

INDEX OF SHEETS	
No.	DESCRIPTION
<b>A Sheets</b>	<b>Title Sheets</b>
A.1	Title Sheet
A.2	Location Map Sheet
<b>B Sheets</b>	<b>Typical Cross Sections and Details</b>
B.1	Typical Cross Sections and Details
<b>C Sheets</b>	<b>Quantities and General Information</b>
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C.10	Standard Road Plans
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<b>D Sheets</b>	<b>Mainline Plan and Profile Sheets</b>
D.1 - 2	US 61
<b>J Sheets</b>	<b>Traffic Control and Staging Sheets</b>
J.1 - 4	Traffic Control Plan



PLANS OF PROPOSED IMPROVEMENT ON THE  
PRIMARY ROAD SYSTEM  
SCOTT COUNTY  
HMA RESURFACING WITH MILLING  
S of I-80 to N of 210th St

SCALES: As Noted

Refer to the Proposal Form for list of applicable specifications.

Value Engineering Saves. Refer to Article 1105.13 of the Specifications.



REVISIONS

PROJECT IDENTIFICATION NUMBER	TOTAL
	28
26-82-061-010	
PROJECT NUMBER	
NHSX-061-5(156)--3H-82	
R.O.W. PROJECT NUMBER	

DESIGN DATA URBAN			
2024	AADT	38300	V.P.D.
20	- AADT	-	V.P.D.
20	- DHV	-	V.P.H.
TRUCKS		11	%
Total Design ESALs		-	

INDEX OF SEALS			
SHEET NO.	NAME	TYPE	BID QUANTITY SHEETS
A.1	Seth Morling	Primary Signature Block	C.1
X	X	X	X

LICENSED PROFESSIONAL ENGINEER

SETH A. MORLING  
P27141

IOWA

I hereby certify that this engineering document was prepared by me or under my direct personal supervision and that I am a duly licensed Professional Engineer under the laws of the State of Iowa.

Seth Morling

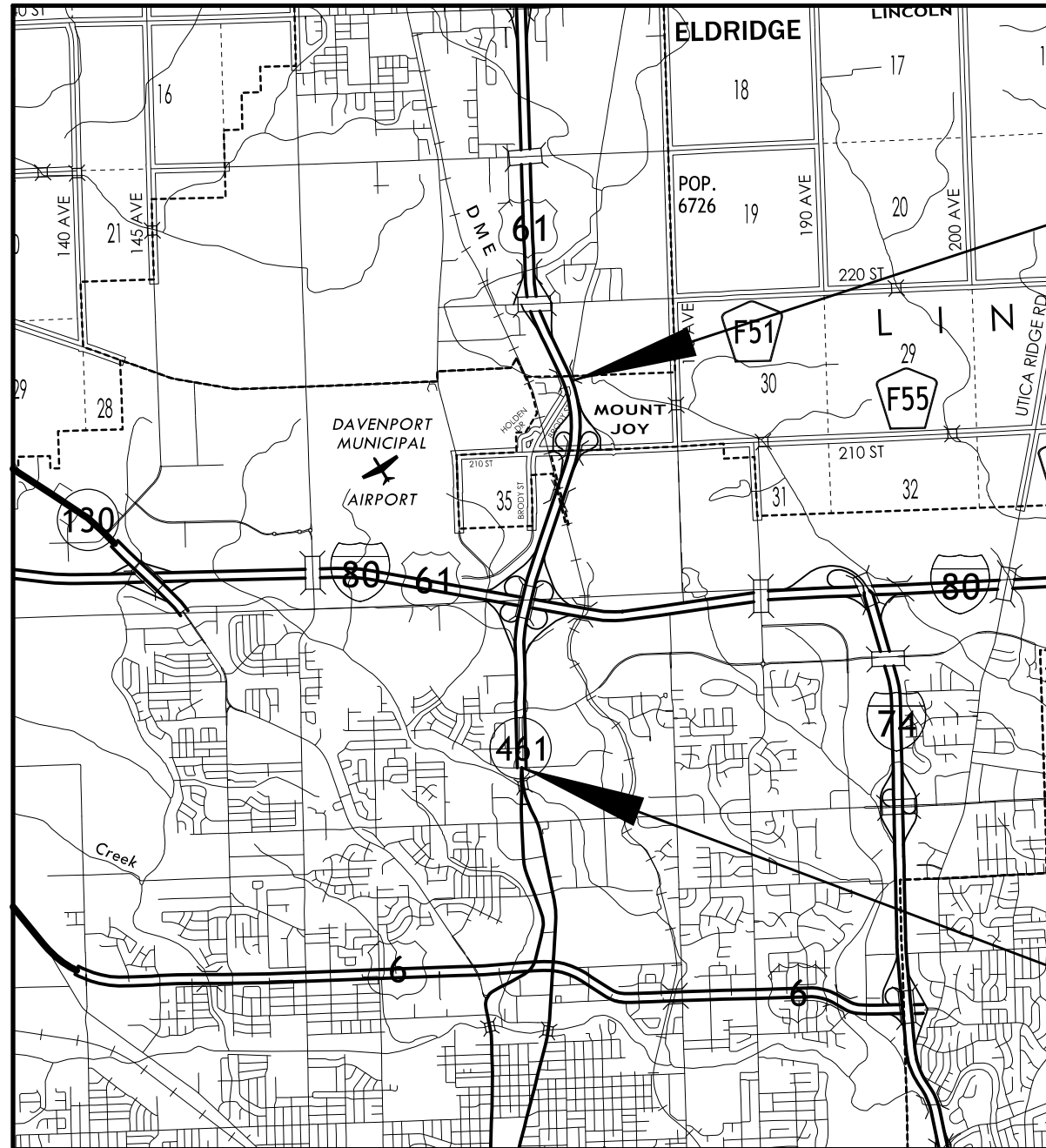
04-30-2026

Signature Date

Seth Morling  
Printed or Typed Name

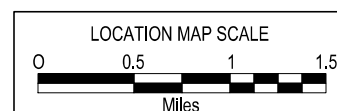
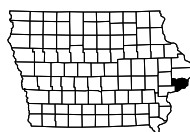
My license renewal date is December 31, 20 26

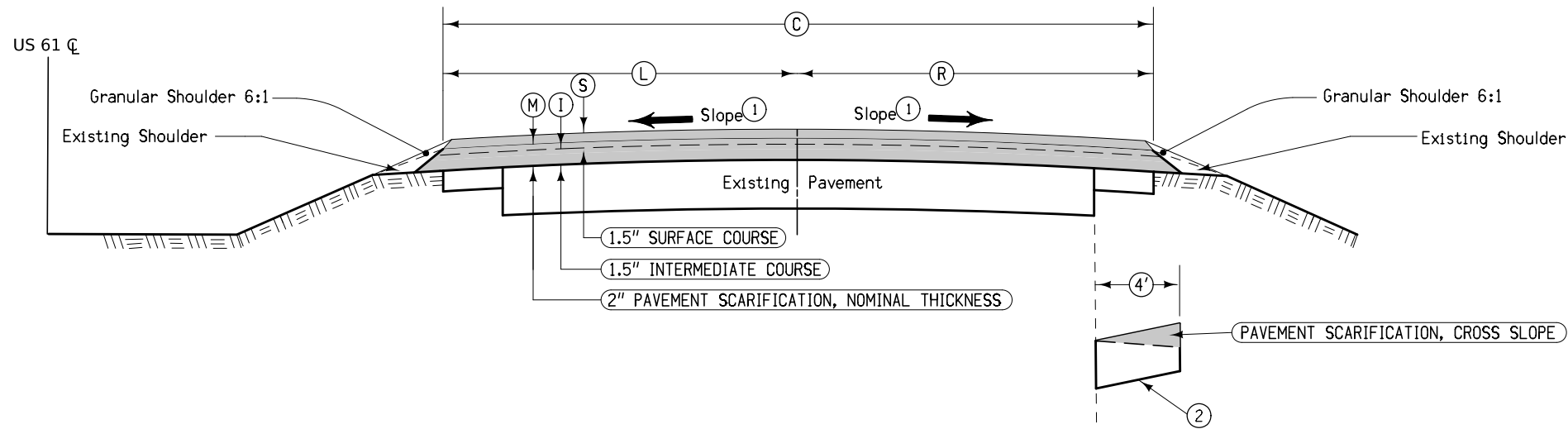
Pages or sheets covered by this seal: A.1-A.2, B.1, C.1-C.18, D.1-D.2, J.1-J.4



END CONSTRUCTION  
MP 124.5

BEGIN CONSTRUCTION  
MP 122.24





- ① Match finished slope to existing pavement, except that the maximum allowable slope is 3.5%, minimum allowable slope is 2.0%. Section may be modified as directed by the Engineer through areas of special shaping.
- Refer to tabulation listing of superelevated curves and Standard Road Plans for additional requirements through superelevated curves.
- ② Existing shoulder being constructed in tied project BRF-061-5(157)--38-82

### Pavement Scarification in Superelevated Shoulder Strengthening Areas

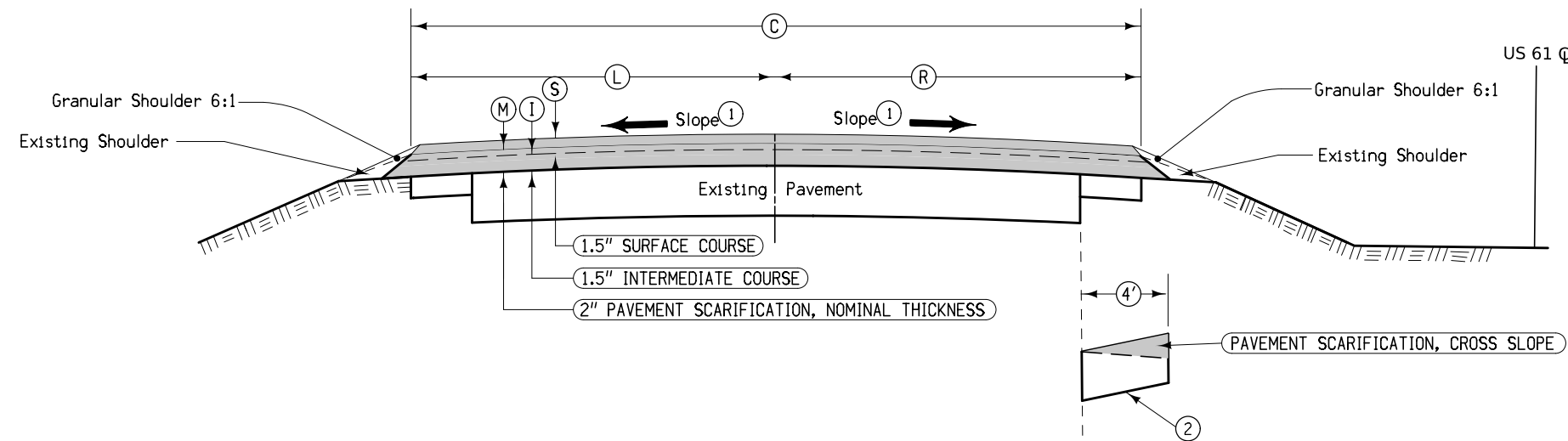
Station To Station		Existing Cross Slope	Proposed Cross Slope
471+88.72	474+98.00	+3.5%	-4.0%
480+96.00	492+74.00	+3.5%	-4.0%

### HMA RESURFACING

Location			(S)	(I)	(M)	(C)	(L)	(R)				Remarks
Road Identification	Station To Station		Inches	Inches	Inches	Feet	Feet	Feet				
US 61	387+75	389+50	1.5	1.5	2	44						
	389+50	417+02	1.5	1.5	2	32						
	417+02	419+41	1.5	1.5	2	28						
	424+00	426+85	1.5	1.5	2	28						
	426+85	442+50	1.5	1.5	2	32						
	442+50	458+53	1.5	1.5	2	44						
	464+06	476+97	1.5	1.5	2	32						
	480+96	504+45	1.5	1.5	2	32						

\*Refer to Tab. 100-25  
for ramp and gore areas

### US 61 NORTHBOUND



- ① Match finished slope to existing pavement, except that the maximum allowable slope is 3.0%, minimum allowable slope is 2.0%. Section may be modified as directed by the Engineer through areas of special shaping.
- Refer to tabulation listing of superelevated curves and Standard Road Plans for additional requirements through superelevated curves.
- ② Existing shoulder being constructed in tied project BRF-061-5(157)--38-82

### Pavement Scarification in Superelevated Shoulder Strengthening Areas

Station To Station		Existing Cross Slope	Proposed Cross Slope
471+88.72	476+70.00	+3.5%	-4.0%
480+80.00	488+09.00	+3.5%	-4.0%

### HMA RESURFACING

Location			(S)	(I)	(M)	(C)	(L)	(R)				Remarks
Road Identification	Station To Station		Inches	Inches	Inches	Feet	Feet	Feet				
US 61	402+50	417+05	1.5	1.5	2	32						
	417+05	419+25	1.5	1.5	2	28						
	424+00	426+25	1.5	1.5	2	28						
	426+25	444+00	1.5	1.5	2	32						
	444+00	460+15	1.5	1.5	2	44						
	465+95	468+00	1.5	1.5	2	32-44						
	468+00	476+70	1.5	1.5	2	44						
	480+80	504+80	1.5	1.5	2	32						

\*Refer to Tab. 100-25  
for ramp and gore areas

### US 61 SOUTHBOUND

ESTIMATED PROJECT QUANTITIES AND REFERENCE NOTES

Roadway Items : Roadway Items

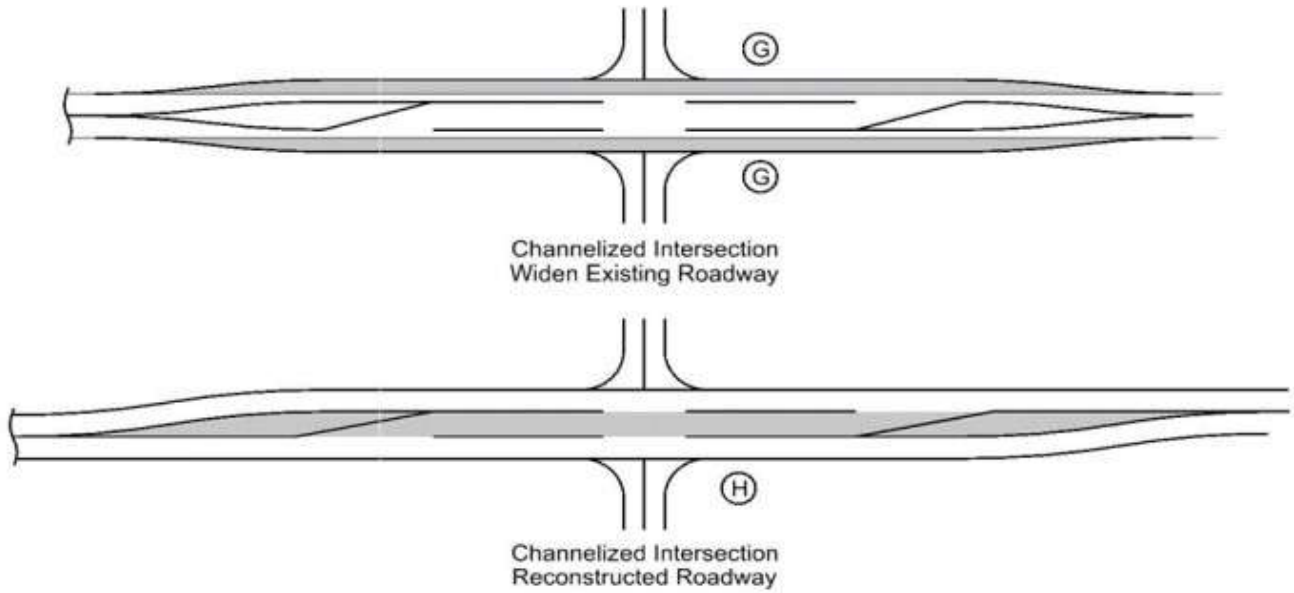
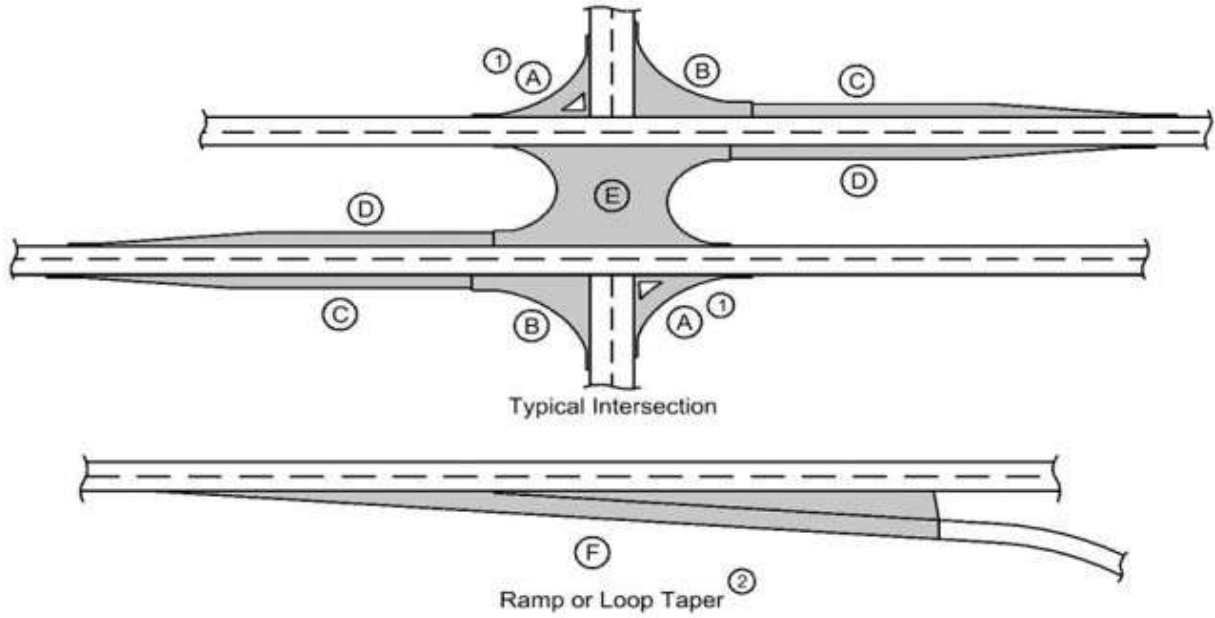
Item no.	Item Code	Item	Unit	Quantities	Estimate Reference Notes
				Estimated	
				Roadway Items	
1	2121-7425020	GRANULAR SHOULDERS, TYPE B	TON	499.4	Refer to B Sheets for locations. Assumed unit weight of 140lbs/cf.
2	2212-0475095	CLEANING AND PREPARATION OF BASE	MILE	5	This bid item includes: 0.5 miles of ramps, 2.25 miles of NB roadway, 2.25 miles of SB four lane roadway. 5 miles total
3	2212-5070310	PATCHES, FULL-DEPTH REPAIR	SY	254	Refer to Tab. 102-6C on C Sheets.
4	2212-5070330	PATCHES BY COUNT (REPAIR)	EACH	26	Refer to Tab. 102-6C on C Sheets.
5	2214-5145150	PAVEMENT SCARIFICATION, NOMINAL THICKNESS	SY	83,365.39	Refer to B Sheets and Tab, 100-25 on C Sheets for locations and details.
6	2214-5145162	PAVEMENT SCARIFICATION, CROSS SLOPE	TON	109.2	
7	2303-0003380	HOT MIX ASPHALT MIXTURE THIN LIFT SURFACE COURSE, 3/8 IN. MIX	TON	7,878.1	Refer to B Sheets and Tab. 100-25 on C Sheets for locations and details. Item includes 5% additional quantity for variance. Assumed unit weight is 160pcf.
8	2303-1052500	HOT MIX ASPHALT VERY HIGH TRAFFIC, INTERMEDIATE COURSE 1/2 IN. MIX	TON	7,631.7	Refer to B Sheets and Tab. 100-25 on C Sheets for locations and details. Item includes 5% additional quantity for variance. Assumed unit weight is 155pcf.
9	2303-1258285	ASPHALT BINDER, PG 58-28V, VERY HIGH TRAFFIC	TON	458	Refer to B Sheets and Tab. 100-25 on C Sheets for locations and details. Item is for HMA Intermediate lift. Binder content is estimated at 6% of HMA item. Item includes 5% additional quantity for variance.
10	2303-1264347	ASPHALT BINDER, PG 64-34E+, EXTREMELY HIGH TRAFFIC, 90% ELASTIC RECOVERY	TON	630	Refer to B Sheets and Tab. 100-25 on C Sheets for locations and details. Binder content is estimated at 8% of HMA item. Item is for HMA Surface course. Item includes 5% additional quantity for variance.
11	2303-6911000	HOT MIX ASPHALT PAVEMENT SAMPLES	LS	1	--
12	2303-7000610	PAYMENT ADJUSTMENT INCENTIVE/DISINCENTIVE FOR HMA MIXTURE LABORATORY VOIDS (FORMULA - BY PAY FACTOR)	EACH	7,631.7	Item quantity based on total HMA Indeterminate mix tons. Item does not include HMA Thin Lift Surface Mix tons.
13	2303-7000620	PAYMENT ADJUSTMENT INCENTIVE/DISINCENTIVE FOR HMA MIXTURE FIELD VOIDS (FORMULA - BY PAY FACTOR)	EACH	7,631.7	
14	2317-7000120	PAYMENT ADJUSTMENT INCENTIVE/DISINCENTIVE FOR HMA PAVEMENT SMOOTHNESS (BY SCHEDULE)	EACH	20,008	Item quantity based on 0.24 x total SY of final lift mix.
15	2505-4008120	REMOVAL OF STEEL BEAM GUARDRAIL	LF	2,035	Refer to Tab. 110-07A on C Sheets for locations and details.
16	2505-4008300	STEEL BEAM GUARDRAIL	LF	1,262.5	Refer to Tab. 108-8A and 108-08C on C Sheets for locations and details.
17	2505-4008410	STEEL BEAM GUARDRAIL BARRIER TRANSITION SECTION, BA-201	EACH	2	Refer to Tab. 108-8A on C Sheets for locations and details.
18	2505-4021010	STEEL BEAM GUARDRAIL END ANCHOR, BOLTED	EACH	2	
19	2505-4021020	STEEL BEAM GUARDRAIL END ANCHOR, W-BEAM	EACH	8	Refer to Tab. 108-8C on C Sheets for locations and details.
20	2505-4021720	STEEL BEAM GUARDRAIL TANGENT END TERMINAL, BA-205	EACH	10	Refer to Tab. 108-8A and 108-8C on C Sheets for locations and details.
21	2527-9263209	PAINTED PAVEMENT MARKINGS, WATERBORNE OR SOLVENT-BASED	STA	2,020.4	Refer to Tab. 108-22 on C Sheets for locations and details.



Item no.	Item Code	Item	Unit	Quantities	Estimate Reference Notes
				Estimated	
				Roadway Items	
22	2527-9270112	GROOVES CUT FOR PAVEMENT MARKINGS	STA	505.1	
23	2528-2518000	SAFETY CLOSURE	EACH	13	Refer to Tab 108-13A for locations and details.
24	2528-8445110	TRAFFIC CONTROL	LS	1	Refer to J Sheets for details.
25	2528-9290050	PORTABLE DYNAMIC MESSAGE SIGN (PDMS)	CDAY	0	-- See Proposal.
26	2529-2242304	CD JOINT ASSEMBLY	EACH	2	Refer to Tab 102-06C in C Sheets for locations and details.
27	2529-2242320	CT JOINT	EACH	3	
28	2529-5070110	PATCHES, FULL-DEPTH FINISH, BY AREA	SY	96	
29	2529-5070120	PATCHES, FULL-DEPTH FINISH, BY COUNT	EACH	6	
30	2529-8174010	SUBBASE (PATCHES)	SY	28	
31	2529-8174020	SUBBASE PATCH WITH EF JOINT	SY	96	
32	2529-8201000	JOINT ASSEMBLY, EF	EACH	6	
33	2533-4980005	MOBILIZATION	LS	1	--
34	2548-0000100	MILLED SHOULDER RUMBLE STRIPS, HMA SURFACE	STA	292.2	Refer to Tab. 112-10 in C Sheets for locations and details.
35	2548-0000110	ASPHALT EMULSION FOR FOG SEAL (SHOULDER RUMBLE STRIPS)	GAL	316.5	

HMA PAVEMENT

100.25  
4/15/25



(1) Does not include raised island area or curb. Refer to tabulation 112-4 for quantities.  
(2) Refer to PV-410, PV-411, PV-412, and PV-414.  
(3) Quantity includes Pavement Header.

Road Identification	Direction of Travel	Station From	Station To	Width (FT)	Length (FT)	Area (SY)	Area F (SY) (3)	HMA Pavement Surface (TONS)	HMA Pavement Surface (SY)	HMA Pavement Intermediate (TONS)	HMA Pavement Intermediate (SY)	Binder Surface (TONS)	Binder Intermediate (TONS)	Binder Base (TONS)	Polymer Grid (SY)	Special Backfill (TONS)	Modified Subbase (CY)	Granular Subbase (SY)	Pavement Scarification (SY)	Hot In-Place Recycling (SY)	Asphalt Rejuvenating Agent 0.175 GAL/SY/IN	Remarks
US 61	NB	387+75.00	389+50.00	44.0	175.00	855.56		77.000	855.60	74.600	855.60	6.160	4.500						855.60			
	NB	389+50.00	417+02.00	32.0	2752.00	9784.89	2530.00	1108.300	12314.90	1073.700	12314.90	88.667	64.400						12314.90			
	NB	417+02.00	419+41.00	28.0	239.00	743.56		66.900	743.60	64.800	743.60	5.354	3.900						743.56			
	NB	424+00.00	426+85.00	28.0	285.00	886.67		79.800	886.70	77.300	886.70	6.384	4.600						886.67			
	NB	426+85.00	442+50.00	32.0	1565.00	5564.44	612.00	555.900	6176.40	538.500	6176.40	44.470	32.300						6176.44			
	NB	442+50.00	458+53.00	44.0	1603.00	7836.89		705.300	7836.90	683.300	7836.90	56.426	41.000						7836.89			
	NB	464+06.00	476+97.00	32.0	1291.00	4590.22	1118.60	513.800	5708.80	497.700	5708.80	41.103	29.900						5708.78			
	NB	471+88.72	474+98.30	4.0	309.58	137.59														12.50		
	NB	480+96.00	504+45.00	32.0	2349.00	8352.00	1597.20	895.400	9949.20	867.400	9949.20	71.634	52.000						9949.22			
	NB	480+96.55	492+74.29	4.0	1177.74	523.44														47.70		
US 61	SB	402+50.00	417+05.00	32.0	1455.00	5173.33	93.20	474.000	5266.60	459.200	5266.60	37.919	27.600						5266.56			
	SB	417+05.00	419+25.00	28.0	220.00	684.44		61.600	684.40	59.700	684.40	4.928	3.600						684.44			
	SB	424+00.00	426+25.00	28.0	225.00	700.00		63.000	700.00	61.000	700.00	5.040	3.700						700.00			
	SB	426+25.00	444+00.00	32.0	1775.00	6311.11	1702.90	721.300	8014.00	698.700	8014.00	57.701	41.900						8014.00			
	SB	444+00.00	460+15.00	44.0	1615.00	7895.56		710.600	7895.60	688.400	7895.60	56.848	41.300						7895.56			
	SB	465+95.00	468+00.00	38.0	205.00	865.56	416.70	115.400	1282.20	111.800	1282.20	9.232	6.700						1282.22			
	SB	468+00.00	476+70.00	44.0	870.00	4253.33		382.800	4253.30	370.800	4253.30	30.624	22.300						4253.33			
	SB	471+88.72	476+69.42	4.0	480.70	213.64														19.50		
	SB	480+80.00	504+80.00	32.0	2400.00	8533.33	2263.90	971.800	10797.20	941.400	10797.20	77.740	56.500						10797.22			
	SB	480+81.40	488+09.65	4.0	728.25	323.67														29.50		
Total:								7502.9	83365.4	7268.3	83365.4	600.23	436.2						83365.39	109.2		

PROPOSED POSTED SPEED LIMIT					
Line No.	Roadway Identification	Station From	Station To	Proposed Posted Speed	Remarks
1.0	US 61	387+75.00	403+50.00	40-45	
2.0	US 61	403+50.00	505+00.00	over 45	

100\_27  
8/15/22

102\_05  
9/29/23

EXISTING PAVEMENT																					
Line No.	County	Route	Direction of Travel	Begin Ref. Location Sign	End Ref. Location Sign	Year	Type	Project Number	Surface Type	Surface Depth (IN)	Base Type	Base Depth (IN)	Subbase Type	Subbase Depth (IN)	Removal Type	Removal Depth (IN)	Coarse Aggregate Source	Coarse Aggregate Type	Course Aggregate Durability Class	Reinforcement Type	Remarks
1.0	Scott	US-61	Both	123.02	127.55	2022	M	MP-061-6(724)123--76-82	PCC												PCC patching
2.0						2019	M	MP-061-6(721)122--76-82													HMA crack filling
3.0						2018	M	MP-061-6(719)123--76-82	PCC												PCC patching
4.0						2005		NHSN-61-5(129)--2R-82	AAC	1.5	AAC	1.5	AAC	2.0			MCCAUSLAND	C.LST.			
5.0						1983		FFD-561-1(6)--2N-82	PCC	9.5	CTB	4.0					MCCAUSLAND	C.LST.	I		

Line No.	Route No.	Location	Year Placed	Layer	Thickness	Asphalt Binder Grade	Asphalt Binder Content	Description	Quality Type	Size	Content	% of -4 that is Type 2	% of +4 that is Type 2	% of +4 that is Type 3	% of +4 that is Type 4	% Crushed	% Limestone
	US-61	Mount Joy to 461	2005	Base	2.0	PG64-28	6.3	HMA 30 MIL	A	1/2					99.1	90.0	
	US-61	Mount Joy to 461	2005	Intermedia	1.5	PG64-28	5.9	HMA 30 MIL	A	1/2					99.1	90.0	
	US-61	Mount Joy to 461	2005	Surface	1.5	PG64-28	5.7	HMA 30 MIL L-3 Option	A	1/2		0.7	31.3	31.3	67.8	90.0	

Line No.	Route No.	Location	Year Placed	Layer	Thickness	Asphalt Binder Grade	Asphalt Binder Content	Description	Quality Type	Size	Content	% of -4 that is Type 2	% of +4 that is Type 2	% of +4 that is Type 3	% of +4 that is Type 4	% Crushed	% Limestone
	US-61	Mount Joy to 461	2005	Base	2.0	PG64-28	6.3	HMA 30 MIL	A	1/2					99.1	90.0	
	US-61	Mount Joy to 461	2005	Intermedia	1.5	PG64-28	5.9	HMA 30 MIL	A	1/2					99.1	90.0	
	US-61	Mount Joy to 461	2005	Surface	1.5	PG64-28	5.7	HMA 30 MIL L-3 Option	A	1/2		0.7	31.3	31.3	67.8	90.0	

FULL-DEPTH PATCHES																				102_06C 4/21/26
Line No.	Count	Station	Direction of Travel	Side	Length (FT)	Width (FT)	Patch Thickness (IN)	Patch Repair or Finish	PCC Patch Type	PCC Patch Quantity (SY)	HMA Patches (SY)	Composite HMA (TON)	Subbase Patches (PR-140) (SY)	Subbase Patch with 'EF' Joint (PR-101) (SY)	Patch Subdrain PR-101 or PR-140 (No.)	'CD' Joints (No.)	'CT' Joints (No.)	'EF' Joints PR-101 (No.)	Remarks	
1.0	1	1+22.98	NB	Right	6.0	12.0	13.0	Repair	PCC With Dowels (PR-103)	8.0										
2.0	1	1+23.13	NB	Right	6.0	12.0	13.0	Repair	PCC With Dowels (PR-103)	8.0										
3.0	1	1+23.14	NB	Right	12.0	12.0	13.0	Repair	PCC With Dowels (PR-103)	16.0										
4.0	1	1+23.16	NB	Left	6.0	12.0	13.0	Repair	PCC With Dowels (PR-103)	8.0										
5.0	1	1+23.21	NB	Right	6.0	12.0	13.0	Repair	PCC With Dowels (PR-103)	8.0										
6.0	1	1+23.25	NB	Right	6.0	12.0	13.0	Repair	PCC With Dowels (PR-103)	8.0										
7.0	1	1+23.31	NB	Center	6.0	12.0	13.0	Repair	PCC With Dowels (PR-103)	8.0										
8.0	1	1+23.37	NB	Center	6.0	12.0	13.0	Repair	PCC With Dowels (PR-103)	8.0										
9.0	1	1+23.37	NB	Left	10.0	12.0	13.0	Repair	PCC With Dowels (PR-103)	13.3									Just after overhead sign.	
10.0	1	1+23.37	NB	Left	6.0	12.0	13.0	Repair	PCC With Dowels (PR-103)	8.0										
11.0	1	1+23.37	NB	Center	6.0	12.0	13.0	Repair	PCC With Dowels (PR-103)	8.0										
12.0	1	1+23.65	NB	Left	12.0	12.0	13.0	Finish	PCC With Dowels (PR-103)	16.0				16.0				1		
13.0	1	1+23.65	NB	Center	12.0	12.0	13.0	Finish	PCC With Dowels (PR-103)	16.0				16.0				1		
14.0	1	1+23.05	SB	Left	6.0	12.0	13.0	Repair	PCC With Dowels (PR-103)	8.0									Just N of I80 Coverleaf.	
15.0	1	1+23.28	SB	Right	6.0	12.0	13.0	Repair	PCC With Dowels (PR-103)	8.0										
16.0	1	1+23.55	SB	Left	6.0	12.0	13.0	Repair	PCC With Dowels (PR-103)	8.0										
17.0	1	1+23.55	SB	Center	6.0	12.0	13.0	Repair	PCC With Dowels (PR-103)	8.0										
18.0	1	1+23.55	SB	Right	6.0	12.0	13.0	Repair	PCC With Dowels (PR-103)	8.0										
19.0	1	1+24.40	SB	Left	6.0	12.0	13.0	Repair	PCC With Dowels (PR-103)	8.0									Just after overhead sign.	
20.0	1	1+24.54	SB	Left	6.0	12.0	13.0	Repair	PCC With Dowels (PR-103)	8.0										
21.0	1	1+24.55	SB	Right	14.0	12.0	13.0	Repair	PCC With Dowels (PR-103)	18.7							1			
22.0	1	1+24.56	SB	Left	14.0	12.0	13.0	Repair	PCC With Dowels (PR-103)	18.7						1				
23.0	1	1+24.56	SB	Right	14.0	12.0	13.0	Repair	PCC With Dowels (PR-103)	18.7							1			
24.0	1	1+24.57	NB	Left	12.0	12.0	13.0	Finish	PCC With Dowels (PR-103)	16.0				16.0				1	South side of Crow Creek Bridge	
25.0	1	1+24.57	NB	Right	12.0	12.0	13.0	Finish	PCC With Dowels (PR-103)	16.0				16.0				1	South side of Crow Creek Bridge	
26.0	1	1+24.57	SB	Left	12.0	12.0	13.0	Finish	PCC With Dowels (PR-103)	16.0				16.0				1	South side of Crow Creek Bridge	
27.0	1	1+24.57	SB	Right	12.0	12.0	13.0	Finish	PCC With Dowels (PR-103)	16.0				16.0				1	South side of Crow Creek Bridge	
28.0	5							Repair	PCC With Dowels (PR-103)	40.7			28.0			1	1		10% Discretionary	
Total:	32									350.1			28	96		2	3	6		

102\_16

11/1/24

NOTCHES AND RUNOUTS FOR RESURFACING

Refer to PR-201 and PR-202.

(1) Bid item. Applies only to Types 'N1' and 'N3' on PR-202. Refer to 100-25 for remaining values.

Station	Type of Notch or Runout	S (IN)	I (IN)	DI (IN)	L (FT)	M (IN)	Pavement Scarification (SY) (1)	Remarks
387+75.00	Type N5	1.5	1.5		150.0	2.0		NB
402+50.00	Type N5	1.5	1.5		150.0	2.0		SB
402+42.00	Type N5	1.5	1.5		150.0	2.0		NB Gore
403+45.00	Type N5	1.5	1.5		150.0	2.0		NB Entrance Ramp
419+25.00	Type N5	1.5	1.5		150.0	2.0		SB
419+50.00	Type N5	1.5	1.5		150.0	2.0		NB
424+00.00	Type N5	1.5	1.5		150.0	2.0		SB
424+00.00	Type N5	1.5	1.5		150.0	2.0		NB
436+55.00	Type N5	1.5	1.5		150.0	2.0		SB Ramp
440+35.00	Type N5	1.5	1.5		150.0	2.0		NB Ramp
458+53.00	Type N5	1.5	1.5		150.0	2.0		NB
460+15.00	Type N5	1.5	1.5		150.0	2.0		SB
464+06.00	Type N5	1.5	1.5		150.0	2.0		NB
466+50.00	Type N5	1.5	1.5		150.0	2.0		NB Ramp
467+75.00	Type N5	1.5	1.5		150.0	2.0		SB Ramp
476+70.00	Type N5	1.5	1.5		150.0	2.0		SB
476+97.00	Type N5	1.5	1.5		150.0	2.0		NB
480+80.00	Type N5	1.5	1.5		150.0	2.0		SB
480+96.00	Type N5	1.5	1.5		150.0	2.0		NB
483+40.00	Type N5	1.5	1.5		150.0	2.0		SB Ramp
491+35.00	Type N5	1.5	1.5		150.0	2.0		NB Ramp
491+75.00	Type N5	1.5	1.5		150.0	2.0		SB Ramp
504+45.00	Type N5	1.5	1.5		150.0	2.0		NB
504+80.00	Type N5	1.5	1.5		150.0	2.0		SB



<div>105_04 4/21/26</div> <div>STANDARDS</div> <div>The following Standards apply to construction work on this project.</div>		
Number	Date	Title
BA-200	04-21-26	Steel Beam Guardrail Components
BA-201	10-18-22	Steel Beam Guardrail Barrier Transition Section (MASH TL-3)
BA-203	10-15-19	Steel Beam Guardrail W-Beam End Anchor
BA-202	04-15-25	Steel Beam Guardrail Bolted End Anchor
BA-205	10-17-23	Steel Beam Guardrail Tangent End Terminal (MASH TL-3)
BA-250	10-21-25	Steel Beam Guardrail Installation at Concrete Barrier or Bridge End Post (MASH TL-3)
BA-252	10-21-25	Steel Beam Guardrail Installation at Side Object (One-Way Protection)
PM-110	10/15/2024	Line Types
PM-115	4/15/2025	Grooving for Line Types
PM-310	04-15-25	Entrance and Exit Ramps
PR-101	10-21-25	Full Depth Patch with 'EF' Joint in PCC
PR-103	10/21/2025	Full Depth PCC Patch with Dowels
PR-140	04-21-15	Subbase Patches
PR-202	10/21/2014	Notches for Resurfacing (with or without Runout)
PV-101	10/21/2025	Joints
PV-12	4/16/2024	Milled Shoulder Rumble Strips
PV-202	4/21/2020	Hot Mix Asphalt Resurfacing
PV-203	4/21/2020	HMA Base Widening
PV-302	4/15/2025	Superelevation Details Four Lane Roadway Depressed Median
SI-173	04-19-16	Object Markers
SI-211	10-18-22	Object Marker and Delineator Placement with Guardrail
SI-881	4/16/2019	Special Signs for Workzones
TC-1	10/15/2019	Work Not Affecting Traffic (Two-Lane or Multi-Lane)
TC-402	4/18/2023	Work Within 15 ft of Traveled Way
TC-417	04-21-20	Ramp Closure
TC-418	04-18-23	Lane Closure on Divided Highway
TC-420	10/16/2018	Lane Closure at Ramps
TC-482	4/19/2022	Uneven Lanes

108 08A

4/25/25

STEEL BEAM GUARDRAIL AT CONCRETE BARRIER OR BRIDGE RAIL END SECTION

Possible Standards: BA-200, BA-201, BA-202, BA-205, BA-206, BA-209, BA-210, BA-211, BA-221, BA-225, BA-250, BA-260, LS-625, LS-626, LS-630, LS-635, SI-172, SI-173 and SI-211.

(1) Lane(s) to which the obstacle is adjacent.

(2) Not a bid item. Incidental to guardrail installation.

Line No.	Direction of Travel (1)	Side	Station	Offset (FT)	Barrier Transition Section	Barrier Transition Section (EA)	End Terminal	End Terminal Count (EA)	VT1 (LF)	VF (LF)	VT2 (LF)	ET (LF)	BA-211 Station	BA-211 (Type)	SI-211 (Type) (2)	Delineator SI-172 Type 1 (EA) (2)	Object Marker Type 2 (EA) (2)	Object Marker Type 3 Lt (EA)(2)	Object Marker Type 3 Rt (EA)(2)	Bolted End Anchor BA-202 (Type)	Bolted End Anchor BA-202 (EA)	Post Adapter BA-210 (EA)	Steel Beam Guardrail BA-200 (LF)	Remarks	
1.0	NB	Outside	420+25.00		BA-201	1	BA-205	1	53.125	12.50	12.50	47.70			3				1	B	1		37.5		
2.0	NB	Median	420+25.00		BA-201	1	BA-205	1	53.125	50.00	75.00	47.70			3			1		B	1		137.5		
Total:						2		2															2	175	

108\_08C  
3/14/24

STEEL BEAM GUARDRAIL FOR SIDE OBSTACLE (ONE-WAY PROTECTION)																									
1. Lane(s) to which the obstacle is adjacent.																									
Line No.	Item No.	Lane (1)	Side	Station	OL (FT)	DO (FT)	ET (LF)	VT2A (LF)	VFA (LF)	VT1A (LF)	VT1T (LF)	EA (LF)	BA-211 Station	BA-211 (Type)	SI-211 (Type)	SI-172 Type 1 White (EA)	SI-173 Type 2 OM2-2 (EA)	SI-173 Type 3 OM3-L (EA)	SI-173 Type 3 OM3-R (EA)	Steel Beam Guardrail BA-200 (LF)	W-Beam End Anchor BA-203 (EA)	Standard End Terminal (Type)	Standard End Terminal Count (EA)	Post Adapter BA-210 (EA)	Remarks
1.0	1	NB	Right	395+00.00	8.0	10.0	47.67	12.50		650.00	37.50	9.00								693.75	1	BA-205	1		
2.0	2	NB	Right	399+20.00	8.0	10.0	47.67	12.50		12.50	37.50	9.00							1	56.25	1	BA-205	1		
3.0	3	NB	Median	399+20.00	8.0	10.0	47.67	12.50		12.50	37.50	9.00						1		56.25	1	BA-205	1		
4.0	4	NB	Right	449+20.00	8.0	10.0	47.67	12.50		12.50	37.50	9.00							1	56.25	1	BA-205	1		
5.0	5	NB	Median	449+20.00	8.0	10.0	47.67	12.50		12.50	37.50	9.00						1		56.25	1	BA-205	1		
6.0	6	SB	Left	443+00.00	8.0	10.0	47.67	12.50		12.50	37.50	9.00							1	56.25	1	BA-205	1		
7.0	7	SB	Median	443+00.00	8.0	10.0	47.67	12.50		12.50	37.50	9.00						1		56.25	1	BA-205	1		
8.0	8	SB	Left	454+00.00	8.0	10.0	47.67	12.50		12.50	37.50	9.00							1	56.25	1	BA-205	1		
Total:																				1087.5	8		8		

<div>108_13A 3/27/25</div> <div><b>SAFETY CLOSURES</b> Refer to Section 2528 of the Standard Specifications</div>			
Station	Road Closure Qty.	Hazard Closure Qty.	Remarks
402+50.00	1		NB Exit Ramp
420+00.00	1		SB Ramp at I-80
417+00.00	1		SB Exit Ramp
421+00.00	1		I-80 Ramp
422+00.00	1		I-80 Ramp
427+00.00	1		NB Exit Ramp
424+00.00	1		NB Ramp at I-80
437+00.00	1		SB Ramp
477+00.00	1		SB Ramp at 210th St
479+00.00	1		SB Ramp at 210th St
481+00.00	2		NB Ramp at 210th St
493+00.00	1		SB Ramp
Total: 13			

PAVEMENT MARKING LINE TYPES

Line factors based on 6-inch wide continuous line.  
\*BCY4 - Place on the same side of the roadway to match existing markings near the project.  
\*\*NPY4 - Estimating purposes only. No Passing Zone Lines will be located in the field.  
\*\*\*MNY6 - Factor of 1.00 includes number of 6-inch passes to cover median nose area.

BCY4: Broken Centerline (Yellow) @ 0.17	BCY6: Broken Centerline (Yellow) @ 0.25	BLC6: Broken Line Contrast (White/Black) @ 0.50	BLW4: Broken Lane Line (White) @ 0.17	BLW6: Broken Lane Line (White) @ 0.25
CBW6: Crosswalk Bar (White) @ 10.00	CHW8: Channelizing Line (White) @ 1.33	CHW10: Channelizing Line (White) @ 1.67	CHY8: Channelizing Line (Yellow) @ 1.33	CHY10: Channelizing Line (Yellow) @ 1.67
CLW6: Crosswalk Line (White) @ 2.00	DCY4: Double Centerline (Yellow) @ 1.34	DCY6: Double Centerline (Yellow) @ 2.00	DDY4: Double Dotted Line (Yellow) @ 0.44	DDY6: Double Dotted Line (Yellow) @ 0.67
DLW4: Dotted Line (White) @ 0.22	DLW6: Dotted Line (White) @ 0.33	DLY4: Dotted Line (Yellow) @ 0.22	DLY6: Dotted Line (Yellow) @ 0.33	ELW4: Edge Line Right (White) @ 0.67
ELW6: Edge Line Right (White) @ 1.00	ELY4: Edge Line Left (Yellow) @ 0.67	ELY6: Edge Line Left (Yellow) @ 1.00	LDW8: Lane Drop (White) @ 0.33	LDW10: Lane Drop (White) @ 0.42
MNY6: Median Nose (Yellow) @ 1.00	NPY4: No Passing Zone Line (Yellow) @ 0.84	NPY6: No Passing Zone Line (Yellow) @ 1.25	RLW4: Ramp Edge Line Right (White) @ 0.67	RLW6: Ramp Edge Line Right (White) @ 1.00
RLY4: Ramp Edge Line Left (Yellow) @ 0.67	RLY6: Ramp Edge Line Left (Yellow) @ 1.00	SLW2: Stop Line (White) @ 4.00	SLW4: Solid Lane Line (White) @ 0.67	SLW6: Solid Lane Line (White) @ 1.00
SPW4: Sloped Curb 4" (White) @ 2.16	SPW6: Sloped Curb 6" (White) @ 2.28	SPY4: Sloped Curb 4" (Yellow) @ 2.16	SPY6: Sloped Curb 6" (Yellow) @ 2.28	STW6: Standard Curb 6" (Yellow) @ 2.03
STY6: Standard Curb 6" (Yellow) @ 2.03	YLW2: Yield Line (White) @ 1.15			

Line No.	Road ID	Station From	Station To	Marking Type	Left	Center	Right	Groove Marking Needed?	Groove Qty. (STA)	BLW6 (STA)	BLW6 Factored (STA)	CHW10 (STA)	CHW10 Factored (STA)	DLW6 (STA)	DLW6 Factored (STA)	ELW6 (STA)	ELW6 Factored (STA)	ELY6 (STA)	ELY6 Factored (STA)	Remarks
1.0	US 61 NB	387+75.00	398+50.00	Waterborne/Solvent Paint	X	X	X	No		21.50	5.38					10.75	10.75	10.75	10.75	Temporary during scarification
2.0	US 61 NB	398+50.00	403+45.00	Waterborne/Solvent Paint	X		X	No								9.90	9.90			Temporary during scarification
3.0	US 61 NB	398+50.00	419+41.00	Waterborne/Solvent Paint	X	X	X	No		20.91	5.23	4.00	6.68			16.91	16.91	20.91	20.91	Temporary during scarification
4.0	US 61 NB	424+00.00	440+30.00	Waterborne/Solvent Paint	X	X	X	No		16.30	4.08	2.00	3.34			14.30	14.30	16.30	16.30	Temporary during scarification
5.0	US 61 NB	440+30.00	458+53.00	Waterborne/Solvent Paint	X	X	X	No		36.50	9.13					19.50	19.50	18.23	18.23	Temporary during scarification
6.0	US 61 NB	464+06.00	476+97.00	Waterborne/Solvent Paint	X	X	X	No		12.91	3.23	2.50	4.17			10.40	10.40	12.91	12.91	Temporary during scarification
7.0	US 61 NB Exit Ramp	464+06.00	466+50.00	Waterborne/Solvent Paint	X	X	X	No		2.44	0.61					4.88	4.88			Temporary during scarification
8.0	US 61 NB	480+96.00	504+45.00	Waterborne/Solvent Paint	X	X	X	No		23.49	5.87	4.50	7.51			29.50	29.50	23.49	23.49	Temporary during scarification
9.0	US 61 SB	402+50.00	419+25.00	Waterborne/Solvent Paint	X	X	X	No		16.75	4.19	2.50	4.17			14.25	14.25	16.75	16.75	Temporary during scarification
10.0	US 61 SB	424+00.00	444+00.00	Waterborne/Solvent Paint	X	X	X	No		20.00	5.00	4.00	6.68			27.50	27.50	20.00	20.00	Temporary during scarification
11.0	US 61 SB	444+00.00	460+15.00	Waterborne/Solvent Paint	X	X	X	No		32.30	8.07					16.15	16.15	16.15	16.15	Temporary during scarification
12.0	US 61 SB	465+95.00	468+00.00	Waterborne/Solvent Paint	X	X	X	No		2.05	0.51					2.75	2.75	2.05	2.05	Temporary during scarification
13.0	US 61 SB	468+00.00	476+70.00	Waterborne/Solvent Paint	X	X	X	No		8.70	2.17					8.70	8.70	8.70	8.70	Temporary during scarification
14.0	US 61 SB	480+80.00	504+80.00	Waterborne/Solvent Paint	X	X	X	No		24.00	6.00	8.00	13.36			24.00	24.00	24.00	24.00	Temporary during scarification
15.0	US 61 NB	387+75.00	398+50.00	Waterborne/Solvent Paint	X	X	X	No		21.50	5.38					10.75	10.75	10.75	10.75	Temporary during Indeterminate Paving
16.0	US 61 NB	398+50.00	403+45.00	Waterborne/Solvent Paint	X		X	No								9.90	9.90			Temporary during Indeterminate Paving
17.0	US 61 NB	398+50.00	419+41.00	Waterborne/Solvent Paint	X	X	X	No		20.91	5.23	4.00	6.68			16.91	16.91	20.91	20.91	Temporary during Indeterminate Paving
18.0	US 61 NB	424+00.00	440+30.00	Waterborne/Solvent Paint	X	X	X	No		16.30	4.08	2.00	3.34			14.30	14.30	16.30	16.30	Temporary during Indeterminate Paving
19.0	US 61 NB	440+30.00	458+53.00	Waterborne/Solvent Paint	X	X	X	No		36.50	9.13					19.50	19.50	18.23	18.23	Temporary during Indeterminate Paving
20.0	US 61 NB	464+06.00	476+97.00	Waterborne/Solvent Paint	X	X	X	No		12.91	3.23	2.50	4.17			10.40	10.40	12.91	12.91	Temporary during Indeterminate Paving
21.0	US 61 NB Exit Ramp	464+06.00	466+50.00	Waterborne/Solvent Paint	X	X	X	No		2.44	0.61					4.88	4.88			Temporary during Indeterminate Paving
22.0	US 61 NB	480+96.00	504+45.00	Waterborne/Solvent Paint	X	X	X	No		23.49	5.87	4.50	7.51			29.50	29.50	23.49	23.49	Temporary during Indeterminate Paving
23.0	US 61 SB	402+50.00	419+25.00	Waterborne/Solvent Paint	X	X	X	No		16.75	4.19	2.50	4.17			14.25	14.25	16.75	16.75	Temporary during Indeterminate Paving
24.0	US 61 SB	424+00.00	444+00.00	Waterborne/Solvent Paint	X	X	X	No		20.00	5.00	4.00	6.68			27.50	27.50	20.00	20.00	Temporary during Indeterminate Paving
25.0	US 61 SB	444+00.00	460+15.00	Waterborne/Solvent Paint	X	X	X	No		32.30	8.07					16.15	16.15	16.15	16.15	Temporary during Indeterminate Paving
26.0	US 61 SB	465+95.00	468+00.00	Waterborne/Solvent Paint	X	X	X	No		2.05	0.51					2.75	2.75	2.05	2.05	Temporary during Indeterminate Paving
27.0	US 61 SB	468+00.00	476+70.00	Waterborne/Solvent Paint	X	X	X	No		8.70	2.17					8.70	8.70	8.70	8.70	Temporary during Indeterminate Paving
28.0	US 61 SB	480+80.00	504+80.00	Waterborne/Solvent Paint	X	X	X	No		24.00	6.00	8.00	13.36			24.00	24.00	24.00	24.00	Temporary during Indeterminate Paving
29.0	US 61 NB	387+75.00	398+50.00	Waterborne/Solvent Paint	X	X	X	No		21.50	5.38					10.75	10.75	10.75	10.75	Temporary during Surface Paving
30.0	US 61 NB	398+50.00	403+45.00	Waterborne/Solvent Paint	X		X	No								9.90	9.90			Temporary during Surface Paving
31.0	US 61 NB	398+50.00	419+41.00	Waterborne/Solvent Paint	X	X	X	No		20.91	5.23	4.00	6.68			16.91	16.91	20.91	20.91	Temporary during Surface Paving
32.0	US 61 NB	424+00.00	440+30.00	Waterborne/Solvent Paint	X	X	X	No		16.30	4.08	2.00	3.34			14.30	14.30	16.30	16.30	Temporary during Surface Paving
33.0	US 61 NB	440+30.00	458+53.00	Waterborne/Solvent Paint	X	X	X	No		36.50	9.13					19.50	19.50	18.23	18.23	Temporary during Surface Paving
34.0	US 61 NB	464+06.00	476+97.00	Waterborne/Solvent Paint	X	X	X	No		12.91	3.23	2.50	4.17			10.40	10.40	12.91	12.91	Temporary during Surface Paving
35.0	US 61 NB Exit Ramp	464+06.00	466+50.00	Waterborne/Solvent Paint	X	X	X	No		2.44	0.61					4.88	4.88			Temporary during Surface Paving
36.0	US 61 NB	480+96.00	504+45.00	Waterborne/Solvent Paint	X	X	X	No		23.49	5.87	4.50	7.51			29.50	29.50	23.49	23.49	Temporary during Surface Paving
37.0	US 61 SB	402+50.00	419+25.00	Waterborne/Solvent Paint	X	X	X	No		16.75	4.19	2.50	4.17			14.25	14.25	16.75	16.75	Temporary during Surface Paving
38.0	US 61 SB	424+00.00	444+00.00	Waterborne/Solvent Paint	X	X	X	No		20.00	5.00	4.00	6.68			27.50	27.50	20.00	20.00	Temporary during Surface Paving
39.0	US 61 SB	444+00.00	460+15.00	Waterborne/Solvent Paint	X	X	X	No		32.30	8.07					16.15	16.15	16.15	16.15	Temporary during Surface Paving
40.0	US 61 SB	465+95.00	468+00.00	Waterborne/Solvent Paint	X	X	X	No		2.05	0.51					2.75	2.75	2.05	2.05	Temporary during Surface Paving
41.0	US 61 SB	468+00.00	476+70.00	Waterborne/Solvent Paint	X	X	X	No		8.70	2.17					8.70	8.70	8.70	8.70	Temporary during Surface Paving
42.0	US 61 SB	480+80.00	504+80.00	Waterborne/Solvent Paint	X	X	X	No		24.00	6.00	8.00	13.36			24.00	24.00	24.00	24.00	Temporary during Surface Paving
43.0	US 61 NB	387+75.00	398+50.00	Waterborne/Solvent Paint	X	X	X	Yes	26.88	21.50	5.38					10.75	10.75	10.75	10.75	Final

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11/25/25

PAVEMENT MARKING LINE TYPES

Line factors based on 6-inch wide continuous line.

\*BCY4 - Place on the same side of the roadway to match existing markings near the project.

\*\*NPY4 - Estimating purposes only. No Passing Zone Lines will be located in the field.

\*\*\*MNY6 - Factor of 1.00 includes number of 6-inch passes to cover median nose area.

BCY4: Broken Centerline (Yellow) @ 0.17

CBW6: Crosswalk Bar (White) @ 10.00

CLW6: Crosswalk Line (White) @ 2.00

DLW4: Dotted Line (White) @ 0.22

ELW6: Edge Line Right (White) @ 1.00

MNY6: Median Nose (Yellow) @ 1.00

RLY4: Ramp Edge Line Left (Yellow) @ 0.67

SPW4: Sloped Curb 4" (White) @ 2.16

STY6: Standard Curb 6" (Yellow) @ 2.03

BCY6: Broken Centerline (Yellow) @ 0.25

CHW8: Channelizing Line (White) @ 1.33

DCY4: Double Centerline (Yellow) @ 1.34

DLW6: Dotted Line (White) @ 0.33

ELY4: Edge Line Left (Yellow) @ 0.67

NPY4: No Passing Zone Line (Yellow) @ 0.84

RLY6: Ramp Edge Line Left (Yellow) @ 1.00

SPW6: Sloped Curb 6" (White) @ 2.28

YLW2: Yield Line (White) @ 1.15

BLC6: Broken Line Contrast (White/Black) @ 0.50

CHW10: Channelizing Line (White) @ 1.67

DCY6: Double Centerline (Yellow) @ 2.00

DLY4: Dotted Line (Yellow) @ 0.22

ELY6: Edge Line Left (Yellow) @ 1.00

NPY6: No Passing Zone Line (Yellow) @ 1.25

SLW2: Stop Line (White) @ 4.00

SPY4: Sloped Curb 4" (Yellow) @ 2.16

BLW4: Broken Lane Line (White) @ 0.17

CHY8: Channelizing Line (Yellow) @ 1.33

DDY4: Double Dotted Line (Yellow) @ 0.44

DLY6: Dotted Line (Yellow) @ 0.33

LDW8: Lane Drop (White) @ 0.33

RLW4: Ramp Edge Line Right (White) @ 0.67

SLW4: Solid Lane Line (White) @ 0.67

SPY6: Sloped Curb 6" (Yellow) @ 2.28

BLW6: Broken Lane Line (White) @ 0.25

CHY10: Channelizing Line (Yellow) @ 1.67

DDY6: Double Dotted Line (Yellow) @ 0.67

ELW4: Edge Line Right (White) @ 0.67

LDW10: Lane Drop (White) @ 0.42

RLW6: Ramp Edge Line Right (White) @ 1.00

SLW6: Solid Lane Line (White) @ 1.00

STW6: Standard Curb 6" (Yellow) @ 2.03

Line No.	Road ID	Station From	Station To	Marking Type	Left	Center	Right	Groove Marking Needed?	Groove Qty. (STA)	BLW6 (STA)	BLW6 Factored (STA)	CHW10 (STA)	CHW10 Factored (STA)	DLW6 (STA)	DLW6 Factored (STA)	ELW6 (STA)	ELW6 Factored (STA)	ELY6 (STA)	ELY6 Factored (STA)	Remarks
44.0	US 61 NB	398+50.00	403+45.00	Waterborne/Solvent Paint	X		X	Yes	9.90							9.90	9.90			Final
45.0	US 61 NB	398+50.00	419+41.00	Waterborne/Solvent Paint	X	X	X	Yes	49.73	20.91	5.23	4.00	6.68			16.91	16.91	20.91	20.91	Final
46.0	US 61 NB	424+00.00	440+30.00	Waterborne/Solvent Paint	X	X	X	Yes	38.02	16.30	4.08	2.00	3.34			14.30	14.30	16.30	16.30	Final
47.0	US 61 NB	440+30.00	458+53.00	Waterborne/Solvent Paint	X	X	X	Yes	46.86	36.50	9.13					19.50	19.50	18.23	18.23	Final
48.0	US 61 NB	464+06.00	476+97.00	Waterborne/Solvent Paint	X	X	X	Yes	30.71	12.91	3.23	2.50	4.17			10.40	10.40	12.91	12.91	Final
49.0	US 61 NB Exit Ramp	464+06.00	466+50.00	Waterborne/Solvent Paint	X	X	X	Yes	5.49	2.44	0.61					4.88	4.88			Final
50.0	US 61 NB	480+96.00	504+45.00	Waterborne/Solvent Paint	X	X	X	Yes	66.37	23.49	5.87	4.50	7.51			29.50	29.50	23.49	23.49	Final
51.0	US 61 SB	402+50.00	419+25.00	Waterborne/Solvent Paint	X	X	X	Yes	39.36	16.75	4.19	2.50	4.17			14.25	14.25	16.75	16.75	Final
52.0	US 61 SB	424+00.00	444+00.00	Waterborne/Solvent Paint	X	X	X	Yes	59.18	20.00	5.00	4.00	6.68			27.50	27.50	20.00	20.00	Final
53.0	US 61 SB	444+00.00	460+15.00	Waterborne/Solvent Paint	X	X	X	Yes	40.37	32.30	8.07					16.15	16.15	16.15	16.15	Final
54.0	US 61 SB	465+95.00	468+00.00	Waterborne/Solvent Paint	X	X	X	Yes	5.31	2.05	0.51					2.75	2.75	2.05	2.05	Final
55.0	US 61 SB	468+00.00	476+70.00	Waterborne/Solvent Paint	X	X	X	Yes	19.57	8.70	2.17					8.70	8.70	8.70	8.70	Final
56.0	US 61 SB	480+80.00	504+80.00	Waterborne/Solvent Paint	X	X	X	Yes	67.36	24.00	6.00	8.00	13.36			24.00	24.00	24.00	24.00	Final
Total:									505.11		237.88		183.64			837.96		760.96		

<div>110_07A 8/15/22</div> <div>REMOVAL OF STEEL BEAM GUARDRAIL</div> <div>(1) Lane(s) to which the installation is adjacent. (2) Includes length of End Terminals and End Anchors.</div>						
Line No.	No.	Direction of Traffic (1)	Station From	Station To	Side	Removal of Guardrail (2) (LF)
1.0	1	NB	418+80.00	420+30.00	Right	150.0
2.0	2	NB	417+95.00	420+30.00	Median	235.0
3.0	3	NB	388+25.00	395+75.00	Right	750.0
4.0	4	NB	398+25.00	399+25.00	Right	100.0
5.0	5	NB	398+25.00	399+25.00	Left	100.0
6.0	6	SB	442+75.00	444+00.00	Right	125.0
7.0	7	SB	442+75.00	444+00.00	Left	125.0
8.0	8	NB	447+50.00	449+25.00	Right	175.0
9.0	9	NB	447+50.00	449+25.00	Left	175.0
10.0	10	SB	453+50.00	454+50.00	Left	100.0
Total:						2035

FILE NO.	ENGLISH	DESIGN TEAM	Stanlev Consultants Inc.	SCOTT COUNTY	PROJECT NUMBER	NHSX-061-5(156)--3H-82	SHEET NUMBER	C.16
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4/7/2026 9:35:36 AM

SETH.MORLING@IOWAID





232\_03A  
9/28/22

EROSION CONTROL (RURAL SEEDING)

Area to be seeded is estimated to be less than 1 acre. If the contractor determines the area exceeds 2 acres, notify the Engineer. Approved quantity in excess of 2 acres will be paid for as extra work according to Article 1109.03,B of the Standard Specifications.

Following the completion of work in a disturbed area and according to the seeding dates in Section 2601 of the Standard Specifications, place seed, fertilizer, and mulch on the disturbed area lying 8 feet adjacent to shoulder and median as follows:

Place seed and fertilize according to the requirements of Article 2601.03,C,3 and Section 4169 of the Standard Specifications.

Place mulch according to the requirements of Articles 2601.03,E,2,a and 4169.07,A of the Standard Specifications.

Preparing the seedbed, furnishing and applying seed, fertilizer, and mulch are all incidental to mobilization and will not be paid for separately.

232\_03B  
9/28/22

EROSION CONTROL (URBAN SEEDING)

Area to be seeded is estimated to be less than 1 acre. If the Contractor determines the area exceeds 2 acres, notify the Engineer. Approved quantity in excess of 2 acres will be paid for as extra work according to Article 1109.03,B of the Standard Specifications.

Following the completion of work in a disturbed area and according to the seeding dates in Section 2601 of the Standard Specifications, place seed, fertilizer, and mulch on the disturbed area as follows:

Place seed and fertilize according to the requirements of Article 2601.03,C,4 and Section 4169 of the Standard Specifications.

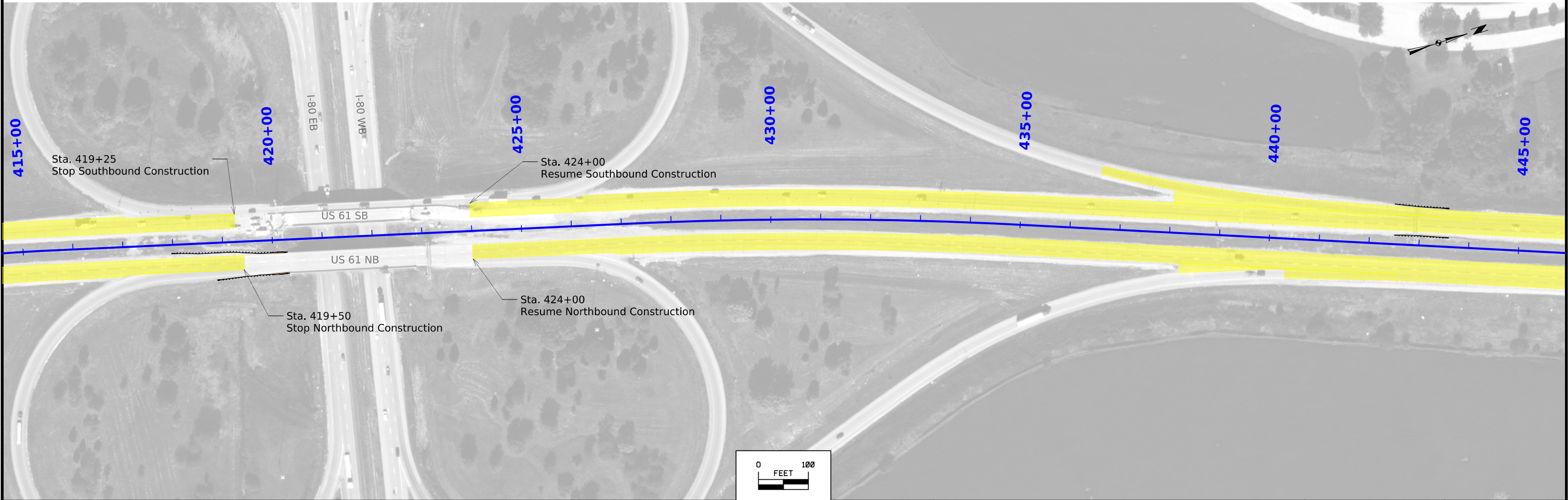
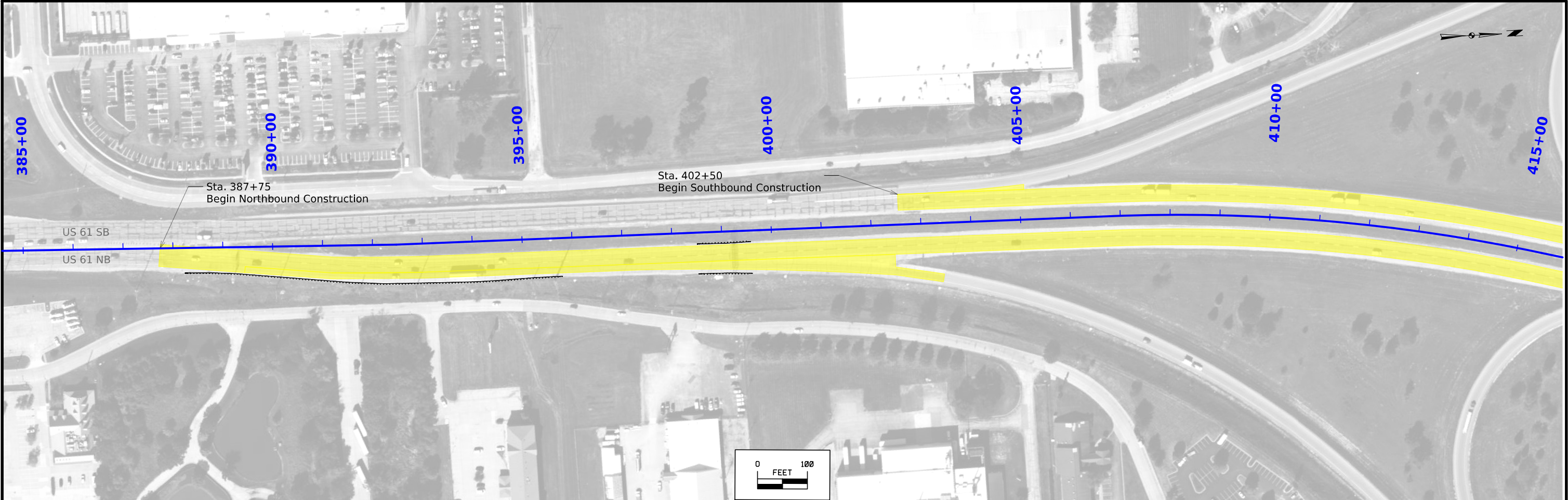
Place mulch according to the requirements of Articles 2601.03,E,2,a and 4169.07,A of the Standard Specifications.

Preparing the seedbed, furnishing and applying seed, fertilizer, and mulch are incidental to mobilization and will not be paid for separately.

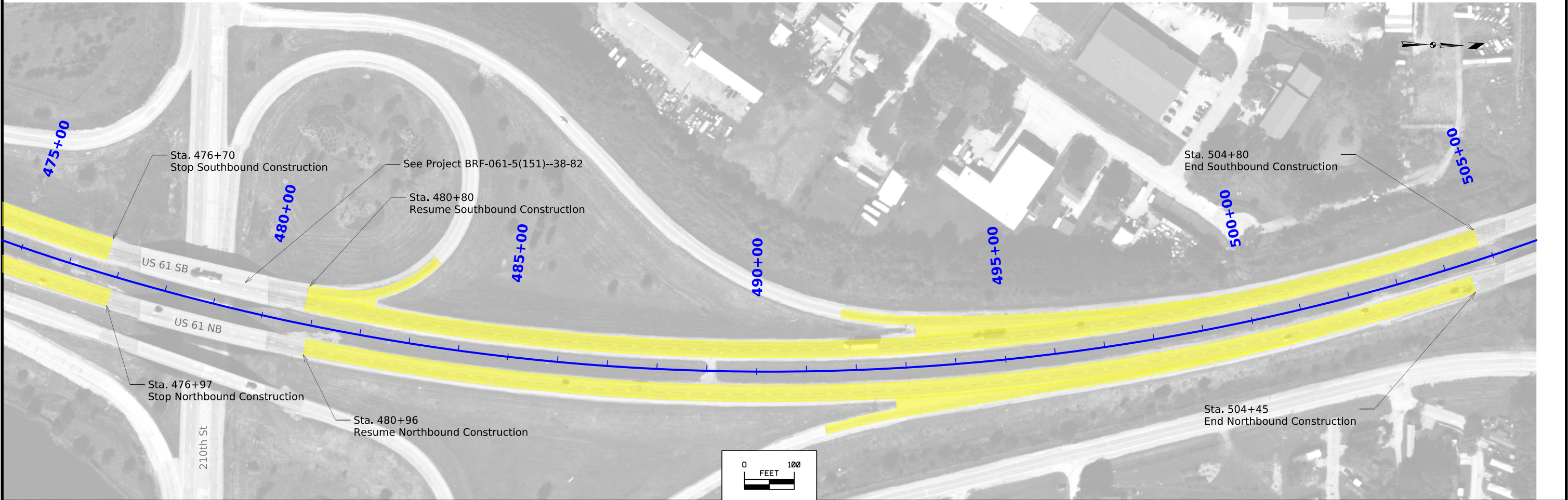
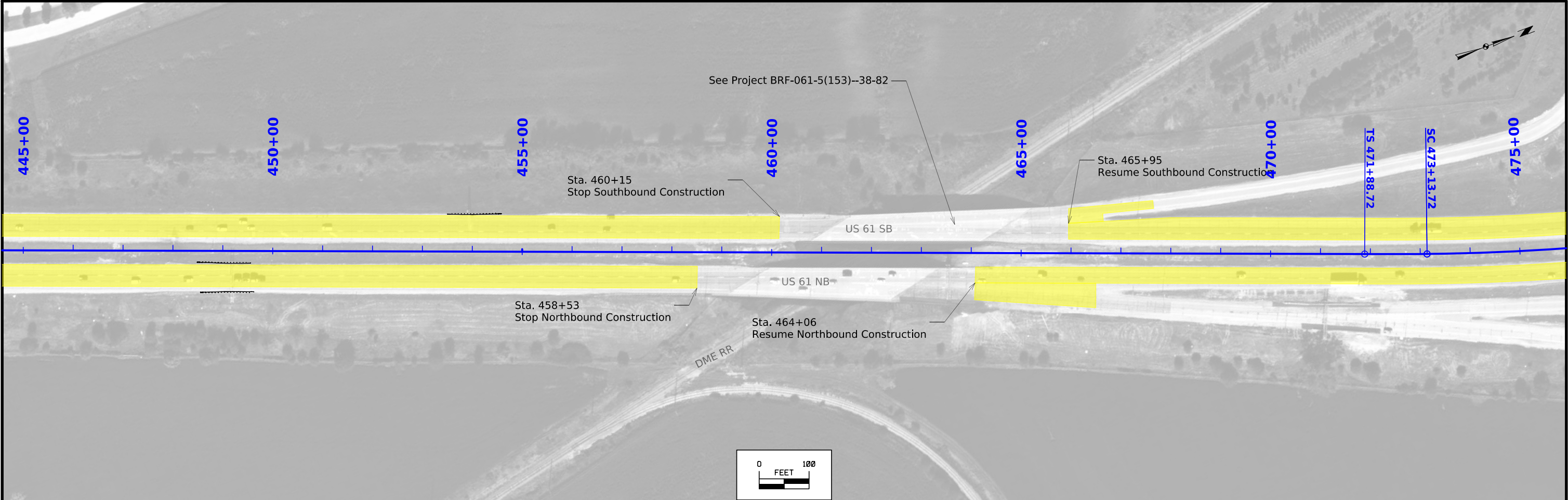
262\_06  
9/28/22

UTILITIES (NOT A POINT 25 PROJECT)

This is NOT a POINT 25 project and is not subject to the provisions of IAC 761-115.25.







108\_23A  
8/15/22

TRAFFIC CONTROL PLAN

- Coordinate work around project staging for BRF-061-5(157)--38-82, BRF-061-5(153)--38-82, and BRF-061-5(151)--38-82.
- Maintain two lanes of traffic in each direction. Single lane closures in each direction will be allowed as noted in Closure Table on Sheet J.2. Lane closures only allowed during active work operations.
- One Ramp closure is permitted at a time. Each ramp closure allowed for one night only.
- Portable Dynamic Message Signs shall be used to notify the public of ramp closures 72 hours in advance.

Roadway Name	Day																																																									
		12:00 AM	12:30	1:00	1:30	2:00	2:30	3:00	3:30	4:00	4:30	5:00	5:30	6:00	6:30	7:00	7:30	8:00	8:30	9:00	9:30	10:00	10:30	11:00	11:30	12:00 PM	12:30	1:00	1:30	2:00	2:30	3:00	3:30	4:00	4:30	5:00	5:30	6:00	6:30	7:00	7:30	8:00	8:30	9:00	9:30	10:00	10:30	11:00	11:30									
US 61	Monday													X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X												
US 61	Tuesday													X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X										
US 61	Wednesday													X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X								
US 61	Thursday													X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X								
US 61	Friday													X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X								
US 61	Saturday													X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X								
US 61	Sunday													X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X								

511 TRAVEL RESTRICTIONS													108_25 3/28/24
Line No.	Route	Direction	County	Location Description	Feature Crossed	Object Type	Maint. Bridge No. or Structure ID or FHWA No.	Type of Restriction	Existing Measurement	Construction Measurement	Construction Measurement as Signed	Projected As Built Measurement	Remarks
1.0	US 61	NB	Scott	I-80 EB Exit Ramp	Ramp Closure	Traffic Control Device		Horizontal					
2.0	US 61	NB	Scott	I-80 EB Entrance Ramp	Ramp Closure	Traffic Control Device		Horizontal					
3.0	US 61	NB	Scott	I-80 WB Exit Ramp	Ramp Closure	Traffic Control Device		Horizontal					
4.0	US 61	NB	Scott	I-80 WB Entrance Ramp	Ramp Closure	Traffic Control Device		Horizontal					
5.0	US 61	NB	Scott	210th St EB Exit Ramp	Ramp Closure	Traffic Control Device		Horizontal					
6.0	US 61	NB	Scott	210th St WB Entrance Ramp	Ramp Closure	Traffic Control Device		Horizontal					
7.0	US 61	SB	Scott	I-80 EB Entrance Ramp	Ramp Closure	Traffic Control Device		Horizontal					
8.0	US 61	SB	Scott	I-80 EB Exit Ramp	Ramp Closure	Traffic Control Device		Horizontal					
9.0	US 61	SB	Scott	I-80 WB Entrance Ramp	Ramp Closure	Traffic Control Device		Horizontal					
10.0	US 61	SB	Scott	I-80 WB Exit Ramp	Ramp Closure	Traffic Control Device		Horizontal					
11.0	US 61	SB	Scott	210th St EB Entrance Ramp	Ramp Closure	Traffic Control Device		Horizontal					
12.0	US 61	SB	Scott	210th St WB Entrance Ramp	Ramp Closure	Traffic Control Device		Horizontal					
13.0	US 61	SB	Scott	210th St WB Exit Ramp	Ramp Closure	Traffic Control Device		Horizontal					



<div>111_01 10/14/22</div> <div>COORDINATED OPERATIONS</div> <div>Other work in progress during the same period of time will include the construction of the projects listed. Coordinate operations with those of other contractors working within the same area.</div>	
Project	Type of Work
MB-061-6(510)123--77-82	Bridge Repair
MP-061-6(732)123--76-82	PCC Patching
BRF-061-5(153)--38-82	Bridge Deck Replacement
BRF-061-5(152)--38-82	Bridge Deck Overlay
NHSX-061-5(156)--3H-82	HMA Resurfacing
NHSX-061-5(154)--3H-82	PCC Pavement - Replace
BRF-061-5(151)--38-82	Bridge Deck Overlay
BRF-061-5(147)--38-82	Bridge Deck Replacement
BRF-061-5(157)--38-82	Crossovers\Shoulder Strengthening