item submit a mix design. Furnish an asphaltic mixture meeting the requirements specified for HMA Pavement 4 MT 58-28 S under standard spec 460.2 for the lower and upper layers; except the engineer will not require the contractor to conform to the quality management program specified under standard spec 460.2.8.

Schedule of Items

Attached, dated September 9, 2021, are the revised Schedule of Items Pages 2, 3, and 10.

Plan Sheets

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

Revised: 1591-18-61: 2, 9, and 20.

1591-18-62: 5, 6, 14, 19, 20, and 28.

END OF ADDENDUM

GENERAL NOTES

THE ALIGNMENT ON THIS PLAN IS BASED ON AERIAL DRAWINGS AND AS BUILTS (PROJECT IDS 1591-05-70, 1591-09-70, 9816-05-60). THE EXISTING RIGHT OF WAY ON THIS PLAN IS APPROXIMATE AND IS BASED ON AVAILABLE PLAT INFORMATION.

THE LOCATIONS OF EXISTING AND PROPOSED UTILITY INSTALLATIONS AS SHOWN ON THE PLANS ARE APPROXIMATE. THERE MAY BE OTHER UTILITY INSTALLATIONS WITHIN THE PROJECT AREA THAT ARE NOT SHOWN.

THERE MAY BE UTILITY FACILITIES WITHIN THE PROJECT AREA THAT ARE NOT SHOWN ON THE PLANS. THE CONTRACTOR SHALL COORDINATE THEIR CONSTRUCTION ACTIVITIES WITH A CALL TO DIGGERS HOTLINE AND/OR A DIRECT CALL TO THE UTILITIES THAT OPERATE IN THE AREA.

CONTRACTOR IS RESPONSIBLE FOR RESHAPING AND FINISHING ANY PREVIOUSLY GRASSED AREAS WHICH ARE DISTURBED BY THEIR OPERATION OUTSIDE THE NORMAL CONSTRUCTION LIMITS.

ALL CURB AND GUTTER RADI, PAVEMENT DIMENSIONS AND STATIONS ARE SHOWN TO THE EDGE OF THE PAVEMENT UNLESS NOTED OTHERWISE.

HMA PAVEMENT BE CONSTRUCTED WITH THE FOLLOWING LAYER THICKNESSES:

PAVEMENT THICKNESS (INCH)	UPPER (INCH)	MIDDLE (INCH)	LOWER (INCH)	ASPHALTIC SURFACE (INCH)
2.00	4.00	4.00	4.00	6.00
4.00	4.00	4.00	4.00	6.00
6.00	4.00	4.00	4.00	6.00

SNOWMOBILE TRAIL CROSSING AND/OR CULVERT REPLACEMENT (LUGS - LUGS)

ORDER OF TYPICAL SECTION AND DETAIL SHEETS

- GENERAL NOTES
- PROJECT OVERVIEW
- TYPICAL SECTIONS
- CONSTRUCTION DETAILS
- TRAFFIC CONTROL

UTILITY CONTACTS

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WISCONSIN DNR LIAISON
JON SIMONSEN
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FISH KILL WISCONSIN, WI 54501-3349
PHONE: (715) 869-7133
JONATHAN.SIMONSEN@WISCONSIN.GOV



RUNOFF COEFFICIENT TABLE

LAND USE	HYDROLOGIC SOIL GROUP										
	A		B		C		D				
	0-2	2-6	0-2	2-6	0-2	2-6	0-2	2-6			
ROW CROPS	.08	.16	.12	.20	.27	.15	.24	.33	.19	.28	.38
MEDIAN STRIP TURF	.19	.20	.24	.19	.22	.26	.20	.23	.30	.20	.25
SIDE SLOPE TURF	.25	.27	.28	.25	.28	.33	.26	.30	.37	.27	.32
PAVEMENT:	.32	.34	.36								.38
ASPHALT						.70 - .95					
CONCRETE						.80 - .95					
BRICK						.70 - .80					
DRIVES, WALKS						.75 - .85					
ROOFS						.75 - .95					
GRAVEL ROADS, SHOULDERS						.40 - .60					

TOTAL PROJECT AREA = 231.86 ACRES
TOTAL AREA EXPECTED TO BE DISTURBED BY CONSTRUCTION ACTIVITIES = 0.89 ACRES

Addendum No. 02
ID 1590-18-61
Revised Sheet 2
September 9, 2021

PROJECT NO: 1590-18-61

HWY: USH 8

COUNTY: FOREST

PLAN: GENERAL NOTES

SHEET

2

FILE NAME: O:\PDS\15901861\SHEETS\PLAN\2021-01-GLD.WG

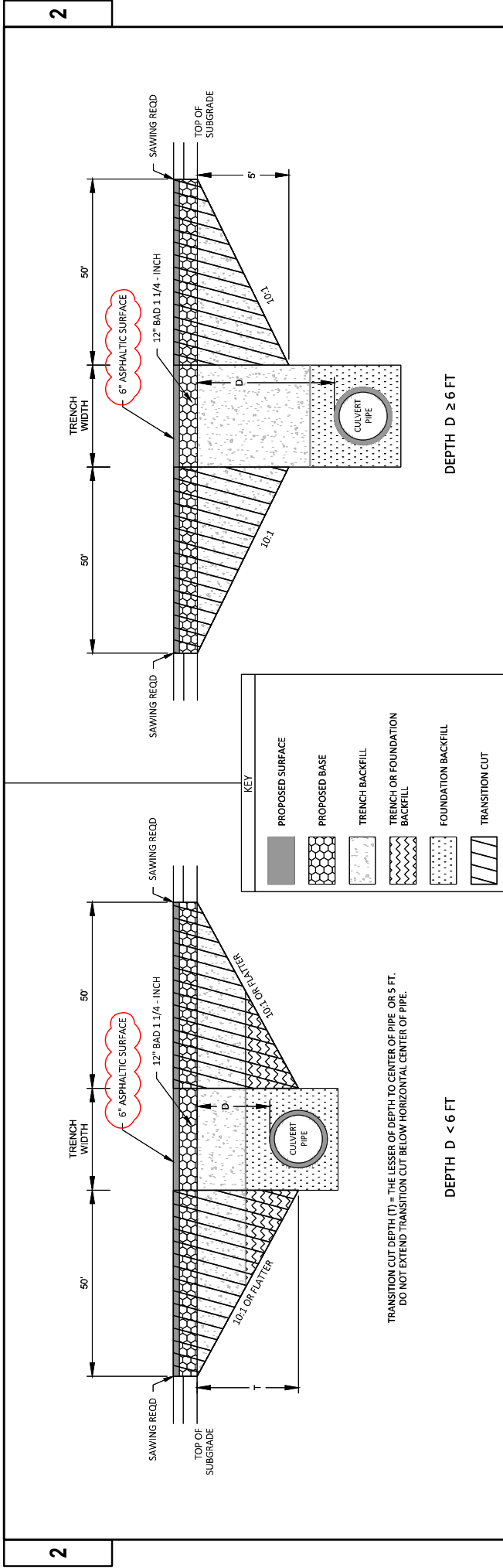
LAYOUT NAME: General Notes

PLOT DATE: 9/9/2021 9:57 AM

PLOT BY: CORP.FBE

PLOT SCALE: 1 IN=200 FT

WISDOT/CADD SHEET 42



NOTES

TRANSITION CUT IS PAID AS EXCAVATION COMMON.
 TRANSITION CUT WIDTH IS FROM SUBGRADE SHOULDER POINT TO SUBGRADE SHOULDER POINT.
 BACKFILL THE TRANSITION CUT AREAS WITH FOUNDATION AND TRENCH BACKFILL AS SPECIFIED IN STANDARD SPEC 520.
 PERFORM CULVERT PIPE INSTALLATION AND ASPHALTIC SURFACE PATCH BEFORE MILLING AND PAVING.

CULVERT PIPE TRANSITION

ROUTE	STA (CL)	DEPTH D (FT)	PIPE DIA (IN)	REMARKS
USH 8	82+92	4.2	30	ID 21008000165
USH 8	171+38	10.4	36	ID 21008000167

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 Revised Sheet 9
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460-PAVEMENTS

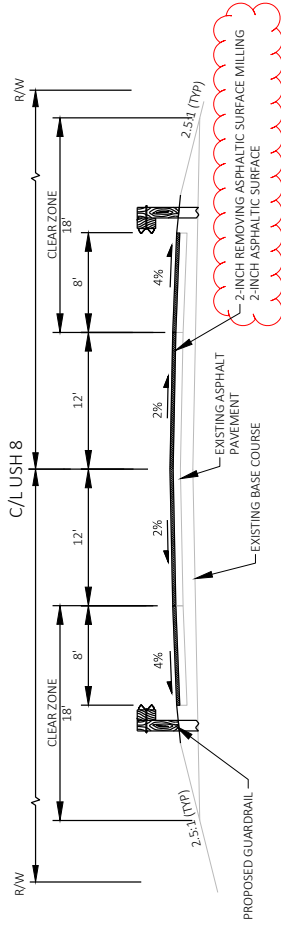
CATEGORY	STATION	TO	STATION	LOCATION	REMOVING ASPHALTIC SURFACE SY	REMOVING ASPHALTIC SURFACE BUTT JOINTS SY	204.0115	204.0120	450.4000	455.0605	460.0105.S	460.0110.S	460.6224	465.0110	465.0475	SPV.0180.01 SPECIAL (01. PROTECTIVE THERMOPLASTIC COATING AT SNOWMOBILE TRAIL CROSSINGS)	465.0105
0010	20+00	-	91+40.82	USH 8	190	120	204.0115	204.0120	450.4000	455.0605	460.0105.S	460.0110.S	460.6224	465.0110	465.0475	SPV.0180.01 SPECIAL (01. PROTECTIVE THERMOPLASTIC COATING AT SNOWMOBILE TRAIL CROSSINGS)	465.0105
0010	94+06.32	-	277+00	USH 8	300	130											
0010	277+00	-	336+14.58	USH 8	97	20,900											
0010	336+14.58	-	369+82	USH 8	8	49											
0010	20+00	-	337+77	UNDISTRIBUTED	498	396											
				TOTAL 0010						8,125	1	1	13,905	50	27,270	73	165

PWL MIXTURE USE TABLE

Project ID	Location	Station	Mixture Use	Underlying Surface	Bid Item	Tons	Thickness	Mixture Acceptance	Quality Management Program to be used for:
1590-18-61	12-Ft Driving Lanes - USH 8	20+00 to 91+40.82	Upper Layer	Milled Existing HMA Surface	4 MT 58-28 S	2,165	2"	PWL Incentive Air Voids HMA Pavement 460,2010	Density Acceptance Incentive Density PWL HMA Pavement 460,2005
1590-18-61	Shoulders - USH 8	20+00 to 91+40.82	Upper Layer	Milled Existing HMA Surface	4 MT 58-28 S	630	2"	PWL Incentive Air Voids HMA Pavement 460,2010	Acceptance testing by the Department; Not eligible for incentive
1590-18-61	12-Ft Driving Lanes - USH 8	94+06.32 to 277+00	Upper Layer	Milled Existing HMA Surface	4 MT 58-28 S	5,325	2"	PWL Incentive Air Voids HMA Pavement 460,2010	Incentive Density PWL HMA Pavement 460,2005
1590-18-61	Shoulders - USH 8	94+06.32 to 277+00	Upper Layer	Milled Existing HMA Surface	4 MT 58-28 S	1,720	2"	PWL Incentive Air Voids HMA Pavement 460,2010	Acceptance testing by the Department; Not eligible for incentive
1590-18-61	12-Ft Driving Lanes - USH 8	277+00 to 336+14.58	Upper Layer	Milled Existing HMA Surface	4 MT 58-28 S	2,080	2"	PWL Incentive Air Voids HMA Pavement 460,2010	Incentive Density PWL HMA Pavement 460,2005
1590-18-61	Shoulders - USH 8	277+00 to 336+14.58	Upper Layer	Milled Existing HMA Surface	4 MT 58-28 S	170	2"	PWL Incentive Air Voids HMA Pavement 460,2010	Acceptance testing by the Department; Not eligible for incentive
1590-18-61	12-Ft Driving Lanes - USH 8	336+14.58 to 369+82	Upper Layer	Milled Existing HMA Surface	4 MT 58-28 S	1,000	2"	PWL Incentive Air Voids HMA Pavement 460,2010	Incentive Density PWL HMA Pavement 460,2005
1590-18-61	Shoulders - USH 8	336+14.58 to 369+82	Upper Layer	Milled Existing HMA Surface	4 MT 58-28 S	460	2"	PWL Incentive Air Voids HMA Pavement 460,2010	Acceptance testing by the Department; Not eligible for incentive
1590-18-61	Side Roads	20+00 to 369+82	Upper Layer	Milled Existing HMA Surface	4 MT 58-28 S	350	2"	PWL Incentive Air Voids HMA Pavement 460,2010	Acceptance testing by the Department; Not eligible for incentive
1590-18-61	Snowmobile Crossing		Lower Layer	Base Aggregate	4 MT 58-28 S	2.5	2"	PWL Incentive Air Voids HMA Pavement 460,2010	Acceptance testing by the Department; Not eligible for incentive
1590-18-61	Snowmobile Crossing		Upper Layer	4 MT 58-28 S	4 MT 58-28 S	2.5	2"	PWL Incentive Air Voids HMA Pavement 460,2010	Acceptance testing by the Department; Not eligible for incentive
1590-18-61	Project	20+00 to 369+82	Patching	Existing Base Aggregate	Asphaltic Surface Patching	50	Varies	OMP as per Standard Specification 465	Acceptance by ordinary compaction
1590-18-61	Various Culverts	20+00 to 369+82	Lower Layer	Existing Base Aggregate	Asphaltic Surface	83	3"	OMP as per Standard Specification 465	Acceptance by ordinary compaction
1590-18-61	Various Culverts	20+00 to 369+82	Upper Layer	Asphaltic Surface	Asphaltic Surface	83	3"	OMP as per Standard Specification 465	Acceptance by ordinary compaction

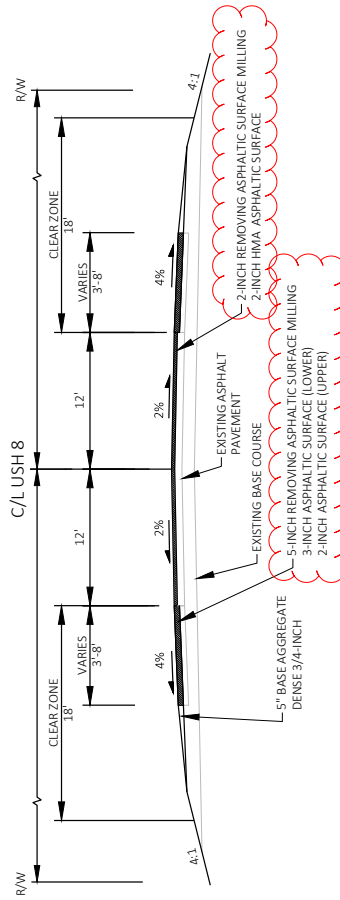
*ADDITIONAL QUANTITIES SHOWN ELSEWHERE

Addendum No. 02
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Revised Sheet 20
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TYPICAL PROPOSED SECTION

B-21-10
 STA 23+95 TO STA 25+88
 STA 27+11 TO STA 28+79



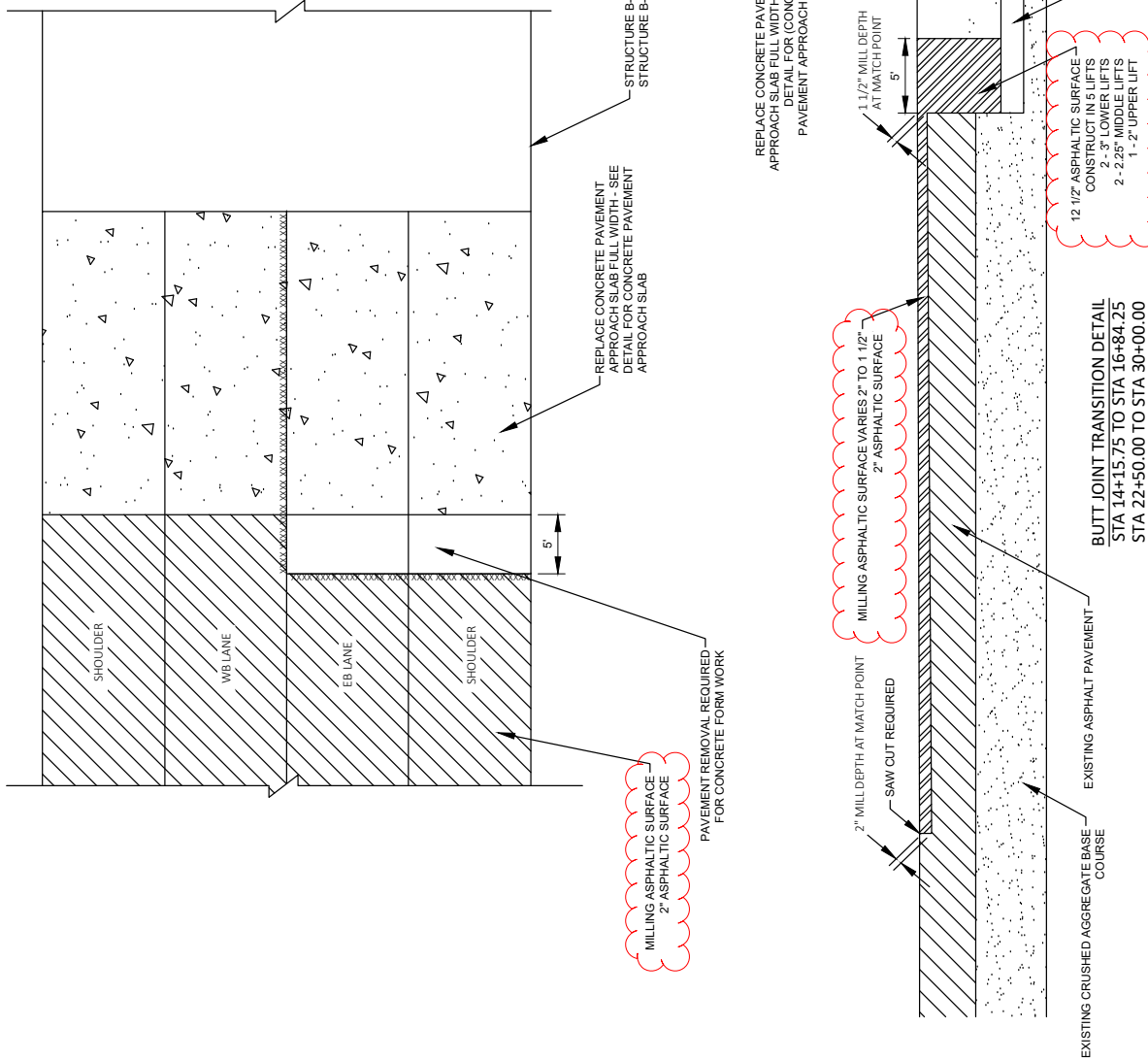
TYPICAL PROPOSED SECTION

B-21-10
 STA 22+50 TO STA 23+95
 STA 28+79 TO STA 30+00

Addendum No. 01
 ID 1590-18-62
 Revised Sheet 5
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NOTE:
STAGE I EASTBOUND LANE APPROACH
SHOWN. MIRROR DETAIL FOR
WESTBOUND APPROACH AND STAGE 2.

Addendum No. 01
ID 1590-18-62
Revised Sheet 6
September 9, 2021

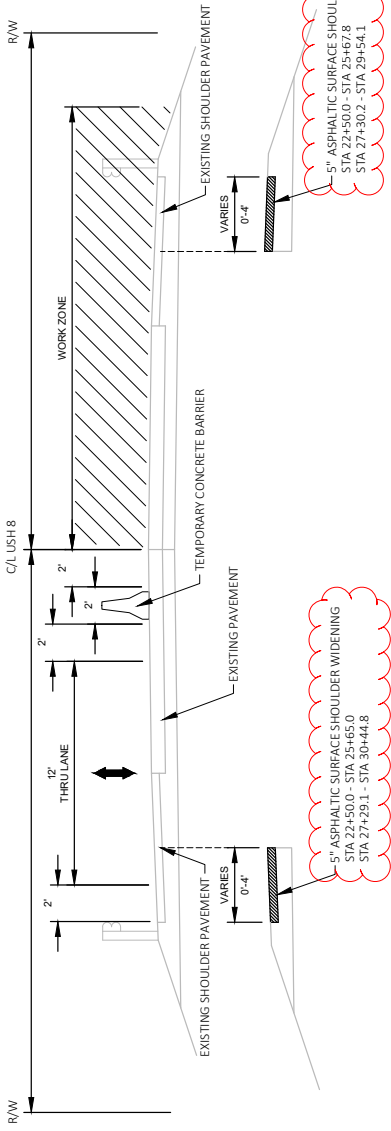


TYPICAL SECTION - STAGE 1

STRUCTURE B-21-10
(LOOKING EAST)

PRE-STAGE 1:
PLACE TEMPORARY SHOULDERS AS REQUIRED UNDER SHOULDER CLOSURE.

STAGE 1:
ON THE EASTBOUND LANE, CLEANING EXISTING DECK, COMPLETE CONCRETE REPAIR, REPLACE HALF OF THE JOINTS, AND PLACE CONCRETE OVERLAY, REPLACE WING WALL IN SOUTHEAST QUADRANT, PLACE HALF OF THE WING STABILIZATION SYSTEM, COMPLETE CONCRETE REPAIR, REPLACE HALF OF THE JOINTS, AND PLACE CONCRETE OVERLAY.
REMOVE AND REPLACE EASTBOUND GUARDRAIL AND CONCRETE APPROACH SLAB.
COMPLETE EASTBOUND APPROACH MILLING AND OVERLAY.

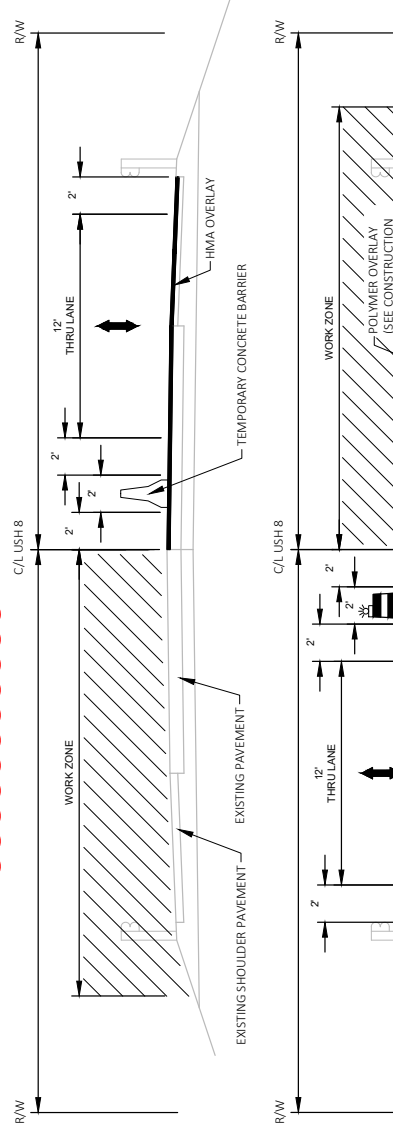


NOTE:
FOR STAGES 1 & 2:
REFER TO STANDARD DETAIL DRAWINGS "TRAFFIC CONTROL, ONE LANE ROAD WITH TEMPORARY SIGNALS", "BRIDGE TEMPORARY TRAFFIC SIGNAL INSTALLATION", "CHANNELIZING DEVICES - DRUMS, CONES, BARRICADES, AND VERTICAL PANEL", AND "MOVING PAVEMENT MARKING OPERATION TWO-LANE TWO-WAY ROADWAY".
FOR STAGES 5 & 6:
REFER TO STANDARD DETAIL DRAWINGS "TRAFFIC CONTROL FOR LANE CLOSURE WITH FLAGGING OPERATION", "CHANNELIZING DEVICES - DRUMS, CONES, BARRICADES, AND VERTICAL PANEL", AND "MOVING PAVEMENT MARKING OPERATION TWO-LANE TWO-WAY ROADWAY".
REFER TO "TRAFFIC CONTROL ONE LANE ROAD STOP CONDITION FOR DRUM, TEMPORARY CONCRETE BARRIER, AND BARRICADE PLACEMENT."

TYPICAL SECTION - STAGE 2

STRUCTURE B-21-10
(LOOKING EAST)

STAGE 2:
ON THE WESTBOUND LANE, CLEANING EXISTING DECK, COMPLETE CONCRETE REPAIR, PLACE OTHER HALF OF THE WING STABILIZATION SYSTEM, REPLACE OTHER HALF OF THE JOINTS, AND PLACE CONCRETE OVERLAY.

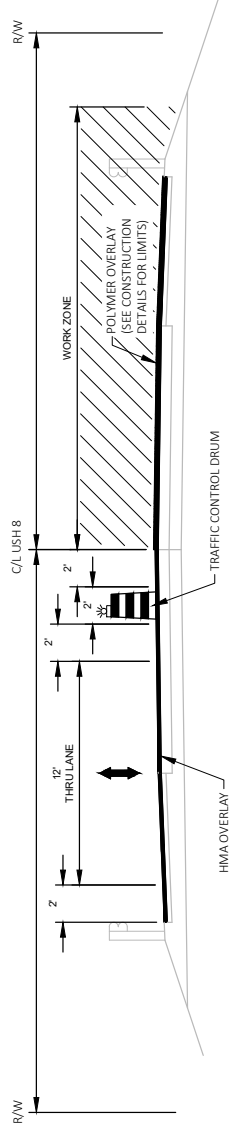


REMOVE AND REPLACE WESTBOUND GUARDRAIL AND CONCRETE APPROACH SLAB.
COMPLETE WESTBOUND APPROACH MILLING AND OVERLAY.
TEMPORARILY MARK THE ROADWAY FOR TWO-WAY TRAFFIC.

TYPICAL SECTION - STAGE 5

STRUCTURE B-21-10
(LOOKING EAST)

STAGE 5:
PLACE POLYMER OVERLAY ON EASTBOUND LANES OF STRUCTURE UNDER FLAGGING OPERATIONS.

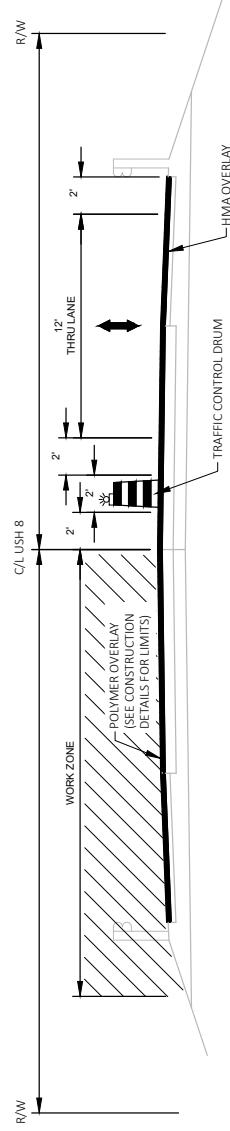


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ID 1590-18-62
Revised Sheet 14
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TYPICAL SECTION - STAGE 6

STRUCTURE B-21-10
(LOOKING EAST)

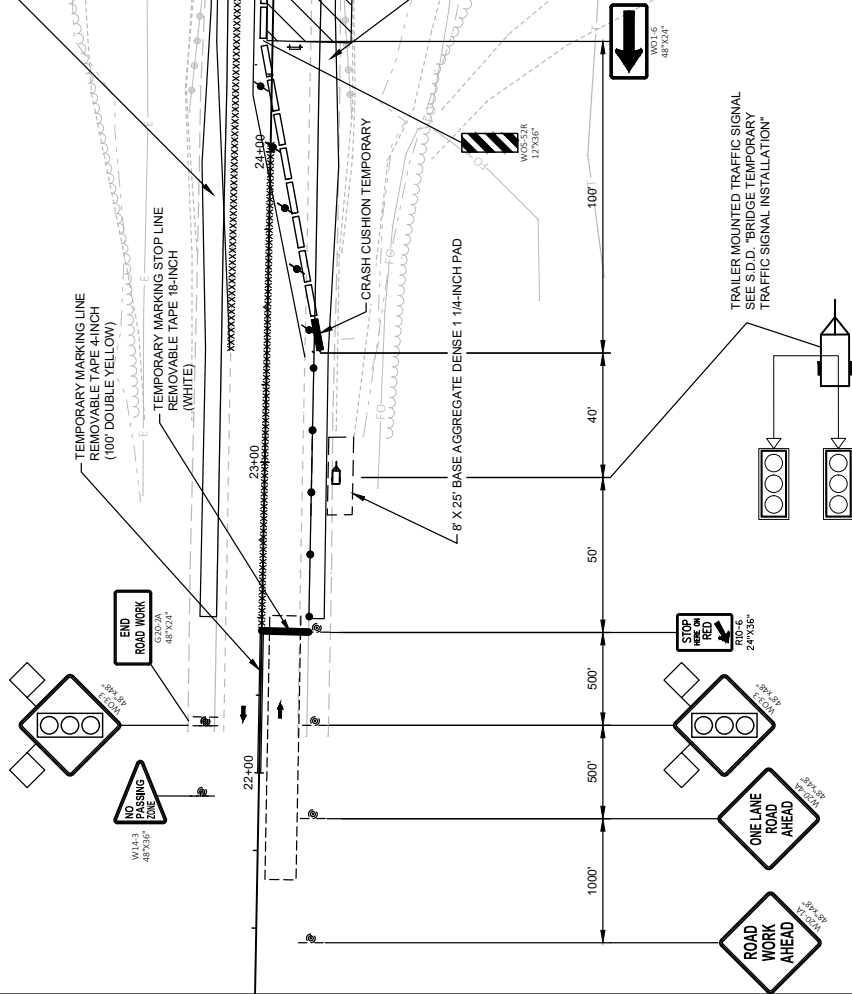
STAGE 6:
PLACE POLYMER OVERLAY ON EASTBOUND LANES OF STRUCTURE UNDER FLAGGING OPERATIONS.
APPLY PERMANENT PAVEMENT MARKING.





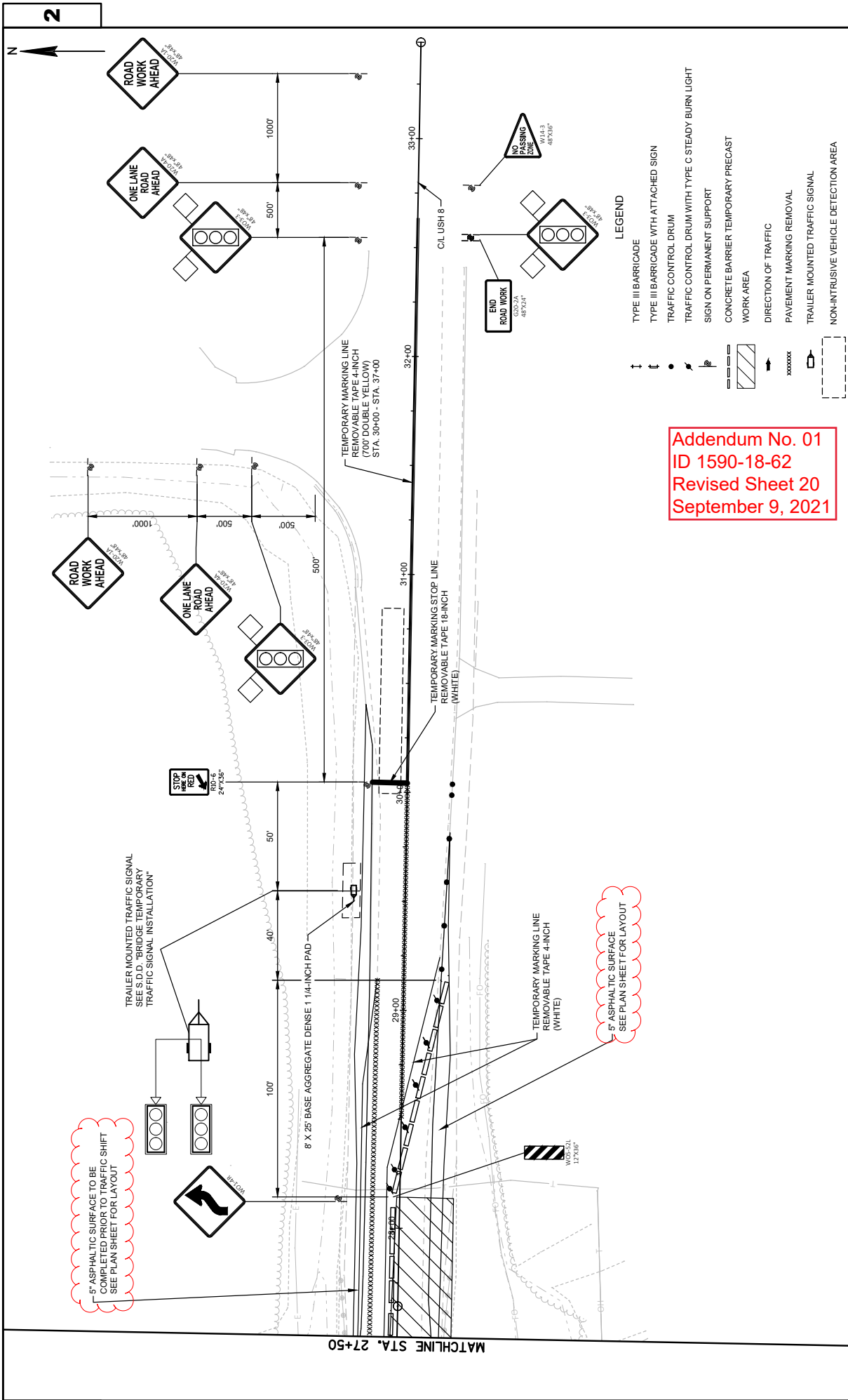
5' ASPHALTIC SURFACE TO BE COMPLETED PRIOR TO TRAFFIC SHIFT. SEE PLAN SHEET FOR LAYOUT.

5' ASPHALTIC SURFACE SEE PLAN SHEET FOR LAYOUT.



Addendum No. 01
ID 1590-18-62
Revised Sheet 19
September 9, 2021

- LEGEND**
- TYPE III BARRICADE
 - TYPE III BARRICADE WITH ATTACHED SIGN
 - TRAFFIC CONTROL DRUM
 - TRAFFIC CONTROL DRUM WITH TYPE C STEADY BURN LIGHT
 - SIGN ON PERMANENT SUPPORT
 - CONCRETE BARRIER TEMPORARY PRECAST
 - WORK AREA
 - DIRECTION OF TRAFFIC
 - PAVEMENT MARKING REMOVAL
 - TRAILER MOUNTED TRAFFIC SIGNAL
 - NON-INTRUSIVE VEHICLE DETECTION AREA



Addendum No. 01
 ID 1590-18-62
 Revised Sheet 20
 September 9, 2021

- LEGEND**
- ↓ TYPE III BARRICADE
 - ↓ TYPE III BARRICADE WITH ATTACHED SIGN
 - TRAFFIC CONTROL DRUM
 - ↔ SIGN ON PERMANENT SUPPORT
 - ▨ CONCRETE BARRIER TEMPORARY PRECAST WORK AREA
 - ↑ DIRECTION OF TRAFFIC
 - XXXXXX PAVEMENT MARKING REMOVAL
 - ☐ TRAILER MOUNTED TRAFFIC SIGNAL
 - ▭ NON-INTRUSIVE VEHICLE DETECTION AREA

CONCRETE PAVEMENT ITEMS

STATION	STATION	LOCATION	SY
14+66	14+81	USH 8, B-21-1	56
16+19	16+34	USH 8, B-21-1	56
25+86	26+01	USH 8, B-21-10	67
26+99	27+14	USH 8, B-21-10	67
PROJECT 1590-18-62 TOTAL			246

BASE AGGREGATE DENSE

STATION	STATION	LOCATION	TON	TON	MGAL	REMARKS
22+50	25+86	B-21-10	60	290	4	WEST APPROACH & SHOULDERS
27+19	30+00	B-21-10	50	215	3	EAST APPROACH & SHOULDERS
UNDISTRIBUTED			15	55	1	UNDISTRIBUTED QUANTITY
PROJECT 1590-18-62 TOTAL			125	560	8	

CONCRETE SURFACE DRAINS

STATION	STATION	LOCATION	CY
25+40	25+85	LT	13
25+40	25+85	RT	13
PROJECT 1590-18-62 TOTAL			26

ASPHALTIC FLUMES

STATION	OFFSET	LOCATION	SY
25+40	LT	USH 8	12
25+40	RT	USH 8	14
PROJECT 1590-18-62 TOTAL			26

RIPRAP

STATION	LOCATION	CY	SY	REMARKS
25+40	USH 8, LT	4	6	ASPHALTIC FLUME LOCATION
25+40	USH 8, RT	4	6	ASPHALTIC FLUME LOCATION
PROJECT 1590-18-62 TOTAL			8	12

FINISHING ROADWAY

PROJECT	EACH
1590-18-62	1
PROJECT 1590-18-62 TOTAL	
	1

ASPHALT PAVEMENT ITEMS

STATION	STATION	LOCATION	TACK COAT GAL	ASPHALTIC SURFACE TON
14+15	14+61	WEST APPROACH B-21-1	10	19
14+61	14+66	WEST APPROACH B-21-1	3	14
16+34	16+39	EAST APPROACH B-21-1	3	14
16+39	16+85	EAST APPROACH B-21-1	10	19
21+50	25+68	WEST APPROACH B-21-10 WIDENING	20	102
27+29	30+45	EAST APPROACH B-21-10 WIDENING	15	72
22+50	25+80	WEST APPROACH B-21-10	80	170
25+80	25+85	WEST APPROACH B-21-10	2	8
27+14	27+19	EAST APPROACH B-21-10	2	8
27+19	30+00	EAST APPROACH B-21-10	70	146
PROJECT 1590-18-62 TOTAL			215	572

Addendum No. 01
ID 1590-18-62
Revised Sheet 28
September 9, 2021



Proposal Schedule of Items

Proposal ID: 20210914015 Project(s): 1590-18-61, 1590-18-62

Federal ID(s): N/A, N/A

SECTION: 0001 Roadway 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	9.000 EACH	_____.	_____.
0004	203.0200 Removing Old Structure (station) 01. 27+00	LS	LUMP SUM	_____.
0006	204.0100 Removing Concrete Pavement	273.000 SY	_____.	_____.
0008	204.0110 Removing Asphaltic Surface	633.000 SY	_____.	_____.
0010	204.0115 Removing Asphaltic Surface Butt Joints	396.000 SY	_____.	_____.
0012	204.0120 Removing Asphaltic Surface Milling	123,920.000 SY	_____.	_____.
0014	204.0165 Removing Guardrail	655.000 LF	_____.	_____.
0016	204.0190 Removing Surface Drains	2.000 EACH	_____.	_____.
0018	204.9060.S Removing (item description) 01. Removing Stone or Rock Ditch Check	8.000 EACH	_____.	_____.
0020	205.0100 Excavation Common	1,059.000 CY	_____.	_____.
0022	206.1000 Excavation for Structures Bridges (structure) 01. B-21-10	LS	LUMP SUM	_____.
0024	208.0100 Borrow	679.000 CY	_____.	_____.
0026	208.1500.S Temporary Lane Shift During Culvert Work	4.000 EACH	_____.	_____.
0028	210.1500 Backfill Structure Type A	190.000 TON	_____.	_____.
0030	211.0100 Prepare Foundation for Asphaltic Paving (project) 01. 1590-18-61	LS	LUMP SUM	_____.



Proposal Schedule of Items

Proposal ID: 20210914015 Project(s): 1590-18-61, 1590-18-62

Federal ID(s): N/A, N/A

SECTION: 0001 Roadway Items

Alt Set ID: Alt Mbr ID:

Proposal Line Number	Item ID Description	Approximate Quantity and Units	Unit Price	Bid Amount
0032	211.0400 Prepare Foundation for Asphaltic Shoulders	16.000 STA	_____.	_____.
0034	213.0100 Finishing Roadway (project) 01. 1590-18-61	1.000 EACH	_____.	_____.
0036	213.0100 Finishing Roadway (project) 02. 1590-18-62	1.000 EACH	_____.	_____.
0038	305.0110 Base Aggregate Dense 3/4-Inch	2,142.000 TON	_____.	_____.
0040	305.0120 Base Aggregate Dense 1 1/4-Inch	930.000 TON	_____.	_____.
0042	415.0410 Concrete Pavement Approach Slab	246.000 SY	_____.	_____.
0044	416.1010 Concrete Surface Drains	26.000 CY	_____.	_____.
0046	450.4000 HMA Cold Weather Paving	3,658.000 TON	_____.	_____.
0048	455.0605 Tack Coat	8,340.000 GAL	_____.	_____.
0050	460.0105.S HMA Percent Within Limits (PWL) Test Strip Volumetrics	1.000 EACH	_____.	_____.
0052	460.0110.S HMA Percent Within Limits (PWL) Test Strip Density	1.000 EACH	_____.	_____.
0056	460.2005 Incentive Density PWL HMA Pavement	10,570.000 DOL	1.00000	10,570.00
0058	460.2007 Incentive Density HMA Pavement Longitudinal Joints	14,415.000 DOL	1.00000	14,415.00
0060	460.2010 Incentive Air Voids HMA Pavement	13,905.000 DOL	1.00000	13,905.00
0062	460.6224 HMA Pavement 4 MT 58-28 S	13,905.000 TON	_____.	_____.



Proposal Schedule of Items

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SECTION: 0001 Roadway Items

Alt Set ID: Alt Mbr ID:

Proposal Line Number	Item ID Description	Approximate Quantity and Units	Unit Price	Bid Amount
0064	465.0110 Asphaltic Surface Patching	50.000 TON	_____.	_____.
0066	465.0315 Asphaltic Flumes	26.000 SY	_____.	_____.
0068	465.0475 Asphalt Centerline Rumble Strips 2-Lane Rural	27,270.000 LF	_____.	_____.
0070	502.0100 Concrete Masonry Bridges	10.000 CY	_____.	_____.
0072	502.2000 Compression Joint Sealer Preformed Elastomeric (width) 01. (2-INCH)	35.000 LF	_____.	_____.
0074	502.3101 Expansion Device 01. B-21-1	35.000 LF	_____.	_____.
0076	502.3200 Protective Surface Treatment	440.000 SY	_____.	_____.
0078	502.3210 Pigmented Surface Sealer	214.000 SY	_____.	_____.
0080	502.4205 Adhesive Anchors No. 5 Bar	74.000 EACH	_____.	_____.
0082	502.4206 Adhesive Anchors No. 6 Bar	7.000 EACH	_____.	_____.
0084	502.4207 Adhesive Anchors No. 7 Bar	5.000 EACH	_____.	_____.
0086	505.0400 Bar Steel Reinforcement HS Structures	1,740.000 LB	_____.	_____.
0088	505.0600 Bar Steel Reinforcement HS Coated Structures	810.000 LB	_____.	_____.
0090	505.0905 Bar Couplers No. 5	6.000 EACH	_____.	_____.
0092	505.0906 Bar Couplers No. 6	7.000 EACH	_____.	_____.
0094	509.0301 Preparation Decks Type 1	72.000 SY	_____.	_____.



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Alt Set ID: Alt Mbr ID:

Proposal Line Number	Item ID Description	Approximate Quantity and Units	Unit Price	Bid Amount
0096	509.0302 Preparation Decks Type 2	34.000 SY	_____.	_____.
0098	509.0500 Cleaning Decks	950.000 SY	_____.	_____.
0100	509.1000 Joint Repair	21.000 SY	_____.	_____.
0102	509.1500 Concrete Surface Repair	90.000 SF	_____.	_____.
0104	509.2000 Full-Depth Deck Repair	6.000 SY	_____.	_____.
0106	509.2500 Concrete Masonry Overlay Decks	65.000 CY	_____.	_____.
0108	509.5100.S Polymer Overlay	955.000 SY	_____.	_____.
0110	509.9050.S Cleaning Parapets	517.000 LF	_____.	_____.
0112	511.1200 Temporary Shoring (structure) 01. B-21-10	300.000 SF	_____.	_____.
0114	514.0900 Adjusting Floor Drains	6.000 EACH	_____.	_____.
0116	516.0500 Rubberized Membrane Waterproofing	2.000 SY	_____.	_____.
0118	517.1800.S Structure Repainting Recycled Abrasive (structure) 01. B-21-1	LS	LUMP SUM	_____.
0120	517.4500.S Negative Pressure Containment and Collection of Waste Materials (structure) 01. B-21-1	LS	LUMP SUM	_____.
0122	517.6001.S Portable Decontamination Facility	1.000 EACH	_____.	_____.
0124	520.1030 Apron Endwalls for Culvert Pipe 30-Inch	2.000 EACH	_____.	_____.



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Alt Set ID: Alt Mbr ID:

Proposal Line Number	Item ID Description	Approximate Quantity and Units	Unit Price	Bid Amount
0126	520.1036 Apron Endwalls for Culvert Pipe 36-Inch	2.000 EACH	_____.	_____.
0128	520.3430 Culvert Pipe Class III-A Non-metal 30-Inch	72.000 LF	_____.	_____.
0130	520.3636 Culvert Pipe Class III-B Non-metal 36-Inch	144.000 LF	_____.	_____.
0132	520.8000 Concrete Collars for Pipe	9.000 EACH	_____.	_____.
0134	520.8700 Cleaning Culvert Pipes	7.000 EACH	_____.	_____.
0136	522.0124 Culvert Pipe Reinforced Concrete Class III 24-Inch	48.000 LF	_____.	_____.
0138	522.0136 Culvert Pipe Reinforced Concrete Class III 36-Inch	130.000 LF	_____.	_____.
0140	522.1024 Apron Endwalls for Culvert Pipe Reinforced Concrete 24-Inch	5.000 EACH	_____.	_____.
0142	522.1036 Apron Endwalls for Culvert Pipe Reinforced Concrete 36-Inch	6.000 EACH	_____.	_____.
0144	603.8000 Concrete Barrier Temporary Precast Delivered	1,230.000 LF	_____.	_____.
0146	603.8125 Concrete Barrier Temporary Precast Installed	2,460.000 LF	_____.	_____.
0148	606.0200 Riprap Medium	172.000 CY	_____.	_____.
0150	606.0300 Riprap Heavy	80.000 CY	_____.	_____.
0152	612.0406 Pipe Underdrain Wrapped 6-Inch	25.000 LF	_____.	_____.



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Alt Set ID: Alt Mbr ID:

Proposal Line Number	Item ID Description	Approximate Quantity and Units	Unit Price	Bid Amount
0154	614.0010 Barrier System Grading Shaping Finishing	9.000 EACH	_____.	_____.
0156	614.0150 Anchor Assemblies for Steel Plate Beam Guard	1.000 EACH	_____.	_____.
0158	614.0345 Steel Plate Beam Guard Short Radius	28.000 LF	_____.	_____.
0160	614.0370 Steel Plate Beam Guard Energy Absorbing Terminal	2.000 EACH	_____.	_____.
0162	614.0390 Steel Plate Beam Guard Short Radius Terminal	1.000 EACH	_____.	_____.
0164	614.0515 Guardrail Stifened LHW	50.000 LF	_____.	_____.
0166	614.0905 Crash Cushions Temporary	4.000 EACH	_____.	_____.
0168	614.0920 Salvaged Rail	360.000 LF	_____.	_____.
0170	614.2300 MGS Guardrail 3	350.000 LF	_____.	_____.
0172	614.2500 MGS Thrie Beam Transition	157.600 LF	_____.	_____.
0174	614.2610 MGS Guardrail Terminal EAT	4.000 EACH	_____.	_____.
0176	618.0100 Maintenance And Repair of Haul Roads (project) 01. 1590-18-61	1.000 EACH	_____.	_____.
0178	618.0100 Maintenance And Repair of Haul Roads (project) 02.1590-18-62	1.000 EACH	_____.	_____.
0180	619.1000 Mobilization	1.000 EACH	_____.	_____.
0182	624.0100 Water	44.200 MGAL	_____.	_____.



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SECTION: 0001 Roadway Items

Alt Set ID: Alt Mbr ID:

Proposal Line Number	Item ID Description	Approximate Quantity and Units	Unit Price	Bid Amount
0184	625.0100 Topsoil	4,476.000 SY	_____.	_____.
0186	627.0200 Mulching	705.000 SY	_____.	_____.
0188	628.1504 Silt Fence	3,507.000 LF	_____.	_____.
0190	628.1520 Silt Fence Maintenance	3,507.000 LF	_____.	_____.
0192	628.1905 Mobilizations Erosion Control	14.000 EACH	_____.	_____.
0194	628.1910 Mobilizations Emergency Erosion Control	8.000 EACH	_____.	_____.
0196	628.2004 Erosion Mat Class I Type B	1,931.000 SY	_____.	_____.
0198	628.2006 Erosion Mat Urban Class I Type A	3,405.000 SY	_____.	_____.
0200	628.7015 Inlet Protection Type C	6.000 EACH	_____.	_____.
0202	628.7515.S Stone Ditch Checks	28.000 CY	_____.	_____.
0204	628.7555 Culvert Pipe Checks	18.000 EACH	_____.	_____.
0206	629.0210 Fertilizer Type B	2.990 CWT	_____.	_____.
0208	630.0120 Seeding Mixture No. 20	136.000 LB	_____.	_____.
0210	630.0500 Seed Water	129.000 MGAL	_____.	_____.
0212	633.5200 Markers Culvert End	12.000 EACH	_____.	_____.
0214	638.2102 Moving Signs Type II	5.000 EACH	_____.	_____.
0216	642.5001 Field Office Type B	1.000 EACH	_____.	_____.



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Alt Set ID: Alt Mbr ID:

Proposal Line Number	Item ID Description	Approximate Quantity and Units	Unit Price	Bid Amount
0218	643.0300 Traffic Control Drums	6,317.000 DAY	_____.	_____.
0220	643.0420 Traffic Control Barricades Type III	238.000 DAY	_____.	_____.
0222	643.0715 Traffic Control Warning Lights Type C	2,674.000 DAY	_____.	_____.
0224	643.0900 Traffic Control Signs	9,774.000 DAY	_____.	_____.
0226	643.1000 Traffic Control Signs Fixed Message	36.000 SF	_____.	_____.
0228	643.5000 Traffic Control	1.000 EACH	_____.	_____.
0230	645.0111 Geotextile Type DF Schedule A	10.000 SY	_____.	_____.
0232	645.0120 Geotextile Type HR	503.000 SY	_____.	_____.
0234	645.0130 Geotextile Type R	115.000 SY	_____.	_____.
0236	646.1020 Marking Line Epoxy 4-Inch	18,329.000 LF	_____.	_____.
0238	646.1040 Marking Line Grooved Wet Ref Epoxy 4-Inch	68,600.000 LF	_____.	_____.
0240	646.3040 Marking Line Grooved Wet Ref Epoxy 8-Inch	240.000 LF	_____.	_____.
0242	646.4520 Marking Line Same Day Epoxy 4-Inch	1,190.000 LF	_____.	_____.
0244	646.6464 Cold Weather Marking Epoxy 4-Inch	19,171.000 LF	_____.	_____.
0246	646.9000 Marking Removal Line 4-Inch	2,947.000 LF	_____.	_____.
0248	648.0100 Locating No-Passing Zones	5.990 MI	_____.	_____.



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SECTION: 0001 Roadway Items

Alt Set ID: Alt Mbr ID:

Proposal Line Number	Item ID Description	Approximate Quantity and Units	Unit Price	Bid Amount
0250	649.0105 Temporary Marking Line Paint 4-Inch	33,910.000 LF	_____.	_____.
0252	649.0120 Temporary Marking Line Epoxy 4-Inch	16,841.000 LF	_____.	_____.
0254	649.0150 Temporary Marking Line Removable Tape 4-Inch	8,004.000 LF	_____.	_____.
0256	649.0850 Temporary Marking Stop Line Removable Tape 18-Inch	88.000 LF	_____.	_____.
0258	650.6000 Construction Staking Pipe Culverts	5.000 EACH	_____.	_____.
0260	650.6500 Construction Staking Structure Layout (structure) 01. B-21-1	LS	LUMP SUM	_____.
0262	650.6500 Construction Staking Structure Layout (structure) 02. B-21-10	LS	LUMP SUM	_____.
0264	650.8000 Construction Staking Resurfacing Reference	34,803.000 LF	_____.	_____.
0266	650.9910 Construction Staking Supplemental Control (project) 01. 1590-18-61	LS	LUMP SUM	_____.
0268	650.9910 Construction Staking Supplemental Control (project) 02. 1590-18-62	LS	LUMP SUM	_____.
0270	650.9920 Construction Staking Slope Stakes	900.000 LF	_____.	_____.
0272	661.0100 Temporary Traffic Signals for Bridges (structure) 01. B-21-1	LS	LUMP SUM	_____.
0274	661.0100 Temporary Traffic Signals for Bridges (structure) 02. B-21-10	LS	LUMP SUM	_____.
0276	690.0150 Sawing Asphalt	604.000 LF	_____.	_____.



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SECTION: 0001 Roadway Items

Alt Set ID: Alt Mbr ID:

Proposal Line Number	Item ID Description	Approximate Quantity and Units	Unit Price	Bid Amount
0278	690.0250 Sawing Concrete	80.000 LF	_____.	_____.
0280	715.0415 Incentive Strength Concrete Pavement	500.000 DOL	1.00000	500.00
0282	715.0502 Incentive Strength Concrete Structures	500.000 DOL	1.00000	500.00
0284	740.0440 Incentive IRI Ride	26,380.000 DOL	1.00000	26,380.00
0286	999.2000.S Installing and Maintaining Bird Deterrent System (Station) 01. B-21-1	1.000 EACH	_____.	_____.
0288	999.2000.S Installing and Maintaining Bird Deterrent System (Station) 02. B-21-10	1.000 EACH	_____.	_____.
0290	SPV.0090 Special 01. Reinstalled Salvaged Rail	360.000 LF	_____.	_____.
0292	SPV.0090 Special 02. Grading and Shaping Ditch	735.000 LF	_____.	_____.
0294	SPV.0105 Special 01. Wing Stabilization	LS	LUMP SUM	_____.
0296	SPV.0105 Special 02. Temporary Water Diversion - Sta 211+50	LS	LUMP SUM	_____.
0298	SPV.0180 Special 01. Protective Thermoplastic Coating At Snowmobile Trail Crossings	73.000 SY	_____.	_____.
0300	465.0105 Asphaltic Surface	737.000 TON	_____.	_____.
Section: 0001			Total:	_____.
			Total Bid:	_____.