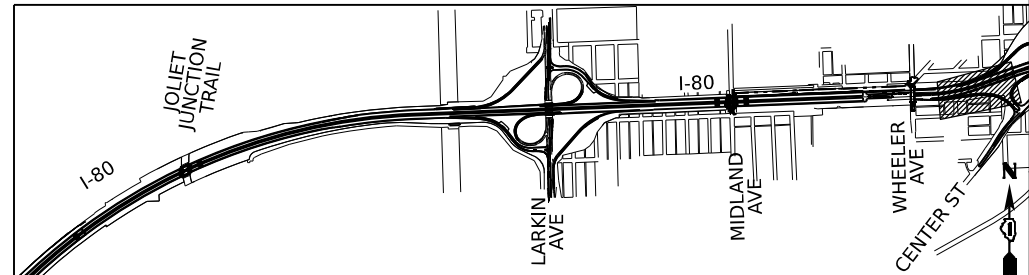


**PAVEMENT MARKING LEGEND**

- (X) EPOXY PAVEMENT MARKING - LETTERS AND SYMBOLS (SOLID WHITE)
- (P) EPOXY PAVEMENT MARKING - LINE 4" (SOLID WHITE, 2'-6" SKIP DASH LINE)
- (Q) EPOXY PAVEMENT MARKING - LINE 6" (SOLID WHITE)
- (R) EPOXY PAVEMENT MARKING - LINE 6" (SOLID YELLOW)
- (S) EPOXY PAVEMENT MARKING - LINE 8" (SOLID WHITE)
- (T) EPOXY PAVEMENT MARKING - LINE 12" (WHITE 45° DIAGONALS @ 500' SPACING INTERVALS OR AS PER PLAN)
- (U) EPOXY PAVEMENT MARKING - LINE 12" (YELLOW 45° DIAGONALS @ 500' SPACING INTERVALS OR AS PER PLAN)
- (V) EPOXY PAVEMENT MARKING - LINE 6" (10' LINE, 30' SKIP)
- (W) EPOXY PAVEMENT MARKING - LINE 12" (WHITE CHEVRONS @ 30' SPACING C-C)

**KEY PLAN**



MODEL: BL\_IP\_00\_W\_Plan\_131611.dwg  
 FILE NAME: P:\Projects\2023\Illinois\Transportation\p1w-1062\Documents\Projects\_2018\C401401180022\02-TransSystems\CAD\62R89\Sheets\19-PM and Signing\0162R89\_PMK\_Sheets



USER NAME = amkluver	DESIGNED - DC	REVISED -
PLOT SCALE = 0.16666633 1/ in.	DRAWN - MA	REVISED -
PLOT DATE = 10/5/2023	CHECKED - AB	REVISED -
	DATE - 10/6/23	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

<b>PAVEMENT MARKING PLAN</b>			
<b>I-80</b>			
SCALE: 1"=50'	SHEET 12	OF 12 SHEETS	STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
I-80	FAI 80 22 BR	WILL	1201	401
CONTRACT NO. 62R89				
ILLINOIS FED. AID PROJECT				

SIGNING REMOVAL SCHEDULE

SIGN ID	STRUCTURE ID	LEGEND/DESCRIPTION	COLOR	ALIGNMENT/DIRECTION	STATION	OFFSET	W (IN)	H (IN)	AREA (SQ FT)	REMOV SIGN PANEL T1 (SQ FT)	REMOV SIGN PANEL T2 (SQ FT)	REMOV SIGN PANEL T3 (SQ FT)	REMOV OH SIGN STR-SPAN (EACH)	REMOV OH SIGN STR-BRIDGE MT (EACH)	REM GR MT SIGN SUPPORT (EACH)	REM CONC FDN-GR MT (EACH)	REM CONC FDN-OVHD (EACH)
5190		LODGING - EXIT 127	WHITE/BLUE	WB	519+47	90' LT	240	120	200			200			2	2	
5271		GAS - EXIT 130A \ GAS - EXIT 130B	WHITE/BLUE	EB	527+83	79' RT	240	144	240			240			2	2	
5291		MILE MARKER 129.5	WHITE/GREEN	EB	529+67	71' RT	12	60	5	5							
5340		OM3-R OBJECT MARKER	BLACK/YELLOW	EB	534+08	62' RT	12	36	3	3							
5341		OM3-L OBJECT MARKER	BLACK/YELLOW	EB	534+16	18' RT	12	36	3	3							
5360		OM3-L OBJECT MARKER	BLACK/YELLOW	WB	536+29	23' LT	12	36	3	3							
5361		OM3-R OBJECT MARKER	BLACK/YELLOW	WB	536+36	65' LT	12	36	3	3							
5390		W3-5 SPEED LIMIT 55	BLACK/YELLOW	EB	539+78	19' RT	48	48	16		16						
5391		W3-5 SPEED LIMIT 55	BLACK/YELLOW	EB	539+78	71' RT	48	48	16		16						
5490		OFF-TRACK \ WAGERING FACILITY \ EXIT 130B	WHITE/BROWN	EB	549+51	92' RT	204	60	85			85			2	2	
5540		EXIT 130 A \ IL RTE 7 SOUTH \ LARKIN AVE \ 1/2 MILE	WHITE/GREEN	EB	554+42	91' RT	180	150	187.5			187.5			2	2	
5541A		R2-I109 TRUCKS OVER 4 TONS	BLACK/WHITE	WB	554+82	79' LT	48	30	10		10						
5541B		R2-1 SPEED LIMIT 60	BLACK/WHITE	WB	554+82	79' LT	48	60	20		20						
5560		MILE MARKER 130.0	WHITE/GREEN	WB	556+09	75' LT	12	60	5	5							
5561		MILE MARKER 130.0	WHITE/GREEN	EB	556+15	70' RT	12	60	5	5							
5600		R2-4a SPEED LIMIT 65 \ MINIMUM 45	BLACK/WHITE	WB	560+59	73' LT	48	96	32			32					
5610A		R2-1 SPEED LIMIT 55	BLACK/WHITE	EB	561+28	76' RT	48	60	20		20						
5610B		R2-I102 MINIMUM 45	BLACK/WHITE	EB	561+28	76' RT	48	30	10		10						
5611A		R2-1 SPEED LIMIT 55	BLACK/WHITE	WB	561+29	14' RT	48	60	20		20						
5611B		R2-I102 MINIMUM 45	BLACK/WHITE	WB	561+29	14' RT	48	30	10		10						
5620		R3-4 NO U-TURN \ R3-I101 EXCEPT AUTHORIZED VEHICLES	BLACK/WHITE	EB	562+68	□	36	60	15		15						
5621		R3-4 NO U-TURN \ R3-I101 EXCEPT AUTHORIZED VEHICLES	BLACK/WHITE	WB	562+68	□	36	60	15		15						
5650A		M3-4 WEST	WHITE/BLUE	WB	565+00	79' LT	36	18	4.5	4.5							
5650B		M1-1 INTERSTATE 80	WHITE/BLUE	WB	565+00	79' LT	36	36	9	9							
5680		UNIVERSITY \ OF \ ST. FRANCIS \ EXIT 130B	WHITE/GREEN	EB	568+81	79' RT	60	60	25			25			2	2	
5720	1S099I080R130.3	EXIT 131 \ CENTER ST \ 1 1/4 MILES	WHITE/GREEN	EB	572+48	38' RT	168	114	133								
5721	1S099I080R130.3	EXIT 130B \ IL RTE 7 NORTH \ LARKIN AVE \ 1/4 MILE	WHITE/GREEN	EB	572+48	48' RT	180	150	187.5				1				2
5722	1S099I080R130.3	EXIT 130A \ IL RTE 7 SOUTH \ LARKIN AVE	WHITE/GREEN	EB	572+48	58' RT	228	150	237.5								
5723		W13-3 RAMP \ 30 MPH	BLACK/YELLOW	EB	572+49	86' RT	36	48	12		12						
5790		GORE SIGN EXIT 130A	WHITE/GREEN	EB	579+56	79' RT	126	60	52.5			52.5			2	2	
5791		W4-1 MERGE	BLACK/YELLOW	WB	579+87	80' LT	48	48	16		16						
5821		MILE MARKER 130.5	WHITE/GREEN	WB	582+66	73' LT	12	60	5	5							
5820		MILE MARKER 130.5	WHITE/GREEN	EB	582+67	71' RT	12	60	5	5							
5840		GORE SIGN EXIT 130A	WHITE/GREEN	WB	584+42	86' LT	126	60	52.5			52.5			2	2	
5850		W4-1 MERGE	BLACK/YELLOW	EB	585+70	75' RT	48	48	16		16						
5851		W13-6 EXIT \ 25 MPH	BLACK/YELLOW	WB	585+95	97' LT	48	84	28			28					
5880	1B099I088R130.6	EXIT 130B \ IL RTE 7 NORTH \ LARKIN AVE \ EXIT 25 MPH	WHITE/GREEN	EB	588+51	63' RT	228	156	247					1			
5890	1B099I088L130.6	EXIT 130A \ IL RTE 7 SOUTH \ LARKIN AVE \ EXIT 25 MPH	WHITE/GREEN	WB	589+49	64' LT	228	156	247					1			
5920		W13-6 EXIT \ 25 MPH	BLACK/YELLOW	EB	592+10	97' RT	48	84	28			28					
5921		W4-1 MERGE	BLACK/YELLOW	WB	592+30	76' LT	48	48	16		16						
5930		GORE SIGN EXIT 130B	WHITE/GREEN	EB	593+48	88' RT	126	60	52.5			52.5					
5980		W4-1 MERGE	BLACK/YELLOW	EB	598+19	77' RT	48	48	16		16						
5981		GORE SIGN EXIT 130B	WHITE/GREEN	WB	598+60	75' LT	126	60	52.5			52.5					

MODEL: C:\\_P\B\_00\_E4 - A\_Sched\_1 (Sheet)  
 FILE NAME: P:\TransSystems\ppl\constrans\comp\ppw-hosted\Documents\Projects\_2018\CH401\401180022\02-TransSystems\CAD\62889\Sheet19.dwg and Signing\0162889\_Signing\_Sheets



USER NAME = amkluver	DESIGNED - JLS	REVISED -
PLOT SCALE = 0.16666633 1/ in.	DRAWN - JLS	REVISED -
PLOT DATE = 10/5/2023	CHECKED - AB	REVISED -
	DATE - 10/6/23	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

<b>SIGNING REMOVAL SCHEDULE</b>		
SCALE: NONE	SHEET 1 OF 5 SHEETS	STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
I-80	FAI 80 22 BR	WILL	1201	402
CONTRACT NO. 62R89			ILLINOIS   FED. AID PROJECT	



MODEL: C:\IPB\_00\_04 - A\Sched 2 (Sheet)  
 FILE NAME: P:\TransSystems\ppl\comppw\checked\Documents\Projects\_2018\CH401\401180022\02-TransSystems\CAD\62289\Sheet19.dwg and Signing\0162889\_Signing\_Sheets

SIGNING REMOVAL SCHEDULE										REMOV SIGN PANEL T1	REMOV SIGN PANEL T2	REMOV SIGN PANEL T3	REMOV OH SIGN STR-SPAN	REMOV OH SIGN STR-BRIDG E MT	REM GR MT SIGN SUPPORT	REM CONC FDN- GR MT	REM CONC FDN- OVHD
SIGN ID	STRUCTURE ID	LEGEND/DESCRIPTION	COLOR	ALIGNMENT/ DIRECTION	STATION	OFFSET	W (IN)	H (IN)	AREA (SQ FT)	(SQ FT)	(SQ FT)	(SQ FT)	(EACH)	(EACH)	(EACH)	(EACH)	(EACH)
6040	1S099I088L130.9	EXIT 127 \ HOLLYWOOD RD \ HOUBOLT RD \ 3 MILES	WHITE/GREEN	WB	604+23	37' LT	192	132	176								
6041	1S099I088L130.9	EXIT 130A \ IL RTE 7 SOUTH \ LARKIN AVE \ 1/4 MILE	WHITE/GREEN	WB	604+23	48' LT	180	150	187.5				1				2
6042	1S099I088L130.9	EXIT 130B \ IL RTE 7 NORTH \ LARKIN AVE	WHITE/GREEN	WB	604+23	60' LT	216	132	198								
6043		W13-2 EXIT \ 30 MPH	BLACK/YELLOW	WB	604+23	86' LT	48	60	20		20						
6080		UNIVERSITY \ OF \ ST FRANCIS \ EXIT 130B	WHITE/GREEN	WB	608+13	82' LT	60	60	25			25			2	2	
6090		MILE MARKER 131.0	WHITE/GREEN	WB	609+06	70' RT	12	60	5	5							
6091		MILE MARKER 131.0	WHITE/GREEN	EB	609+07	75' RT	12	60	5	5							
6120A		M3-2 EAST	WHITE/BLUE	EB	612+37	77' RT	36	18	4.5	4.5							
6120B		M1-1 INTERSTATE 80	WHITE/BLUE	EB	612+37	77' RT	36	36	9	9							
6131A		D9-2 HOSPITAL	WHITE/BLUE	WB	613+66	76' LT	30	30	6.25	6.25							
6131B		D9-I105 EXIT 130B	WHITE/BLUE	WB	613+66	76' LT	30	24	5	5							
6140		I-3 MIDLAND AVENUE	WHITE/GREEN	EB	614+32	72' RT	72	36	18		18						
6160		I-3 MIDLAND AVENUE	WHITE/GREEN	WB	616+41	76' LT	72	36	18		18						
6170		RIVERBOAT CASINO \ EXIT 131	WHITE/BROWN	EB	617+75	78' RT	156	60	65			65			2	2	
6180		EXIT 130B \ IL RTE 7 NORTH \ LARKIN AVE \ 1/2 MILE	WHITE/GREEN	WB	618+00	84' LT	180	150	187.5			187.5			2	2	
6210		OFF-TRACK \ WAGERING FACILITY \ EXIT 130B	WHITE/BROWN	WB	621+70	85' LT	204	60	85			85			2	2	
6230A		R2-1 SPEED LIMIT 65	BLACK/WHITE	EB	623+60	16' RT	48	60	20		20						
6230B		R2-I102 MINIMUM 45	BLACK/WHITE	EB	623+60	16' RT	48	36	12		12						
6231A		R2-1 SPEED LIMIT 65	BLACK/WHITE	EB	623+60	77' RT	48	60	20		20						
6231B		R2-I102 MINIMUM 45	BLACK/WHITE	EB	623+60	77' RT	48	36	12		12						
6260		GAS - EXIT 130A \ GAS - EXIT 130B	WHITE/BLUE	WB	626+14	84' LT	180	144	180			180			2	2	
6280		EXIT 131 \ CENTER ST \ 1/2 MILES \ I&M INFORMATION	WHITE/GREEN/BROWN	EB	628+58	79' RT	156	132	143			143			2	2	
6300A		R2-1 SPEED LIMIT 55	BLACK/WHITE	WB	630+85	15' LT	48	60	20		20						
6300B		R2-I102 MINIMUM 45	BLACK/WHITE	WB	630+85	15' LT	48	36	12		12						
6301A		R2-1 SPEED LIMIT 55	BLACK/WHITE	WB	630+90	72' LT	48	60	20		20						
6301B		R2-I102 MINIMUM 45	BLACK/WHITE	WB	630+90	72' LT	48	36	12		12						
6340		FOOD - EXIT 130B	WHITE/BLUE	WB	634+54	84' LT	240	120	200			200			2	2	
9570		W1-8R CEVHRON ALIGNMENT	BLACK/YELLOW	RAMP AA	957+53	25' LT	36	48	12		12				2	2	
9580		W1-8R CEVHRON ALIGNMENT	BLACK/YELLOW	RAMP AA	958+32	24' LT	36	48	12		12				2	2	
9581		W1-8R CEVHRON ALIGNMENT	BLACK/YELLOW	RAMP AA	958+97	24' LT	36	48	12		12				2	2	
9590		W1-8R CEVHRON ALIGNMENT	BLACK/YELLOW	RAMP AA	959+69	25' LT	36	48	12		12				2	2	
7580		W1-8R CEVHRON ALIGNMENT	BLACK/YELLOW	RAMP CC	758+75	24' LT	36	48	12		12				2	2	
7590		W1-8R CEVHRON ALIGNMENT	BLACK/YELLOW	RAMP CC	759+47	22' LT	36	48	12		12				2	2	
7600		W1-8R CEVHRON ALIGNMENT	BLACK/YELLOW	RAMP CC	760+27	18' LT	36	48	12		12				2	2	
TOTAL										86.0	496.0	1921.0	2	2	42	42	4



USER NAME = amkluver	DESIGNED - JLS	REVISED -
PLOT SCALE = 0.16666633 1/ in.	DRAWN - JLS	REVISED -
PLOT DATE = 10/5/2023	CHECKED - AB	REVISED -
	DATE - 10/6/23	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

<b>SIGNING REMOVAL SCHEDULE</b>		
SCALE: NONE	SHEET 2 OF 5 SHEETS	STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
I-80	FAI 80 22 BR	WILL	1201	403
CONTRACT NO. 62R89				
ILLINOIS FED. AID PROJECT				

MODEL: C:\IPR\_00\_04 - A\Sched 3 (Sheet)  
 FILE NAME: P:\TransSystems\ppl\comtrans\comp\ppl-hosted\Documents\Projects\_2018\CI-401\401180022\02-TransSystems\CAD\62R89\62R89\_Signing\_Sheets

EXISTING SIGNS TO REMAIN AND SIGNING RELOCATION SCHEDULE											RELOC SIGN PANEL T3	REMOV GR MT SIGN SUPPORT	REMOV CONC FDN-GR MT	STR STL SIGN SUP BA	CONC FND	REINF BARS, EPOXY CTD	WOOD SIGN SUPPORT			
SIGN ID	LEGEND/DESCRIPTION	COLOR	ALIGNMENT/DIRECTION	EX SIGN STATION	OFFSET	PR SIGN STATION	OFFSET	W (IN)	H (IN)	AREA (SQ FT)		(SQ FT)	(EACH)	(EACH)	(POUND)	(CU YD)	(POUND)	P1 (L.F.)	P2 (L.F.)	PAY LENGT
6110	UNIVERSITY OF ST. FRANCIS - EXIT 130\INTERMODAL CENTERS EXIT 127	WHITE/GREEN	I-80 WB	611+65	70' LT	611+16	86' LT	114	138	109.25	RELOCATE	109.25	2.00	2.0	1316	2.5	196.0			
6200	WEIGHT LIMIT \ 12 TONS AXLE \ 41 TONS GROSS \ CENTER ST	BLACK/WHITE	EB	620+09	74' RT	620+09	85' RT	60	60	25	RELOCATE	25						6	14	20
6350	MILE MARKER 131.5	WHITE/GREEN	EB	635+23	71' RT			12	60	5	REMAIN									
6351	MILE MARKER 131.5	WHITE/GREEN	WB	635+26	71' LT			12	60	5	REMAIN									
6370A	M3-4 WEST	BLUE/WHITE	WB	637+51	77' LT			36	18	4.5	REMAIN									
6370B	M1-1 INTERSTATE 80	BLUE/WHITE	WB	637+51	77' LT			36	36	9	REMAIN									
6390A	W1-3 S-CURVE	BLACK/YELLOW	EB	639+41	17' RT			48	48	16	REMAIN									
6390B	W13-1P 45 MPH	BLACK/YELLOW	EB	639+41	17' RT			30	30	6.25	REMAIN									
6391A	W1-3 S-CURVE	BLACK/YELLOW	EB	639+47	76' RT			48	48	16	REMAIN									
6391B	W13-1P 45 MPH	BLACK/YELLOW	EB	639+47	76' RT			30	30	6.25	REMAIN									
6410	D3-1 WHEELER AVE	WHITE/GREEN	EB	641+12	74' RT			78	18	9.75	REMAIN									
											TOTAL	134.3	2.0	2.0	1316.0	2.5	196.0			20.0



USER NAME = amkluver	DESIGNED - JLS	REVISED -
PLOT SCALE = 0.16666633 1/16 in.	DRAWN - JLS	REVISED -
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	DATE - 10/6/23	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**EXISTING SIGNS TO REMAIN SCHEDULE**

SCALE: NONE      SHEET 3 OF 5 SHEETS      STA.      TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
I-80	FAI 80 22 BR	WILL	1201	404
CONTRACT NO. 62R89			ILLINOIS FED. AID PROJECT	

PROPOSED SIGNING SCHEDULE											SIGN PANEL T1	SIGN PANEL T2	SIGN PANEL T3	MILE POST MARKER ASSEMBLY	STR STL SIGN SUP BA	TUBULAR STL SIGN SUP BA	CONC FND	REINF BARS, EPOXY CTD	TELESCOPING STL SIGN SUPPORT			WOOD SIGN SUPPORT			TRANSER SERVICE SIGN
SIGN ID	SIGN STRUCTURE ID	LEGEND/DESCRIPTION	COLOR	MOUNTING TYPE	ALIGNMENT/DIRECTION	STATION	OFFSET	W (IN)	H (IN)	AREA (SQ FT)	(SQ FT)	(SQ FT)	(EACH)	(POUND)	(POUND)	(CU YD)	(POUND)	P1 (L.F.)	P2 (L.F.)	PAY LENGTH (L.F.)	P1 (L.F.)	P2 (L.F.)	PAY LENGTH (L.F.)	(EACH)	
5191		EXIT 130 \ IL RTE 7 \ LARKIN AVE \ 1 MILE	WHITE/GREEN	BREAKAWAY STEEL	I-80 EB	519+33	76.75' RT	174	150	181.25			181.25	1961		4.2	244								
5200		FOOD - EXIT 127	WHITE/BLUE	BREAKAWAY STEEL	I-80 WB	520+50	79.5' LT	240	120	200		200		1370		3.8	226							6	
5240		GAS - EXIT 130	WHITE/BLUE	BREAKAWAY STEEL	I-80 EB	524+48	77' RT	180	120	150		150		1192		2.8	214							6	
5280		CRASH INVESTIGATION SITE \ 1 MILE	WHITE/BLUE	WOOD POST	I-80 EB	528+45	71.5' RT	48	60	20		20									12	28	40		
5291		MILE MARKER 129.5	WHITE/GREEN	MILE POST	I-80 EB	529+68	69' RT	12	60	5			1												
5292		MILE MARKER 129.5	WHITE/GREEN	MILE POST	I-80 WB	529+69	69' LT	12	60	5			1												
5310		LODGING - EXIT 127	WHITE/BLUE	BREAKAWAY STEEL	I-80 WB	531+50	79.5' LT	240	120	200		200		1385		4.2	226							6	
5410		ROCKDALE \ EXIT 130	WHITE/GREEN	BREAKAWAY STEEL	I-80 EB	541+00	69.5' RT	102	60	42.5		42.5			351	1.4	92								
5450		EXIT 130 \ IL RTE 7 \ LARKIN AVE \ 1/2 MILE	WHITE/GREEN	BREAKAWAY STEEL	I-80 EB	545+73	77' RT	174	150	181.25		181.25		1970		4.2	244								
5461A		R2-1109 TRUCKS OVER 4 TONS	BLACK/WHITE	WOOD POST	I-80 WB	546+79	72' LT	48	30	10		10									6	16.5	22.5		
5461B		R2-1 SPEED LIMIT 60	BLACK/WHITE		I-80 WB	546+79	72' LT	48	60	20		20													
5491A		D9-2 HOSPITAL	WHITE/BLUE	WOOD POST	I-80 EB	549+08	72' RT	30	30	6.25	6.25										6	14	20		
5491B		D9-1105 EXIT 130	WHITE/BLUE		I-80 EB	549+08	72' RT	30	30	6.25	6.25														
5512		OFF-TRACK \ WAGERING FACILITY \ EXIT 130	WHITE/BROWN	BREAKAWAY STEEL	I-80 EB	551+06	95.8' RT	246	90	153.75		153.75		1270		3.5	276								
5542		CRASH INVESTIGATION SITE \ 1/2 MILE	WHITE/BLUE	WOOD POST	I-80 EB	554+02	71.5' RT	48	60	20		20									12	28	40		
5562		MILE MARKER 130.0	WHITE/GREEN	MILE POST	I-80 EB	556+07	69' RT	12	60	5			1												
5563		MILE MARKER 130.0	WHITE/GREEN	MILE POST	I-80 WB	556+09	69' RT	12	60	5			1												
5564		W4-2 LANE ENDS	BLACK/YELLOW	WOOD POST	I-80 WB	556+41	72' LT	48	48	16		16									6	13	19		
5570	1C0991080R130.0	EXIT 130 \ LARKIN AVE \ EXIT ONLY	WHITE/GREEN	OVERHEAD CANTILEVER	I-80 EB	557+06	42' RT	192	156	208		208													
5601A		R2-1 SPEED LIMIT 65	BLACK/WHITE	LIGHT POLE	I-80 EB	560+05	Ø	48	60	20		20													
5601B		R2-1102 MINIMUM 45	BLACK/WHITE		I-80 EB	560+05	Ø	48	36	12		12													
5602A		R2-1 SPEED LIMIT 65	BLACK/WHITE	WOOD POST	I-80 EB	560+20	78' RT	48	60	20		20									6	17	23		
5602B		R2-1102 MINIMUM 45	BLACK/WHITE		I-80 EB	560+20	78' RT	48	36	12		12													
5623A		R2-1 SPEED LIMIT 65	BLACK/WHITE	LIGHT POLE	I-80 WB	562+69	Ø	48	60	20		20													
5623B		R2-1102 MINIMUM 45	BLACK/WHITE		I-80 WB	562+69	Ø	48	36	12		12													
5624A		R2-1 SPEED LIMIT 65	BLACK/WHITE	WOOD POST	I-80 WB	562+69	76' LT	48	60	20		20									6	17	23		
5624B		R2-1102 MINIMUM 45	BLACK/WHITE		I-80 WB	562+69	76' LT	48	36	12		12													
5632		UNIVERSITY OF ST. FRANCIS - EXIT 130	WHITE/GREEN	BREAKAWAY STEEL	I-80 EB	563+41	91.5' RT	108	96	72		72		538	1.4	92									
5724		W13-2 RAMP \ 30 MPH	BLACK/YELLOW	ATTACH TO THE STRUCTURE	I-80 EB	572+10	77' RT	48	60	20		20													
5700A		M3-4 WEST	WHITE/BLUE	WOOD POST	I-80 WB	570+00	77' LT	36	18	4.5	4.5										6	13.5	19.5		
5700B		M1-1 INTERSTATE 80	WHITE/BLUE		I-80 WB	570+00	77' LT	36	36	9	9														
5681		CRASH INVESTIGATION SITE \ DIRECTIONAL ARROW	WHITE/BLUE	WOOD POST	I-80 EB	568+00	78' RT	48	60	20		20									12	28	40		
5725	1S0991080R130.3	EXIT 130 \ LARKIN AVE \ EXIT ONLY	WHITE\GREEN	OVERHEAD SPAN	I-80 EB	572+13	48' RT	192	156	208		208													
5726		EXIT 131 \ CENTER ST \ MEADOW AVE \ 1 MILE	WHITE\GREEN		I-80 EB	572+13	30' RT	192	132	176		176													
5727		EXIT 132 CHICAGO ST \ 2 MILES	WHITE\GREEN		I-80 EB	572+13	18' RT	174	150	181.25		181.25													
5750		W13-3 RAMP \ 30 MPH	BLACK/YELLOW	LIGHTPOLE	I-80 EB	576+15	95' RT	48	60	20		20									6	12.6	18.6		
5792		GORE SIGN EXIT 130	WHITE/GREEN	WOOD POST	I-80 EB	579+04	69' RT	96	60	40		40									12	27.9	39.9		
5793		W4-1 MERGE	BLACK/YELLOW	WOOD POST	I-80 WB	579+95	70' LT	48	48	16		16									6	13	19		
5822		MILE MARKER 130.5	WHITE/GREEN	MILE POST	I-80 EB	582+47	70' LT	12	60	5			1												
5823		MILE MARKER 130.5	WHITE/GREEN	MILE POST	I-80 WB	582+49	70' RT	12	60	5			1												
5852		W4-1 MERGE	BLACK/YELLOW	WOOD POST	I-80 EB	585+76	70' RT	48	48	16		16									6	13	19		
5922		W4-1 MERGE	BLACK/YELLOW	WOOD POST	I-80 WB	592+51	70' LT	48	48	16		16									6	13	19		
5970		W4-1 MERGE	BLACK/YELLOW	WOOD POST	I-80 EB	597+52	78' RT	48	48	16		16									6	13	19		
5990		GORE SIGN EXIT 130	WHITE/GREEN	WOOD POST	I-80 WB	599+33	70' LT	96	60	40		40									12	28	40		

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USER NAME = amkluver	DESIGNED - JLS	REVISED -
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PLOT DATE = 10/5/2023	CHECKED - AB	REVISED -
	DATE - 10/6/23	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

PROPOSED SIGNING SCHEDULE				
SCALE: NONE	SHEET 4 OF 5 SHEETS	STA.	TO STA.	

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
I-80	FAI 80 22 BR	WILL	1201	405
CONTRACT NO. 62R89				
ILLINOIS FED. AID PROJECT				

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PROPOSED SIGNING SCHEDULE											SIGN PANEL T1	SIGN PANEL T2	SIGN PANEL T3	MILE POST MARKER ASSEMBLY	STR STL SIGN SUP BA	TUBULAR STL SIGN SUP BA	CONC FND	REINF BARS, EPOXY CTD	TELESCOPING STL SIGN SUPPORT			WOOD SIGN SUPPORT			TRANSFER SERVICE SIGN
SIGN ID	SIGN STRUCTURE ID	LEGEND/DESCRIPTION	COLOR	MOUNTING TYPE	ALIGNMENT/DIRECTION	STATION	OFFSET	W (IN)	H (IN)	AREA (SQ FT)	(SQ FT)	(SQ FT)	(SQ FT)	(EACH)	(POUND)	(POUND)	(CU YD)	(POUND)	P1 (L.F.)	P2 (L.F.)	PAY LENGTH (L.F.)	P1 (L.F.)	P2 (L.F.)	PAY LENGTH (L.F.)	(EACH)
6060		W13-2 RAMP \ 30 MPH	BLACK/YELLOW	WOOD POST	I-80 WB	606+00	85' LT	48	60	20												6	12.6	18.6	
6061	1S099I080L130.9	EXIT 130 \ LARKIN AVE \ EXIT ONLY	WHITE/GREEN	OVERHEAD SPAN	I-80 WB	606+33	54' LT	192	156	208			208												
6062		I-80 WEST \ IOWA	WHITE/GREEN		I-80 WB	606+33	36' LT	204	120	170			170												
6070		CRASH INVESTIGATION SITE \ DIRECTIONAL ARROW	WHITE/BLUE	WOOD POST	I-80 WB	607+36	84' LT	48	60	20		20										12	28	40	
6081		MILE MARKER 131.0	WHITE/GREEN	MILE POST	I-80 EB	608+87	82' LT	12	60	5				1											
6082		MILE MARKER 131.0	WHITE/GREEN	MILE POST	I-80 WB	608+89	82' RT	12	60	5				1											
6100A		M3-2 EAST	WHITE/BLUE	LIGHT POLE	I-80 EB	610+81	76' RT	36	18	4.5	4.5														
6100B		M1-1 INTERSTATE 80	WHITE/BLUE		I-80 EB	610+81	76' RT	36	36	9	9														
6130A		D9-2 HOSPITAL	WHITE/BLUE	WOOD POST	I-80 WB	613+87	84' LT	30	30	6.25	6.25											5	13.75	18.75	
6130B		D9-I105 EXIT 130	WHITE/BLUE		I-80 WB	613+87	84' LT	30	30	6.25	6.25														
6141		I-3 MIDLAND AVENUE	WHITE/GREEN	TELESCOPING STEEL	I-80 EB	614+19	86' RT	108	66	49.5			49.5						12	29	41				
6161		I-3 MIDLAND AVENUE	WHITE/GREEN	TELESCOPING STEEL	I-80 WB	616+42	86' LT	108	66	49.5			49.5						12	29	41				
6171	1C099I080R131.1	EXIT 131 \ CENTER ST \ MEADOW AVE \ EXIT ONLY	WHITE/GREEN	OVERHEAD CANTILEVER	I-80 EB	617+00	54' RT	192	168	224			224												
6172	1S099I080L131.2	EXIT 130 \ LARKIN AVE \ EXIT ONLY	WHITE/GREEN	OVERHEAD SPAN	I-80 WB	617+25	38' LT	192	156	208			208												
6190		GAS - EXIT 130	WHITE/BLUE	BREAKAWAY STEEL	I-80 WB	619+89	91' LT	180	120	150			150		1145		2.5	196							6
6201A		M3-4 WEST	WHITE/BLUE	WOOD POST	I-80 WB	620+96	83' LT	36	18	4.5	4.5											6	13.5	19.5	
6201B		M1-1 INTERSTATE 80	WHITE/BLUE		I-80 WB	620+96	83' LT	36	36	9	9														
6211		CRASH INVESTIGATION SITE \ 1/2 MILE	WHITE/BLUE	WOOD POST	I-80 WB	621+98	83' LT	48	60	20		20										19	20.3	39.3	
6220		RIVERBOAT CASINO \ EXIT 131	WHITE/BROWN	BREAKAWAY STEEL	I-80 EB	622+33	89' RT	180	90	112.5			112.5		1116		2.5	196							
6240A		R2-1 SPEED LIMIT 65	BLACK/WHITE	LIGHT POLE	I-80 EB	624+03	48	60	20			20													
6240B		R2-I102 MINIMUM 45	BLACK/WHITE		I-80 EB	624+03	48	36	12			12													
6241A		R2-1 SPEED LIMIT 65	BLACK/WHITE	WOOD POST	I-80 EB	624+03	82' RT	48	60	20			20									6	17	23	
6241B		R2-I102 MINIMUM 45	BLACK/WHITE		I-80 EB	624+03	82' RT	48	36	12			12												
6261		OFF-TRACK WAGERING FACILITY	BROWN/WHITE	BREAKAWAY STEEL	I-80 WB	626+17	101' LT	246	90	153.75			153.75		1896.00		3.5	294							
6271		W1-4 REVERSE CURVE	BLACK/YELLOW	WOOD POST	I-80 EB	627+49	80' RT	48	48	16		16										6	13	19	
6262		ENTERING I&M \ NAT'L HERITAGE CORRIDOR	WHITE/BROWN	BREAKAWAY STEEL	I-80 EB	626+62	105' RT	246	84	143.5			143.5		1352		3.5	234							
6290		FOOD - EXIT 130	WHITE/BLUE	BREAKAWAY STEEL	I-80 WB	629+08	91' LT	240	120	200			200		2128.00		4.5	344							6
6291A		R2-I109 TRUCKS \ OVER 4 TONS	BLACK/WHITE	LIGHT POLE	I-80 EB	629+08	48	30	10			10													
6291B		R2-1 SPEED LIMIT 60	BLACK/WHITE		I-80 EB	629+08	48	60	20			20													
6310A		R2-1 SPEED LIMIT 65	BLACK/WHITE	WOOD POST	I-80 EB	631+50	82' RT	48	30	10			10									6	16.5	22.5	
6310B		R2-I102 MINIMUM 45	BLACK/WHITE		I-80 EB	631+50	82' RT	48	60	20			20												
6341		W1-4 REVERSE CURVE	BLACK/YELLOW	WOOD POST	I-80 WB	634+00	82' LT	48	48	16		16										6	13	19	
7581		W1-8R CEVHRON ALIGNMENT	BLACK/YELLOW	TELESCOPING STEEL	RAMP CC	758+75	25' LT	36	48	12		12						5	26	31					
7591		W1-8R CEVHRON ALIGNMENT	BLACK/YELLOW	TELESCOPING STEEL	RAMP CC	759+47	26' LT	36	48	12		12						5	26	31					
7601		W1-8R CEVHRON ALIGNMENT	BLACK/YELLOW	TELESCOPING STEEL	RAMP CC	760+27	26' LT	36	48	12		12						5	26	31					
9571		W1-8R CEVHRON ALIGNMENT	BLACK/YELLOW	TELESCOPING STEEL	RAMP AA	957+53	26' LT	36	48	12		12						5	26	31					
9582		W1-8R CEVHRON ALIGNMENT	BLACK/YELLOW	TELESCOPING STEEL	RAMP AA	958+32	26' LT	36	48	12		12						5	26	31					
9583		W1-8R CEVHRON ALIGNMENT	BLACK/YELLOW	TELESCOPING STEEL	RAMP AA	958+97	26' LT	36	48	12		12						5	26	31					
9591		W1-8R CEVHRON ALIGNMENT	BLACK/YELLOW	TELESCOPING STEEL	RAMP AA	959+69	26' LT	36	48	12		12						5	26	31					
TOTAL											66.0	590.0	3703.0	8.0	16785.0	890.0	43.0	2878.0			175.0			642.0	30.0



USER NAME = amkluver	DESIGNED - JLS	REVISED -
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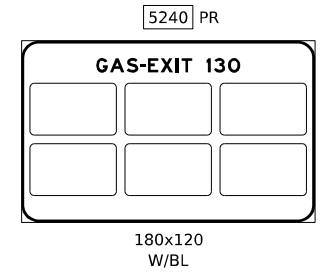
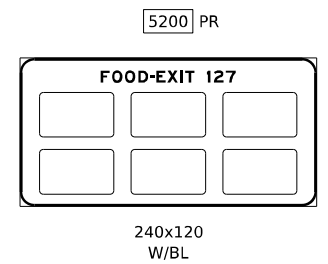
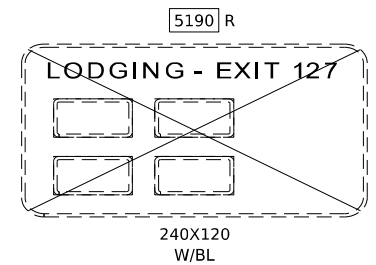
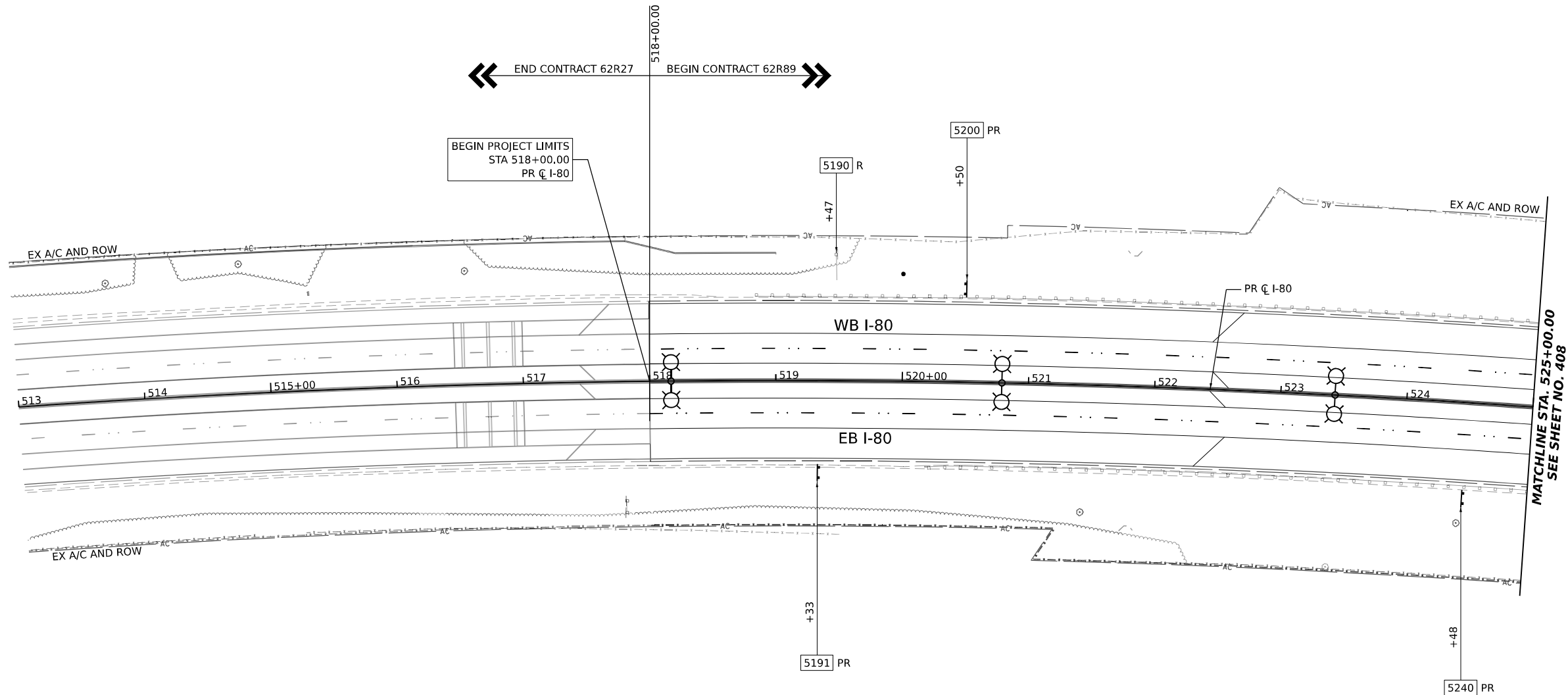
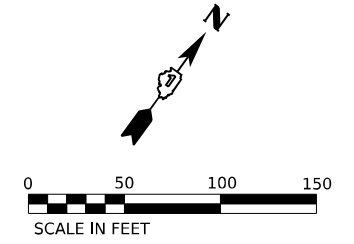
**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

<b>PROPOSED SIGNING SCHEDULE</b>		
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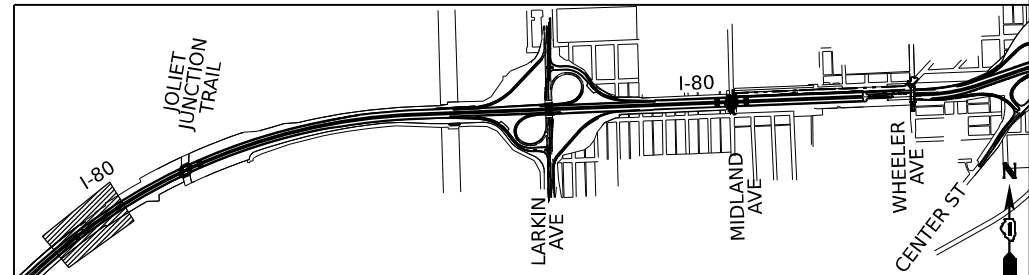
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
I-80	FAI 80 22 BR	WILL	1201	406
			CONTRACT NO. 62R89	
ILLINOIS FED. AID PROJECT				

### SIGNING LEGEND

- R REMOVE SIGN PANEL AND SUPPORTS (NO REPLACEMENT)
- REM EXISTING SIGN TO REMAIN
- PR NEW SIGN PANEL AND SUPPORT(S)



### KEY PLAN



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USER NAME = amkluver	DESIGNED - JLS	REVISED -
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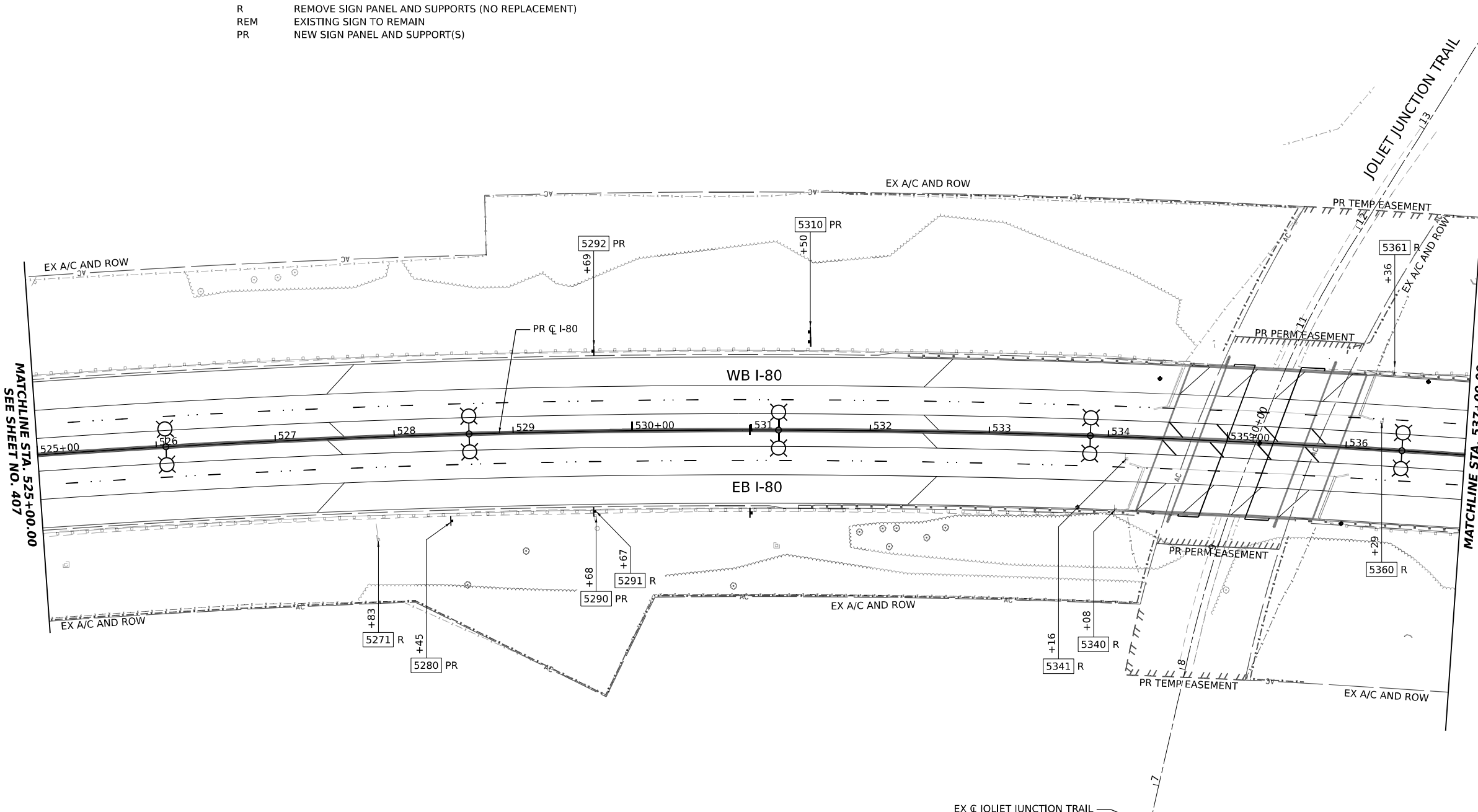
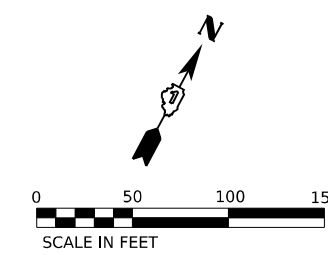
## STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION

EXISTING AND PROPOSED SIGNING PLAN	
I-80	
SCALE: 1"=50'	SHEET 1 OF 11 SHEETS STA. 513+00.00 TO STA. 525+00.00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
I-80	FAI 80 22 BR	WILL	1201	407
CONTRACT NO. 62R89				
ILLINOIS FED. AID PROJECT				

### SIGNING LEGEND

- R REMOVE SIGN PANEL AND SUPPORTS (NO REPLACEMENT)
- REM EXISTING SIGN TO REMAIN
- PR NEW SIGN PANEL AND SUPPORT(S)



5271 R

GAS - EXIT 130 A

---

5280 PR

GAS - EXIT 130 B

240x144 W/BL

5290 PR

MILE 1295

12X60 W/G

5291 R

MILE 1295

12X60 W/G

5292 PR

MILE 1295

12X60 W/G

5310 PR

LODGING-EXIT 127

240x120 W/BL

5340 R

5361 R

OM3-R  
12X36  
B/Y

5341 R

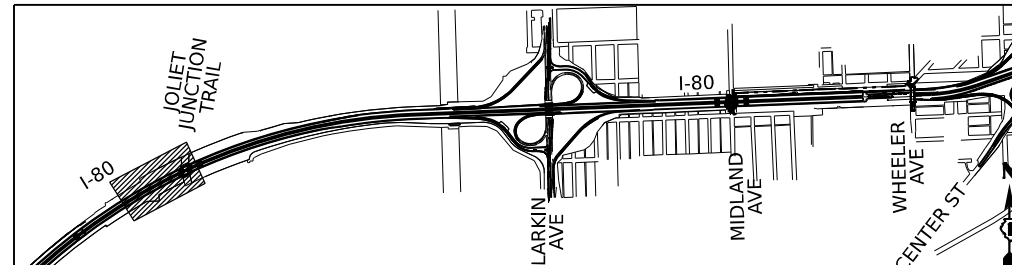
5360 R

OM3-L  
12X36  
B/Y

MATCHLINE STA. 525+00.00  
SEE SHEET NO. 407

MATCHLINE STA. 537+00.00  
SEE SHEET NO. 409

### KEY PLAN



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**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

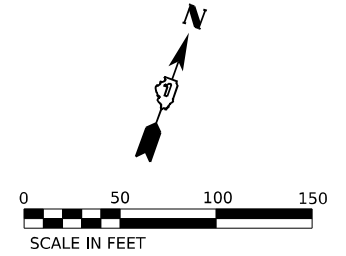
**EXISTING AND PROPOSED SIGNING PLAN**  
**I-80**

SCALE: 1"=50'      SHEET 2 OF 11 SHEETS      STA. 525+00.00 TO STA. 537+00.00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
I-80	FAI 80 22 BR	WILL	1201	408
CONTRACT NO. 62R89				
ILLINOIS FED. AID PROJECT				

### SIGNING LEGEND

- R REMOVE SIGN PANEL AND SUPPORTS (NO REPLACEMENT)
- REM EXISTING SIGN TO REMAIN
- PR NEW SIGN PANEL AND SUPPORT(S)



5391 R  
5390 R



W3-5  
48X48  
B/Y

5410 PR



102X60  
W/G

5450 PR

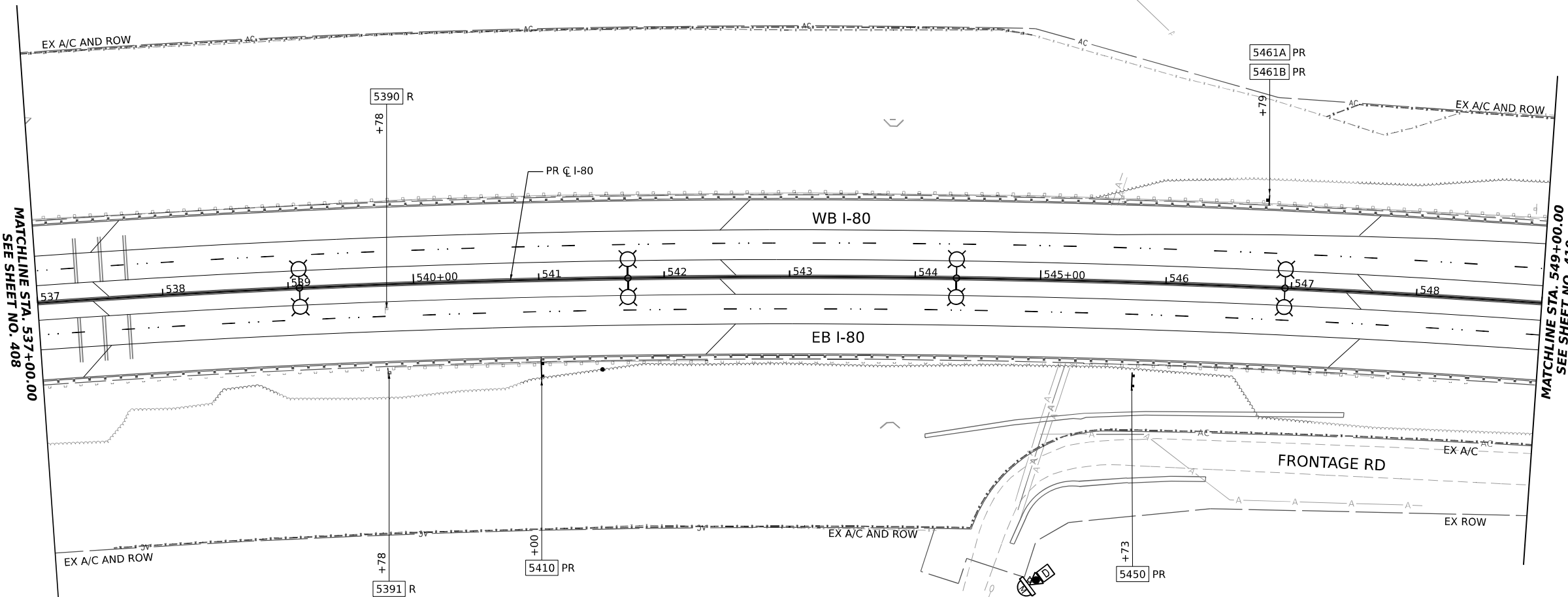


174X150  
W/G

5461A PR  
5461B PR



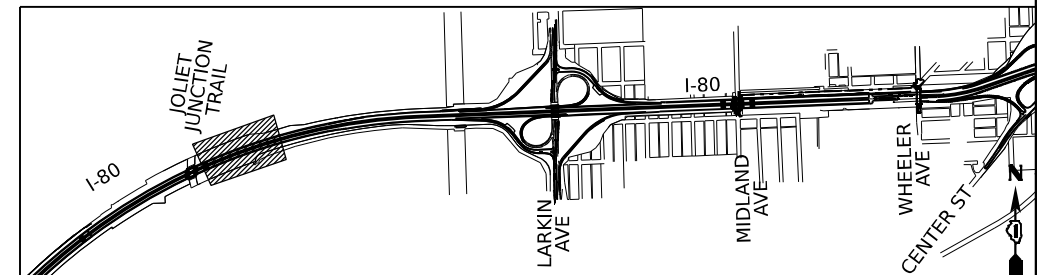
R2-1 109  
48X30  
B/W  
R2-1  
48X60  
B/W



MATCHLINE STA. 537+00.00  
SEE SHEET NO. 408

MATCHLINE STA. 549+00.00  
SEE SHEET NO. 410

### KEY PLAN



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USER NAME = amkluver	DESIGNED - JLS	REVISED -
DRAWN - JLS	REVISOR -	
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**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

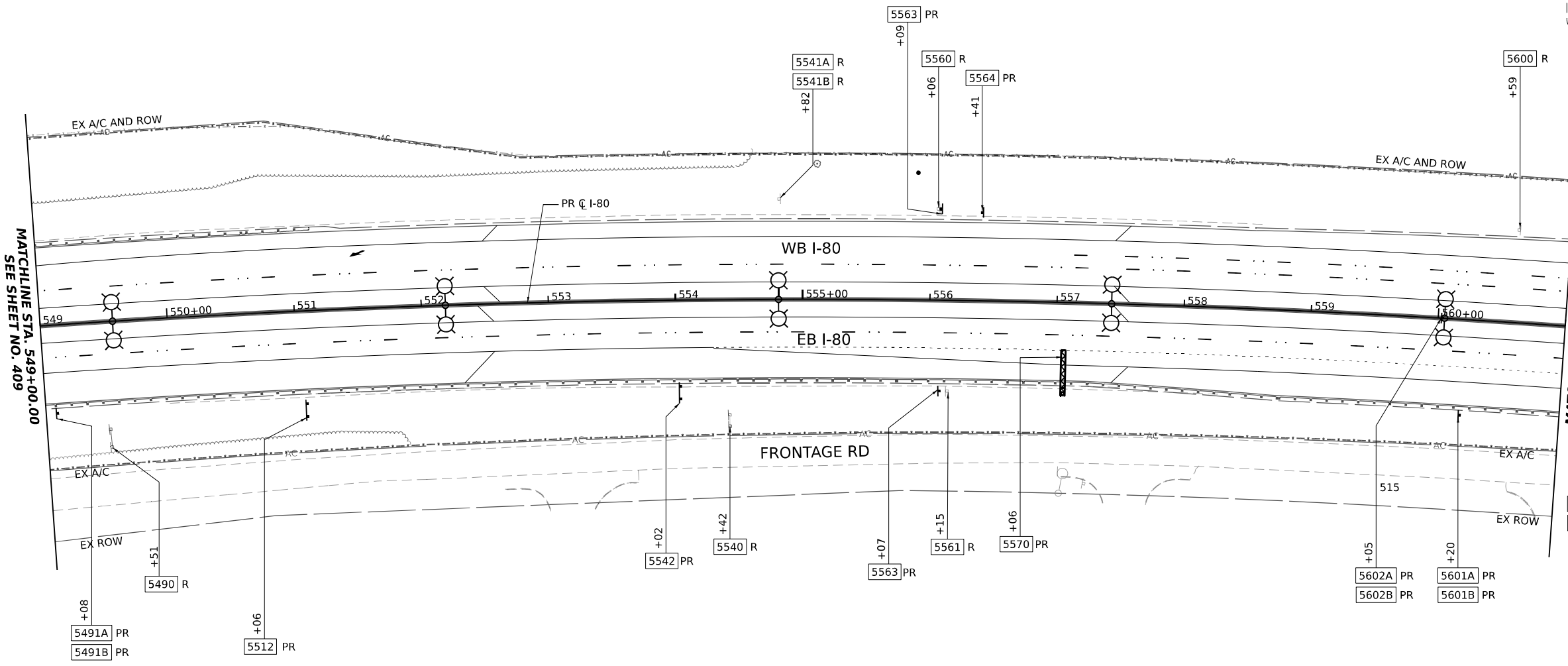
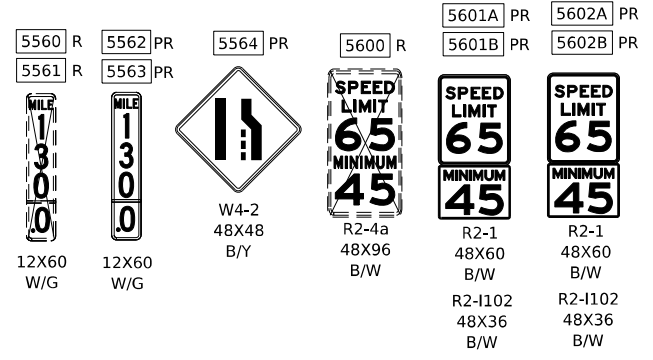
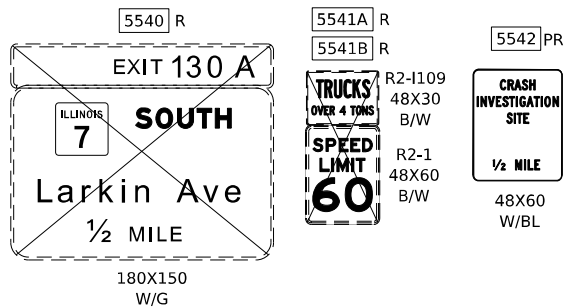
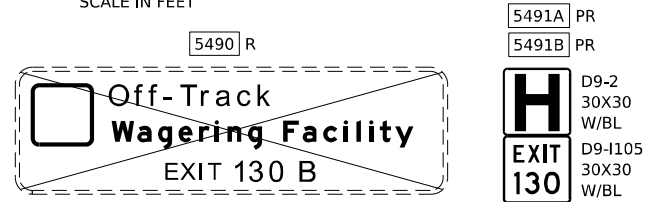
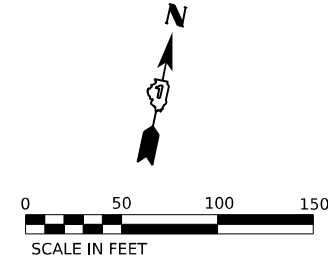
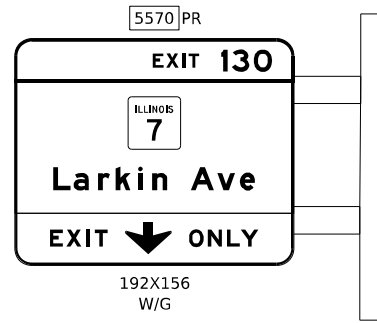
**EXISTING AND PROPOSED SIGNING PLAN  
I-80**

SCALE: 1"=50' SHEET 3 OF 11 SHEETS STA. 537+00.00 TO STA. 549+00.00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
I-80	FAI 80 22 BR	WILL	1201	409
			CONTRACT NO. 62R89	
			ILLINOIS FED. AID PROJECT	

### SIGNING LEGEND

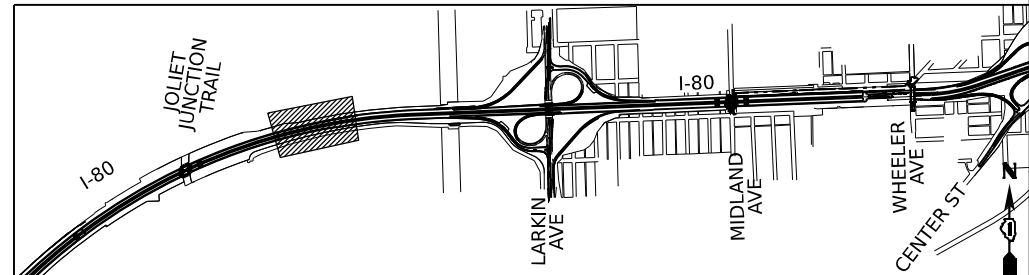
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- REM EXISTING SIGN TO REMAIN
- PR NEW SIGN PANEL AND SUPPORT(S)



MATCHLINE STA. 549+00.00 SEE SHEET NO. 409

MATCHLINE STA. 561+00.00 SEE SHEET NO. 411

### KEY PLAN



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USER NAME = amkluver	DESIGNED - JLS	REVISED -
DRAWN - JLS	REVISED -	
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PLOT DATE = 10/5/2023	DATE - 10/6/23	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**EXISTING AND PROPOSED SIGNING PLAN**  
**I-80**

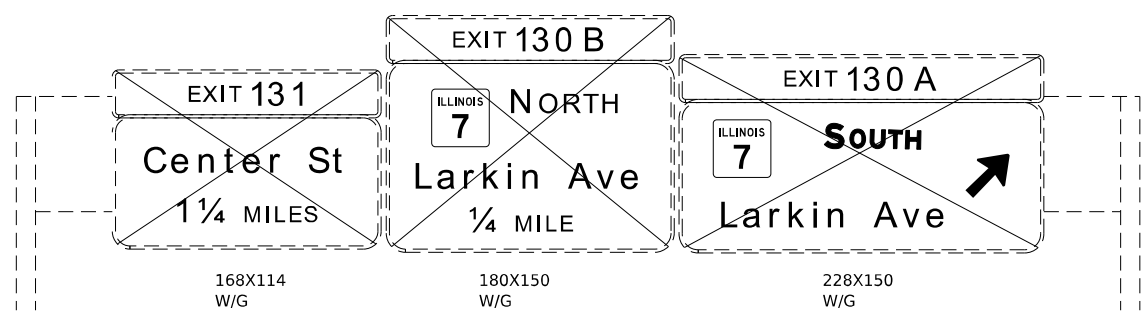
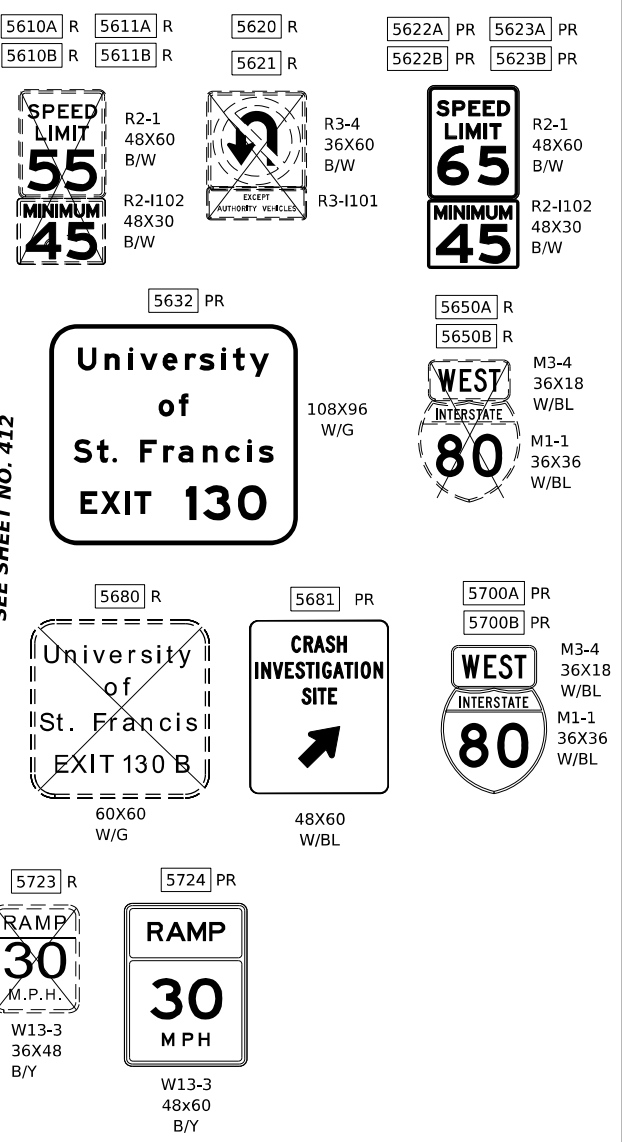
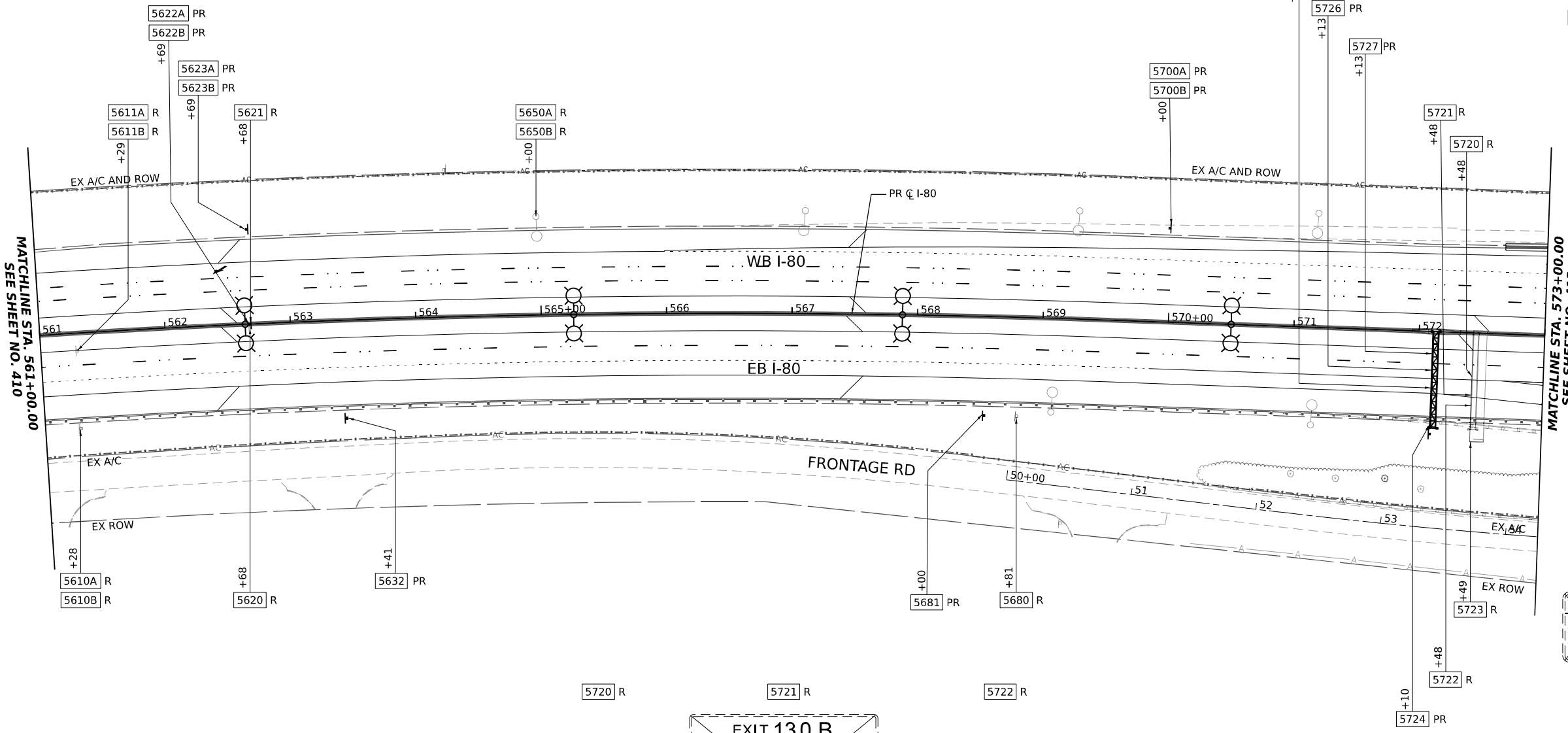
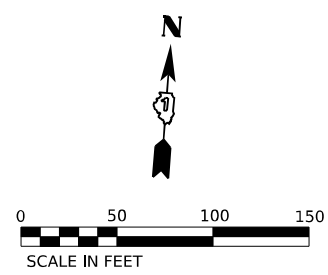
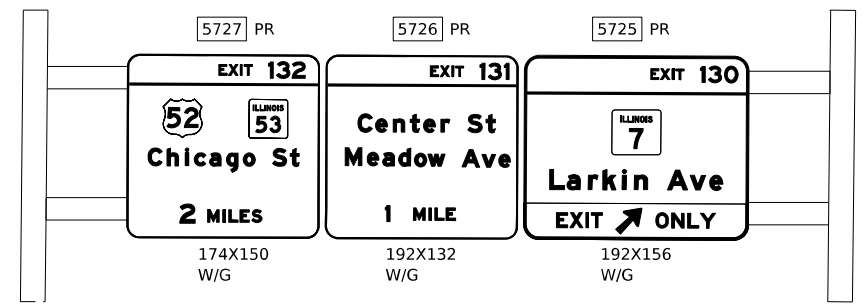
SCALE: 1"=50'      SHEET 4 OF 11 SHEETS      STA. 549+00.00 TO STA. 561+00.00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
I-80	FAI 80 22 BR	WILL	1201	410
CONTRACT NO. 62R89			ILLINOIS FED. AID PROJECT	

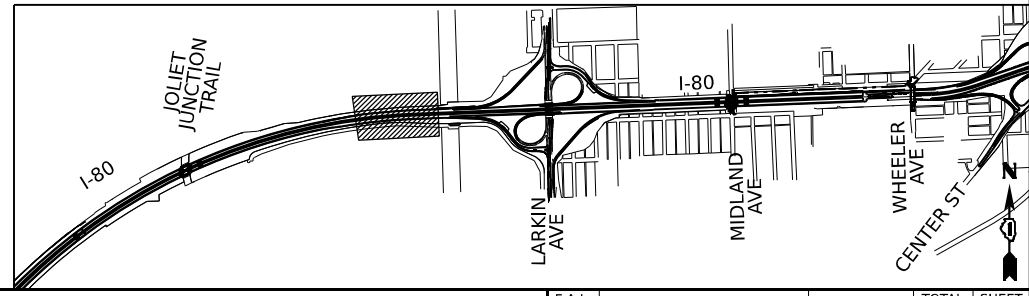


## SIGNING LEGEND

R REMOVE SIGN PANEL AND SUPPORTS (NO REPLACEMENT)  
 REM EXISTING SIGN TO REMAIN  
 PR NEW SIGN PANEL AND SUPPORT(S)



## KEY PLAN



MODEL: C:\IPR\_00\_04\_Plan 5 (Sheet1)  
 FILE NAME: P:\projects\2022\22-02-TransSystems\pwr-headers\Documents\Projects\_2018\CI-401\401180022\02-TransSystems\CAD\2289\Sheet119-PM and Signing\D162889\_Signing\_Sheets



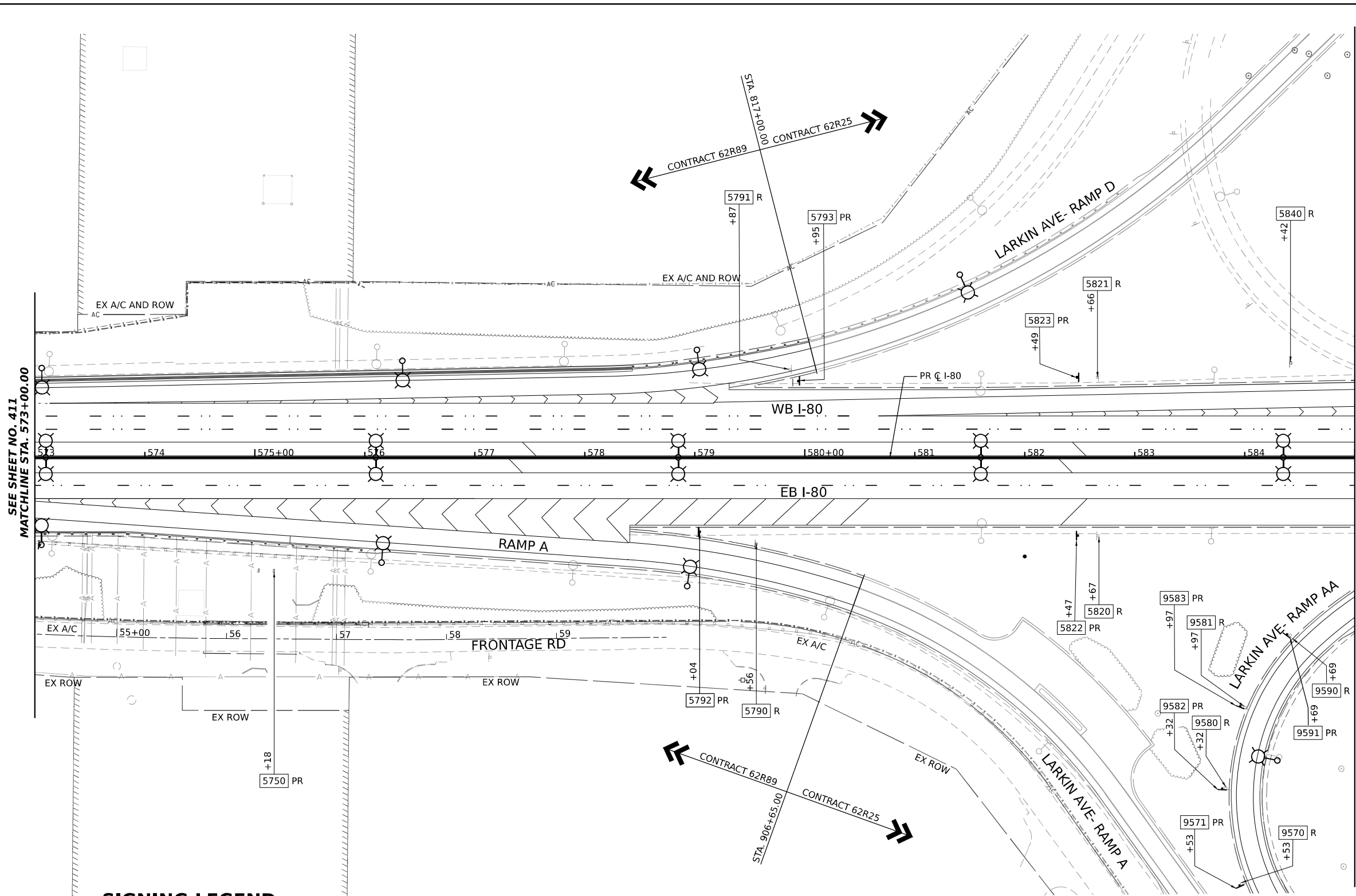
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DRAWN - JLS	REVISED -	
PLOT SCALE = 0.16666633 1/16 in.	CHECKED - AB	REVISED -
PLOT DATE = 10/5/2023	DATE - 10/6/23	REVISED -


**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

<b>EXISTING AND PROPOSED SIGNING PLAN</b>	
<b>I-80</b>	
SCALE: 1"=50'	SHEET 5 OF 11 SHEETS
STA. 561+00.00	TO STA. 573+00.00


F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
I-80	FAI 80 22 BR	WILL	1201	411
CONTRACT NO. 62R89			ILLINOIS FED. AID PROJECT	

MODEL: C:\PR\_00\_04\_1\_Plan\_6 (Sheet1)  
 FILE NAME: P:\Projects\Illinois\Projects\2018\01\002702702\TransSystems\CAD\62R89\Sheet1.dwg and Signing\62R89\_Signing\_Sheets





SCALE IN FEET



**RAMP**

**30**

MPH

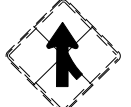
W13-3  
48X60  
B/Y

**EXIT**

**130 A**

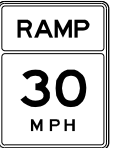
126X60  
W/G

5791 R



W4-1  
48X48  
B/Y

5750 PR

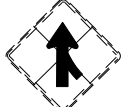


W13-3  
48X60  
B/Y

5790 R


5840 R

5791 R




W4-1  
48X48  
B/Y

5792 PR




W13-3  
48X60  
B/Y

5793 PR




W4-1  
48X48  
B/Y

5820 R



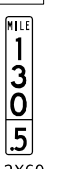
12X60  
W/G

5821 R



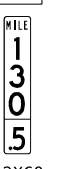
12X60  
W/G

5822 PR




12X60  
W/G

5823 PR




12X60  
W/G

9570 R



36X48  
B/Y

9571 PR

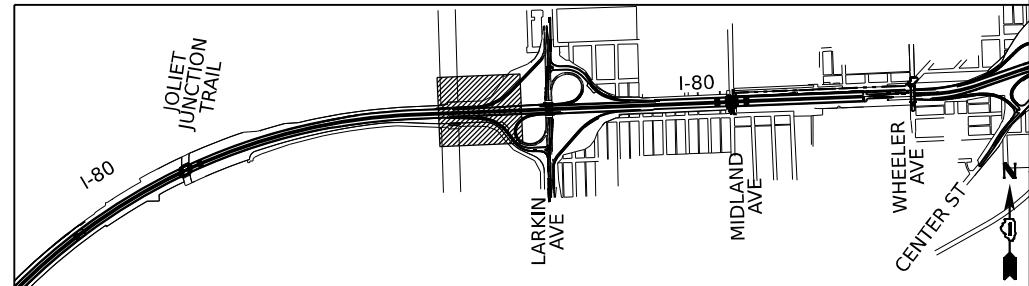


36X48  
B/Y

**SIGNING LEGEND**

- R REMOVE SIGN PANEL AND SUPPORTS (NO REPLACEMENT)
- REM EXISTING SIGN TO REMAIN
- PR NEW SIGN PANEL AND SUPPORT(S)

**KEY PLAN**



USER NAME = amkljuver	DESIGNED - JLS	REVISED -	
	DRAWN - JLS	REVISED -	
PLOT SCALE = 0.16666633 1/16 in.	CHECKED - AB	REVISED -	
PLOT DATE = 10/5/2023	DATE - 10/6/23	REVISED -	

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

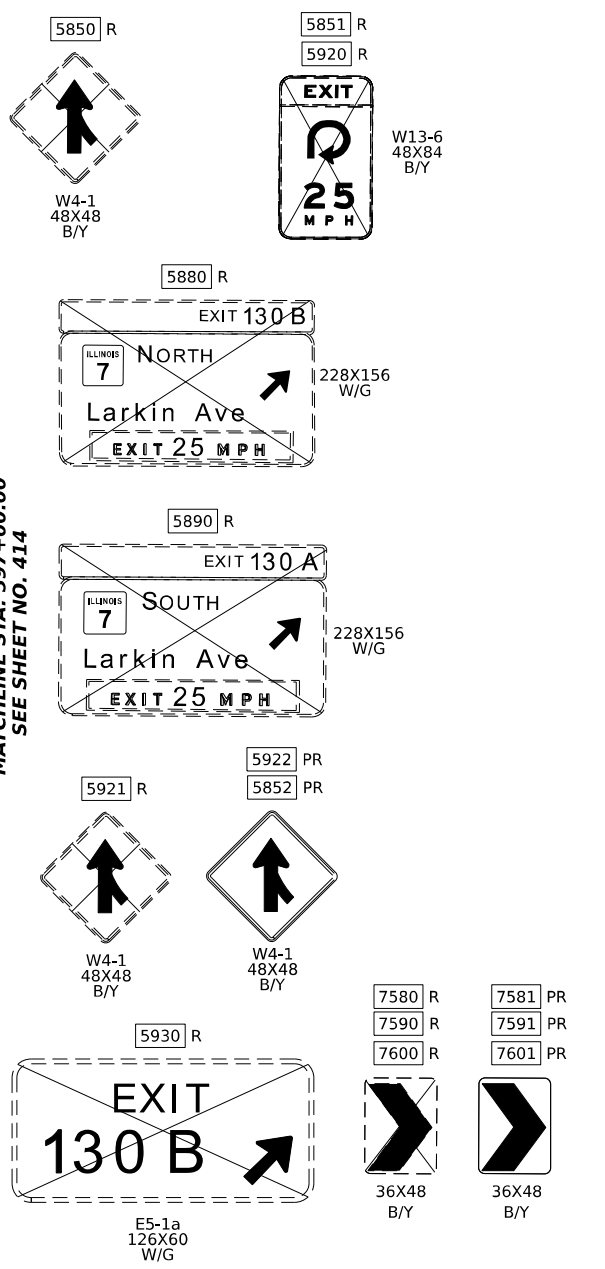
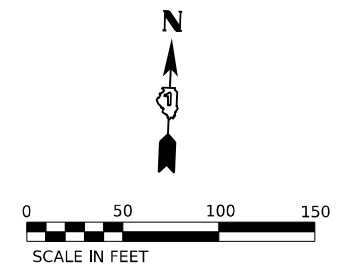
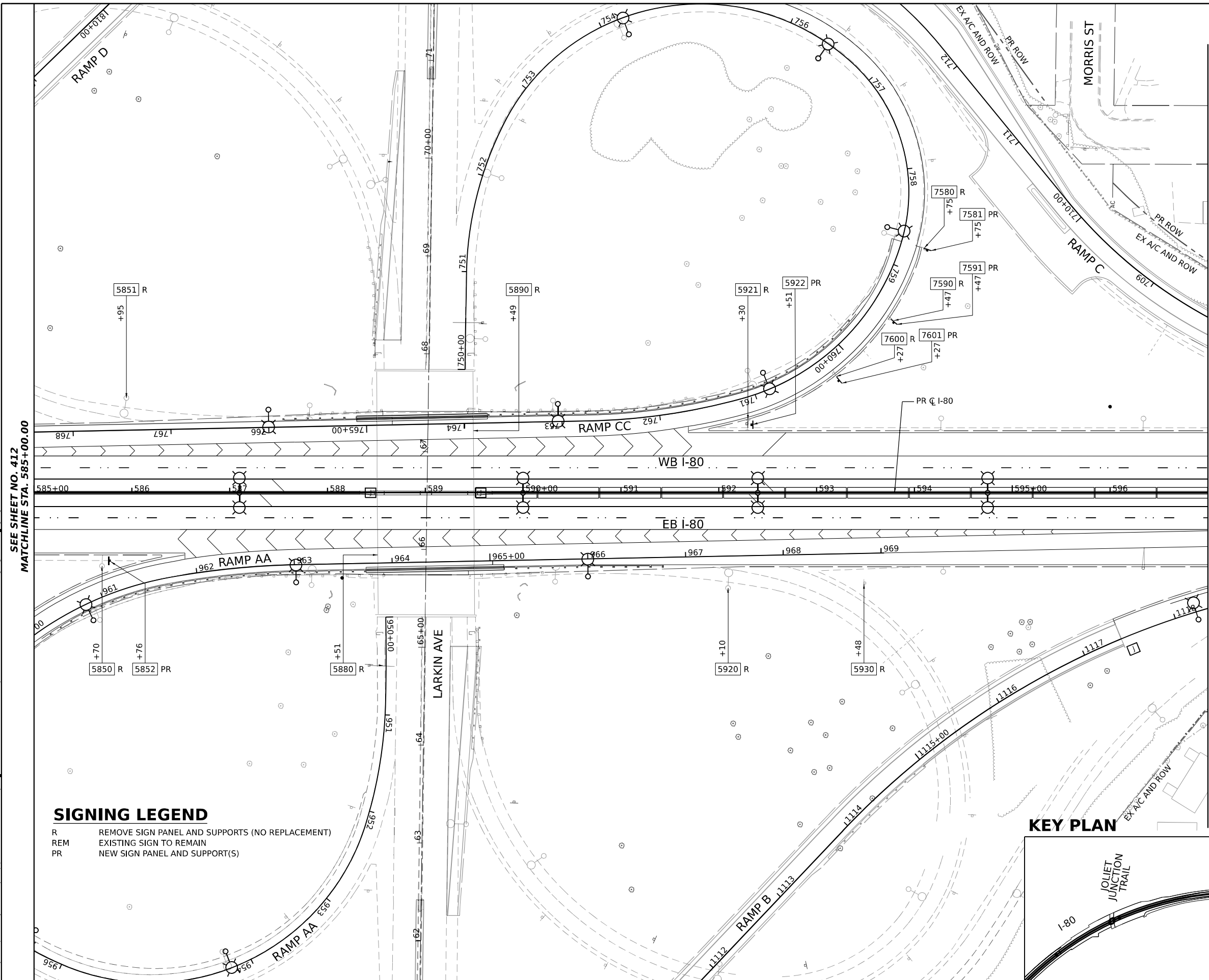
**EXISTING AND PROPOSED SIGNING PLAN**

**I-80**

SCALE: 1"=50'      SHEET 6 OF 11 SHEETS      STA. 573+00.00 TO STA. 585+00.00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
I-80	FAI 80 22 BR	WILL	1201	412
CONTRACT NO. 62R89				
ILLINOIS FED. AID PROJECT				

MODEL: C:\IPR\_00\_04\_1\Plan 7 (Sheet 1)  
 FILE NAME: p:\projects\transportation\pwr\shared\Documents\Projects\_2018\CH401\401180022\02-TransSystems\CAD\2289\Sheet19.dwg and Signing\0162889\_Signing\_Sheets



**SIGNING LEGEND**  
 R REMOVE SIGN PANEL AND SUPPORTS (NO REPLACEMENT)  
 REM EXISTING SIGN TO REMAIN  
 PR NEW SIGN PANEL AND SUPPORT(S)

**KEY PLAN**

SEE SHEET NO. 412  
 MATCHLINE STA. 585+00.00

MATCHLINE STA. 597+00.00  
 SEE SHEET NO. 414

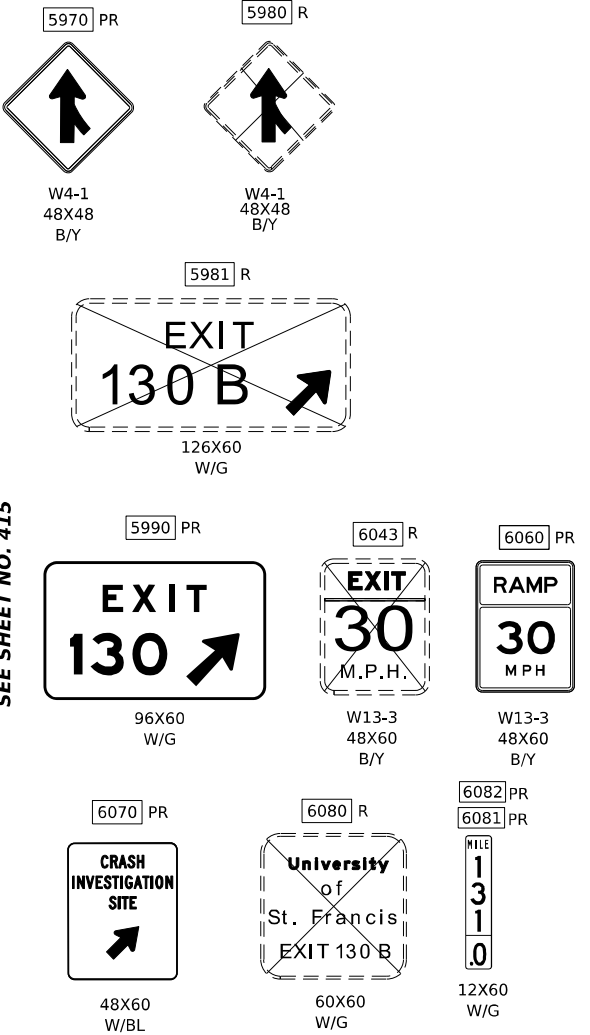
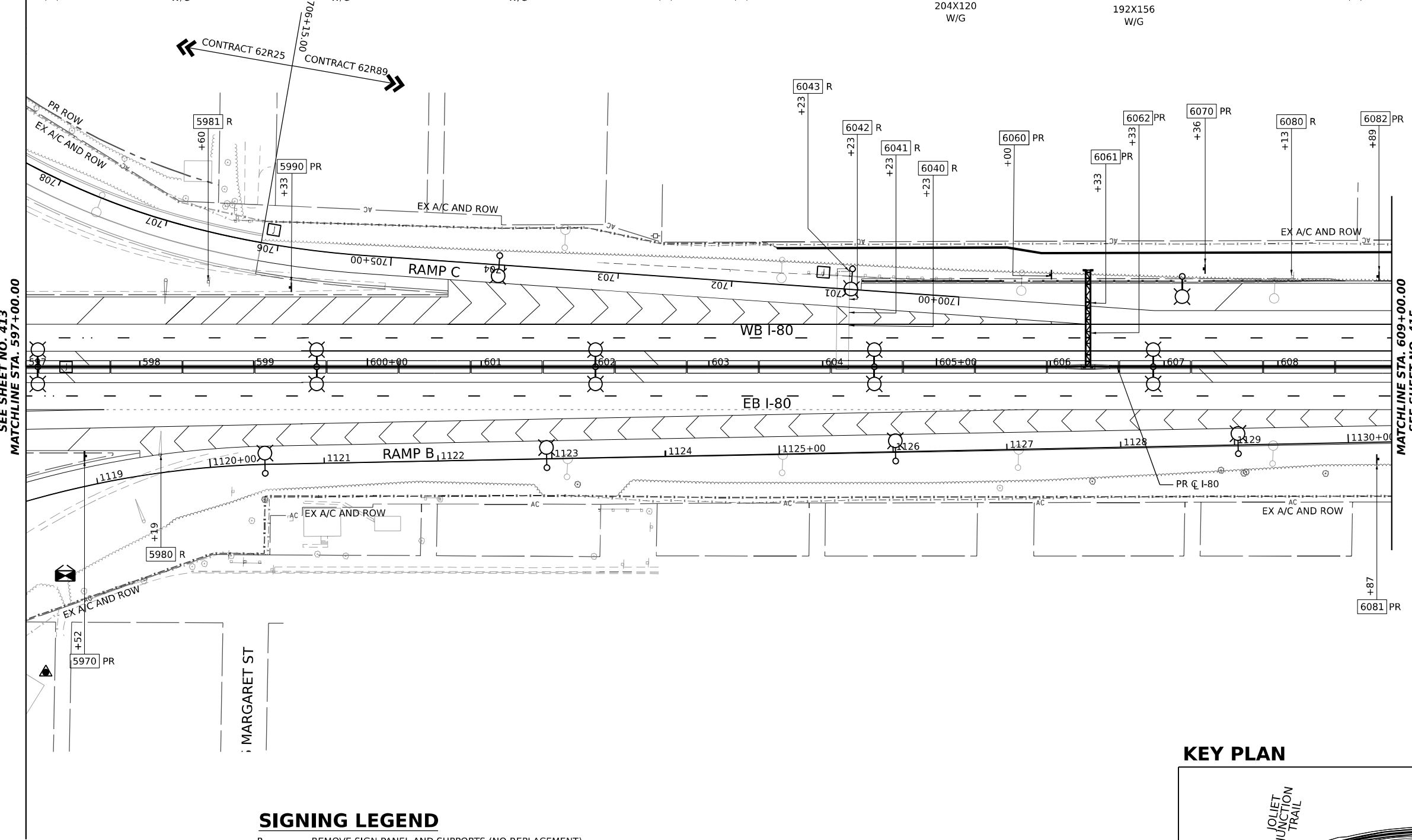
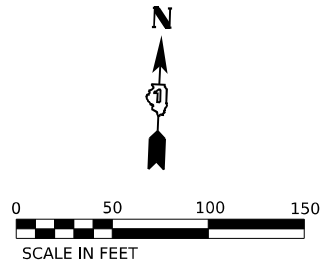
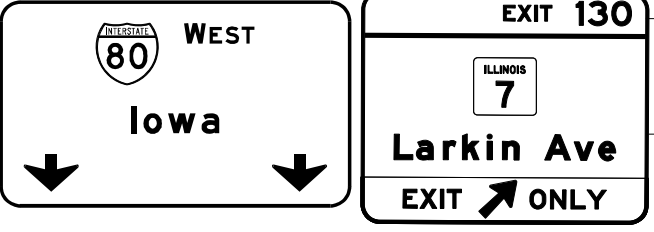
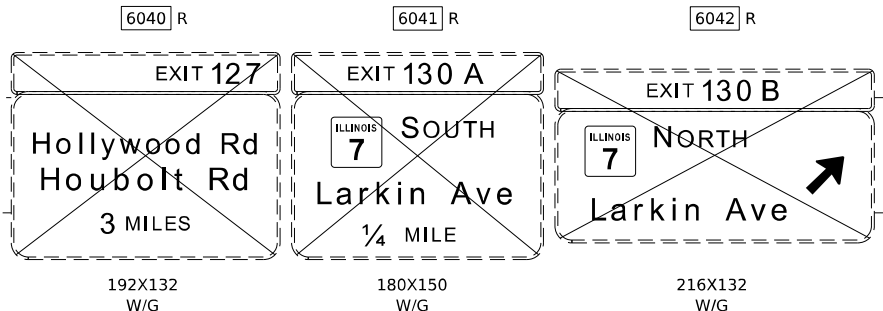


USER NAME = amkluver	DESIGNED - JLS	REVISED -
PLOT SCALE = 0.16666633 1/16"	DRAWN - JLS	REVISED -
PLOT DATE = 10/5/2023	CHECKED - AB	REVISED -
	DATE - 10/6/23	REVISED -

**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

**EXISTING AND PROPOSED SIGNING PLAN**  
**I-80**  
 SCALE: 1"=50'  
 SHEET 7 OF 11 SHEETS STA. 585+00.00 TO STA. 597+00.00

F.A.I. RTE. I-80	SECTION FAI 80 22 BR	COUNTY WILL	TOTAL SHEETS 1201	SHEET NO. 413
			CONTRACT NO. 62R89	
ILLINOIS FED. AID PROJECT				

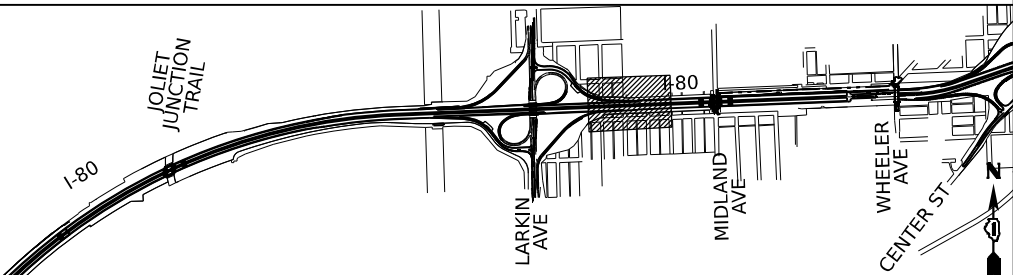


SEE SHEET NO. 413  
MATCHLINE STA. 597+00.00

MATCHLINE STA. 609+00.00  
SEE SHEET NO. 415

**SIGNING LEGEND**  
 R REMOVE SIGN PANEL AND SUPPORTS (NO REPLACEMENT)  
 REM EXISTING SIGN TO REMAIN  
 PR NEW SIGN PANEL AND SUPPORT(S)

**KEY PLAN**



MODEL: C:\PR\_00\_04\_1 - Rm 8 (Sheet)  
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USER NAME = amkluver	DESIGNED - JLS	REVISED -
PLOT SCALE = 0.16666633 1/ in.	DRAWN - JLS	REVISED -
PLOT DATE = 10/5/2023	CHECKED - AB	REVISED -
	DATE - 10/6/23	REVISED -

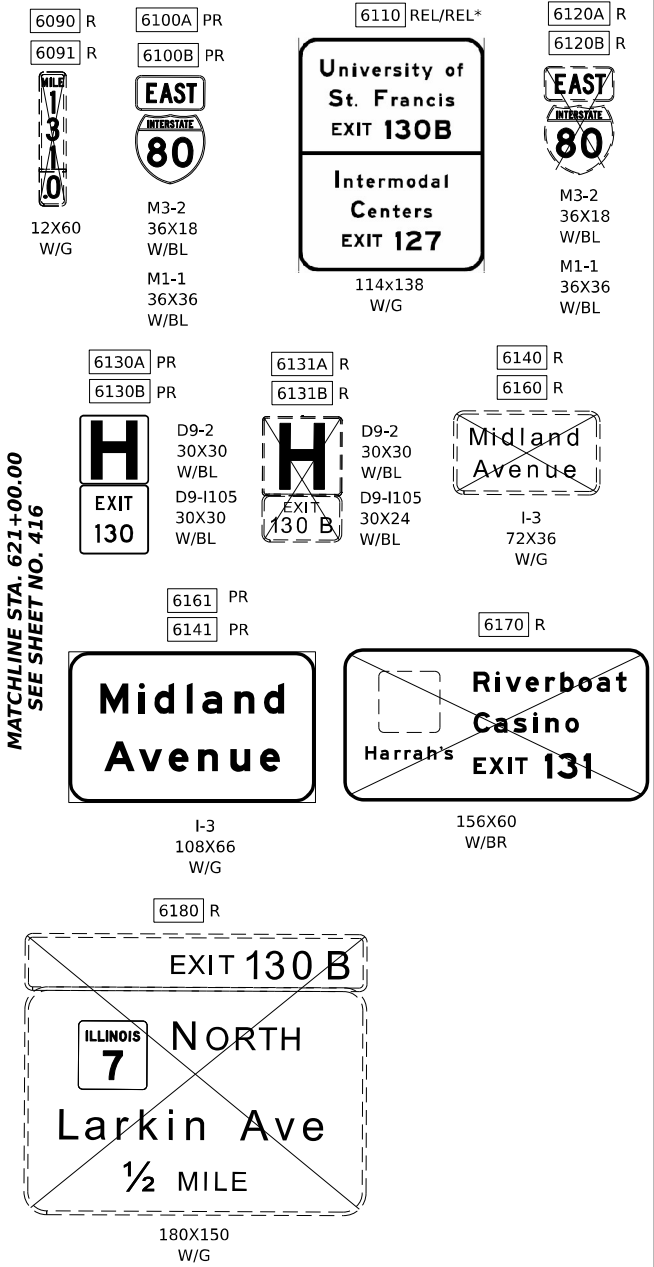
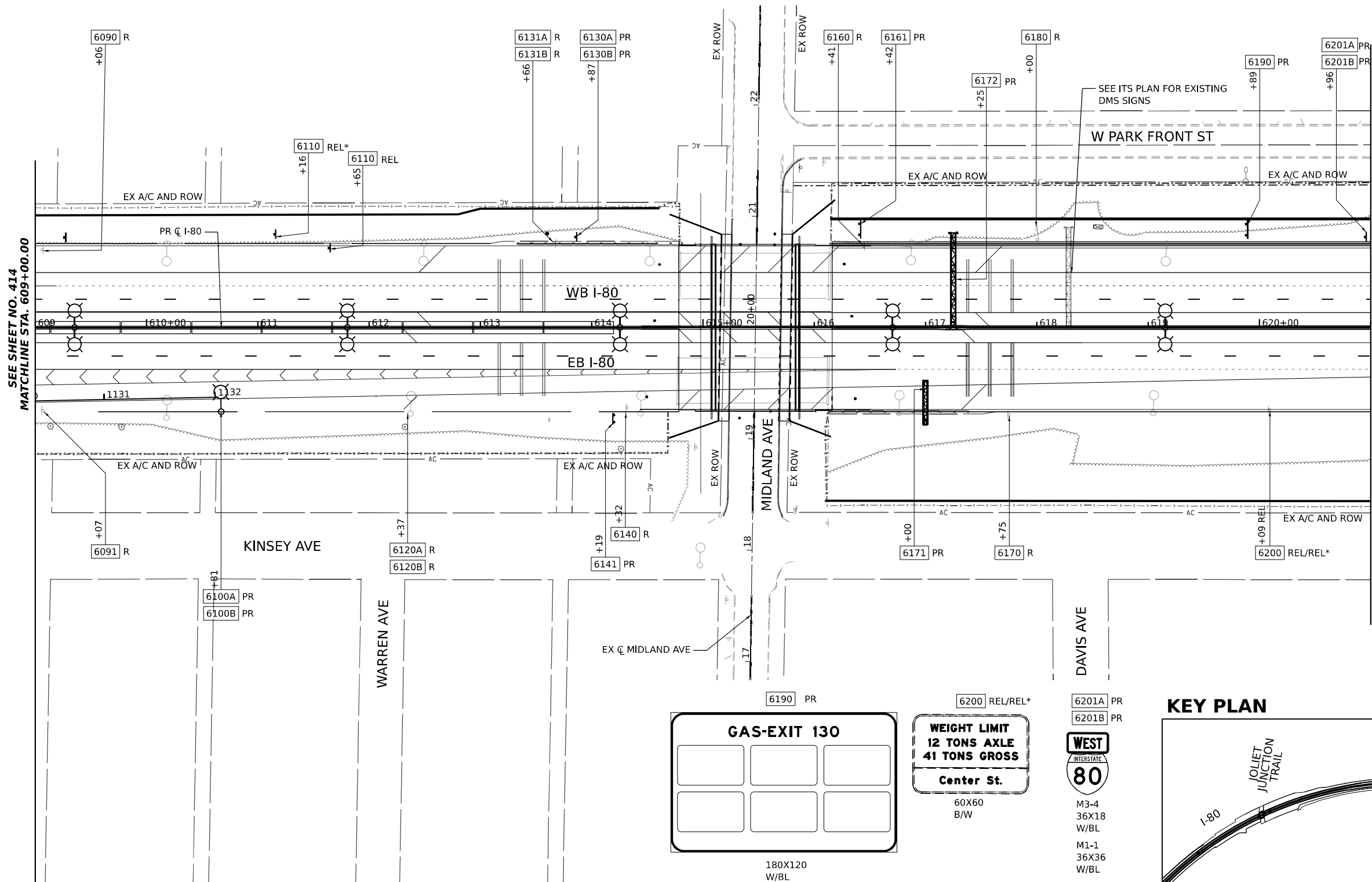
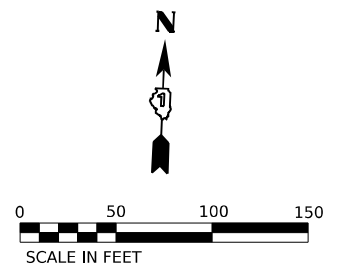
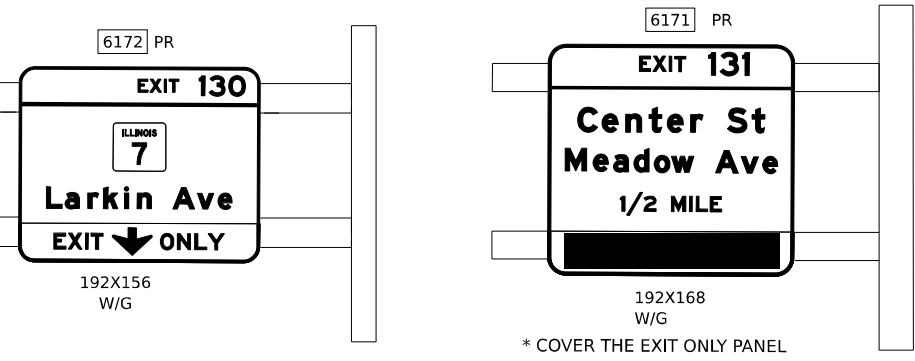
**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**EXISTING AND PROPOSED SIGNING PLAN**  
**I-80**  
 SCALE: 1"=50' SHEET 8 OF 11 SHEETS STA. 597+00.00 TO STA. 609+00.00

F.A.I. RTE. I-80	SECTION FAI 80 22 BR	COUNTY WILL	TOTAL SHEETS 1201	SHEET NO. 414
			CONTRACT NO. 62R89	
ILLINOIS FED. AID PROJECT				

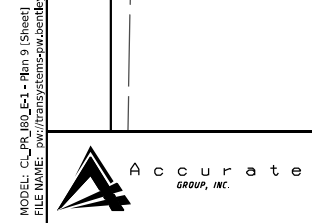
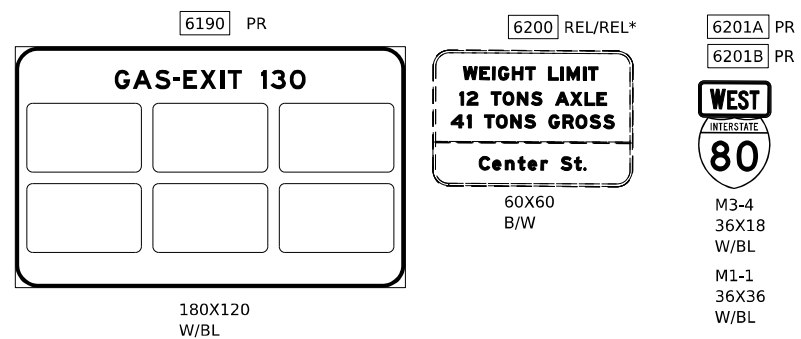
**SIGNING LEGEND**

- R REMOVE SIGN PANEL AND SUPPORTS (NO REPLACEMENT)
- REM EXISTING SIGN TO REMAIN
- PR NEW SIGN PANEL AND SUPPORT(S)
- REL EXISTING SIGN LOCATION (TO RELOCATE)
- REL\* RELOCATE EXISTING SIGN AND ON NEW SUPPORT(S)



SEE SHEET NO. 414  
MATCHLINE STA. 609+00.00

MATCHLINE STA. 621+00.00  
SEE SHEET NO. 416



USER NAME = amkluver	DESIGNED - JLS	REVISED -
PLOT SCALE = 0.16666633 1/1 in.	DRAWN - JLS	REVISED -
PLOT DATE = 10/5/2023	CHECKED - AB	REVISED -
	DATE - 10/6/23	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**EXISTING AND PROPOSED SIGNING PLAN**  
**I-80**

SCALE: 1"=50'      SHEET 9 OF 11 SHEETS      STA. 609+00.00 TO STA. 621+00.00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
I-80	FAI 80 22 BR	WILL	1201	415
CONTRACT NO. 62R89				
ILLINOIS FED. AID PROJECT				

MODEL: C:\IPR\_00\_04\_1 - Rm 10 (Sheet 1)  
 FILE NAME: p:\trans\systems\pwr\checked\Documents\Projects\_2018\CH401180022\02-Trans\Systems\CAD\62289\Sheet19.dwg and Signing\0162889\_Signing\_Sheets

6210 R  
**Off-Track Wagering Facility**  
 EXIT 130 B  
 204X60 W/BR

6211 PR  
**CRASH INVESTIGATION SITE**  
 1/2 MILE  
 48X60 W/BL

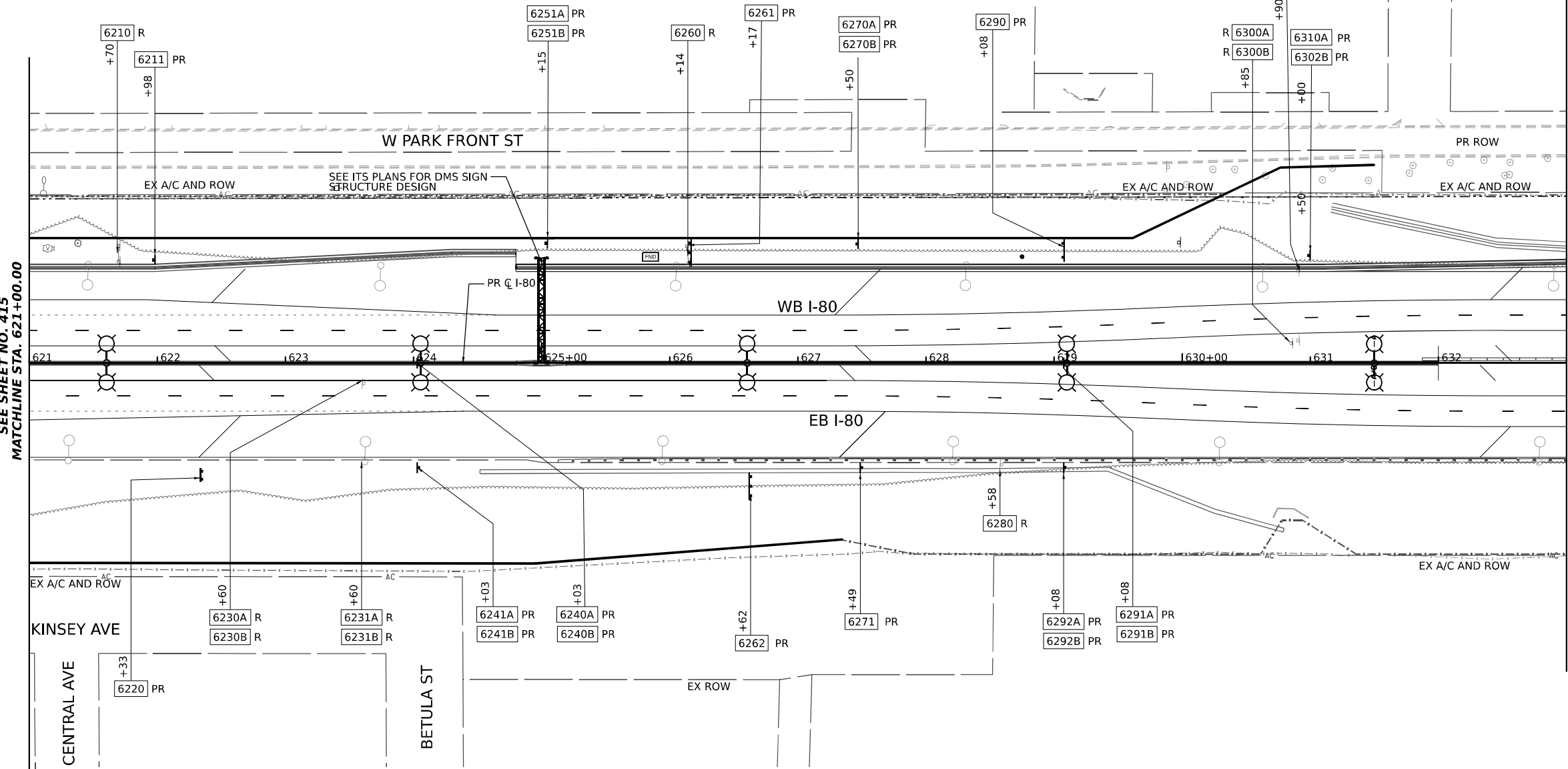
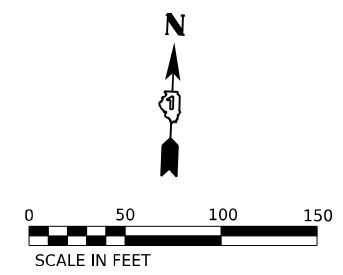
6220 PR  
**Riverboat Casino**  
 Harrah's  
 EXIT 131  
 180X90 W/BR

6230A R 6231A R 6240A PR 6241A PR 6310A PR  
 6230B R 6231B R 6240B PR 6241B PR 6310B PR  
**SPEED LIMIT 65**  
**MINIMUM 45**  
 R2-1 48X60 B/W  
 R2-1102 48X36 B/W

6251A PR 6251B PR  
**SPEED LIMIT 65**  
**MINIMUM 45**  
 R2-1 48X60 B/W  
 R2-1102 48X36 B/W

6251A PR 6251B PR  
**TRUCKS OVER 4 TONS**  
**SPEED LIMIT 60**  
 R2-1109 R2-1

6260 R  
**GAS - EXIT 130 B**  
 SHELL MARATHON  
**GAS - EXIT 130 B**  
 Mobil  
 180X144 W/BL



6261 PR  
**Off-Track Wagering Facility**  
 EXIT 130  
 246X90 W/BR

6262 PR  
**Entering I & M Canal**  
 Nat'l Heritage Corridor  
 246X84 W/BR

6271 PR  
**W1-4**  
 48X48 B/Y

6270A PR 6270B PR  
**EXIT 131**  
**Center St**  
 1/2 MILES  
**INFORMATION**  
 156X132 W/G/BR

6270A PR 6270B PR  
**SPEED LIMIT 65**  
**MINIMUM 45**  
 R2-1 48X60 B/W  
 R2-1102 48X36 B/W

6290 PR  
**FOOD-EXIT 130**  
 240X120 W/BL

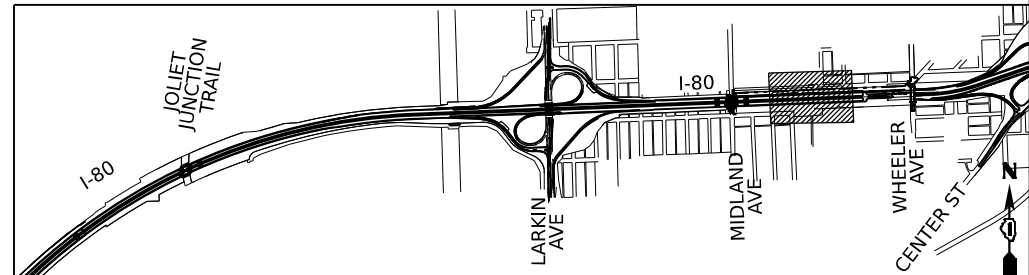
6291A PR 6291B PR 6300A R 6300B R 6301A R 6301B R  
**TRUCKS OVER 4 TONS**  
**SPEED LIMIT 60**  
 R2-1109 48X30 B/W  
 R2-1 48X60 B/W

6291A PR 6291B PR 6300A R 6300B R 6301A R 6301B R  
**SPEED LIMIT 55**  
**MINIMUM 45**  
 R2-1 48X60 B/W  
 R2-1102 48X36 B/W

**SIGNING LEGEND**

R	REMOVE SIGN PANEL AND SUPPORTS (NO REPLACEMENT)
REM	EXISTING SIGN TO REMAIN
PR	NEW SIGN PANEL AND SUPPORT(S)

**KEY PLAN**



USER NAME = amkluver	DESIGNED - JLS	REVISED -
	DRAWN - JLS	REVISED -
PLOT SCALE = 0.16666633 1/16 in.	CHECKED - AB	REVISED -
PLOT DATE = 10/5/2023	DATE - 10/6/23	REVISED -

**STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION**

**EXISTING AND PROPOSED SIGNING PLAN**  
**I-80**  
 SCALE: 1"=50' SHEET 10 OF 11 SHEETS STA. 621+00.00 TO STA. 633+00.00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
I-80	FAI 80 22 BR	WILL	1201	416
CONTRACT NO. 62R89				
ILLINOIS FED. AID PROJECT				

MODEL: C:\IPR\_00\_04\_11\11\Sheet11.dwg  
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 PROJECT: I-80  
 SHEET: 11 OF 11  
 DATE: 10/5/2023



USER NAME = amkluver  
 PLOT SCALE = 0.16666633 1/ in.  
 PLOT DATE = 10/5/2023

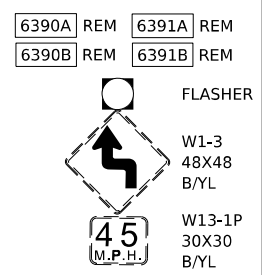
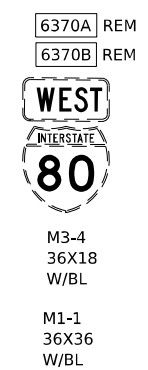
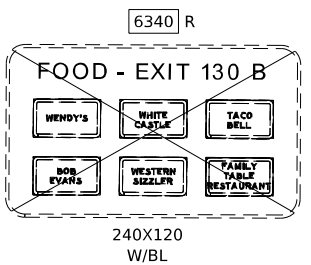
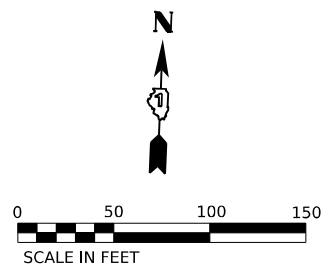
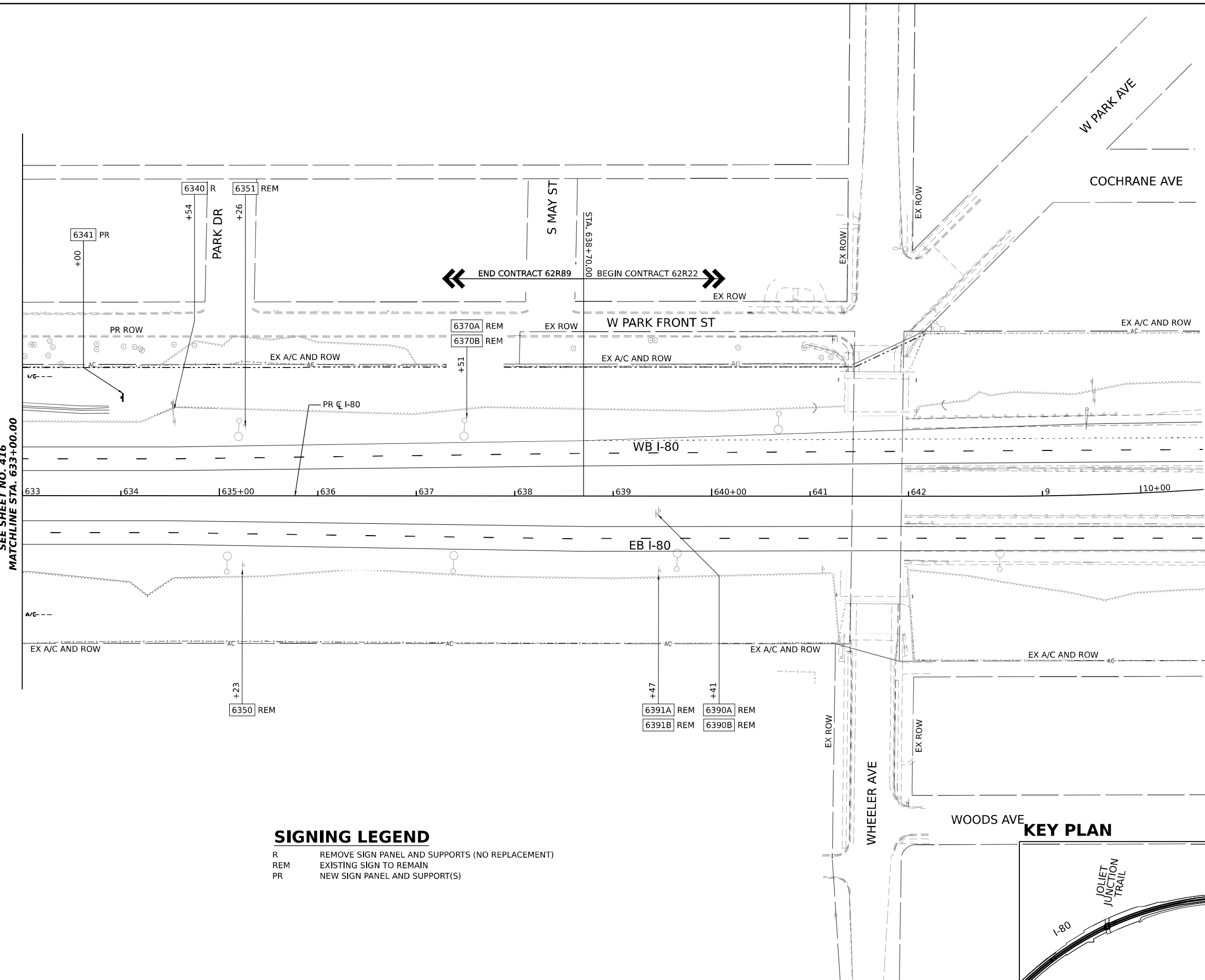
DESIGNED - JLS  
 DRAWN - JLS  
 CHECKED - AB  
 DATE - 10/6/23

REVISED -  
 REVISED -  
 REVISED -  
 REVISED -

**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

**EXISTING AND PROPOSED SIGNING PLAN**  
**I-80**  
 SCALE: 1"=50'  
 SHEET 11 OF 11 SHEETS  
 STA. 633+00.00 TO STA. 634+50.00

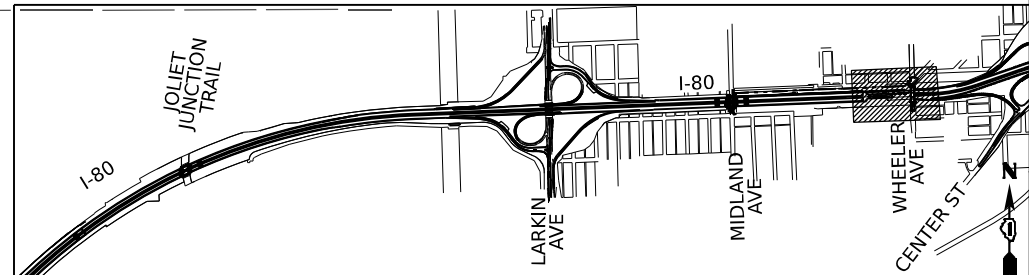
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
I-80	FAI 80 22 BR	WILL	1201	417
CONTRACT NO. 62R89				
ILLINOIS FED. AID PROJECT				



**SIGNING LEGEND**

- R REMOVE SIGN PANEL AND SUPPORTS (NO REPLACEMENT)
- REM EXISTING SIGN TO REMAIN
- PR NEW SIGN PANEL AND SUPPORT(S)

**KEY PLAN**



SIGN DETAIL  
1:50

SIGN NUMBER	5191
WIDTH x HEIGHT	14'-6" x 12'-6"
BORDER WIDTH	2"
CORNER RADIUS	12"
MOUNTING	Ground Mounted
BACKGROUND	TYPE: Reflective - ZZ
	COLOR: Green
LEGENDBORDER	TYPE: Reflective - ZZ
	COLOR: White



5191;  
12.0" Radius, 2.0" Border, White on Green;  
"EXIT", E Mod 2K; "130", E Mod 2K;  
12.0" Radius, 2.0" Border, White on Green;  
"Larkin Ave", E Mod 2K; "1 MILE", E Mod 2K 150% spacing;

Table of widths and spaces

78.1	E	X	I	T	1	3	O	15.0										
7.4	1.4	8.7	2.1	2.0	1.8	7.4	15.0	4.5	2.8	12.2	3.0	12.6	15.0					
69.0	36.0	69.0																
17.6	L	a	r	k	i	n	A	v	e	17.6								
11.9	2.1	10.5	6.4	8.0	3.9	10.5	5.0	3.2	6.4	10.5	16.0	16.2	2.1	12.3	3.2	10.6	17.6	
58.8	1	M	1	L	E	58.8												
4.5	15.0	9.3	4.2	2.0	4.2	7.4	2.4	7.4	58.8									

MODEL: SPD-01  
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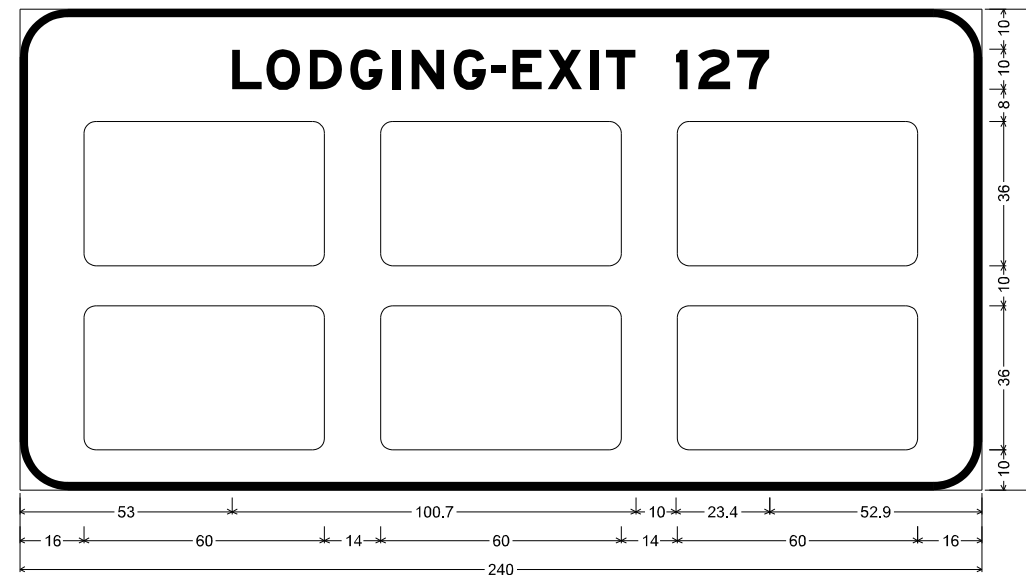
<b>TRANSYSTEMS</b>	USER NAME = amkluver	DESIGNED - VLJ	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>SIGN PANEL DETAILS</b>				F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	PLOT SCALE = 0.16666633 1/ in.	CHECKED - JMG	REVISED -		<b>I-80</b>				I-80	FAI 80 22 BR	WILL	1201	418
	PLOT DATE = 10/5/2023	DATE - 10/6/23	REVISED -		SCALE: NONE    SHEET 1    OF 32 SHEETS    STA.    TO STA.				CONTRACT NO. 62R89				
												ILLINOIS    FED. AID PROJECT	





SIGN DETAIL  
1:50

SIGN NUMBER	5310
WIDTH x HEIGHT	20'-0" x 10'-0"
BORDER WIDTH	2"
CORNER RADIUS	12"
MOUNTING	Ground Mounted
BACKGROUND	TYPE: Reflective - ZZ
	COLOR: Blue
LEGENDBORDER	TYPE: Reflective - ZZ
	COLOR: White



5210;

12.0" Radius, 2.0" Border, White on Blue;

"LODGING-EXIT 127", E Mod 2K; Rounded Rectangle 3.0" Radius; Rounded Rectangle 3.0" Radius;

Rounded Rectangle 3.0" Radius; Rounded Rectangle 3.0" Radius; Rounded Rectangle 3.0" Radius;

Rounded Rectangle 3.0" Radius;

Table of widths and spaces

53.0	L	7.4	1.2	8.4	2.4	8.1	2.0	8.1	2.4	2.0	2.8	8.1	2.4	8.1	1.3	3.5	1.7	7.4	1.4	8.7	2.1	2.0	1.8	7.4
			<b>1</b>		<b>2</b>				<b>7</b>															
		10.0	3.0	2.5	8.1	1.7	8.1	52.9																
16.0		60.0	14.0	60.0	14.0	60.0	16.0																	
16.0		60.0	14.0	60.0	14.0	60.0	16.0																	

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**TRANSYSTEMS**

USER NAME = amkluver	DESIGNED - VLJ	REVISED -
PLOT SCALE = 0.16666633 1/ in.	DRAWN - AMK	REVISED -
PLOT DATE = 10/5/2023	CHECKED - JMG	REVISED -
	DATE - 10/6/23	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

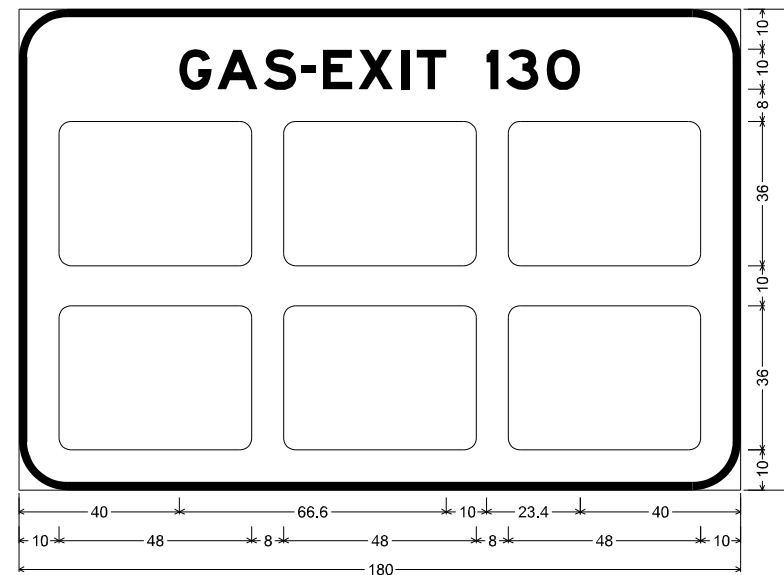
**SIGN PANEL DETAILS  
I-80**

SCALE: NONE SHEET 3 OF 32 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
I-80	FAI 80 22 BR	WILL	1201	420
			CONTRACT NO. 62R89	
			ILLINOIS FED. AID PROJECT	

SIGN DETAIL  
1:50

SIGN NUMBER	5240
WIDTH x HEIGHT	15'-0" x 10'-0"
BORDER WIDTH	2"
CORNER RADIUS	12"
MOUNTING	Ground Mounted
BACKGROUND	TYPE: Reflective - ZZ
	COLOR: Blue
LEGEND/BORDER	TYPE: Reflective - ZZ
	COLOR: White



5240;  
12.0" Radius, 2.0" Border, White on Blue;  
"GAS-EXIT 130", E Mod 2K; Rounded Rectangle 3.0" Radius;  
Rounded Rectangle 3.0" Radius; Rounded Rectangle 3.0" Radius;  
Rounded Rectangle 3.0" Radius; Rounded Rectangle 3.0" Radius;  
Rounded Rectangle 3.0" Radius;

Table of widths and spaces

40.0	G	8.1	1.4	A	10.1	1.5	S	8.1	1.4	-	3.5	1.7	E	7.4	1.4	X	8.7	2.1	I	2.0	1.8	T	7.4
				I	3.0		3	8.1	2.0	O	8.4	40.0											
10.0		48.0	8.0		48.0	8.0		48.0	8.0		48.0	10.0											
10.0		48.0	8.0		48.0	8.0		48.0	8.0		48.0	10.0											

MODEL: SPD-04  
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USER NAME = amkluver	DESIGNED - VLJ	REVISED -
DRAWN - AMK	REVISIONS -	
PLOT SCALE = 0.16666633 1/ in.	CHECKED - JMG	REVISED -
PLOT DATE = 10/5/2023	DATE - 10/6/23	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

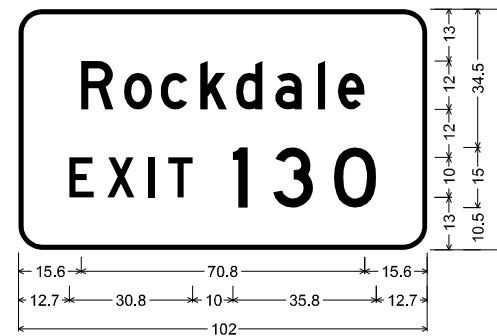
**SIGN PANEL DETAILS  
I-80**

SCALE: NONE    SHEET 4    OF 32    SHEETS    STA.    TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
I-80	FAI 80 22 BR	WILL	1201	421
			CONTRACT NO. 62R89	
ILLINOIS   FED. AID PROJECT				

SIGN DETAIL  
1:50

SIGN NUMBER	5410
WIDTH x HEIGHT	8'-6" x 5'-0"
BORDER WIDTH	1.3"
CORNER RADIUS	6"
MOUNTING	Ground Mounted
BACKGROUND	TYPE: Reflective - ZZ
	COLOR: Green
LEGEND/BORDER	TYPE: Reflective - ZZ
	COLOR: White



5410;  
6.0" Radius, 1.3" Border, White on Green;  
"Rockdale", D: "EXIT 130", D 183% spacing;  
Table of widths and spaces

15.6	R	o	c	k	d	a	i	e	15.6						
8.1	2.6	7.0	2.2	6.7	3.2	6.7	2.2	6.7	3.1	6.7	3.9	1.9	3.1	6.7	15.6
12.7	E	X	I	T	1	3	0	12.7							
6.1	3.4	6.7	3.5	1.5	3.5	6.1	10.0	3.6	6.4	10.1	5.2	10.5	12.7		

MODEL: SPD-05  
FILE NAME: p:\transystems\pw\beutby.com\transystems\comp\pw\_hesed\Documents\Projects\_2018\CI-401\40118002\02-TransSystems\CAD\62R89\_Sign-Panel-Details.dgn



USER NAME = amkluver	DESIGNED - VLJ	REVISED -
PLOT SCALE = 0.16666633 1/ in.	DRAWN - AMK	REVISED -
PLOT DATE = 10/5/2023	CHECKED - JMG	REVISED -
	DATE - 10/6/23	REVISED -

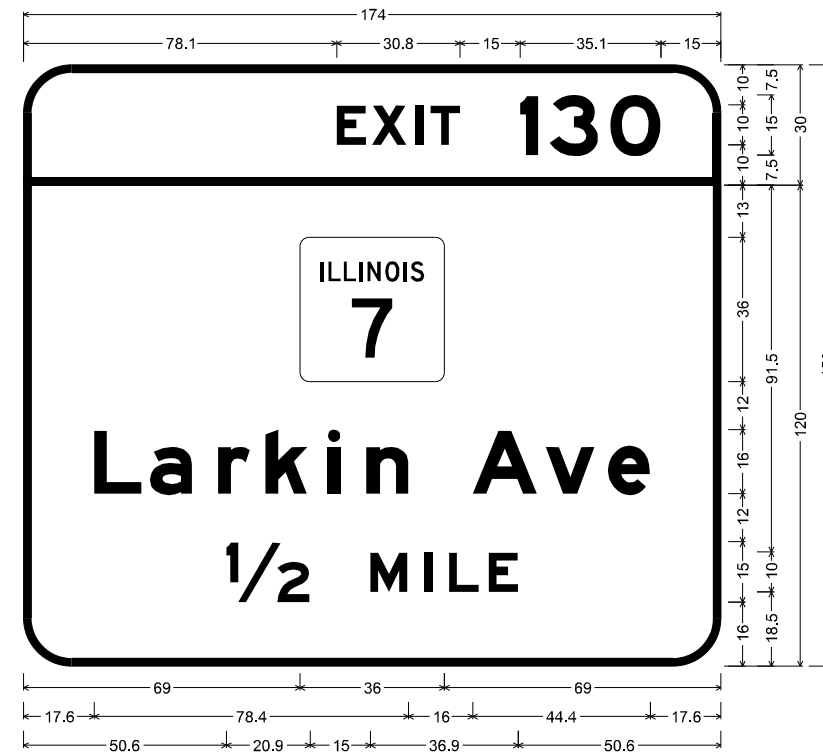
**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

<b>SIGN PANEL DETAILS</b>			
<b>I-80</b>			
SCALE: NONE	SHEET 5	OF 32 SHEETS	STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
I-80	FAI 80 22 BR	WILL	1201	422
CONTRACT NO. 62R89				
ILLINOIS FED. AID PROJECT				

SIGN DETAIL  
1:50

SIGN NUMBER	5450
WIDTH x HEIGHT	14'-6" x 12'-6"
BORDER WIDTH	2"
CORNER RADIUS	12"
MOUNTING	Ground Mounted
BACKGROUND	TYPE: Reflective - ZZ
	COLOR: Green
LEGEND/BORDER	TYPE: Reflective - ZZ
	COLOR: White



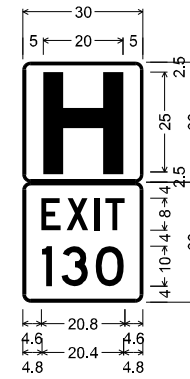
5450:  
12.0" Radius, 2.0" Border, White on Green;  
"EXIT", E Mod 2K; "130", E Mod 2K;  
12.0" Radius, 2.0" Border, White on Green;  
"Larkin Ave", E Mod 2K; "1/2 MILE", E Mod 2K 150% spacing;  
Table of widths and spaces

78.1	E	7.4	X	1.4	8.7	2.1	I	2.0	T	1.8	7.4	15.0	I	4.5	2.8	3	12.2	3.0	O	12.6	15.0					
69.0	T	36.0	69.0																							
17.6	L	11.9	2.1	a	10.5	6.4	r	8.0	3.9	k	10.5	5.0	i	3.2	6.4	n	10.5	A	16.2	2.1	v	12.3	3.2	e	10.6	17.6
50.6	1/2	20.9	15.0	M	9.3	4.2	I	2.0	4.2	L	7.4	2.4	E	7.4	50.6											

MODEL: SPD-06  
 FILE NAME: p:\transystems\pwbentley.com\transystems\comp\pw\_bentley\Documents\Projects\_2018\C401401180022\02-TransSystems\CAD\62R89\Sheet7.rvt and Signing\0162R89\_SHT-Sign-Panel-Details.dgn

SIGN DETAIL  
1:50

SIGN NUMBER	5491A, 5491B
WIDTH x HEIGHT	2'-6" x 2'-6"
BORDER WIDTH	2"
CORNER RADIUS	10"
MOUNTING	Ground Mounted
BACKGROUND	TYPE: Reflective - ZZ
	COLOR: Blue
LEGENDBORDER	TYPE: Reflective - ZZ
	COLOR: White



5491A; 5491B;  
1.9" Radius, 0.8" Border, White on Blue;  
"H", E Mod;

Rest Area Gore Sign;  
1.9" Radius, 0.8" Border, White on Blue;  
"EXIT", D;  
"130", D;

Table of widths and spaces

H		5.0	
5.0	20.0	5.0	
E	X	I	T
4.6	4.8	1.5	5.4
1.5	5.4	1.5	1.3
1.5	1.3	1.5	4.8
4.6			4.6
I	3	0	
4.8	2.4	2.4	6.7
			1.9
			7.0
			4.8

MODEL: SPD-07  
 FILE NAME: p:\transystems\pw\beutby.com\transystems\comp\pw\_hosted\Documents\Projects\_2018\CI-401\401180022\02-TransSystems\CAD\62R89\Sheets\19-PM\_and\_Signing\0162R89\_SHT-Sign-Panel-Details.dgn



USER NAME = amkluver	DESIGNED - VLJ	REVISED -
PLOT SCALE = 0.16666633 1/ in.	DRAWN - AMK	REVISED -
PLOT DATE = 10/5/2023	CHECKED - JMG	REVISED -
	DATE - 10/6/23	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

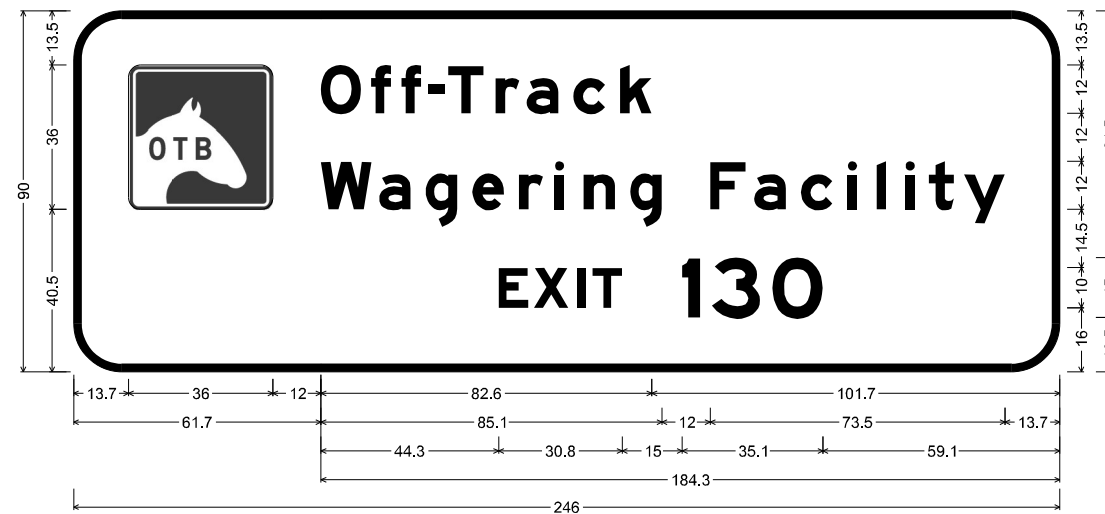
**SIGN PANEL DETAILS  
I-80**

SCALE: NONE SHEET 7 OF 32 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
I-80	FAI 80 22 BR	WILL	1201	424
			CONTRACT NO. 62R89	
		ILLINOIS	FED. AID PROJECT	

SIGN DETAIL  
1:50

SIGN NUMBER	5512
WIDTH x HEIGHT	20'-6" x 7'-6"
BORDER WIDTH	2"
CORNER RADIUS	12"
MOUNTING	Ground Mounted
BACKGROUND	TYPE: Reflective - ZZ
	COLOR: Brown
LEGENDBORDER	TYPE: Reflective - ZZ
	COLOR: White



5512:

12.0" Radius, 2.0" Border, White on Brown;  
Rounded Rectangle 3.0" Radius; " " , E Mod 2K;

12.0" Radius, 2.0" Border, White on Brown;  
"Off-Track", E Mod 2K; "Wagering Facility", E Mod 2K; "EXIT", E Mod 2K 120% spacing; "130", E Mod 2K;

Table of widths and spaces

13.7	36.0	196.3								
61.7	O	f	f	-	T	r	a	c	k	101.7
61.7	W	a	g	e	r	i	n	g		
12.0	F	a	c	i	l	i	t	y	10.2	13.7
106.0	E	X	I	T	1	3	O	59.1		

MODEL: SPD-08  
FILE NAME: p:\transystems\pw\beut\transystems\comp\pw\_hesed\Documents\Projects\_2018\CI-401\401.180022\02-TransSystems\CAD\62R89\Sheet19.dgn and Signing\0162R89\_SHT-Sign-Panel-Details.dgn

**TRANSYSTEMS**

USER NAME = amkluver	DESIGNED - VLJ	REVISED -
PLOT SCALE = 0.16666633 1/ in.	DRAWN - AMK	REVISED -
PLOT DATE = 10/5/2023	CHECKED - JMG	REVISED -
	DATE - 10/6/23	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**SIGN PANEL DETAILS  
I-80**

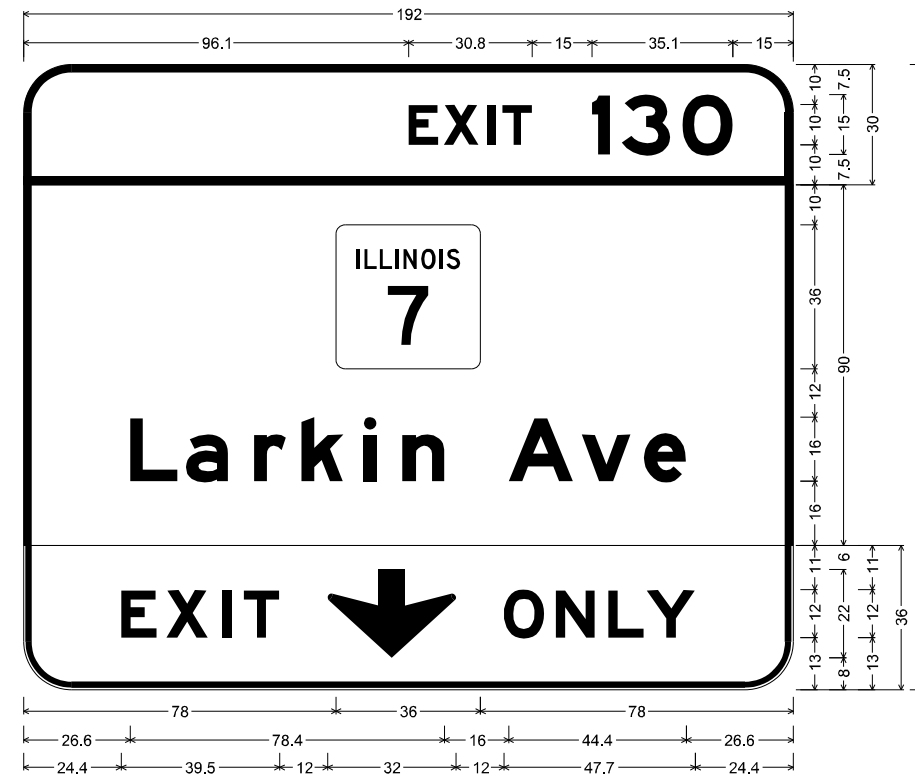
SCALE: NONE SHEET 8 OF 32 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
I-80	FAI 80 22 BR	WILL	1201	425
CONTRACT NO. 62R89				
ILLINOIS FED. AID PROJECT				

SIGN DETAIL  
1:50

SIGN NUMBER	5570
WIDTH x HEIGHT	16'-0" x 13'-0"
BORDER WIDTH	2"
CORNER RADIUS	12"
MOUNTING	Overhead
BACKGROUND	TYPE: Reflective - ZZ
	COLOR: Green / Yellow
LEGEND/BORDER	TYPE: Reflective - ZZ
	COLOR: White / Black

NOTE: COVER EXIT ONLY PANEL



5570;  
 12.0" Radius, 2.0" Border, White on Green;  
 "EXIT", E Mod 2K; "130", E Mod 2K;  
 12.0" Radius, 2.0" Border, White on Green;  
 "Larkin Ave", E Mod 2K;  
 12.0" Radius, 1.5" Border, 0.5" Indent, Black on Yellow;  
 "EXIT", E Mod 2K 140% spacing; Down Arrow 22.0" 270"; "ONLY", E Mod 2K;  
 Table of widths and spaces

E	X	I	T	1	3	O								
96.1	7.4	1.4	8.7	2.1	2.0	1.8	7.4	15.0	4.5	2.8	12.2	3.0	12.6	15.0

78.0	36.0	78.0
------	------	------

L	a	r	k	i	n	A	v	e										
26.6	11.9	2.1	10.5	6.4	8.0	3.9	10.5	5.0	3.2	6.4	10.5	16.0	16.2	2.1	12.3	3.2	10.6	26.6

E	X	I	T	↓	O	N	L	Y										
24.4	8.8	2.4	10.4	3.6	2.4	3.0	8.9	12.0	32.0	12.0	10.1	2.8	9.8	3.3	8.9	0.7	12.1	24.4

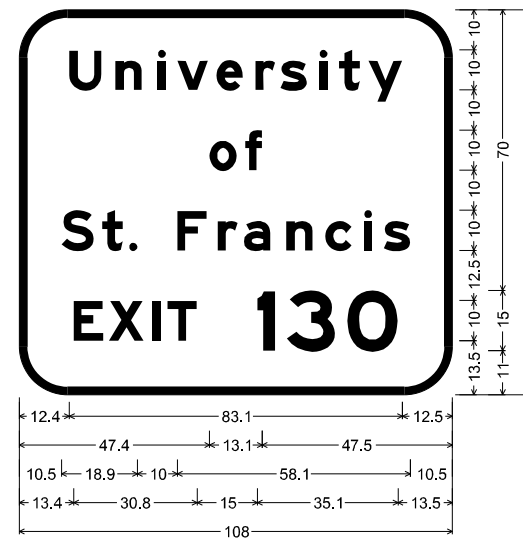
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	USER NAME = amkluver	DESIGNED - VLJ	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SIGN PANEL DETAILS				F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
	PLOT SCALE = 0.16666633 1/ in.	CHECKED - JMG	REVISED -		SCALE: NONE	SHEET 9	OF 32 SHEETS	STA.	TO STA.	I-80	FAI 80 22 BR	WILL	1201	426
	PLOT DATE = 10/5/2023	DATE - 10/6/23	REVISED -						CONTRACT NO. 62R89		ILLINOIS   FED. AID PROJECT			



SIGN DETAIL  
1:50

SIGN NUMBER	5632
WIDTH x HEIGHT	9'-0" x 8'-0"
BORDER WIDTH	2"
CORNER RADIUS	12"
MOUNTING	Ground Mounted
BACKGROUND	TYPE: Reflective - ZZ
	COLOR: Green
LEGENDBORDER	TYPE: Reflective - ZZ
	COLOR: White



5632;  
12.0" Radius, 2.0" Border, White on Green;  
"University", E Mod 2K; "of", E Mod 2K;  
"St. Francis", E Mod 2K;  
"EXIT", E Mod 2K 120% spacing; "130", E Mod 2K;

Table of widths and spaces

U	12.4	8.1	3.4	6.6	4.0	2.0	2.9	7.7	2.0	6.7	3.0	5.0	1.3	6.7	3.0	2.0	2.9	5.2	2.1	8.5	12.5
o	47.4	6.8	2.1	4.2	47.5																
S	10.5	8.1	2.0	5.2	1.6	2.0															
F	10.0	7.4	2.7	5.0	1.5	6.6	4.0	6.6	3.1	6.6	3.1	2.0	2.9	6.6	10.5						
E	13.4	7.4	1.4	8.7	2.1	2.0	1.8	7.4													
I	15.0	4.5	2.8	12.2	3.0	12.6	13.5														

MODEL: SPD-10  
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**TRANSYSTEMS**

USER NAME = amkluver	DESIGNED - VLJ	REVISED -
PLOT SCALE = 0.16666633 1/ in.	DRAWN - AMK	REVISED -
PLOT DATE = 10/5/2023	CHECKED - JMG	REVISED -
	DATE - 10/6/23	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

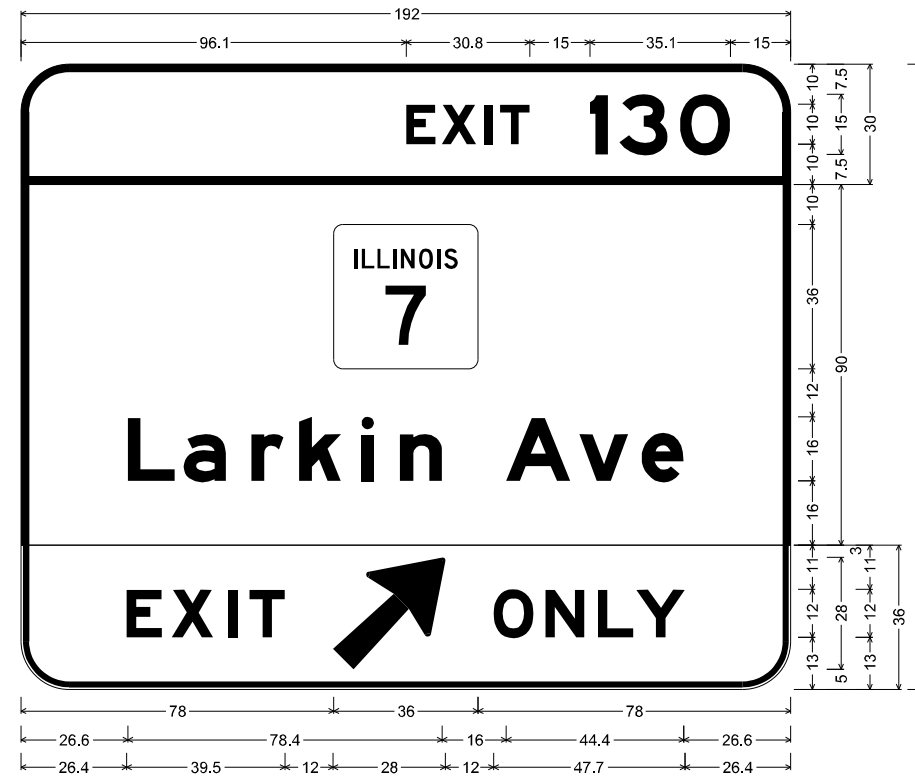
**SIGN PANEL DETAILS  
I-80**

SCALE: NONE SHEET 10 OF 32 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
I-80	FAI 80 22 BR	WILL	1201	427
			CONTRACT NO. 62R89	
			ILLINOIS FED. AID PROJECT	

SIGN DETAIL  
1:50

SIGN NUMBER	5725
WIDTH x HEIGHT	16'-0" x 13'-0"
BORDER WIDTH	2"
CORNER RADIUS	12"
MOUNTING	Overhead
BACKGROUND	TYPE: Reflective - ZZ
	COLOR: Green / Yellow
LEGEND/BORDER	TYPE: Reflective - ZZ
	COLOR: White / Black



5725;

12.0" Radius, 2.0" Border, White on Green;  
"EXIT", E Mod 2K; "130", E Mod 2K;

12.0" Radius, 2.0" Border, White on Green;  
"Larkin Ave", E Mod 2K;

12.0" Radius, 1.5" Border, 0.5" Indent, Black on Yellow;  
"EXIT", E Mod 2K 140% spacing; Arrow Custom - 35.7" 45"; "ONLY", E Mod 2K;

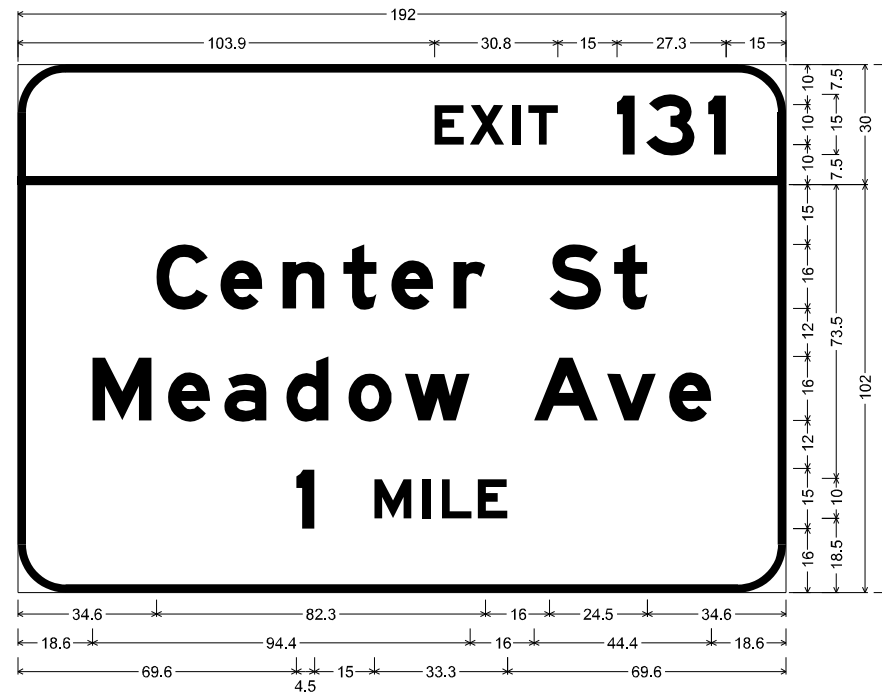
Table of widths and spaces

96.1	E	7.4	1.4	X	8.7	2.1	I	2.0	1.8	T	7.4	15.0	4.5	2.8	3	12.2	3.0	O	12.6	15.0						
78.0		36.0	78.0																							
26.6	L	11.9	2.1	a	10.5	6.4	r	8.0	3.9	k	10.5	5.0	3.2	6.4	n	10.5	16.0	A	16.2	2.1	v	12.3	3.2	e	10.6	26.6
26.4	E	8.8	2.4	X	10.4	3.6	I	2.4	3.0	T	8.9	12.0	28.0	12.0	O	10.1	2.8	N	9.8	3.3	L	8.9	0.7	Y	12.1	26.4

MODEL: SPD-11  
 FILE NAME: p:\transystems\pwbentby.com\transystems\pwbentby.com\transystems\CAD\62R89\Drawings\19-PM and Signing\0162R89\_SHT-Sign-Panel-Details.dgn

SIGN DETAIL  
1:50

SIGN NUMBER	5726
WIDTH x HEIGHT	16'-0" x 11'-0"
BORDER WIDTH	2"
CORNER RADIUS	12"
MOUNTING	Overhead
BACKGROUND	TYPE: Reflective - ZZ
	COLOR: Green
LEGENDBORDER	TYPE: Reflective - ZZ
	COLOR: White



5726;

12.0" Radius, 2.0" Border, White on Green;  
"EXIT", E Mod 2K 120% spacing; "131", E Mod 2K;

12.0" Radius, 2.0" Border, White on Green;  
"Center St", E Mod 2K; "Meadow Ave", E Mod 2K; "1 MILE", E Mod 2K;

Table of widths and spaces

103.9	E	7.4	1.4	X	8.7	2.1	I	2.0	1.8	T	7.4	15.0	4.5	2.9	3	12.1	3.3	4.5	15.0								
34.6	C	13.0	3.0	e	10.6	5.0	n	10.5	4.7	t	8.3	3.7	e	10.5	5.0	r	8.0	16.0	S	12.9	3.2	t	8.4	34.6			
18.6	M	14.9	4.0	e	10.6	3.5	a	10.6	4.9	d	10.6	4.9	o	10.9	3.2	w	16.3	16.0	A	16.2	2.1	v	12.3	3.2	e	10.6	18.6
69.6	I	4.5	15.0	M	9.3	2.8	I	2.0	2.8	L	7.4	1.6	E	7.4	69.6												

MODEL: SPD-12  
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USER NAME = amkluver	DESIGNED - VLJ	REVISED -
PLOT SCALE = 0.16666633 1/ in.	DRAWN - AMK	REVISED -
PLOT DATE = 10/5/2023	CHECKED - JMG	REVISED -
	DATE - 10/6/23	REVISED -

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

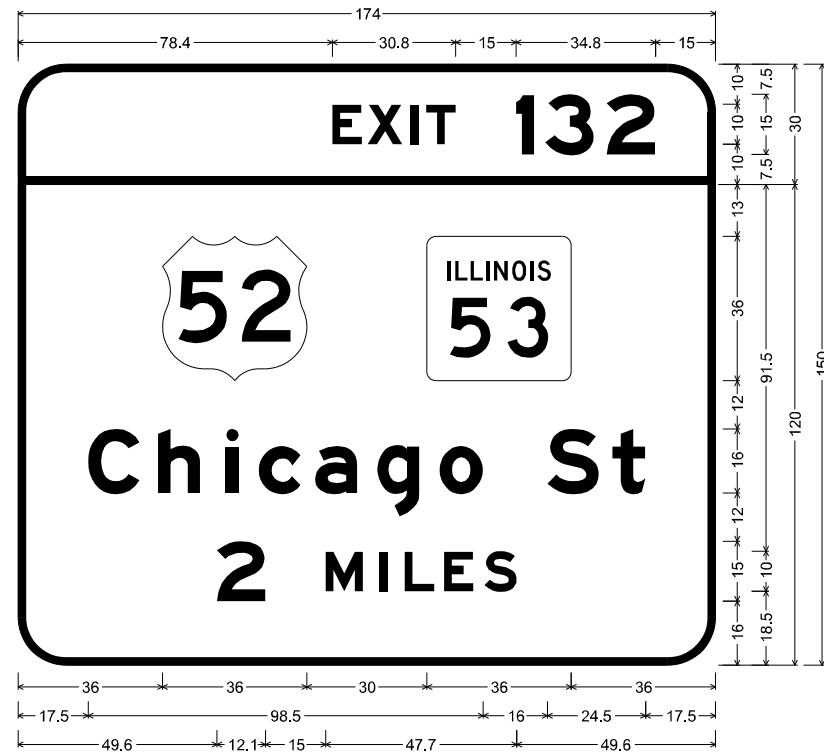
SIGN PANEL DETAILS  
I-80

SCALE: NONE SHEET 12 OF 32 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
I-80	FAI 80 22 BR	WILL	1201	429
CONTRACT NO. 62R89				
ILLINOIS FED. AID PROJECT				

SIGN DETAIL  
1:50

SIGN NUMBER	5727
WIDTH x HEIGHT	14'-6" x 12'-6"
BORDER WIDTH	2"
CORNER RADIUS	12"
MOUNTING	Overhead
BACKGROUND	TYPE: Reflective - ZZ
	COLOR: Green
LEGENDBORDER	TYPE: Reflective - ZZ
	COLOR: White



5727:

12.0" Radius, 2.0" Border, White on Green;  
"EXIT 132", E Mod 2K;

12.0" Radius, 2.0" Border, White on Green;  
"Chicago St", E Mod 2K; "2 MILES", E Mod 2K specified length;

Table of widths and spaces

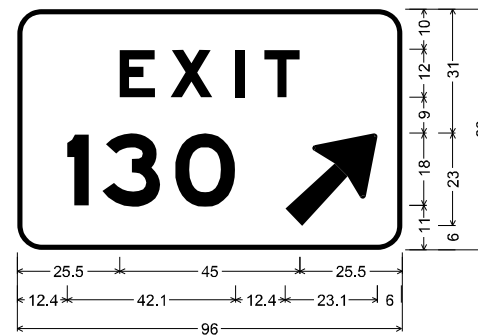
78.4	E	X	I	T	1	3	2	15.0									
7.4	1.4	8.7	2.1	2.0	1.8	7.4	15.0	4.5	2.9	12.1	3.2	12.1	15.0				
36.0	36.0	30.0	36.0	36.0													
17.5	C	h	i	c	a	g	o	S	t	17.5							
12.9	4.5	10.6	6.4	3.2	4.9	10.6	3.5	10.6	4.9	10.6	5.0	10.8	16.0	13.0	3.2	8.3	17.5
49.6	2	M	I	L	E	S	49.6										
12.1	15.0	9.3	4.2	2.0	4.2	7.4	2.4	7.4	2.7	8.1	49.6						

MODEL: SPD-13  
 FILE NAME: p:\transystems\pwbentley.com\transystems\comp\pw\_bentley.com\transystems\CAD\62R89\Sheet13.dwg and Signing\DI62R89\_SHT-13.dwg

	USER NAME = amkluver	DESIGNED - VLJ	REVISED -	<b>STATE OF ILLINOIS</b> <b>DEPARTMENT OF TRANSPORTATION</b>	<b>SIGN PANEL DETAILS</b> <b>I-80</b>				F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	PLOT SCALE = 0.16666633 1/ in.	CHECKED - JMG	REVISED -						I-80	FAI 80 22 BR	WILL	1201	430
	PLOT DATE = 10/5/2023	DATE - 10/6/23	REVISED -		SCALE: NONE	SHEET 13	OF 32 SHEETS	STA.	TO STA.	CONTRACT NO. 62R89		ILLINOIS	FED. AID PROJECT

SIGN DETAIL  
1:50

SIGN NUMBER	5792
WIDTH x HEIGHT	8'-0" x 5'-0"
BORDER WIDTH	1.25"
CORNER RADIUS	6"
MOUNTING	Ground Mounted
BACKGROUND	TYPE: Reflective - ZZ
	COLOR: Green
LEGENDBORDER	TYPE: Reflective - ZZ
	COLOR: White



5792;  
6.0" Radius, 1.25" Border, White on Green;  
"EXIT", E Mod 2K 225% spacing;  
"130", E Mod 2K; Arrow Custom - 29.3" 45";  
Table of widths and spaces

25.5	E	8.9	3.8	X	10.4	5.7	I	2.4	4.9	T	8.9	25.5
12.4	1	5.4	3.4	3	14.6	3.6	0	15.1	12.4	↗	23.1	6.0

MODEL: SPD-14  
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USER NAME = amkluver	DESIGNED - VLJ	REVISED -
PLOT SCALE = 0.16666633 1/ in.	DRAWN - AMK	REVISED -
PLOT DATE = 10/5/2023	CHECKED - JMG	REVISED -
	DATE - 10/6/23	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

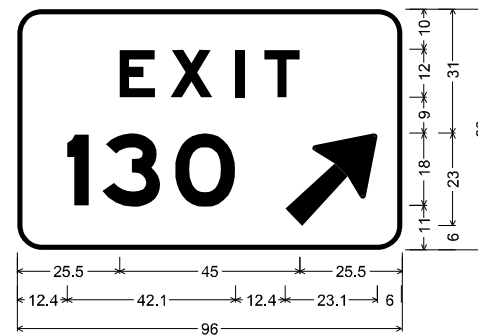
**SIGN PANEL DETAILS  
I-80**

SCALE: NONE    SHEET 14    OF 32    SHEETS    STA.    TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
I-80	FAI 80 22 BR	WILL	1201	431
			CONTRACT NO. 62R89	
			ILLINOIS FED. AID PROJECT	

SIGN DETAIL  
1:50

SIGN NUMBER	5990
WIDTH x HEIGHT	8'-0" x 5'-0"
BORDER WIDTH	1.25"
CORNER RADIUS	6"
MOUNTING	Ground Mounted
BACKGROUND	TYPE: Reflective - ZZ
	COLOR: Green
LEGENDBORDER	TYPE: Reflective - ZZ
	COLOR: White



5990;  
6.0" Radius, 1.25" Border, White on Green;  
"EXIT", E Mod 2K 225% spacing;  
"130", E Mod 2K; Arrow Custom - 29.3" 45";  
Table of widths and spaces

25.5	E	8.9	3.8	X	10.4	5.7	I	2.4	4.9	T	8.9	25.5
12.4	1	5.4	3.4	3	14.6	3.6	0	15.1	12.4	23.1	6.0	

MODEL: SPD-15  
 FILE NAME: p:\transystems\pwr\beutby.com\transystems\comp\pw-hosted\Documents\Projects\_2018\CI-401\401180022\02-TransSystems\CAD\62R89\_Sign\_Panels\Details.dgn



USER NAME = amkluver	DESIGNED - VLJ	REVISED -
PLOT SCALE = 0.16666633 1/ in.	DRAWN - AMK	REVISED -
PLOT DATE = 10/5/2023	CHECKED - JMG	REVISED -
	DATE - 10/6/23	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

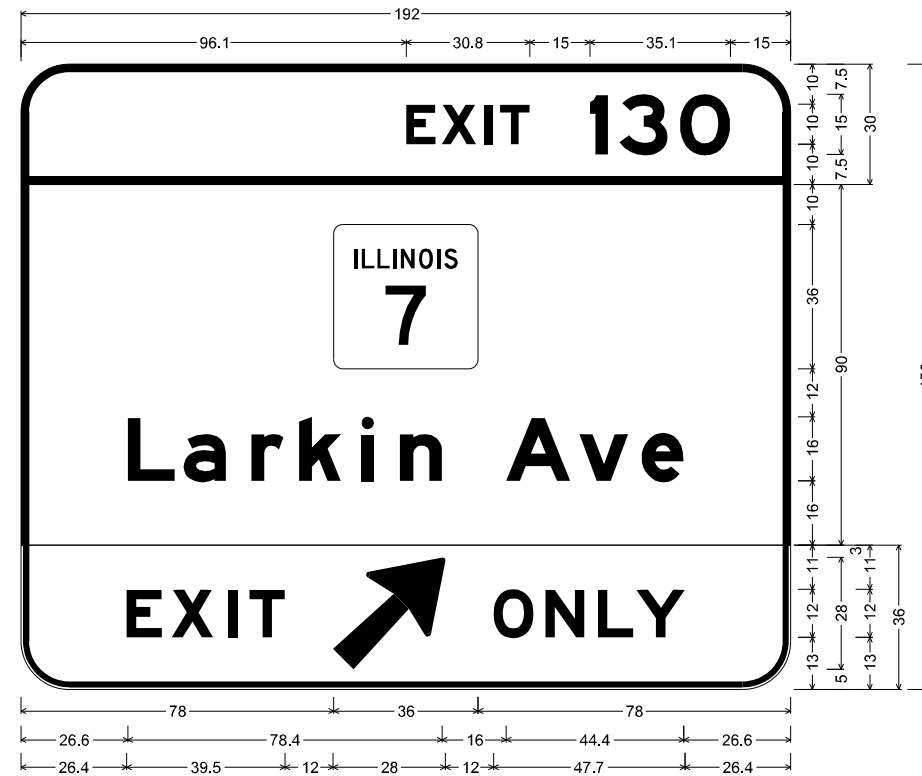
**SIGN PANEL DETAILS  
I-80**

SCALE: NONE      SHEET 15      OF 32      SHEETS      STA.      TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
I-80	FAI 80 22 BR	WILL	1201	432
			CONTRACT NO. 62R89	
			ILLINOIS FED. AID PROJECT	

SIGN DETAIL  
1:50

SIGN NUMBER	6061
WIDTH x HEIGHT	16'-0" x 13'-0"
BORDER WIDTH	2"
CORNER RADIUS	12"
MOUNTING	Overhead
BACKGROUND	TYPE: Reflective - ZZ
	COLOR: Green / Yellow
LEGENDBORDER	TYPE: Reflective - ZZ
	COLOR: White / Black



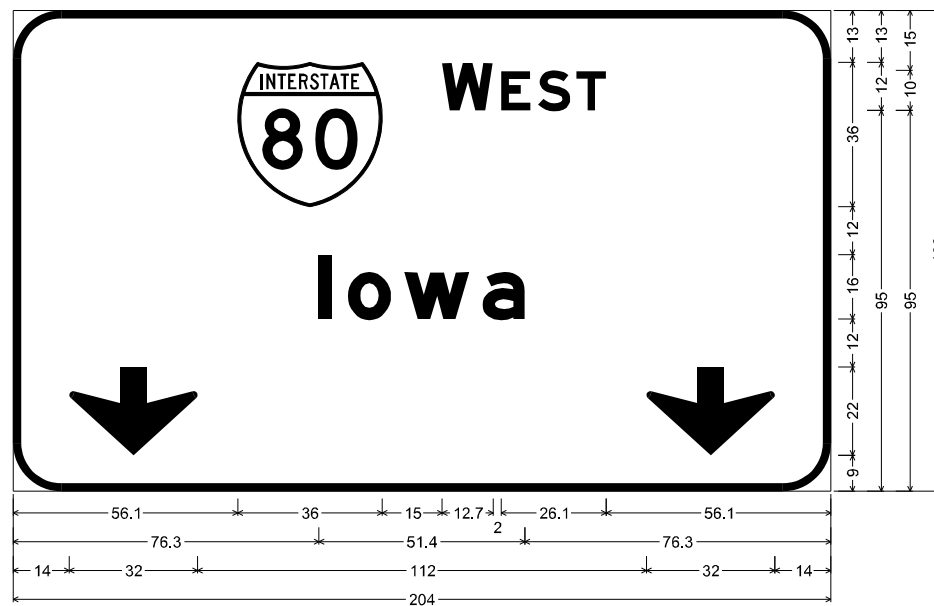
6061;  
 12.0" Radius, 2.0" Border, White on Green;  
 "EXIT", E Mod 2K; "130", E Mod 2K;  
 12.0" Radius, 2.0" Border, White on Green;  
 "Larkin Ave", E Mod 2K;  
 12.0" Radius, 1.5" Border, 0.5" Indent, Black on Yellow;  
 "EXIT", E Mod 2K 140% spacing; Arrow Custom - 35.7" 45"; "ONLY", E Mod 2K;  
 Table of widths and spaces

96.1	E	7.4	1.4	X	8.7	2.1	I	2.0	1.8	T	7.4	15.0	4.5	2.8	3	12.2	3.0	O	12.6	15.0						
78.0		36.0	78.0																							
26.6	L	11.9	2.1	a	10.5	6.4	r	8.0	3.9	k	10.5	5.0	3.2	6.4	n	10.5	16.0	A	16.2	2.1	v	12.3	3.2	e	10.6	26.6
26.4	E	8.8	2.4	X	10.4	3.6	I	2.4	3.0	T	8.9	12.0	28.0	12.0	O	10.1	2.8	N	9.8	3.3	L	8.9	0.7	Y	12.1	26.4

MODEL: SPD-16  
 FILE NAME: p:\transystems\pwr\beetby.com\transystems\pwr\beetby.com\transystems\CAD\62R89\Drawings\19-PM and Signing\0162R89\_SHT-Sign-Panel-Details.dgn

SIGN DETAIL  
1:50

SIGN NUMBER	6062
WIDTH x HEIGHT	17'-0" x 10'-0"
BORDER WIDTH	2"
CORNER RADIUS	12"
MOUNTING	Overhead
BACKGROUND	TYPE: Reflective - ZZ
	COLOR: Green
LEGENDBORDER	TYPE: Reflective - ZZ
	COLOR: White



6062;  
12.0" Radius, 2.0" Border, White on Green;  
"WEST", E Mod 2K; "Iowa", E Mod 2K; Down Arrow 22.0" 270°; Down Arrow 22.0" 270°;  
Table of widths and spaces

56.1	36.0	15.0	12.7	2.0	7.4	1.7	8.1	1.5	7.4	56.1
76.3	3.2	4.0	10.9	3.2	16.3	3.2	10.6	76.3		
14.0	32.0	112.0	32.0	14.0						

MODEL: SPD-17  
FILE NAME: p:\transystems\pw\beutby.com\transystems\comp\pw\_hosted\Documents\Projects\_2018\CI-401\401180022\02-TransSystems\CAD\62R89\62R89\_SHT-Sign-Panel-Details.dgn

**TRANSYSTEMS**

USER NAME = amkluver	DESIGNED - VLJ	REVISED -
PLOT SCALE = 0.16666633 1/ in.	DRAWN - AMK	REVISED -
PLOT DATE = 10/5/2023	CHECKED - JMG	REVISED -
	DATE - 10/6/23	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**SIGN PANEL DETAILS  
I-80**

SCALE: NONE SHEET 17 OF 32 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
I-80	FAI 80 22 BR	WILL	1201	434
			CONTRACT NO. 62R89	
			ILLINOIS FED. AID PROJECT	



SIGN DETAIL  
1:50

SIGN NUMBER	6110 EXISTING SIGN TO RELOCATE
WIDTH x HEIGHT	9'-6" x 11'-6"
BORDER WIDTH	NA
CORNER RADIUS	NA
MOUNTING	Ground Mounted
BACKGROUND	TYPE: Reflective - NA
	COLOR: Green
LEGEND/BORDER	TYPE: Reflective - NA
	COLOR: White



MODEL: SPD-38  
 FILE NAME: \\pvttransystemsppw.bentley.com\transystemsppw-hosted\Documents\Projects\_2018\C401401180022\02-TransSystems\CAD\62R89\Signs\19-PM and Signing\DI62R89\_Sign-St-Francis-Centers.dgn

**TRANSYSTEMS**

USER NAME = amkluver	DESIGNED - VLJ	REVISED -
PLOT SCALE = 0.16666633 1/ in.	DRAWN - AMK	REVISED -
PLOT DATE = 10/5/2023	CHECKED - JMG	REVISED -
	DATE - 10/6/23	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

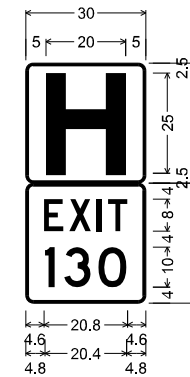
**SIGN PANEL DETAILS  
I-80**

SCALE: NONE SHEET 18 OF 32 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
I-80	FAI 80 22 BR	WILL	1201	435
CONTRACT NO. 62R89				
		ILLINOIS   FED. AID PROJECT		

SIGN DETAIL  
1:50

SIGN NUMBER	6130A, 6130B
WIDTH x HEIGHT	2'-6" x 2'-6"
BORDER WIDTH	2"
CORNER RADIUS	10"
MOUNTING	Ground Mounted
BACKGROUND	TYPE: Reflective - ZZ
	COLOR: Blue
LEGENDBORDER	TYPE: Reflective - ZZ
	COLOR: White



6130A; 6130B;  
1.9" Radius, 0.8" Border, White on Blue;  
"H", E Mod;

Rest Area Gore Sign;  
1.9" Radius, 0.8" Border, White on Blue;  
"EXIT", D;  
"130", D;

Table of widths and spaces

	H								
5.0	20.0	5.0							
4.6	E	4.8	1.5	X	5.4	1.5	1.3	1.5	T
4.8	4.8	2.4	2.4	6.7	1.9	7.0	4.8		

MODEL: SPD-10  
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USER NAME = amkluver	DESIGNED - VLJ	REVISED -
PLOT SCALE = 0.16666633 1/ in.	DRAWN - AMK	REVISED -
PLOT DATE = 10/5/2023	CHECKED - JMG	REVISED -
	DATE - 10/6/23	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

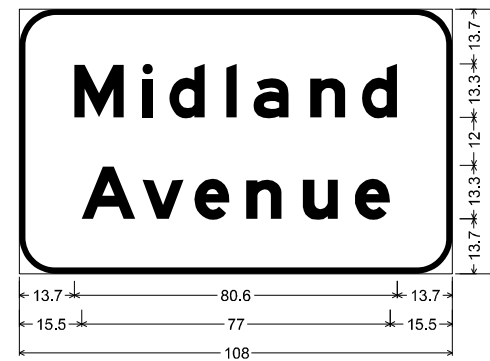
**SIGN PANEL DETAILS  
I-80**

SCALE: NONE      SHEET 19      OF 32      SHEETS      STA.      TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
I-80	FAI 80 22 BR	WILL	1201	436
			CONTRACT NO. 62R89	
		ILLINOIS	FED. AID PROJECT	

SIGN DETAIL  
1:50

SIGN NUMBER	6141, 6161
WIDTH x HEIGHT	9'-0" x 5'-6"
BORDER WIDTH	1.5"
CORNER RADIUS	9"
MOUNTING	Ground Mounted
BACKGROUND	TYPE: Reflective - ZZ
	COLOR: Green
LEGENDBORDER	TYPE: Reflective - ZZ
	COLOR: White



6141; 6161;  
9.0" Radius, 1.5" Border, White on Green;  
"Midland", E Mod 2K; "Avenue", E Mod 2K;  
Table of widths and spaces

13.7	M	12.4	4.6	2.6	4.2	8.8	5.3	2.7	4.1	8.8	5.3	8.8	4.2	8.8	13.7
15.5	A	13.5	1.7	10.3	2.7	8.8	4.1	8.8	5.3	8.8	4.2	8.8	15.5		

MODEL: SPD-20  
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USER NAME = amkluver	DESIGNED - VLJ	REVISED -
DRAWN - AMK	REVISIED -	
PLOT SCALE = 0.16666633 1/ in.	CHECKED - JMG	REVISED -
PLOT DATE = 10/5/2023	DATE - 10/6/23	REVISED -

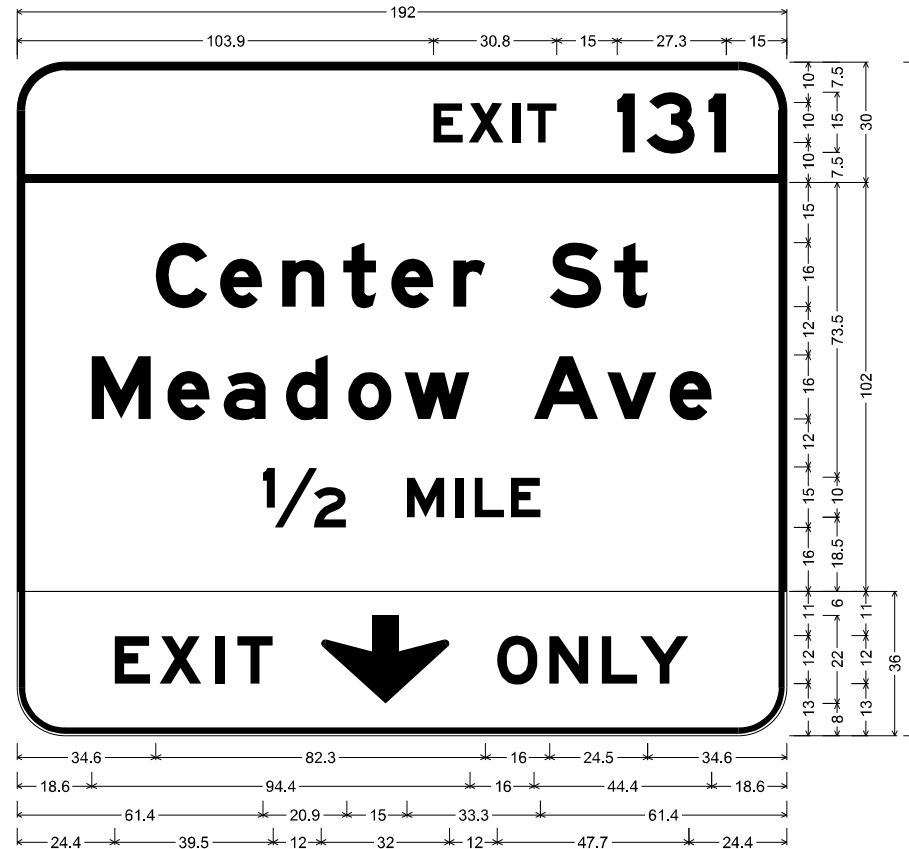
**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

<b>SIGN PANEL DETAILS</b>			
<b>I-80</b>			
SCALE: NONE	SHEET 20	OF 32 SHEETS	STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
I-80	FAI 80 22 BR	WILL	1201	437
			CONTRACT NO. 62R89	
		ILLINOIS	FED. AID PROJECT	

SIGN DETAIL  
1:50

SIGN NUMBER	6171
WIDTH x HEIGHT	16'-0" x 14'-0"
BORDER WIDTH	2"
CORNER RADIUS	12"
MOUNTING	Overhead
BACKGROUND	TYPE: Reflective - ZZ
	COLOR: Green / Yellow
LEGEND/BORDER	TYPE: Reflective - ZZ
	COLOR: White / Black



6171;

12.0" Radius, 2.0" Border, White on Green;  
"EXIT 131", E Mod 2K;

12.0" Radius, 2.0" Border, White on Green;  
"Center St", E Mod 2K; "Meadow Ave", E Mod 2K; "1/2 MILE", E Mod 2K;

12.0" Radius, 1.5" Border, 0.5" Indent, Black on Yellow;  
"EXIT", E Mod 2K 140% spacing; Down Arrow 22.0" 270"; "ONLY", E Mod 2K;

Table of widths and spaces

103.9	E	7.4	1.4	X	8.7	2.1	2.0	I	1.8	T	7.4	15.0	I	4.5	2.9	3	12.1	3.3	4.5	15.0							
34.6	C	13.0	3.0	e	10.6	5.0	n	10.5	4.7	t	8.3	3.7	e	10.5	5.0	r	8.0	16.0	S	12.9	3.2	8.4	34.6				
18.6	M	14.9	4.0	e	10.6	3.5	a	10.6	4.9	d	10.6	4.9	o	10.9	3.2	w	16.3	16.0	A	16.2	2.1	v	12.3	3.2	e	10.6	18.6
61.4	1/2	20.9	15.0	M	9.3	2.8	I	2.0	2.8	L	7.4	1.6	E	7.4	61.4												
24.4	E	8.8	2.4	X	10.4	3.6	I	2.4	3.0	T	8.9	12.0	↓	32.0	12.0	O	10.1	2.8	N	9.8	3.3	L	8.9	0.7	Y	12.1	24.4

MODEL: SPD-01  
FILE NAME: p:\transystems\pwbentby.com\transystems\pwbentby.com\transystems\CAD\62289\62289\62289\62289\_Sign-Panel-Details.dgn

**TRANSYSTEMS**

USER NAME = amkluver	DESIGNED - VLJ	REVISED -
PLOT SCALE = 0.16666633 1/ in.	DRAWN - AMK	REVISED -
PLOT DATE = 10/5/2023	CHECKED - JMG	REVISED -
	DATE - 10/6/23	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

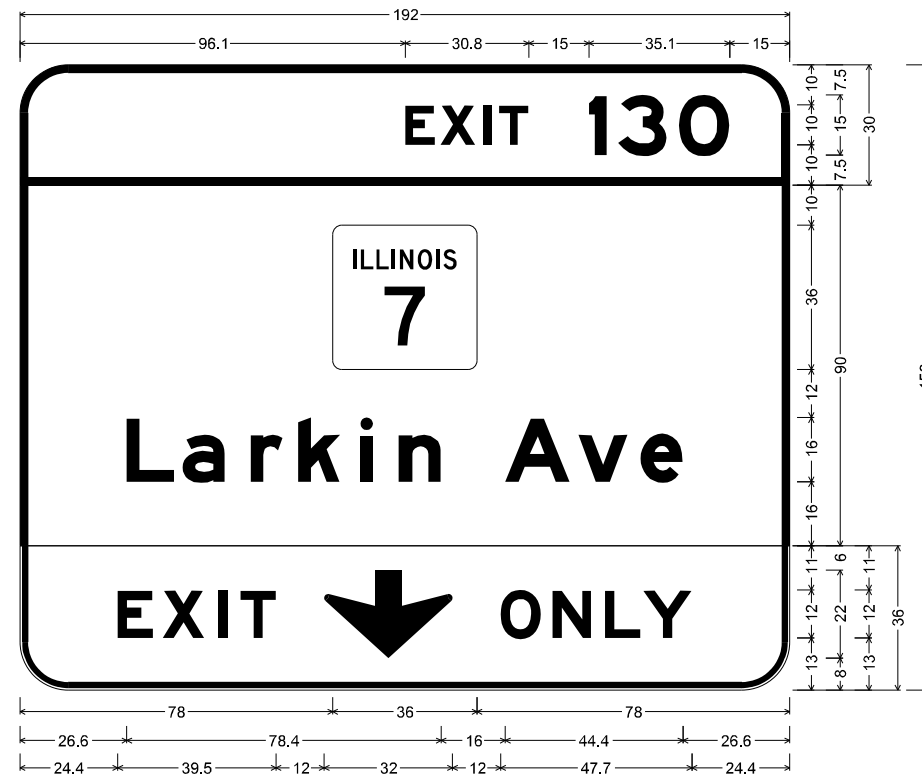
**SIGN PANEL DETAILS  
I-80**

SCALE: NONE SHEET 21 OF 32 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
I-80	FAI 80 22 BR	WILL	1201	438
CONTRACT NO. 62R89			ILLINOIS FED. AID PROJECT	

SIGN DETAIL  
1:50

SIGN NUMBER	6172
WIDTH x HEIGHT	16'-0" x 13'-0"
BORDER WIDTH	2"
CORNER RADIUS	12"
MOUNTING	Overhead
BACKGROUND	TYPE: Reflective - ZZ
	COLOR: Green / Yellow
LEGEND/BORDER	TYPE: Reflective - ZZ
	COLOR: White / Black



6172;

12.0" Radius, 2.0" Border, White on Green;  
"EXIT", E Mod 2K; "130", E Mod 2K;

12.0" Radius, 2.0" Border, White on Green;  
"Larkin Ave", E Mod 2K;

12.0" Radius, 1.5" Border, 0.5" Indent, Black on Yellow;  
"EXIT", E Mod 2K 140% spacing; Down Arrow 22.0" 270"; "ONLY", E Mod 2K;  
Table of widths and spaces

96.1	E	7.4	X	1.4	8.7	I	2.0	1.8	T	7.4	15.0	I	4.5	2.8	3	12.2	3.0	O	12.6	15.0						
78.0	T	36.0	78.0																							
26.6	L	11.9	a	2.1	10.5	r	6.4	8.0	3.9	10.5	5.0	i	3.2	6.4	n	10.5	16.0	A	16.2	2.1	v	12.3	3.2	e	10.6	26.6
24.4	E	8.8	X	2.4	10.4	I	3.6	2.4	3.0	8.9	12.0	↕	32.0	12.0	O	10.1	2.8	N	9.8	3.3	L	8.9	0.7	Y	12.1	24.4

MODEL: SPD-23  
FILE NAME: p:\transystems\pwbentby.com\transystems\pwbentby\Documents\Projects\_2018\CI-401\401180022\02-TransSystems\CAD\62R89\Sheets\19-PM and Signing\DI62R89\_SHT-Sign-Panel-Details.dgn

**TRANSYSTEMS**

USER NAME = amkluver	DESIGNED - VLJ	REVISED -
PLOT SCALE = 0.16666633 1/ in.	DRAWN - AMK	REVISED -
PLOT DATE = 10/5/2023	CHECKED - JMG	REVISED -
	DATE - 10/6/23	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

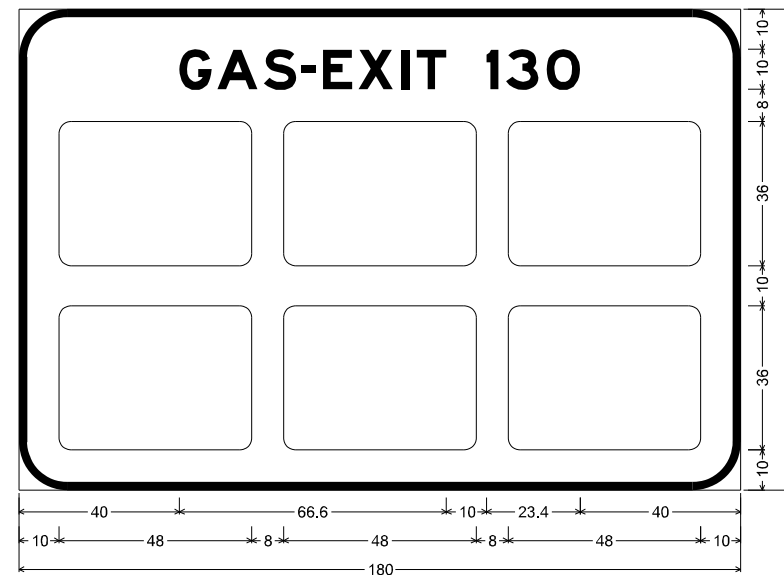
**SIGN PANEL DETAILS  
I-80**

SCALE: NONE SHEET 22 OF 32 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
I-80	FAI 80 22 BR	WILL	1201	439
			CONTRACT NO. 62R89	
ILLINOIS FED. AID PROJECT				

SIGN DETAIL  
1:50

SIGN NUMBER	6190
WIDTH x HEIGHT	15'-0" x 10'-0"
BORDER WIDTH	2"
CORNER RADIUS	12"
MOUNTING	Ground Mounted
BACKGROUND	TYPE: Reflective - ZZ
	COLOR: Blue
LEGEND/BORDER	TYPE: Reflective - ZZ
	COLOR: White



6190;  
12.0" Radius, 2.0" Border, White on Blue;  
"GAS-EXIT 130", E Mod 2K; Rounded Rectangle 3.0" Radius;  
Rounded Rectangle 3.0" Radius; Rounded Rectangle 3.0" Radius;  
Rounded Rectangle 3.0" Radius; Rounded Rectangle 3.0" Radius;  
Rounded Rectangle 3.0" Radius;

Table of widths and spaces

40.0	G	8.1	1.4	A	10.1	1.5	S	8.1	1.4	-	3.5	1.7	E	7.4	1.4	X	8.7	2.1	I	2.0	1.8	T	7.4
				I	3.0		3	8.1	2.0	O	8.4	40.0											
10.0		48.0	8.0		48.0	8.0		48.0	8.0		48.0	10.0											
10.0		48.0	8.0		48.0	8.0		48.0	8.0		48.0	10.0											

MODEL: SPD-23  
FILE NAME: p:\transystems\pw\beetby.com\transystems\comp\pw\_hosted\Documents\Projects\_2018\CH401\401180022\02-TransSystems\CAD\62R89\Sheet19.dwg and Signing\DI62R89\_SHT-Sign-Panel-Details.dgn



USER NAME = amkluver	DESIGNED - VLJ	REVISED -
DRAWN - AMK	REVISIONS -	
PLOT SCALE = 0.16666633 1/ in.	CHECKED - JMG	REVISED -
PLOT DATE = 10/5/2023	DATE - 10/6/23	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

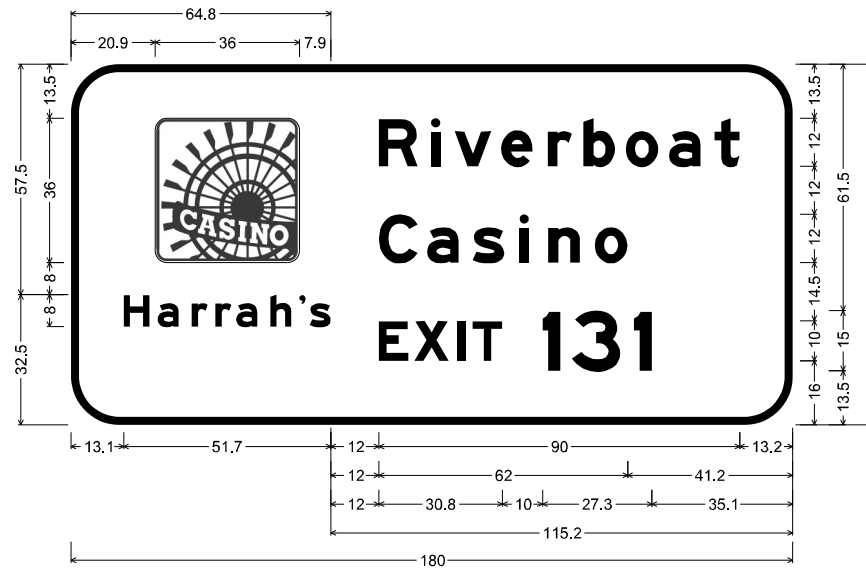
**SIGN PANEL DETAILS  
I-80**

SCALE: NONE    SHEET 23    OF 32    SHEETS    STA.    TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
I-80	FAI 80 22 BR	WILL	1201	440
			CONTRACT NO. 62R89	
		ILLINOIS	FED. AID PROJECT	

SIGN DETAIL  
1:50

SIGN NUMBER	6220
WIDTH x HEIGHT	15'-0" x 7'-6"
BORDER WIDTH	2"
CORNER RADIUS	12"
MOUNTING	Ground Mounted
BACKGROUND	TYPE: Reflective - ZZ
	COLOR: Brown
LEGEND/BORDER	TYPE: Reflective - ZZ
	COLOR: White



6220:

12.0" Radius, 2.0" Border, White on Brown;  
Rounded Rectangle 3.0" Radius;

12.0" Radius, 2.0" Border, White on Brown;  
"Harrah's", E Mod 2K;

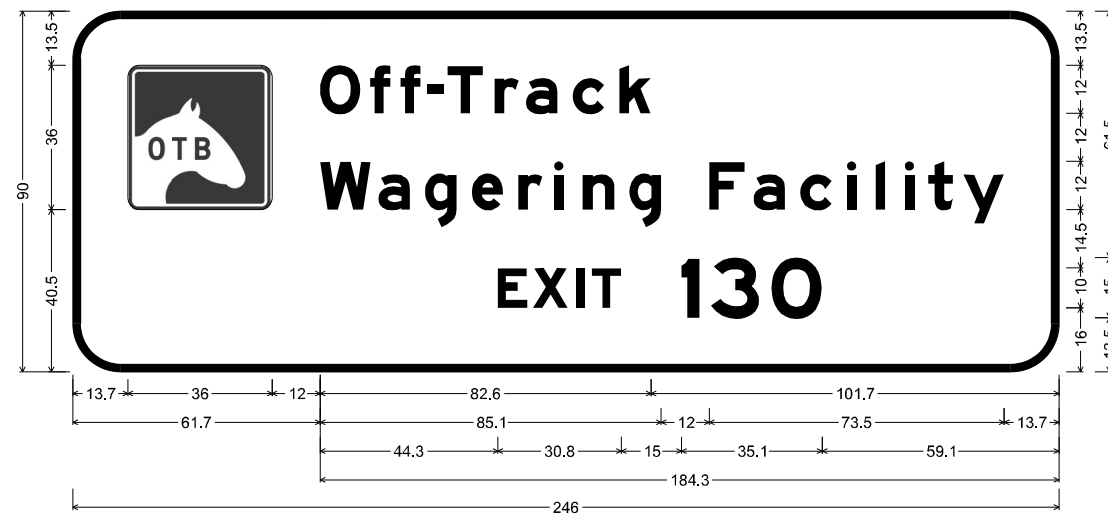
12.0" Radius, 2.0" Border, White on Brown;  
"Riverboat", E Mod 2K; "Casino", E Mod 2K; "EXIT", E Mod 2K 120% spacing; "131", E Mod 2K;  
Table of widths and spaces

20.9	36.0	123.1																
<b>H</b>	<b>a</b>	<b>r</b>	<b>r</b>	<b>a</b>	<b>h</b>	<b>.</b>	<b>s</b>											
13.1	6.5	2.0	5.3	3.2	4.0	1.9	4.0	1.2	5.3	3.2	5.3	1.9	1.6	1.0	5.3	115.2		
<b>R</b>	<b>i</b>	<b>v</b>	<b>e</b>	<b>r</b>	<b>b</b>	<b>o</b>	<b>a</b>	<b>t</b>										
76.8	9.7	3.3	2.4	3.4	9.3	2.4	7.9	3.7	6.0	2.9	7.9	2.7	8.1	2.7	7.9	3.5	6.2	13.2
<b>C</b>	<b>a</b>	<b>s</b>	<b>i</b>	<b>n</b>	<b>o</b>													
76.8	9.7	2.3	7.9	3.5	7.9	3.7	2.4	4.8	8.0	3.7	8.1	41.2						
<b>E</b>	<b>X</b>	<b>I</b>	<b>T</b>															
76.8	7.4	1.4	8.7	2.1	2.0	1.8	7.4	10.0	4.5	2.9	12.1	3.3	4.5	34.0				

MODEL: SPD-24  
FILE NAME: p:\transystems\pw\beetby.com\transystems\comp\pw\_hosted\Documents\Projects\_2018\CH401\401180022\02-Transystems\CAD\6220\6220\Sheet1.dwg and Signing\016220\_SHT-Sign-Panel-Details.dwg

SIGN DETAIL  
1:50

SIGN NUMBER	6261
WIDTH x HEIGHT	20'-6" x 7'-6"
BORDER WIDTH	2"
CORNER RADIUS	12"
MOUNTING	Ground Mounted
BACKGROUND	TYPE: Reflective - ZZ
	COLOR: Brown
LEGENDBORDER	TYPE: Reflective - ZZ
	COLOR: White



6261;

12.0" Radius, 2.0" Border, White on Brown;  
Rounded Rectangle 3.0" Radius; " ", E Mod 2K;

12.0" Radius, 2.0" Border, White on Brown;  
"Off-Track", E Mod 2K; "Wagering Facility", E Mod 2K; "EXIT", E Mod 2K 120% spacing; "130", E Mod 2K;

Table of widths and spaces

13.7	36.0	196.3																		
61.7	O	10.1	2.4	5.0	2.5	5.1	1.7	4.2	0.8	8.9	2.9	6.0	1.8	7.9	3.7	7.9	3.7	8.0	101.7	
61.7	W	12.7	1.8	7.9	3.8	7.9	3.7	7.9	3.7	6.0	2.9	2.4	4.8	7.9	3.8	7.9				
	F	12.0	8.9	2.1	7.9	3.8	7.9	3.7	2.4	4.8	2.4	4.8	2.4	3.5	6.2	2.5	10.2	13.7		
106.0	E	7.4	1.7	8.7	2.5	2.0	2.2	7.4	15.0	4.5	2.9	12.1	3.0	12.6	59.1					

MODEL: SPD-25  
FILE NAME: p:\transystems\pww\beetle.com\transystems\comp\pw\_hosted\Documents\Projects\_2018\CI-401\401.180022\02-TransSystems\CAD\626269\Sheet1.dwg and Signing\0162689\_SHT-Sign-Panel-Details.dgn

**TRANSYSTEMS**

USER NAME = amkluver	DESIGNED - VLJ	REVISED -
PLOT SCALE = 0.16666633 1/ in.	DRAWN - AMK	REVISED -
PLOT DATE = 10/5/2023	CHECKED - JMG	REVISED -
	DATE - 10/6/23	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**SIGN PANEL DETAILS  
I-80**

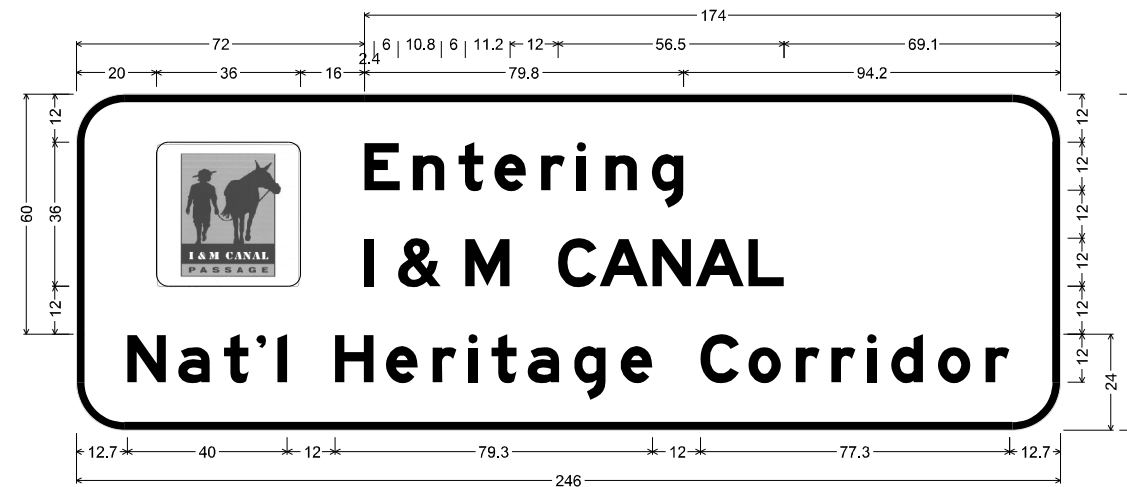
SCALE: NONE SHEET 25 OF 32 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
I-80	FAI 80 22 BR	WILL	1201	442
			CONTRACT NO. 62R89	
		ILLINOIS	FED. AID PROJECT	



SIGN DETAIL  
1:50

SIGN NUMBER	6262
WIDTH x HEIGHT	20'-6" x 7'-0"
BORDER WIDTH	2"
CORNER RADIUS	12"
MOUNTING	Ground Mounted
BACKGROUND	TYPE: Reflective - ZZ
	COLOR: Brown
LEGENDBORDER	TYPE: Reflective - ZZ
	COLOR: White



6262;

12.0" Radius, 2.0" Border, White on Brown;  
Rounded Rectangle 3.0" Radius;

12.0" Radius, 2.0" Border, White on Brown;  
"Entering", E Mod 2K; "I & M CANAL", E Mod 2K 50% spacing;

12.0" Radius, 2.0" Border, White on Brown;  
"Nat'l Heritage Corridor", E Mod 2K;

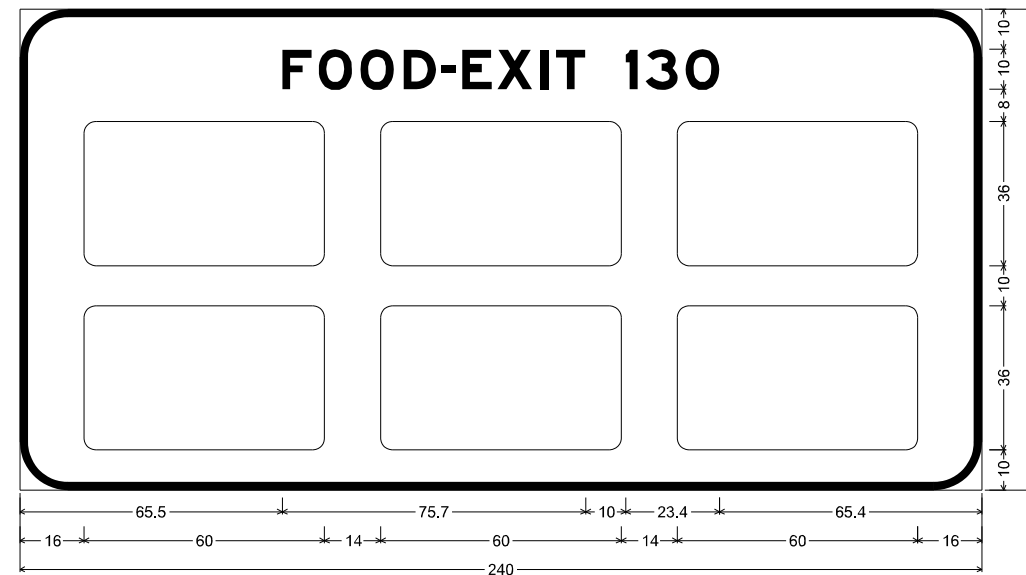
Table of widths and spaces

20.0	36.0	190.0																							
E	n	t	e	r	i	n	g	94.2																	
8.9	3.2	7.9	3.5	6.3	2.7	7.9	3.8	6.0	2.8	2.4	4.8	8.0	3.7	7.9	94.2										
I	&	M	C	A	N	A	L	69.1																	
72.0	2.4	6.0	10.8	6.0	11.2	12.0	9.7	0.7	12.1	1.1	9.7	1.1	12.1	1.1	8.9	69.1									
N	a	t	l	H	e	r	i	t	a	g	e														
12.7	9.7	3.0	8.0	3.4	6.3	1.9	2.4	2.9	2.4	12.0	9.7	3.0	7.9	3.7	6.0	2.9	2.4	3.5	6.2	2.8	7.9	3.7	8.0	3.7	7.9
C	o	r	r	i	d	o	r	12.7																	
12.0	9.7	2.3	8.2	3.7	6.0	2.9	6.0	2.8	2.4	3.8	7.9	3.7	8.2	3.7	6.0	12.7									

MODEL: SPD-36  
FILE NAME: p:\transystems\pwbentby.com\transystems\comp\pw\_bentby\Documents\Projects\_2018\CH401\401180022\02-TransSystems\CAD\6262\Sign\6262\_Sign\_Panels\Details.dgn

SIGN DETAIL  
1:50

SIGN NUMBER	6290
WIDTH x HEIGHT	20'-0" x 10'-0"
BORDER WIDTH	2"
CORNER RADIUS	12"
MOUNTING	Ground Mounted
BACKGROUND	TYPE: Reflective - ZZ
	COLOR: Blue
LEGENDBORDER	TYPE: Reflective - ZZ
	COLOR: White



6290;  
12.0" Radius, 2.0" Border, White on Blue;  
"FOOD-EXIT 130", E Mod 2K; Rounded Rectangle 3.0" Radius; Rounded Rectangle 3.0" Radius;  
Rounded Rectangle 3.0" Radius; Rounded Rectangle 3.0" Radius; Rounded Rectangle 3.0" Radius;  
Rounded Rectangle 3.0" Radius;  
Table of widths and spaces

65.5	F	7.4	1.7	8.4	2.0	8.4	2.4	8.1	1.3	3.5	1.7	7.4	1.4	8.7	2.1	2.0	1.8	7.4	10.0	3.0	1.9	8.1	2.0	8.4	65.4
16.0	□	60.0	14.0	□	60.0	14.0	□	60.0	16.0																
16.0	□	60.0	14.0	□	60.0	14.0	□	60.0	16.0																

MODEL: SPD-27  
FILE NAME: p:\transystems\pww\entby.com\transystems\comp\pw-hosted\Documents\Projects\_2018\CI-401\401.180022\02-TransSystems\CAD\6290\6290\6290\6290\_SHT-Sign-Panel-Details.dgn



USER NAME = amkluver	DESIGNED - VLJ	REVISED -
PLOT SCALE = 0.16666633 1/ in.	DRAWN - AMK	REVISED -
PLOT DATE = 10/5/2023	CHECKED - JMG	REVISED -
	DATE - 10/6/23	REVISED -

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

SIGN PANEL DETAILS  
I-80

SCALE: NONE SHEET 27 OF 32 SHEETS STA. TO STA.

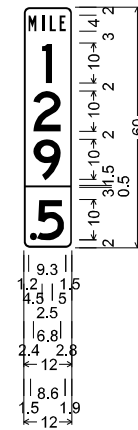
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
I-80	FAI 80 22 BR	WILL	1201	444
			CONTRACT NO. 62R89	
		ILLINOIS	FED. AID PROJECT	

SIGN DETAIL  
1:50

SIGN NUMBER	5291, 5292
WIDTH x HEIGHT	1'-0" x 5'-0"
BORDER WIDTH	0.5"
CORNER RADIUS	1.5"
MOUNTING	Ground Mounted
BACKGROUND	TYPE: Reflective - ZZ COLOR: Green
LEGEND/BORDER	TYPE: Reflective - ZZ COLOR: White

SIGN DETAIL  
1:50

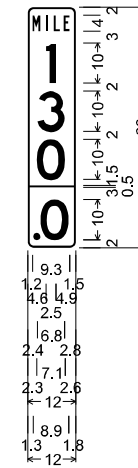
SIGN NUMBER	5561, 5562
WIDTH x HEIGHT	1'-0" x 5'-0"
BORDER WIDTH	0.5"
CORNER RADIUS	1.5"
MOUNTING	Ground Mounted
BACKGROUND	TYPE: Reflective - ZZ COLOR: Green
LEGEND/BORDER	TYPE: Reflective - ZZ COLOR: White



1.5" Radius, 0.5" Border, White on Green;  
 "MILE", B 2K specified length;  
 "1", D 2K;  
 "2", D 2K;  
 "9", D 2K;  
 ".5", D 2K 0% spacing;

Table of widths and spaces

	M	I	L	E
1	1.2	1.9	1.4	0.6
2	1.4	1.5	0.9	1.6
9	1.4	1.5	0.9	1.6
.5	2.2	1.6	0.0	5.6



1.5" Radius, 0.5" Border, White on Green;  
 "MILE", B 2K specified length;  
 "1", D 2K;  
 "3", D 2K;  
 "0", D 2K;  
 ".0", D 2K 0% spacing;

Table of widths and spaces

	M	I	L	E
1	1.2	1.9	1.4	0.6
3	1.4	1.5	0.9	1.6
0	1.4	1.5	0.9	1.6
.0	2.1	1.6	-0.0	5.9

MODEL: SPD-28  
 FILE NAME: p:\transystems\pw\beutby.com\transystems\comp\pw\_1\hosed\Documents\Projects\_2018\CI-401\401180022\02-TransSystems\CAD\62R89\Sheet19.dwg and Signing\0162R89\_SHT-Sign-Panel-Details.dgn



USER NAME = amkluver	DESIGNED - VLJ	REVISED -
PLOT SCALE = 0.16666633 1/ in.	DRAWN - AMK	REVISED -
PLOT DATE = 10/5/2023	CHECKED - JMG	REVISED -
	DATE - 10/6/23	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**SIGN PANEL DETAILS  
I-80**

SCALE: NONE SHEET 28 OF 32 SHEETS STA. TO STA.

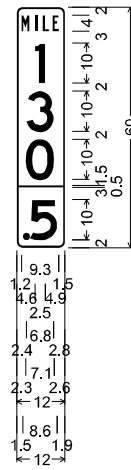
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
I-80	FAI 80 22 BR	WILL	1201	445
CONTRACT NO. 62R89			ILLINOIS FED. AID PROJECT	

SIGN DETAIL  
1:50

SIGN NUMBER	5822, 5823
WIDTH x HEIGHT	1'-0" x 5'-0"
BORDER WIDTH	0.5"
CORNER RADIUS	1.5"
MOUNTING	Ground Mounted
BACKGROUND	TYPE: Reflective - ZZ
	COLOR: Green
LEGEND/BORDER	TYPE: Reflective - ZZ
	COLOR: White

SIGN DETAIL  
1:50

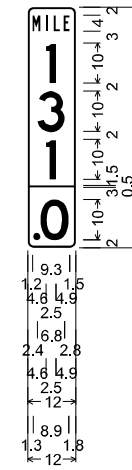
SIGN NUMBER	6081, 6082
WIDTH x HEIGHT	1'-0" x 5'-0"
BORDER WIDTH	0.5"
CORNER RADIUS	1.5"
MOUNTING	Ground Mounted
BACKGROUND	TYPE: Reflective - ZZ
	COLOR: Green
LEGEND/BORDER	TYPE: Reflective - ZZ
	COLOR: White



1.5" Radius, 0.5" Border, White on Green;  
 "MILE", B 2K specified length;  
 "1", D 2K;  
 "3", D 2K;  
 "0", D 2K;  
 "5", D 2K 0% spacing;

Table of widths and spaces

M	I	L	E
1.2	1.9	1.4	1.5
1	2.5	1.4	0.9
4.6	2.5	1.4	1.6
3	6.8	1.4	1.5
2.4	6.8	0.9	1.6
0	7.0	0.9	1.6
2.3	7.0	0.9	1.6
0.0	12.0	0.0	1.5
2.2	1.6	-0.0	5.6
			2.6



1.5" Radius, 0.5" Border, White on Green;  
 "MILE", B 2K specified length;  
 "1", D 2K;  
 "3", D 2K;  
 "1", D 2K;  
 "0", D 2K 0% spacing;

Table of widths and spaces

M	I	L	E
1.2	1.9	1.4	1.5
1	2.5	1.4	0.9
4.6	2.5	1.4	1.6
3	6.8	1.4	1.5
2.4	6.8	0.9	1.6
0	7.0	0.9	1.6
2.3	7.0	0.9	1.6
0.0	12.0	0.0	1.5
2.1	1.6	-0.0	5.9
			2.4

MODEL: SPD-20  
 FILE NAME: p:\transystems\pwr\ben\transystems\comp\pw\checked\Documents\Projects\_2018\CI-401\401180022\02-TransSystems\CAD\62289\Sheet19.dwg and Signing\DI62289\_SHT-Sign-Panel-Details.dgn



USER NAME = amkluver	DESIGNED - VLJ	REVISED -
PLOT SCALE = 0.16666633 1/ in.	DRAWN - AMK	REVISED -
PLOT DATE = 10/5/2023	CHECKED - JMG	REVISED -
	DATE - 10/6/23	REVISED -

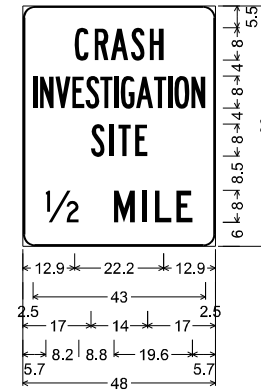
**STATE OF ILLINOIS**  
**DEPARTMENT OF TRANSPORTATION**

<b>SIGN PANEL DETAILS</b>			
<b>I-80</b>			
SCALE: NONE	SHEET 29	OF 32 SHEETS	STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
I-80	FAI 80 22 BR	WILL	1201	446
CONTRACT NO. 62R89			ILLINOIS FED. AID PROJECT	

SIGN DETAIL  
1:50

SIGN NUMBER	5542, 6221
WIDTH x HEIGHT	4'-0" x 5'-0"
BORDER WIDTH	0.5"
CORNER RADIUS	3"
MOUNTING	Ground Mounted
BACKGROUND	TYPE: Reflective - AP
	COLOR: Blue
LEGENDBORDER	TYPE: Reflective - ZZ
	COLOR: White



3.0" Radius, 0.5" Border, White on Blue;  
 "CRASH", B 2K;  
 "INVESTIGATION", B 2K specified length;  
 "SITE", B 2K;  
 "1/2 MILE", C 2K specified length;  
 Table of widths and spaces

12.9	C	3.5	1.5	R	3.4	0.7	A	4.3	0.6	S	3.5	1.2	H	3.5	12.9																								
2.5	I	1.0	0.7	N	3.5	0.4	V	3.7	0.5	E	3.0	0.3	S	3.5	0.2	T	3.1	0.4	I	1.0	0.6	G	3.5	0.3	A	4.3	0.2	T	3.0	0.5	I	1.0	0.6	O	3.7	0.6	N	3.4	2.5
17.0	S	3.4	1.3	I	1.0	1.1	T	3.1	1.1	E	3.0	17.0																											
5.7	1/2	8.2																																					
8.8	M	5.3	1.9	I	1.1	L	1.9	4.1	1.2	E	4.1	5.7																											

MODEL: SPD-30  
 FILE NAME: p:\transystems\pw\beet\transystems\comp\pw-hosted\Documents\Projects\_2018\CI-401\40118002\02-TransSystems\CAD\62R89\62R89\_SHT\_Sign-Panel-Detail.dgn



USER NAME = amkluver	DESIGNED - VLJ	REVISED -
PLOT SCALE = 0.16666633 1/ in.	DRAWN - AMK	REVISED -
PLOT DATE = 10/5/2023	CHECKED - JMG	REVISED -
	DATE - 10/6/23	REVISED -

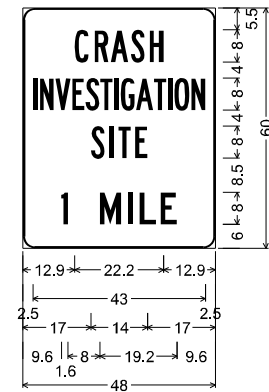
**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

SIGN PANEL DETAILS			
I-80			
SCALE: NONE	SHEET 30	OF 32 SHEETS	STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
I-80	FAI 80 22 BR	WILL	1201	447
			CONTRACT NO. 62R89	
		ILLINOIS	FED. AID PROJECT	

SIGN DETAIL  
1:50

SIGN NUMBER	5280
WIDTH x HEIGHT	4'-0" x 5'-0"
BORDER WIDTH	0.5"
CORNER RADIUS	3"
MOUNTING	Ground Mounted
BACKGROUND	TYPE: Reflective - AP
	COLOR: Blue
LEGEND/BORDER	TYPE: Reflective - ZZ
	COLOR: White



3.0" Radius, 0.5" Border, White on Blue;  
 "CRASH", B 2K;  
 "INVESTIGATION", B 2K specified length;  
 "SITE", B 2K;  
 "1 MILE", C 2K;  
 Table of widths and spaces

12.9	C	3.5	1.5	R	3.4	0.7	A	4.3	0.6	S	3.5	1.2	H	3.5	12.9																						
2.5	I	1.0	0.7	N	3.5	0.4	V	3.7	0.5	E	3.0	0.3	S	3.5	0.2	T	3.1	0.4	I	1.0	0.6	G	3.5	0.3	A	4.3	0.2	T	3.0	0.5	I	1.0	0.6	3.7	0.6	3.4	2.5
17.0	S	3.4	1.3	I	1.0	1.1	T	3.1	1.1	E	3.0	17.0																									
9.6	I	1.6																																			
8.0	M	5.3	1.8	I	1.1	L	1.8	4.0	1.2	E	4.0	9.6																									

MODEL: SPD-31  
 FILE NAME: p:\transystems\pw\beetle.com\transystems\comp\pw-hosted\Documents\Projects\_2018\CI-401\40118002\02-TransSystems\CAD\62R89\62R89\_SHT-Sign-Panel-Details.dgn



USER NAME = amkluver	DESIGNED - VLJ	REVISED -
PLOT SCALE = 0.16666633 1/ in.	DRAWN - AMK	REVISED -
PLOT DATE = 10/5/2023	CHECKED - JMG	REVISED -
	DATE - 10/6/23	REVISED -

STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION

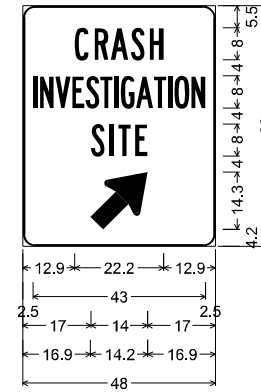
SIGN PANEL DETAILS  
 I-80

SCALE: NONE SHEET 31 OF 32 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
I-80	FAI 80 22 BR	WILL	1201	448
			CONTRACT NO. 62R89	
ILLINOIS			FED. AID PROJECT	

SIGN DETAIL  
1:50

SIGN NUMBER	5681, 6070
WIDTH x HEIGHT	4'-0" x 5'-0"
BORDER WIDTH	0.5"
CORNER RADIUS	3"
MOUNTING	Ground Mounted
BACKGROUND	TYPE: Reflective - AP
	COLOR: Blue
LEGENDBORDER	TYPE: Reflective - ZZ
	COLOR: White



3.0" Radius, 0.5" Border, White on Blue;  
 "CRASH", B 2K;  
 "INVESTIGATION", B 2K specified length;  
 "SITE", B 2K;  
 Standard Arrow Custom 18.0" X 12.0" 45°;  
 Table of widths and spaces

12.9	C	3.5	1.5	R	3.4	0.7	A	4.3	0.6	S	3.5	1.2	H	3.5	12.9																								
2.5	I	1.0	0.7	N	3.5	0.4	V	3.7	0.5	E	3.0	0.3	S	3.5	0.2	T	3.1	0.4	I	1.0	0.6	G	3.5	0.3	A	4.3	0.2	T	3.0	0.5	I	1.0	0.6	O	3.7	0.6	N	3.4	2.5
17.0	S	3.4	1.3	I	1.0	1.1	T	3.1	1.1	E	3.0	17.0																											
16.9	↗	14.2	16.9																																				

MODEL: SPD-32  
 FILE NAME: p:\transystems\pw\beet\transystems\comp\pw-hosted\Documents\Projects\_2018\CH401\401180022\02-TransSystems\CAD\62R89\62R89\_SHT-Sign-Panel-Details.dgn

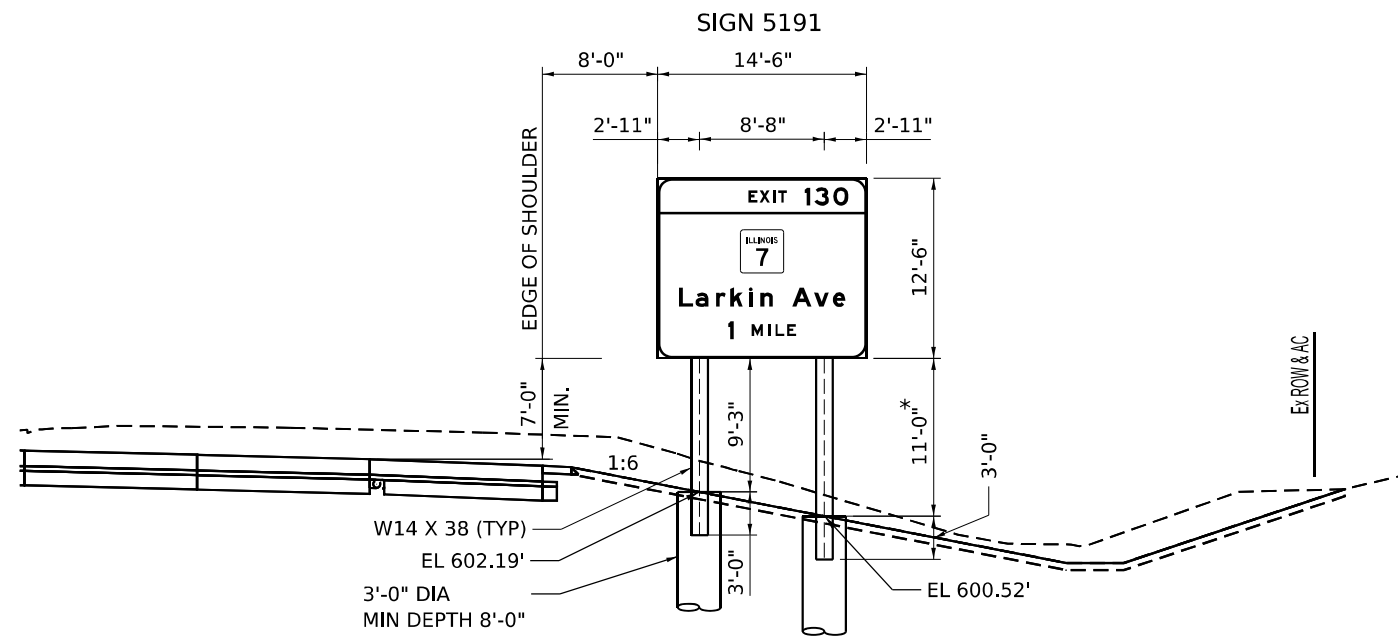


USER NAME = amkluver	DESIGNED - VLJ	REVISED -
PLOT SCALE = 0.16666633 1/ in.	DRAWN - AMK	REVISED -
PLOT DATE = 10/5/2023	CHECKED - JMG	REVISED -
	DATE - 10/6/23	REVISED -

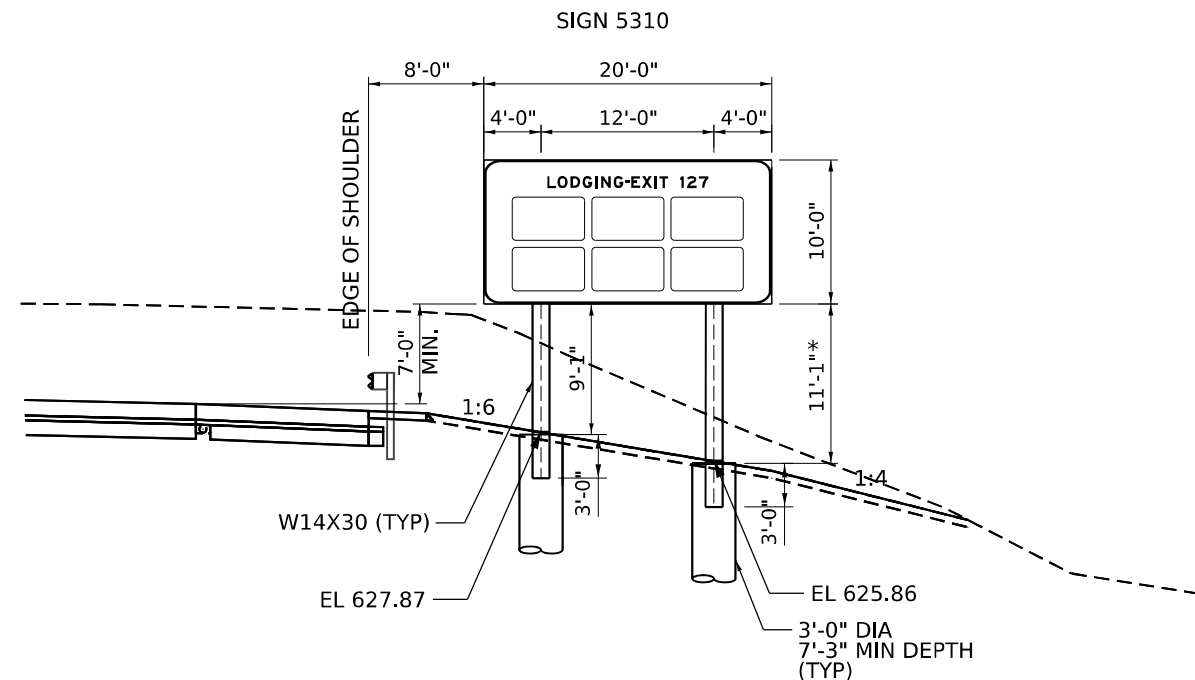
**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

SIGN PANEL DETAILS			
I-80			
SCALE: NONE	SHEET 32	OF 32 SHEETS	STA. TO STA.

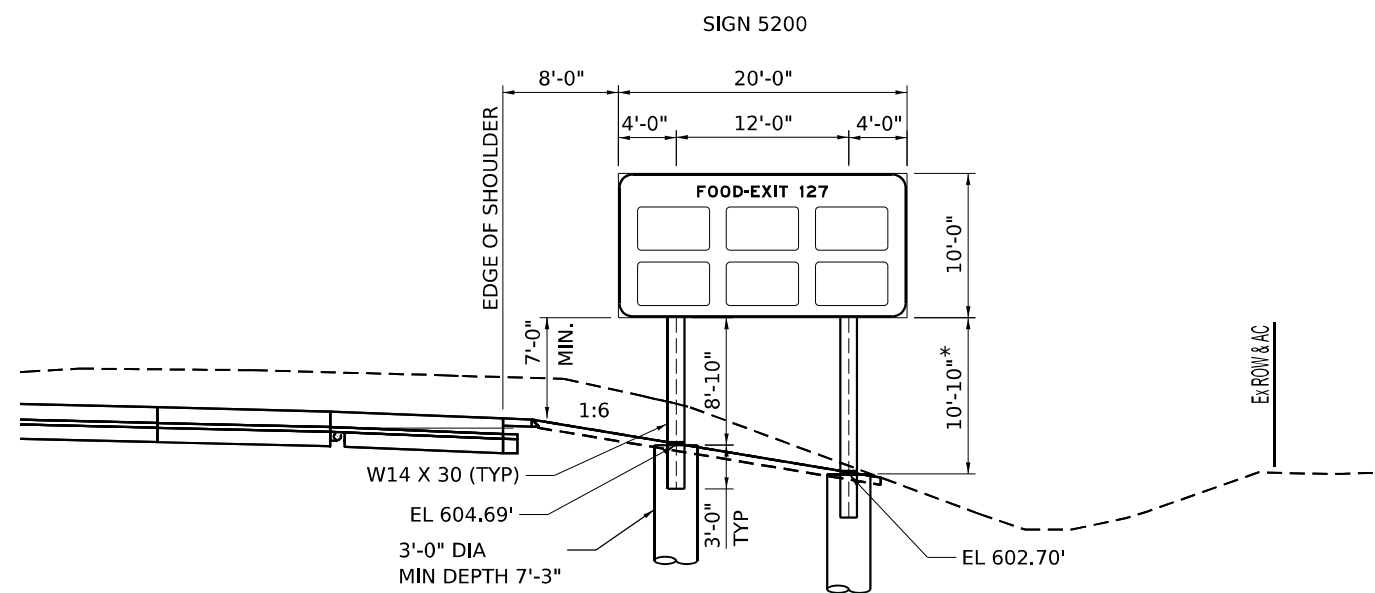
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
I-80	FAI 80 22 BR	WILL	1201	449
			CONTRACT NO. 62R89	
		ILLINOIS	FED. AID PROJECT	



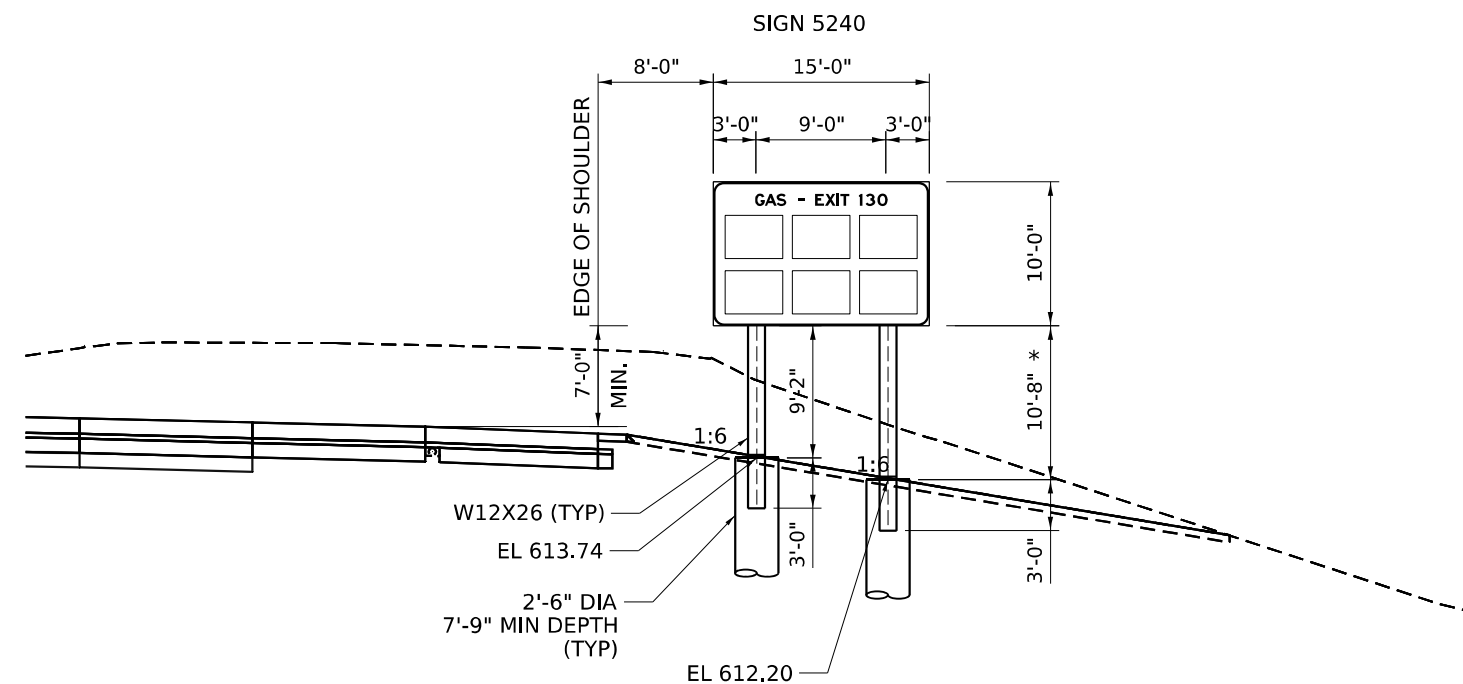
**SIGN 5191 (PROPOSED)  
BREAKAWAY SIGN SUPPORTS  
I-80 STA 519+33.00  
(LOOKING EAST)**



**SIGN 5310 (PROPOSED)  
BREAKAWAY SIGN SUPPORTS  
I-80 STA 531+50.00  
(LOOKING WEST)**



**SIGN 5200 (PROPOSED)  
BREAKAWAY SIGN SUPPORTS  
I-80 STA 520+50.00  
(LOOKING WEST)**



**SIGN 5240 (PROPOSED)  
BREAKAWAY SIGN SUPPORTS  
I-80 STA 524+48.00  
(LOOKING EAST)**

\*CLEAR HEIGHT

MODEL: C:\IP\00\_04-10\overhead sign 1 (sheet)  
 FILE NAME: p:\trans\systems\ppl\hosed\Documents\Projects\_2018\CH401\401180022\02-Trans\Systems\CAD\62889\Signs\19-PM and Signing\0162889\_Signing\_Sheets



USER NAME = amkluver	DESIGNED - UR	REVISED -
PLOT SCALE = 0.16666633 1/16"	DRAWN - UR	REVISED -
PLOT DATE = 10/5/2023	CHECKED - AB	REVISED -
	DATE - 10/6/23	REVISED -

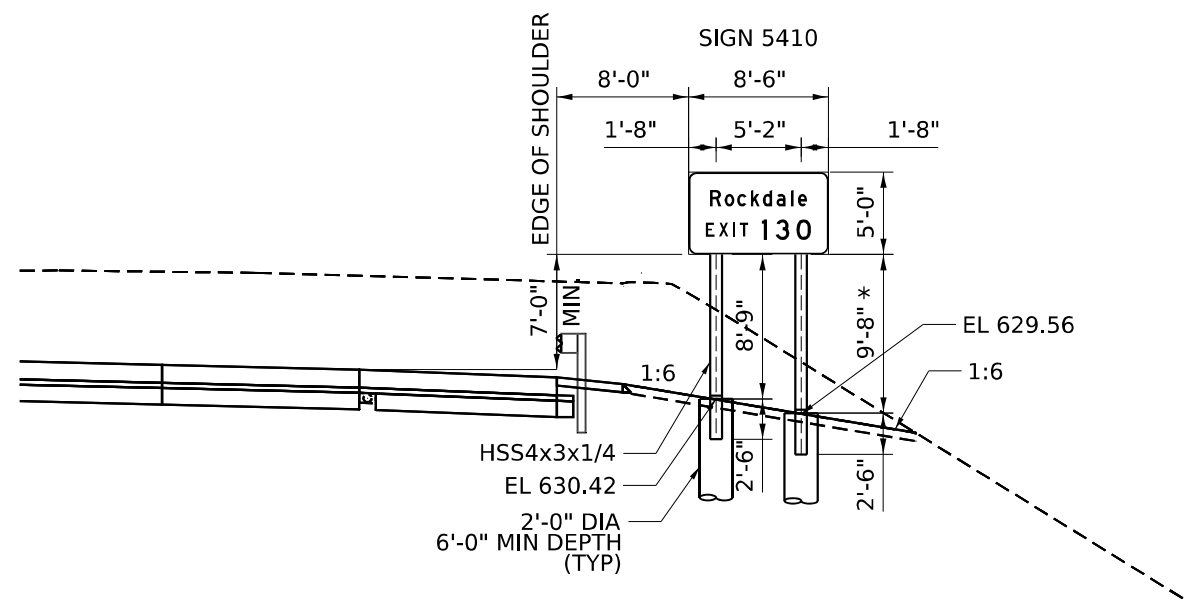
**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**SIGN MOUNTING DETAILS  
I-80**

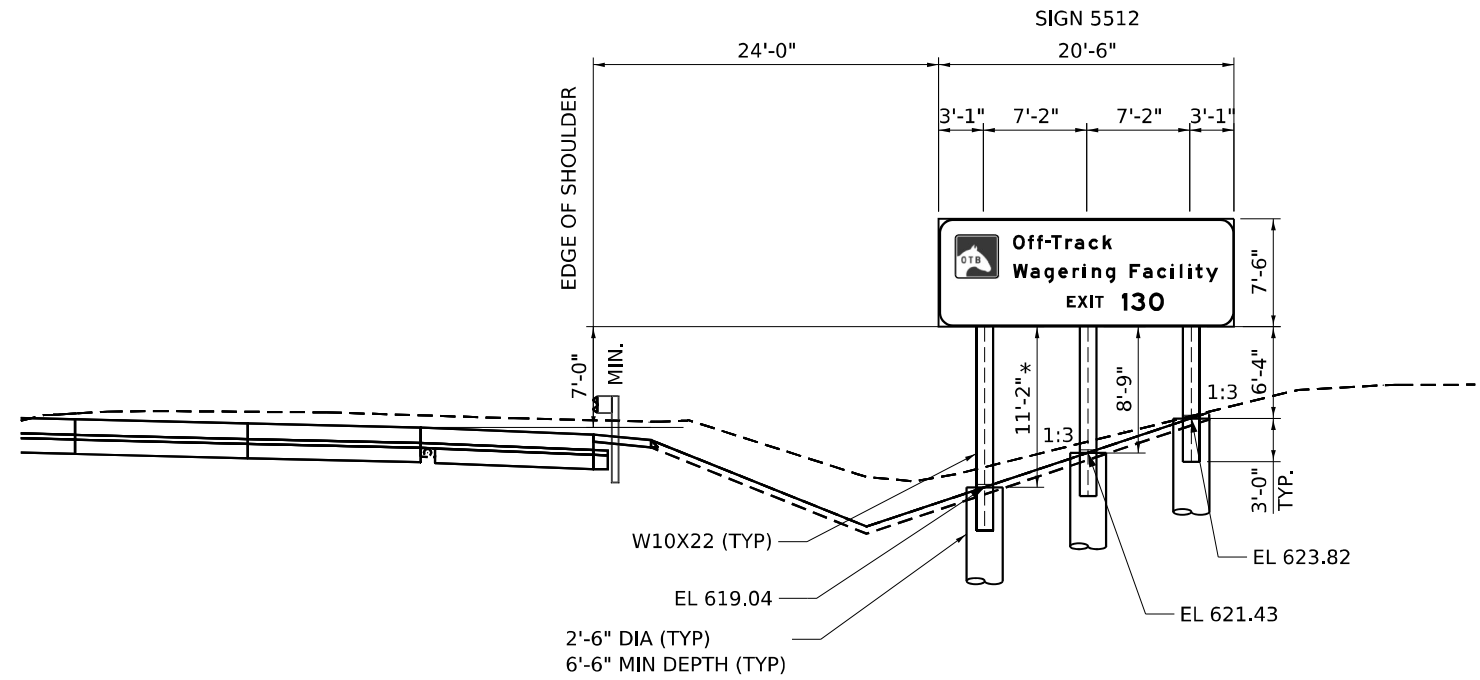
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F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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CONTRACT NO. 62R89				
ILLINOIS FED. AID PROJECT				

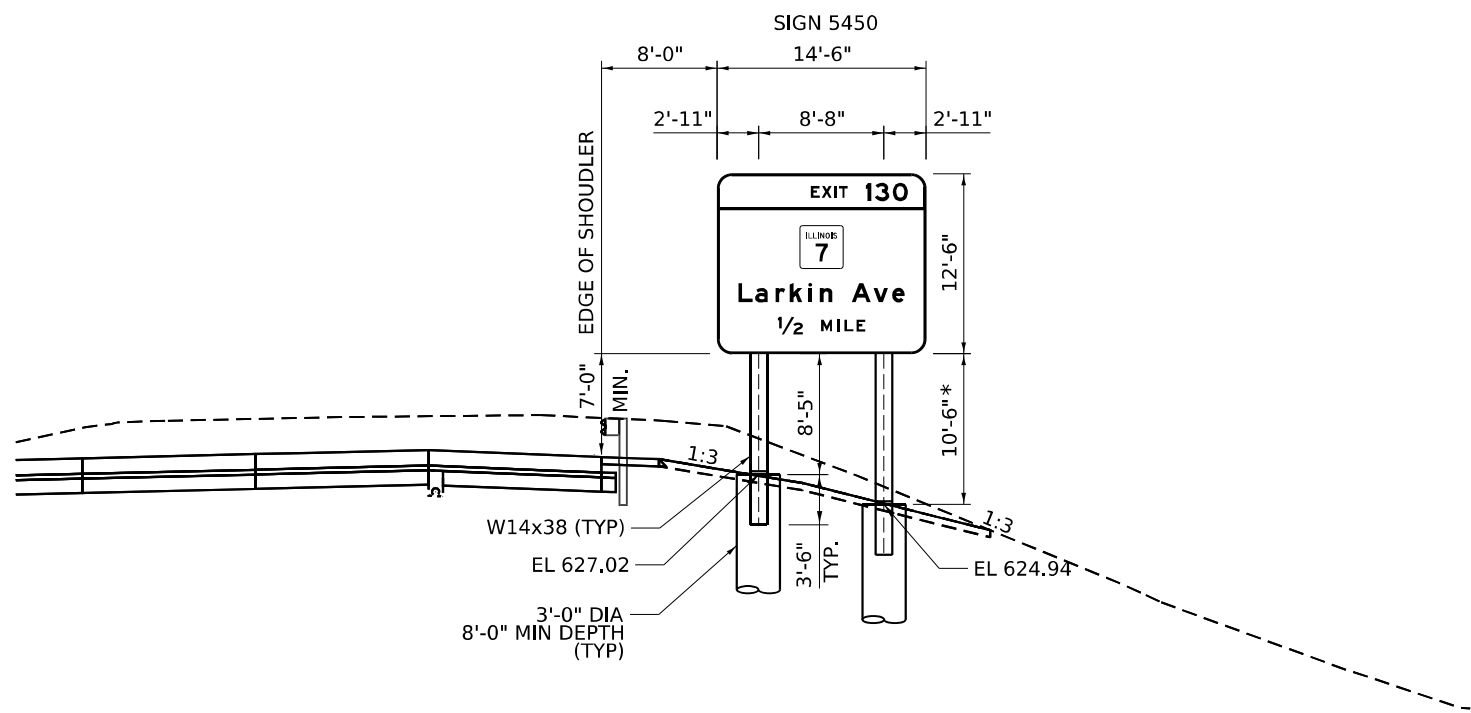




**SIGN 5410 (PROPOSED)  
BREAKAWAY SIGN SUPPORTS  
I-80 STA 541+00.00  
(LOOKING EAST)**



**SIGN 5512 (PROPOSED)  
BREAKAWAY SIGN SUPPORTS  
I-80 STA 551+06.00  
(LOOKING EAST)**



**SIGN 5450 (PROPOSED)  
BREAKAWAY SIGN SUPPORTS  
I-80 STA 545+73.00  
(LOOKING EAST)**

\*CLEAR HEIGHT

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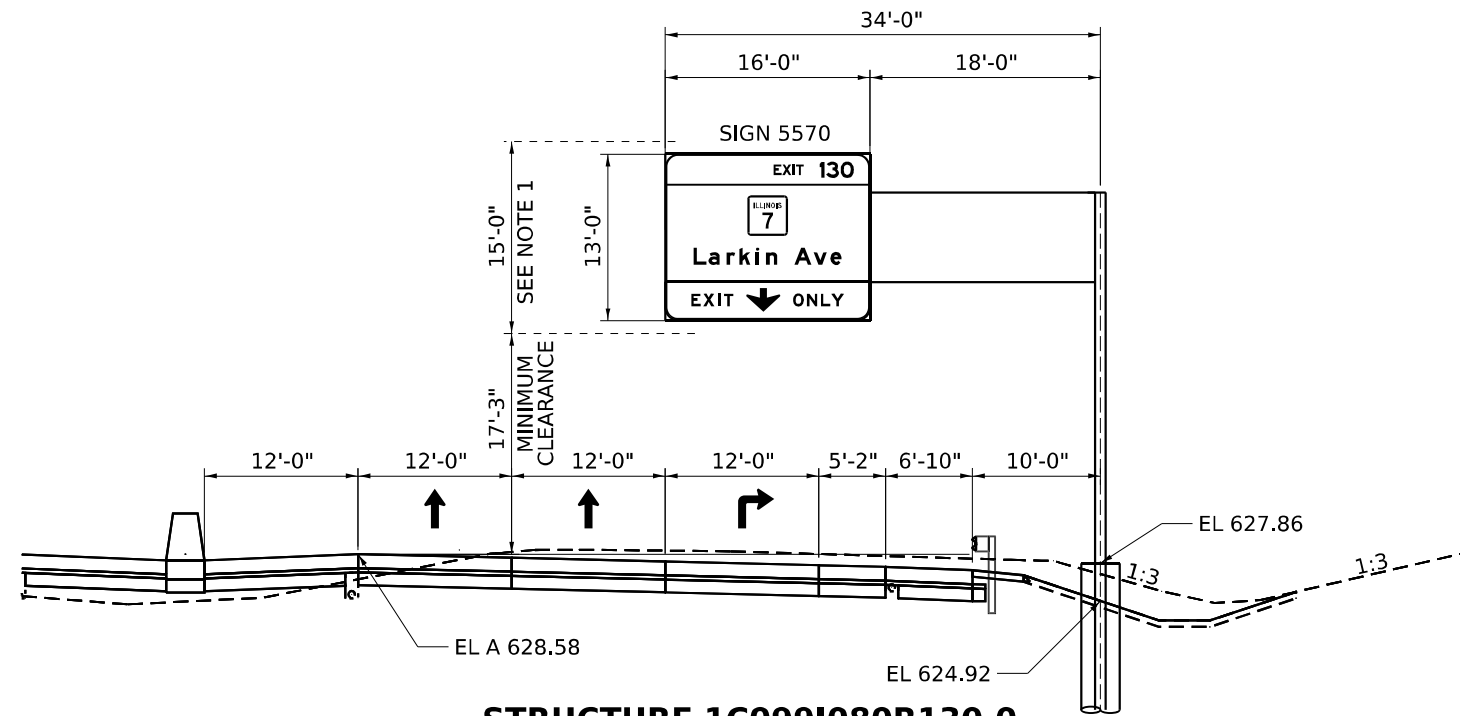
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DATE	- 10/6/23

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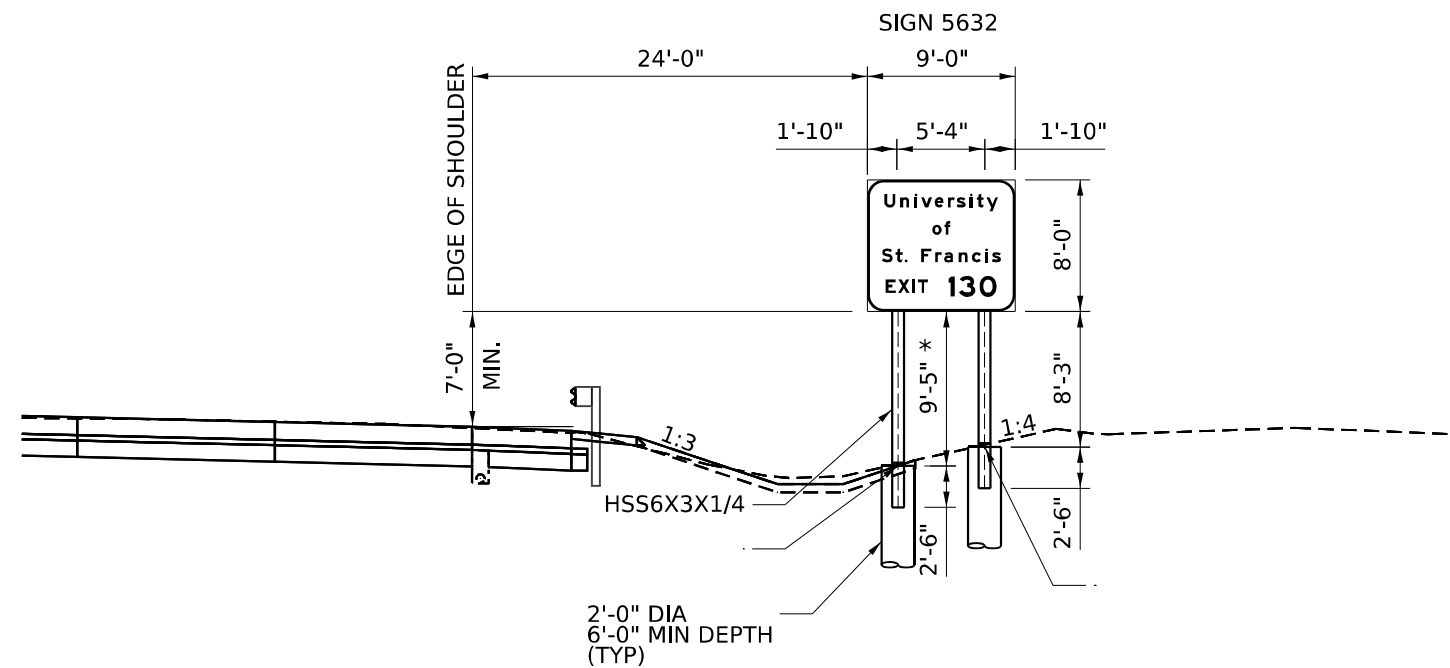
**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

SIGN MOUNTING DETAILS			
I-80			
SCALE: NONE	SHEET 2	OF 7 SHEETS	STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
I-80	FAI 80 22 BR	WILL	1201	451
				CONTRACT NO. 62R89
		ILLINOIS	FED. AID PROJECT	



**STRUCTURE 1C099I080R130.0**  
**MOUNTING DETAIL**  
**PROPOSED OVERHEAD SIGN STRUCTURE - CANTILEVER**  
**EB I-80 STA 557+06.03**  
**(LOOKING EAST)**



**SIGN 5632 (PROPOSED)**  
**BREAKAWAY SIGN SUPPORT**  
**EB I-80 STA 563+41.00**  
**(LOOKING EAST)**

NOTE 1: THEORETICAL SIGN DESIGN HEIGHT (15')  
 \*CLEAR HEIGHT

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 DATE: 10/5/2023



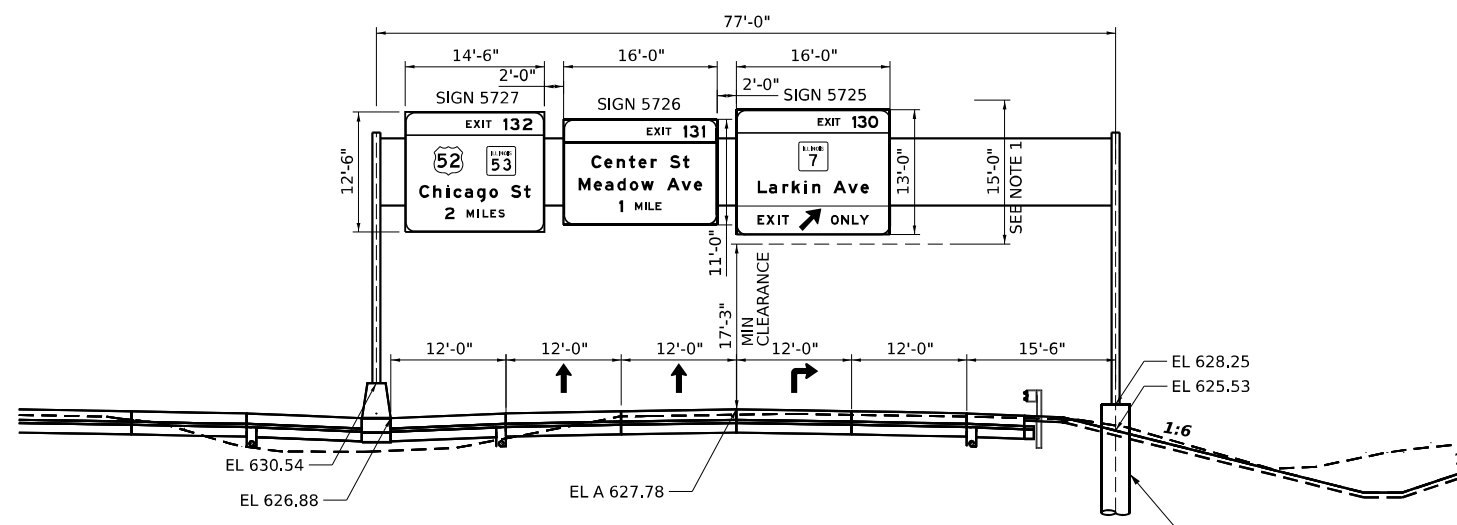
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**STATE OF ILLINOIS**  
**DEPARTMENT OF TRANSPORTATION**

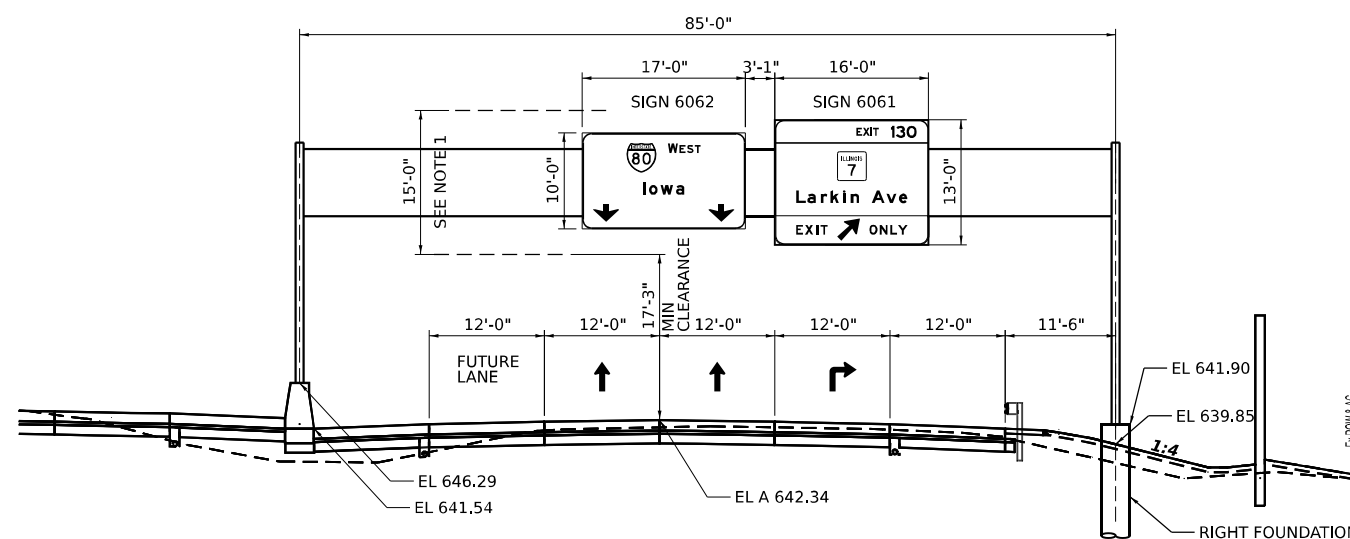
**SIGN MOUNTING DETAILS**  
**I-80**

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F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
I-80	FAI 80 22 BR	WILL	1201	452
CONTRACT NO. 62R89				
ILLINOIS FED. AID PROJECT				



**STRUCTURE 1S099I080R130.3  
MOUNTING DETAIL  
PROPOSED OVERHEAD SIGN STRUCTURE - SPAN  
EB I-80 STA 572+13.00  
(LOOKING EAST)**



**STRUCTURE 1S099I080L130.9  
MOUNTING DETAIL  
PROPOSED OVERHEAD SIGN STRUCTURE - SPAN  
EB I-80 STA 606+33.00  
(LOOKING WEST)**

NOTE 1: THEORETICAL SIGN DESIGN HEIGHT (15')

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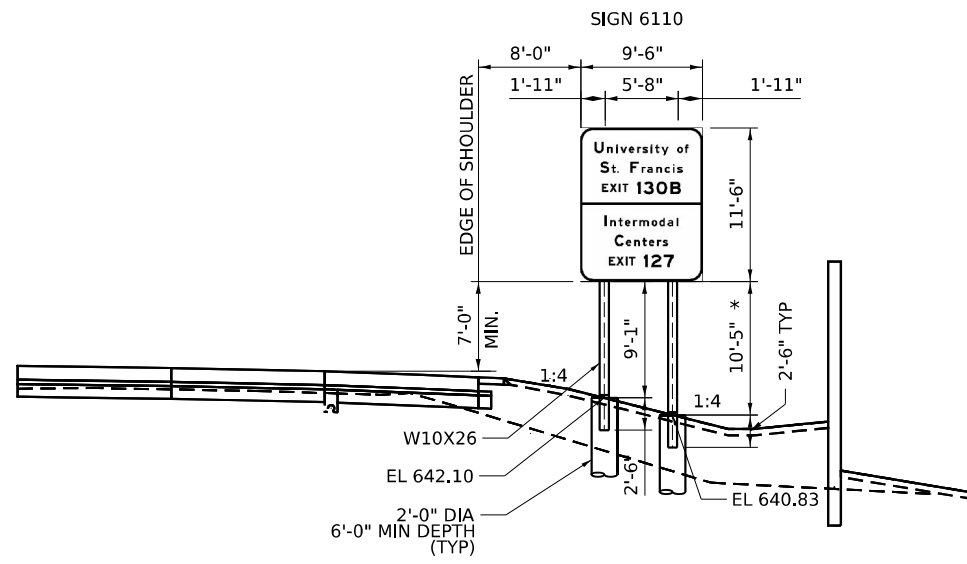
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PLOT DATE = 10/5/2023	DATE - 10/6/23	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

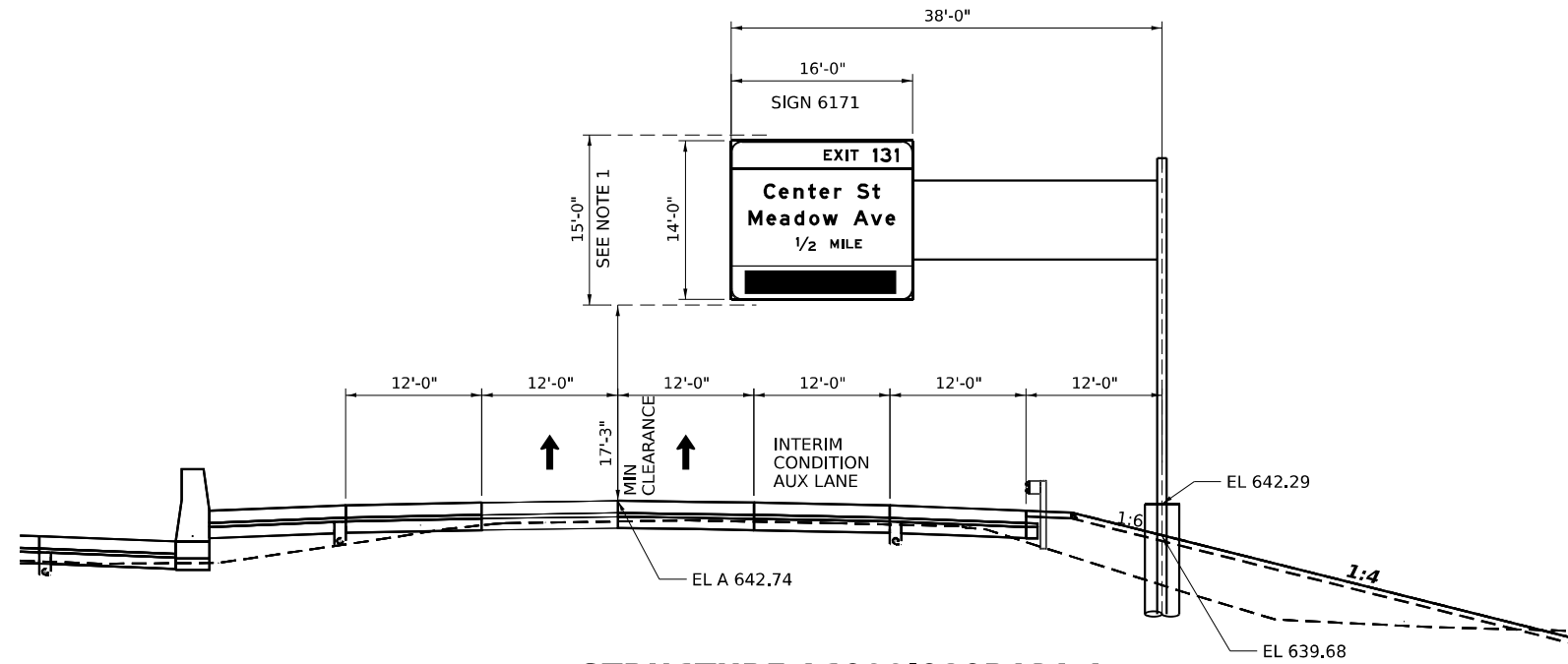
**SIGN MOUNTING DETAILS  
I-80**

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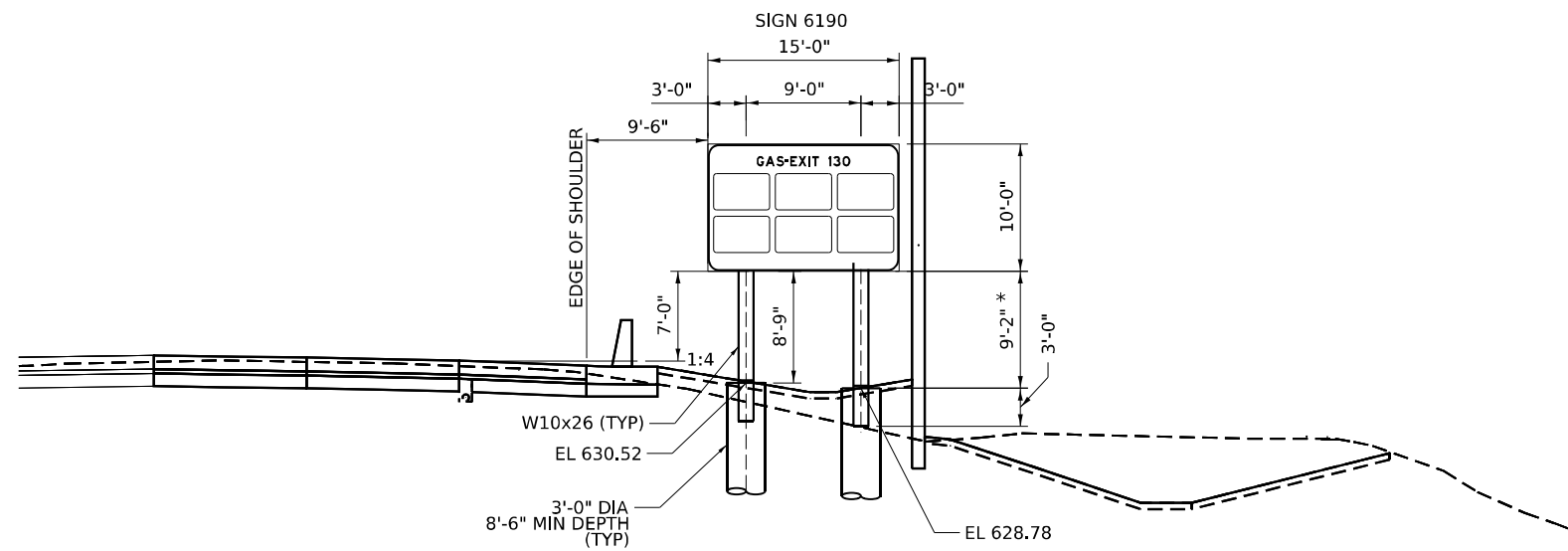
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
I-80	FAI 80 22 BR	WILL	1201	453
			CONTRACT NO. 62R89	
ILLINOIS FED. AID PROJECT				



**SIGN 6110 (RELOCATE)  
BREAKAWAY SIGN SUPPORTS  
WB I-80 STA 611+16  
(LOOKING WEST)**



**STRUCTURE 1C099I080R131.1  
MOUNTING DETAIL  
PROPOSED OVERHEAD SIGN STRUCTURE - CANTILEVER  
EB I-80 STA 617+00.00  
(LOOKING EAST)**



**SIGN 6190 (PROPOSED)  
BREAKAWAY SIGN SUPPORTS  
WB I-80 STA 619+89.00  
(LOOKING WEST)**

NOTE 1: THEORETICAL SIGN DESIGN HEIGHT (15')

\*CLEAR HEIGHT

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 PROJECT: I-80 Intermodal Center  
 CONTRACT: I-80 Intermodal Center  
 SHEET: 5 OF 7  
 DATE: 10/5/2023



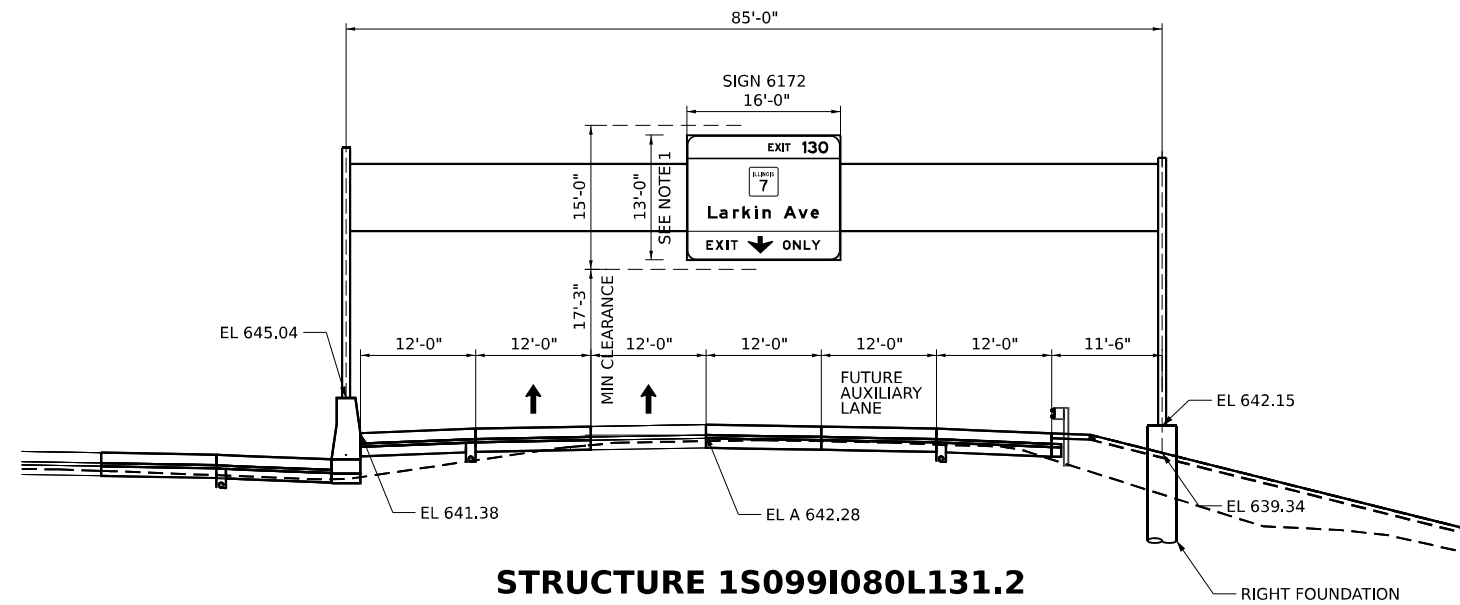
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	DATE - 10/6/23	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

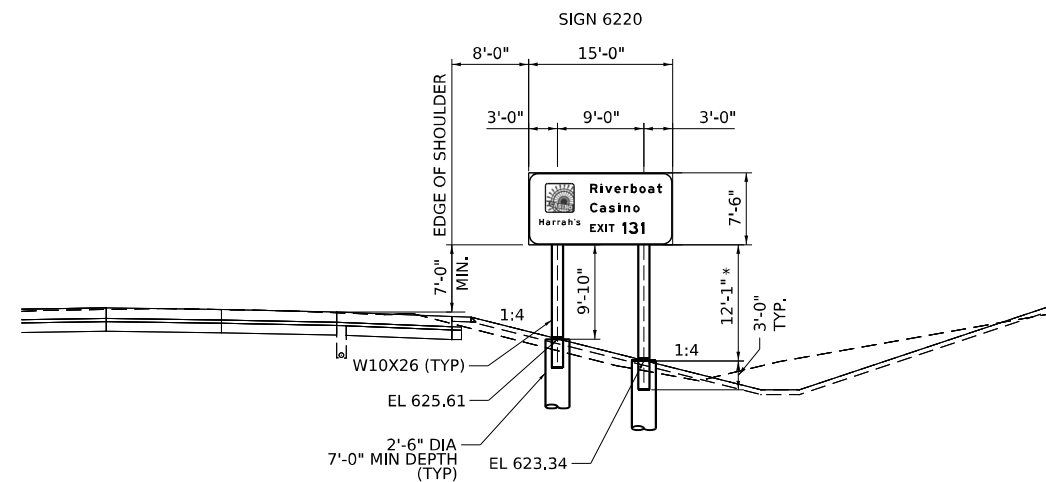
**SIGN MOUNTING DETAILS  
I-80**

SCALE: NONE SHEET 5 OF 7 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
I-80	FAI 80 22 BR	WILL	1201	454
			CONTRACT NO. 62R89	
ILLINOIS FED. AID PROJECT				



**STRUCTURE 1S099I080L131.2  
MOUNTING DETAIL  
PROPOSED OVERHEAD SIGN STRUCTURE - SPAN  
WB I-80 STA 617+25.00  
(LOOKING WEST)**



**SIGN 6220 (PROPOSED)  
BREAKAWAY SIGN SUPPORTS  
EB I-80 STA 622+33.00  
(LOOKING EAST)**

NOTE 1: THEORETICAL SIGN DESIGN HEIGHT (15')  
\*CLEAR HEIGHT

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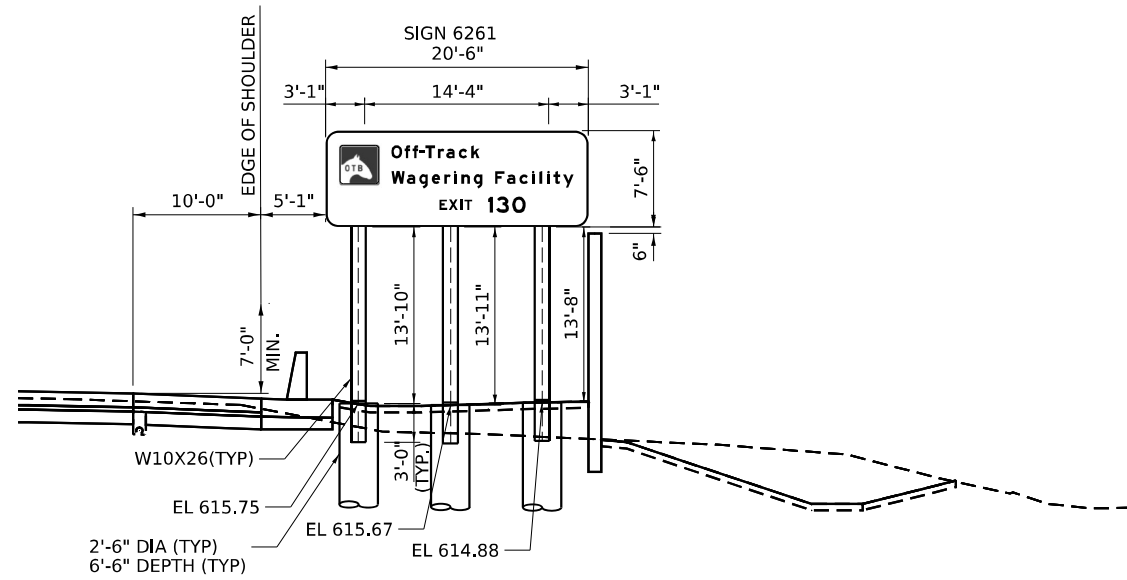
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	DATE - 10/6/23	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

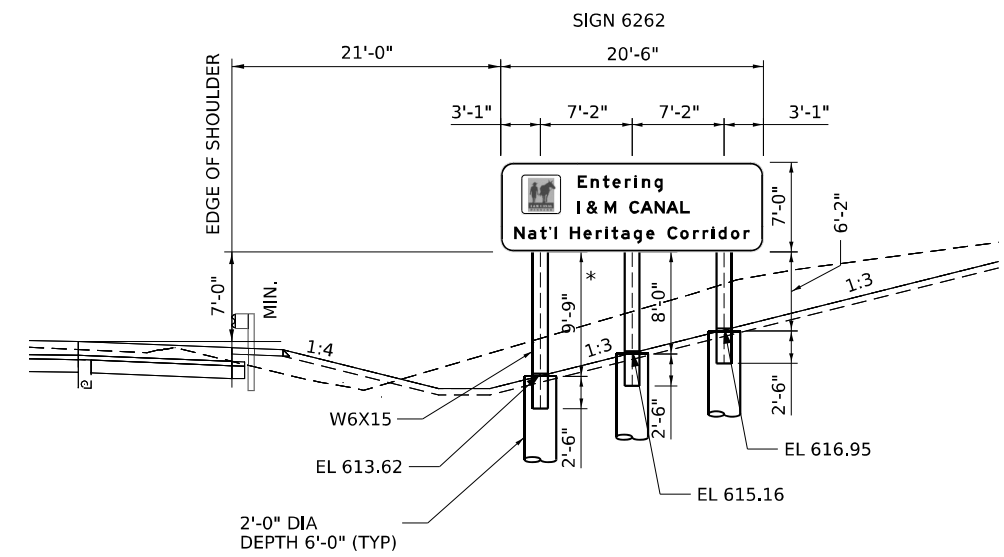
**SIGN MOUNTING DETAILS  
I-80**

SCALE: NONE SHEET 6 OF 7 SHEETS STA. TO STA.

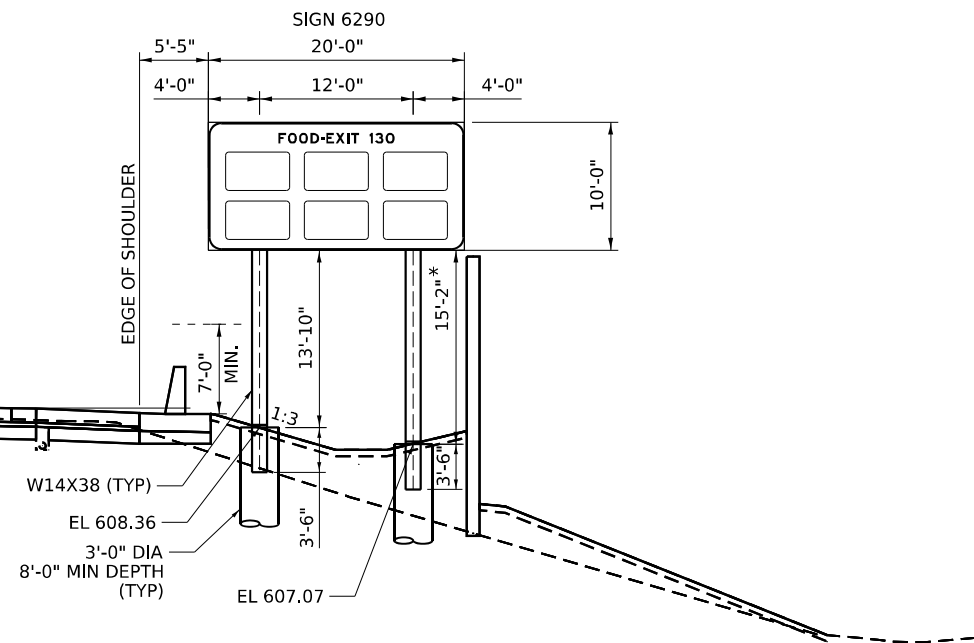
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
I-80	FAI 80 22 BR	WILL	1201	455
CONTRACT NO. 62R89				
ILLINOIS FED. AID PROJECT				



**SIGN 6261 (PROPOSED)  
BREAKAWAY SIGN SUPPORTS  
I-80 STA 626+17.00  
(LOOKING WEST)**



**SIGN 6262 (PROPOSED)  
BREAKAWAY SIGN SUPPORTS  
EB I-80 STA 626+62.00  
(LOOKING EAST)**



**SIGN 6290 (PROPOSED)  
BREAKAWAY SIGN SUPPORTS  
I-80 STA 629+08  
(LOOKING EAST)**

\*CLEAR HEIGHT

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	DATE - 10/6/23	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

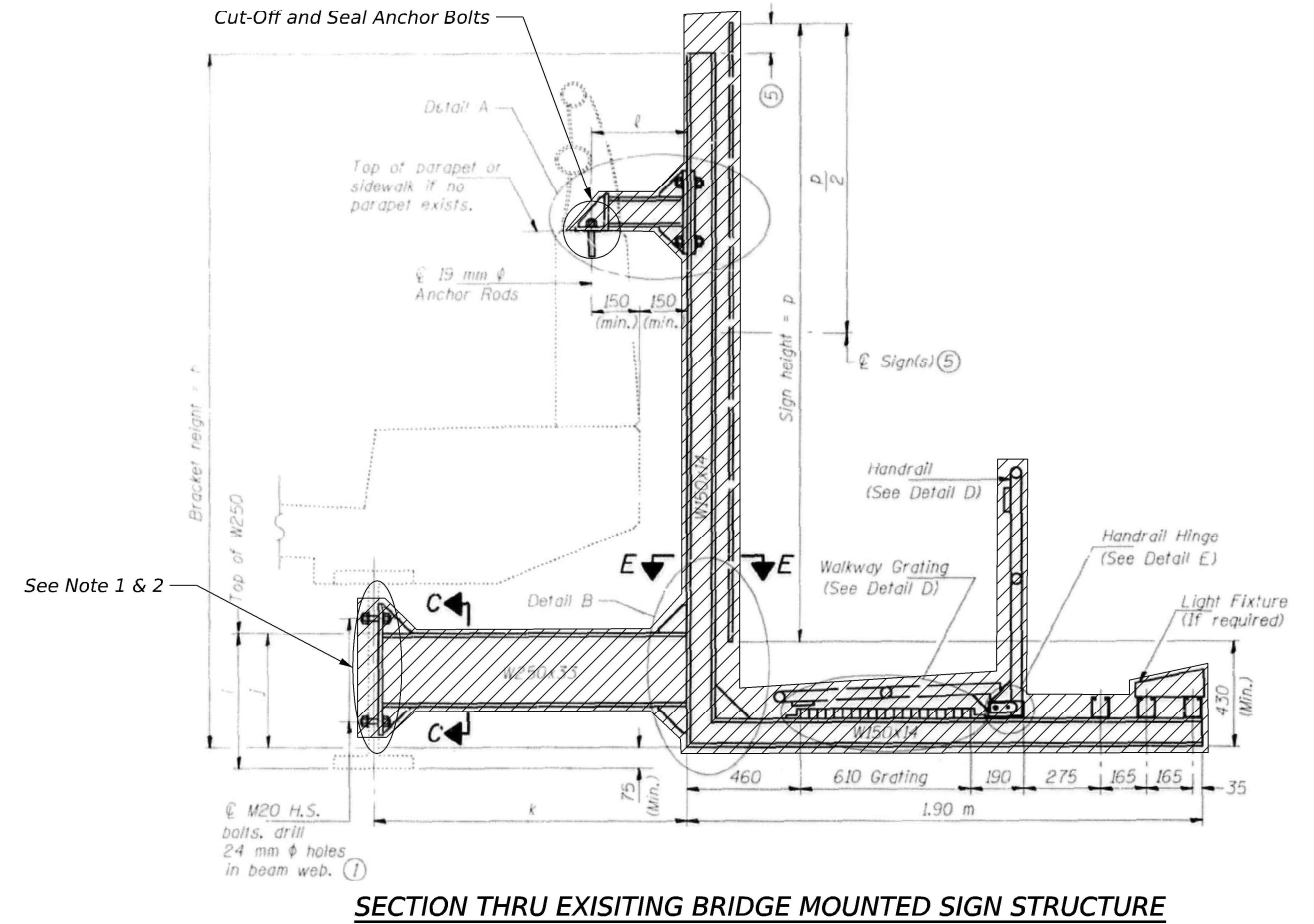
**SIGN MOUNTING DETAILS  
I-80**

SCALE: NONE SHEET 7 OF 7 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
I-80	FAI 80 22 BR	WILL	1201	456
CONTRACT NO. 62R89				
ILLINOIS FED. AID PROJECT				

**NOTES**

1. After bridge mounted sign brackets are removed, any open holes in existing fascia beams shall be filled with HS Bolts with washers. Bolts shall be 1" diameter ASTM A325. Type 1 hot-dipped galvanized. Cost shall be included with Remove Overhead Sign Structure-Bridge Mounted
2. The existing structural steel coating contains lead. The Contractor shall take appropriate precautions to deal with the presence of lead on this project. Areas on the existing fascia beam where the bridge mounted sign brackets are removed shall be cleaned per SSPC-SP15, Commercial Grade Power Tool Cleaning as specified by the Special Provision "Cleaning and Painting Contact Surface Areas of Existing Steel Structures". The existing steel shall be painted with an inorganic zinc rich primer per AASHTO M 300, Type 1. The color of the primer shall match the color of the existing steel paint. Cost shall be included with Remove Overhead Sign Structure- Bridge Mounted.
3. For details and location of removal of signings, see sheet 413



**LEGEND**  
 Remove Overhead Sign Structure-Bridge Mounted

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	DATE - 10/6/23	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**LARKIN BRIDGE MOUNT SIGN STRUCTURES  
REMOVAL DETAILS**

SCALE: SHEET 1 OF 6 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
I-80	FAI 80 22 BR	WILL	1201	457
CONTRACT NO. 62R89			ILLINOIS FED. AID PROJECT	

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

ROUTE NO.	SECTION	COUNTY	POST MILE	SHEET NO.
856		WILL	469	249
SHEETS				
•(28X-3VB&99-2HB-3)R				

GENERAL NOTES

**SPECIFICATIONS:**  
**DESIGN:** AASHTO Standard Specifications for Structural Supports for Highway Signs, Luminaires and Traffic Signals. ("AASHTO Specifications") (2)  
**MEASUREMENTS:** All dimensions are in millimeters (mm) except as noted.  
**CONSTRUCTION:** Current (at time of letting) Illinois Department of Transportation Standard Specifications for Road and Bridge Construction, Supplemental Specifications and Special Provisions. ("Standard Specifications")  
**LOADING:** 130 km/h WIND VELOCITY PLUS 30% GUST FACTOR  
**WIND LOADING:** 1.7 kPa normal to Sign Panel Area plus 2.3 kPa normal to truss elements not behind sign Loading Diagram.  
**WALKWAY LOADING:** Dead load plus 2.2 kN concentrated live load.  
**MINIMUM CLEARANCE:** 75 mm greater than bridge members at all locations. (All Obstructions)  
**WELDING:** All welds to be continuous unless otherwise shown. All welding to be done in accordance with current AWS D1.1 Structural Welding Code and the Standard Specifications.  
**MATERIALS:** All Structural Steel Pipe shall be ASTM A53 Grade B with a minimum yield of 241 MPa, or A500 Grade B or C with a minimum yield of 317 MPa. If A500 pipe is substituted for A53, then the outside diameter shall be as detailed and wall thickness greater than or equal to A53.  
 All Structural Steel Plates and Shapes shall conform to AASHTO M270 Gr. 36 or Gr. 50 (MB3 or M223 Gr. 50).  
**HIGH STRENGTH BOLTS:** All bolts, washers, nuts and locknuts shall satisfy the requirements of ASTM designation A307 unless noted as "H.S." which shall require AASHTO M164 (A325M), ASTM A449, or approved alternate. All fasteners shall be hot dip galvanized per AASHTO M232 unless otherwise specified.  
**STEEL PIPE:** DN (Diameter Nominal) indicates standard pipe size.  
**GALVANIZING:** All Steel Grating, Plates, Shapes and Pipe shall be Hot Dip Galvanized after fabrication in accordance with AASHTO M111. Painting is not permitted.  
**ANCHOR RODS:** All threaded rod conforming to ASTM A307M, 19 mm  $\phi$  x 305 mm long, each with one plate washer and locknut and be hot dip galvanized per AASHTO M232. They shall be either cast into the concrete or epoxy grouted in accordance with Section 584 of the Standard Specifications. Minimum embedment in concrete shall be 230 mm.

- Bracket spacing  $g \leq 1.8$  m max. Spacing shall be uniform if possible but may vary  $\pm 150$  mm to miss existing obstruction, trail post, light poles, web stiffeners, splice plates, etc.). Adjust bracket lengths accordingly on skewed structures.
- Any design modifications shall be based on the current version of applicable specifications and submitted for the Engineer's approval.
- Unit price includes grating, handrail, brackets, supports, anchor bolts, fasteners, fabrication, delivery, erection, field drilling and other necessary items. Limits of payment are based on grating length (cw, dw) unless otherwise specified. For Section A-A and dimensions k & l, see Base Sheet BM-2(M). For Safety Chain Details and Details D, F and G, see Base Sheet BM-4(M).
- If walkway bracket at safety chain location is behind sign, add angle to bracket. See detail on Base Sheet BM-4(M).

NUMBER	REVISION	DATE

TOTAL BILL of MATERIAL

OVERHEAD SIGN STRUCTURE - BRIDGE MOUNTED	m		
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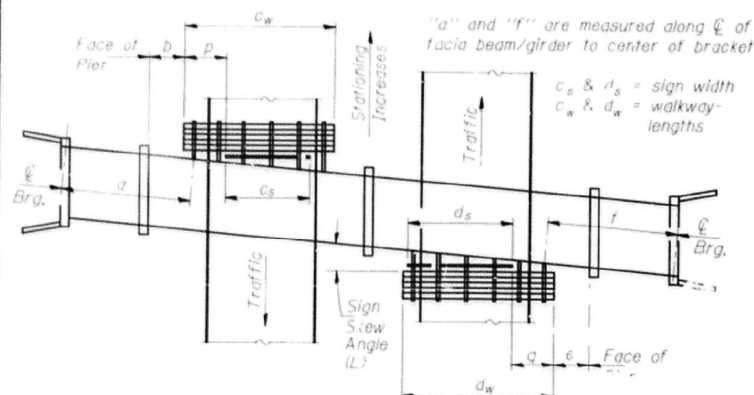
BRIDGE MOUNT SIGN STRUCTURES  
GENERAL PLAN AND ELEVATION

ILLINOIS DEPARTMENT OF TRANSPORTATION

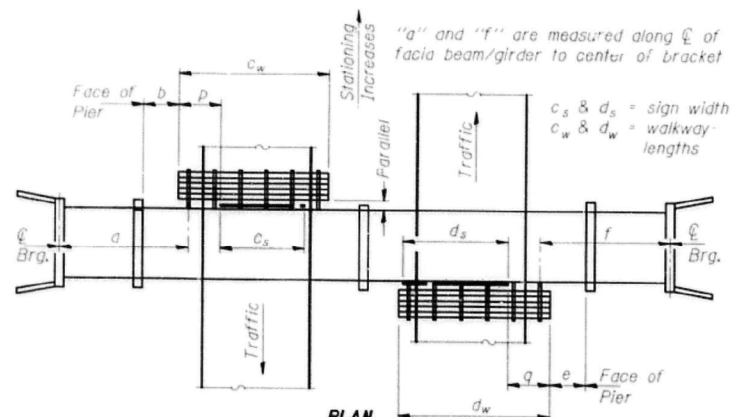
IL. RTE 7 AT I-80

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DATE : 5/07/99

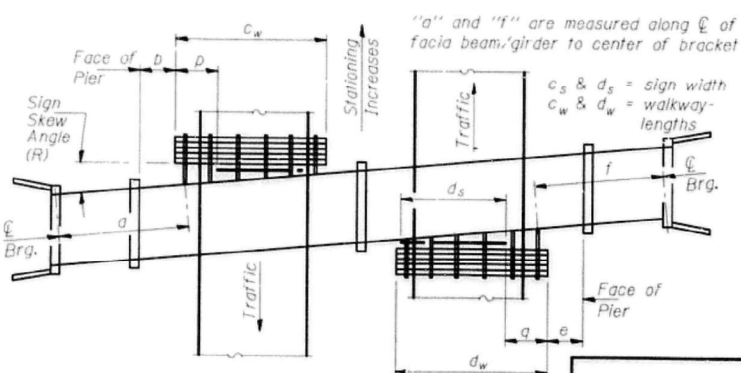
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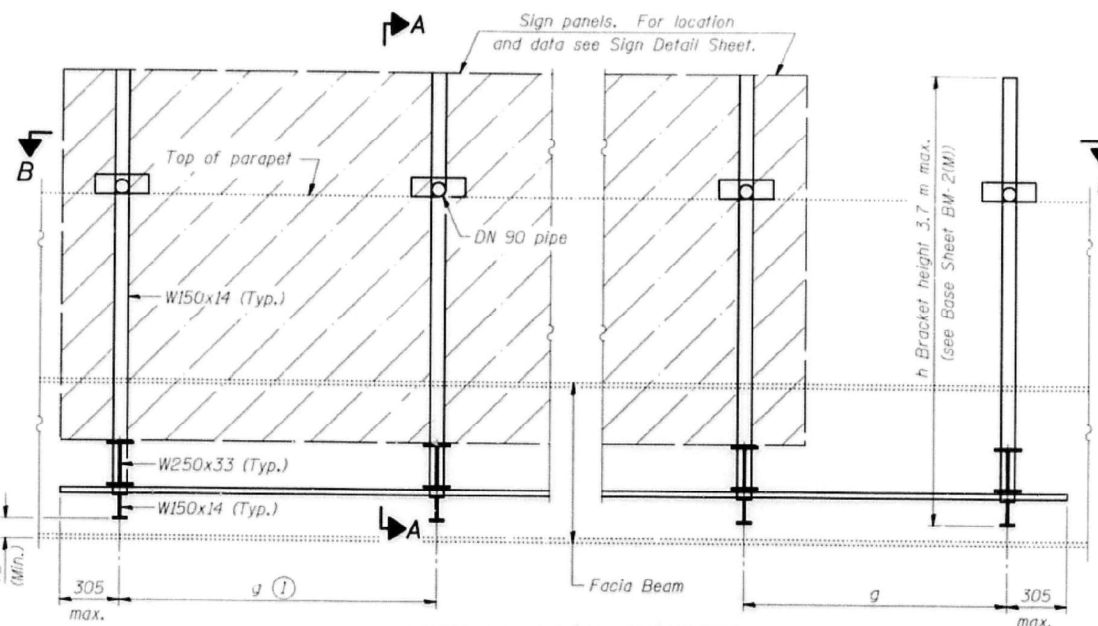
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(Left Sign Skew > 15°)  
**WALKWAY AND HANDRAIL SKETCH**  
(Road plan beneath structure varies.)



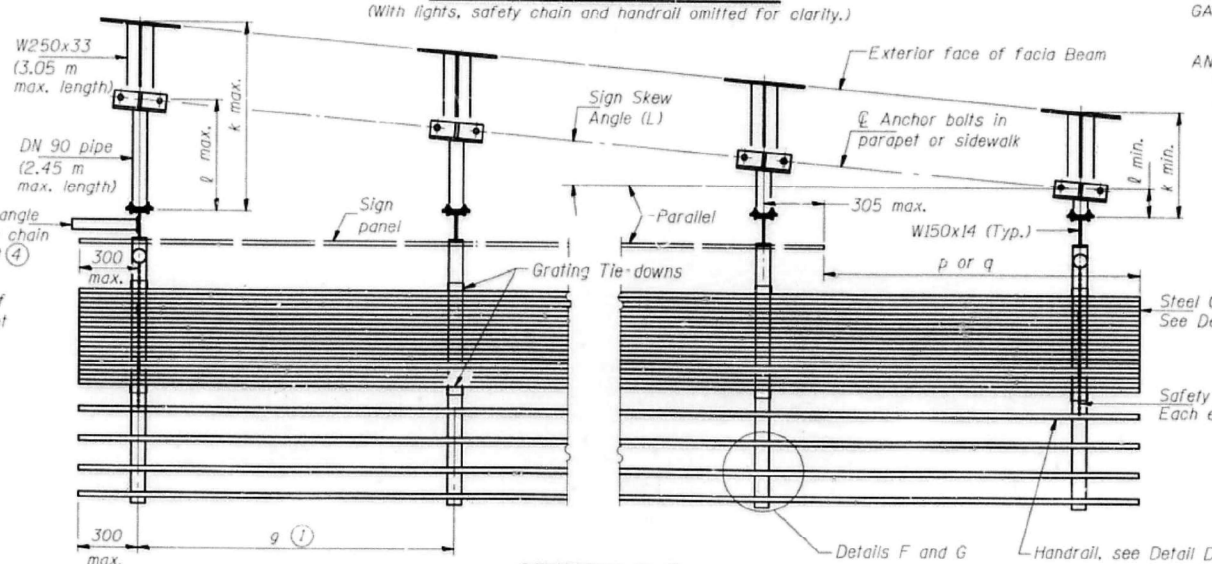
PLAN  
(For Sign Skew < 15°, all brackets constant)  
**WALKWAY AND HANDRAIL SKETCH**  
(Road plan beneath structure varies.)



PLAN  
(Right Sign Skew > 15°)  
**WALKWAY AND HANDRAIL SKETCH**  
(Road plan beneath structure varies.)



TYPICAL FRONT ELEVATION  
(With lights, safety chain and handrail omitted for clarity.)



SECTION B-B  
(Shown: Left Sign Skew > 15°)

Structure Number	Sign Skew Angle (L) or (R)	Bridge Station	Bridge Structure Number	Contract Route Designation	a	b	cs	cw	ds	dw	e	f	g	No. of Brackets (Total)	p	q	Total Grating/Handr. Lengths (cw + dw)
180991080R130	0°47'0"	11+552	099-0108	FAP 856	15.921	2.743	4.8	6.2	4.8	6.2	2.743	15.921	1.4	10	1.4	1.4	12.4

Dimensions a, b, e, f & g may vary as approved by the Engineer, see (1).  
When  $c_w < c_s$  and/or  $d_w < d_s$ , use alternate brackets without walkway supports where applicable, see (3).

DESIGNED  
CHECKED  
DRAWN  
CHECKED

EXAMINED  
PASSED  
ENGINEER OF STRUCTURAL SERVICES  
ENGINEER OF BRIDGES AND STRUCTURES

19

BM-1(M) 3/1/98

EXISTING PLANS  
FOR INFORMATION ONLY



USER NAME = amkluver  
PLOT SCALE = 0.1666667 / in.  
PLOT DATE = 10/5/2023

DESIGNED - PG  
DRAWN - PG  
CHECKED - LAB, MAI  
DATE - 10/6/23

REVISED -  
REVISED -  
REVISED -  
REVISED -

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

LARKIN BRIDGE MOUNT SIGN STRUCTURES  
EXISTING PLANS

SCALE: SHEET 2 OF 6 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
I-80	FAI 80 22 BR	WILL	1201	458
CONTRACT NO. 62R89				
ILLINOIS FED. AID PROJECT				

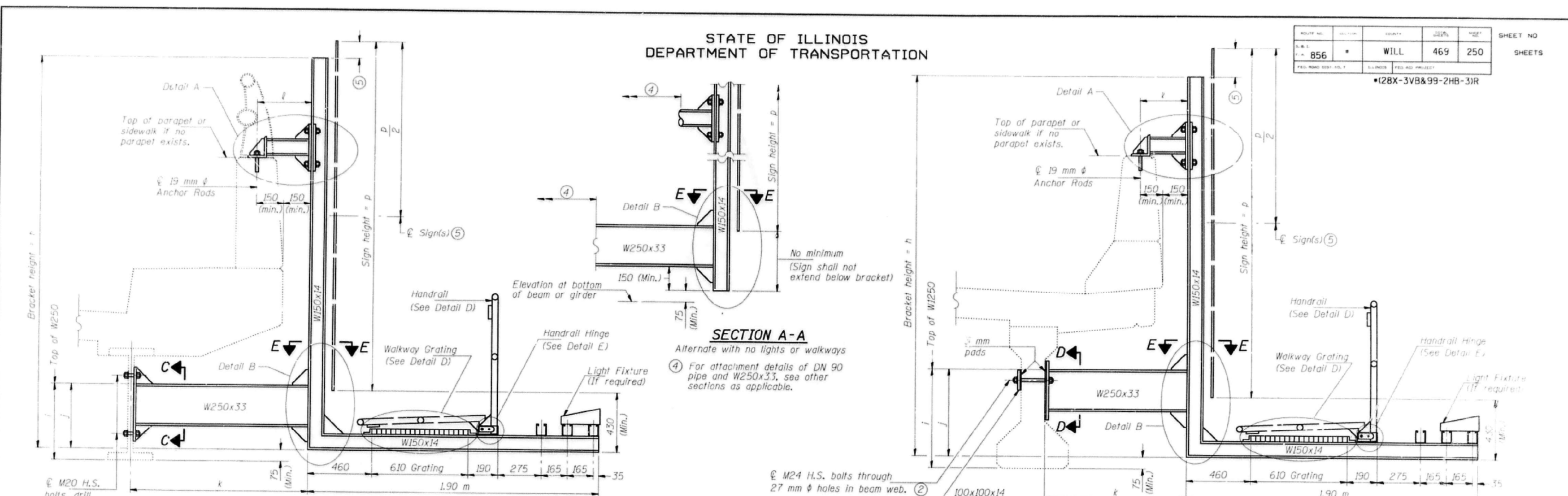
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**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

PROJECT NO.	SECTION	COUNTY	SHEETS	"JOB"	SHEET NO. <b>250</b>
856		WILL	469		
ILLINOIS	FED. AID PROJECT				

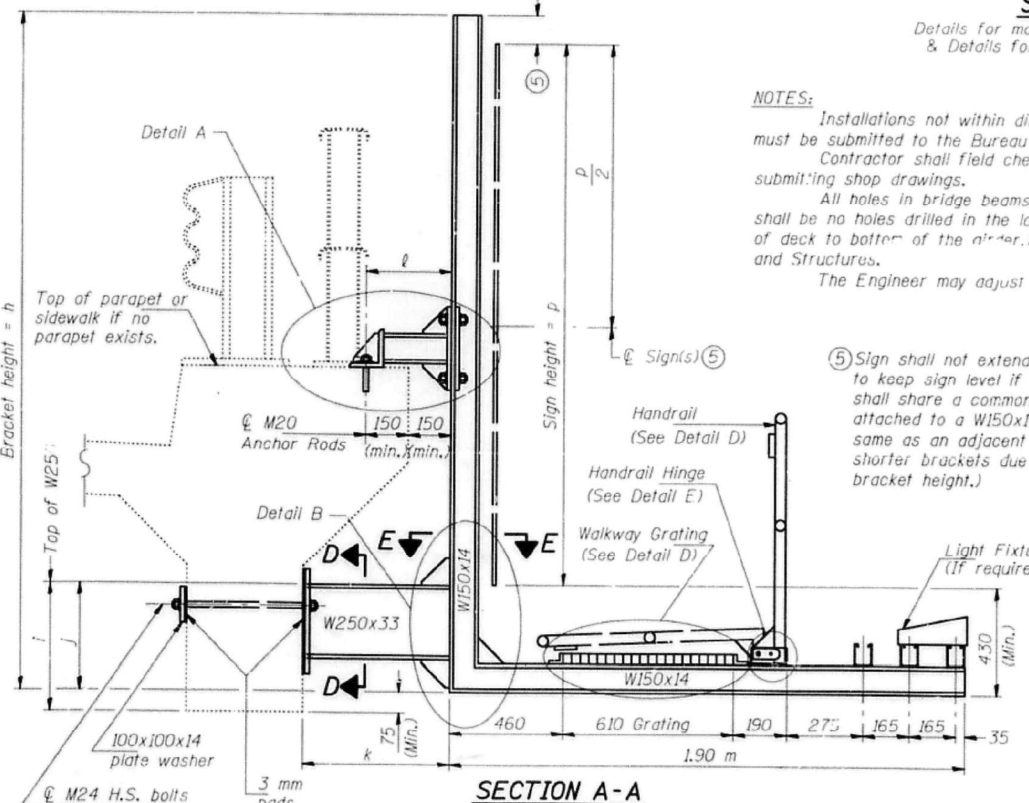
SHEETS  
**•(28X-3VB&99-2HB-3)R**



Structure Number	Station	h (3.70 m max.)	i	j	k max. (3.05 m max.)	l max. (2.45 m max.)	p (3.30 m max.)
180991080R130	11+552	3.3	.585	.45	3.0	VARIABLES	3.0

For Details A & B, Sections C-C, D-D and E-E, see Base Sheet BM-3(M).  
For Details D & E, see Base Sheet BM-4.

- Holes in new steel members may be drilled in the fabrication shop or in the field. Field drill existing members.
- For new PPC I beams, holes shall be formed during casting. For existing PPC I beams, prestressing strand locations shall be determined and spaced to miss strands by 150 mm min. Minimize spalling during field drilling of existing beams.
- For new construction, form holes. For existing RC beams, locate primary reinforcement and space holes to miss by 150 mm minimum. Minimize spalling and concrete fracturing/damage during field drilling of existing concrete. Spalls over 6 mm deep or beyond the coverage of the 100x100 plate washer shall be repaired with epoxy mortar before installing washer.



**NOTES:**  
Installations not within dimensional limits shown require special analysis for all components and must be submitted to the Bureau of Bridges and Structures for approval. Contractor shall field check all pertinent existing bridge dimensions shown on plans before submitting shop drawings.  
All holes in bridge beams or girders should be located in the middle half of the member. There shall be no holes drilled in the lower quarter of the member's depth. (For R.C. girder, depth = bottom of deck to bottom of the girder.) Proposed exceptions must be approved by the Bureau of Bridges and Structures.  
The Engineer may adjust dimension "i" to meet the above condition and to keep the sign level.

- Sign shall not extend more than 150 mm above top of bracket, and this dimension may vary to keep sign level if bridge is on grade or vertical curve. Multiple signs of various heights shall share a common horizontal centerline and use equal bracket heights. If no sign is attached to a W150x14 vertical (bracket only supporting walkway), dimension h shall be the same as an adjacent bracket with a sign attached, unless Engineer specifically directs shorter brackets due to locational restraints on future uses. (See Detail A for minimum bracket height.)

DESIGNED	19
CHECKED	EXAMINED
DRAWN	PASSED
CHECKED	

ENGINEER OF STRUCTURAL SERVICES  
ENGINEER OF BRIDGES AND STRUCTURES

NUMBER	REVISION	DATE

**EXISTING PLANS  
FOR INFORMATION ONLY**

**BRIDGE MOUNT SIGN STRUCTURES  
WALKWAY AND CONNECTION DETAILS**

**ILLINOIS DEPARTMENT OF TRANSPORTATION**

**IL. RTE 7 AT I-80**

SCALE : 1 : NTS  
DATE : 5/07/99

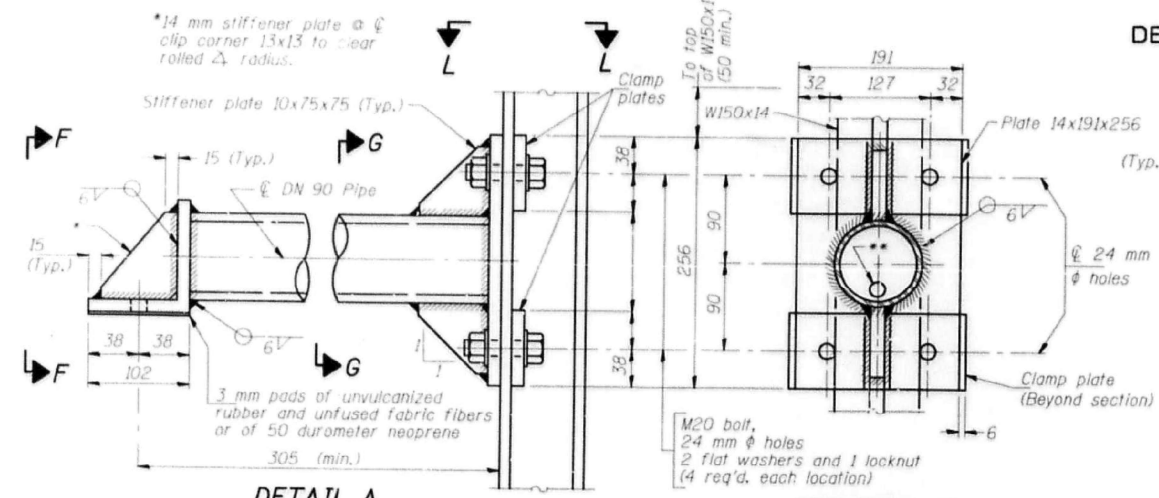
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**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

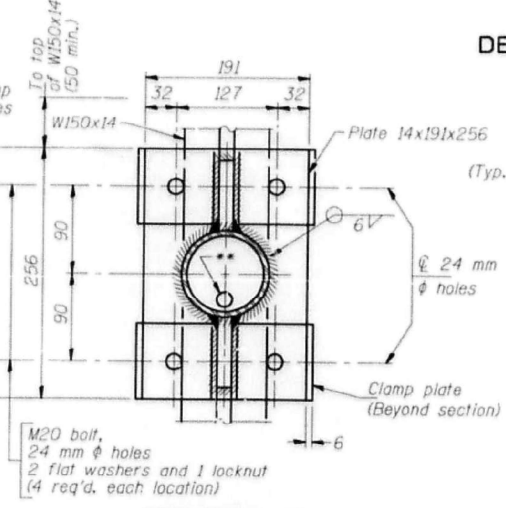
<b>LARKIN BRIDGE MOUNT SIGN STRUCTURES</b>		F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
<b>EXISTING PLANS</b>		I-80	FAI 80 22 BR	WILL	1201	459
SCALE:		SHEET 3 OF 6 SHEETS		CONTRACT NO. 62R89		
TO STA.		STA.		ILLINOIS FED. AID PROJECT		



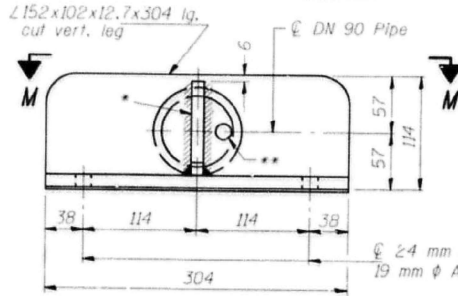
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	DRAWN	REVISED
	- PG	-
PLOT SCALE	CHECKED	REVIS
= 0.1666667 / in.	- LAB, MAI	-
PLOT DATE	DATE	REVISED
= 10/5/2023	- 10/6/23	-



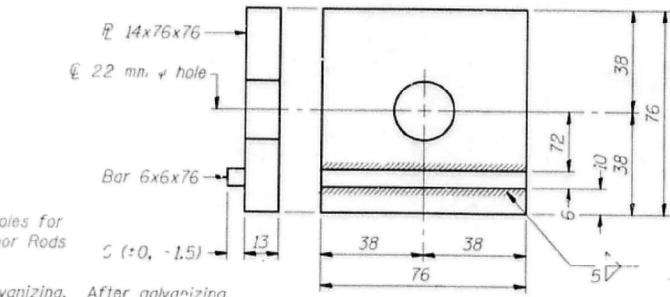
**DETAIL A**



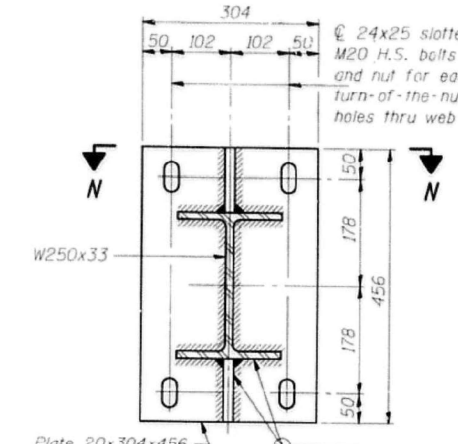
**SECTION G-G**



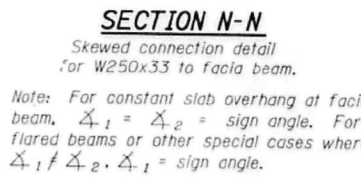
**VIEW F-F**



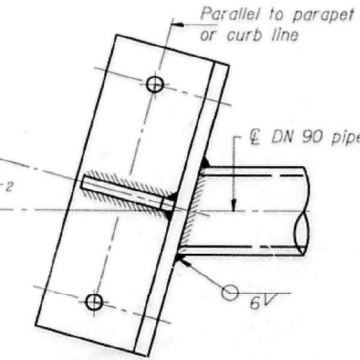
**CLAMP PLATE DETAILS**



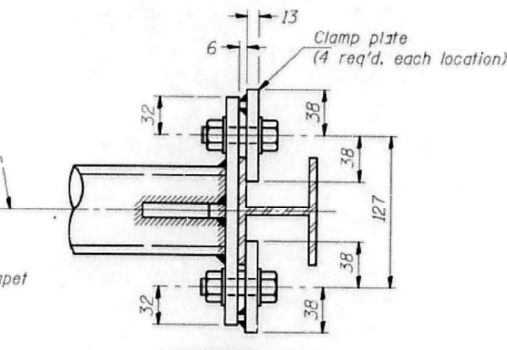
**SECTION C-C**



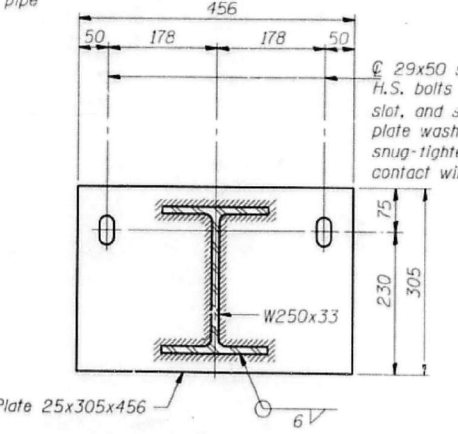
**SECTION N-N**



**SECTION M-M**



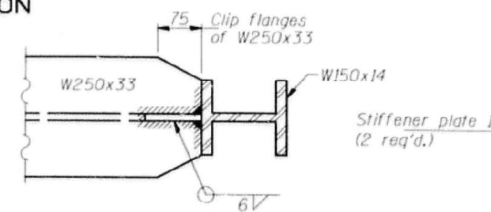
**SECTION L-L**



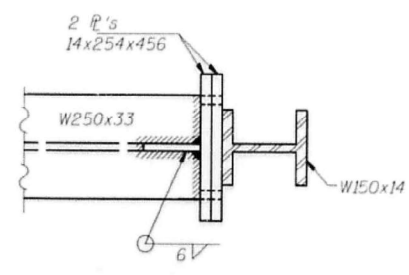
**SECTION D-D**

Concrete beam or girder connection plate details.

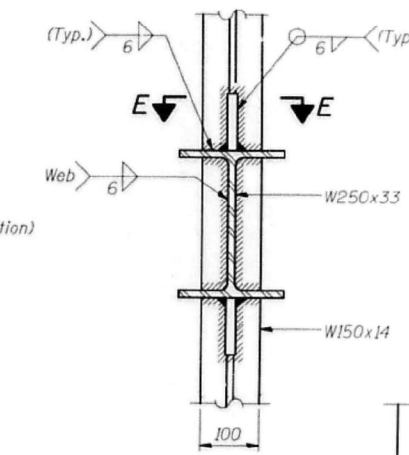
**DETAIL B - WELDED  
W250x33 TO W150x14 CONNECTION**



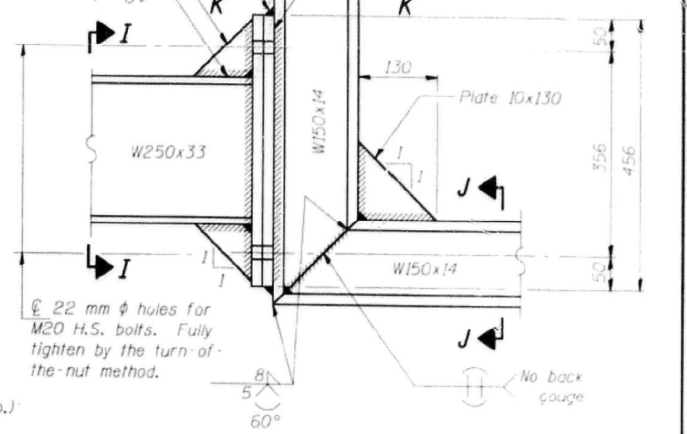
**SECTION E-E**



**SECTION K-K**

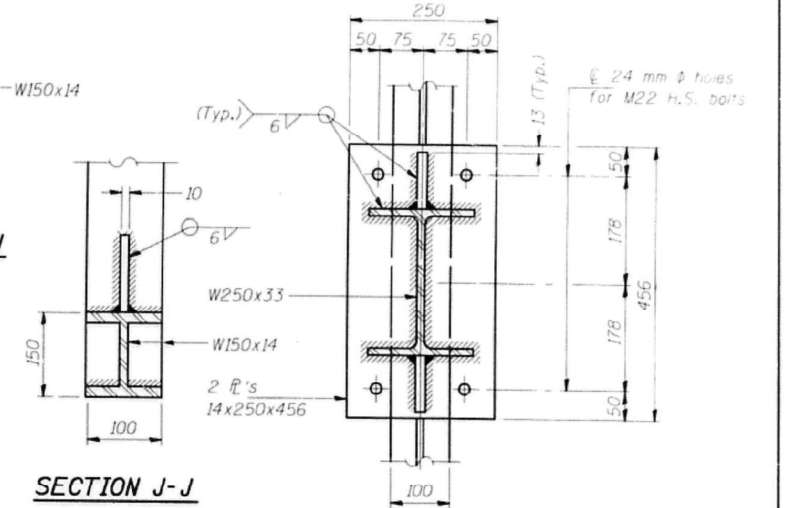


**SECTION H-H**



**DETAIL B - ALTERNATE BOLTED  
W250x33 TO W150x14 CONNECTION**

Alternate may be substituted by contractor to facilitate construction or galvanizing, especially on long struts for skewed bridges.



**SECTION J-J**

**SECTION I-I**

DESIGNED	19
CHECKED	
DRAWN	
CHECKED	

EXAMINED	ENGINEER OF STRUCTURAL SERVICES
PASSED	ENGINEER OF BRIDGES AND STRUCTURES

NUMBER	REVISION	DATE

BM-3(M) 3/1/98

**BRIDGE MOUNT SIGN STRUCTURES  
CONNECTION DETAILS**

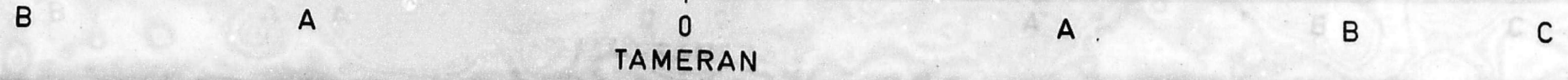
ILLINOIS DEPARTMENT OF TRANSPORTATION

**IL. RTE 7 AT I-80**

SCALE : 1 : NTS  
DATE : 5/07/99

DRAWN BY : BEC  
CHECKED BY : JDH

**EXISTING PLANS  
FOR INFORMATION ONLY**



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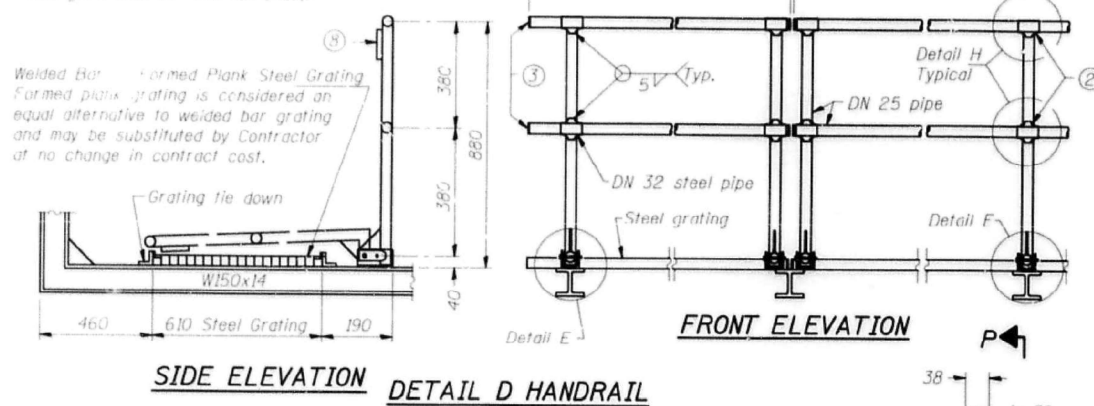
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DEPARTMENT OF TRANSPORTATION

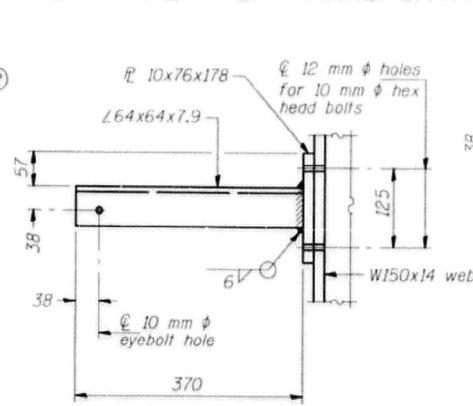
PROJECT NO.	SECTION	COUNTY	SHEET NO.	SHEET NO.
856		WILL	469	252
SHEETS				

③ Contractor shall install standard force fit end caps or weld 3 mm end plates with 3 mm c.f.w. and grind smooth. (All rail ends.)



FRONT ELEVATION

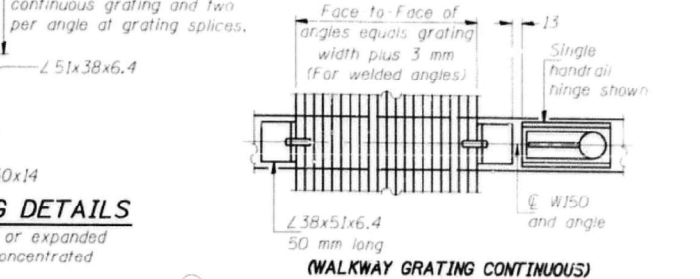
SIDE ELEVATION  
DETAIL D HANDRAIL



SECTION P-P

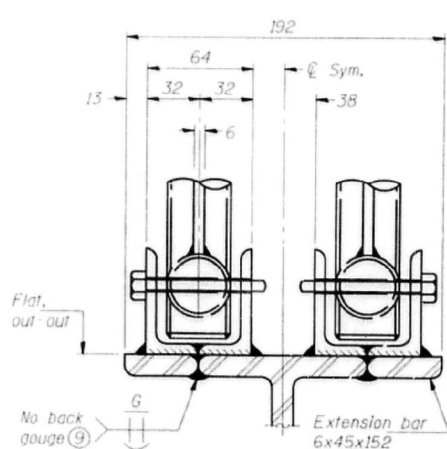
ALTERNATE FORMED PLANK GRATING DETAILS

Plank Grating: nominal depth = 64 (+13); perforated or expanded steel sheet with a non-skid surface (non-serrated) concentrated load capacity = 2.2 kN with 1.83 m clear span.



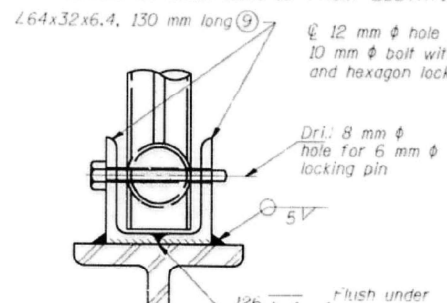
(AT WALKWAY GRATING SPLICE)  
PLAN

(Showing welded angles (4))



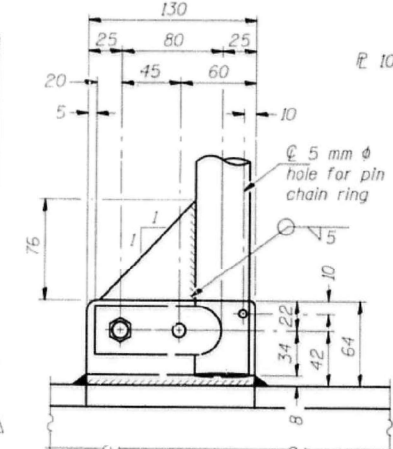
ELEVATION AT HANDRAIL JOINT

(Details not shown same as "FRONT ELEVATION")



FRONT ELEVATION

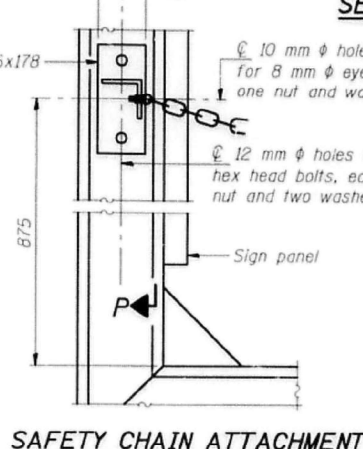
(See above Elevations for dimensions.)



SIDE ELEVATION

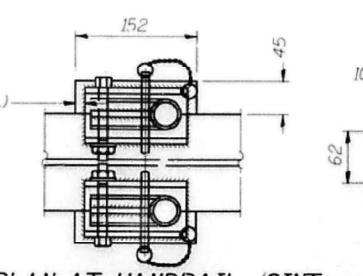
PLAN AT SINGLE HANDRAIL HINGE

DETAIL E



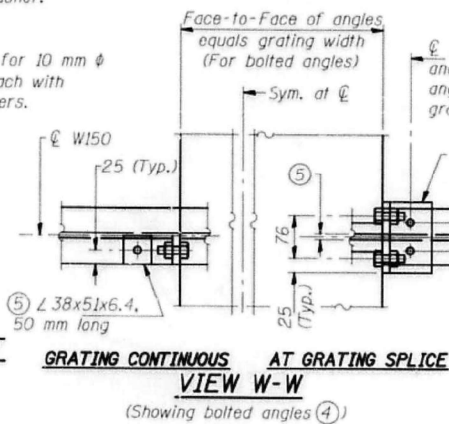
SAFETY CHAIN ATTACHMENT

(With Sign Present)  
Items not shown same as "SIDE ELEVATION" and "SAFETY CHAIN"



PLAN AT HANDRAIL JOINT

(For Details, see Elevations.)



GRATING CONTINUOUS AT GRATING SPLICE  
VIEW W-W

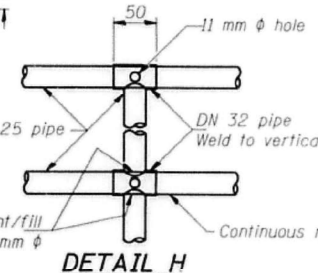
(Showing bolted angles (4))

SECTION F-F  
LIGHTING FIXTURE MOUNTS

(If required)

NOTES

- Drilling holes in grating may be done in shop or field, based on Contractor's preference and subject to accurate alignment.
- Horizontal rail member shall be continuous thru DN 32 pipe. Provide 12 mm phi hole in fitting for 10 mm phi bolt. Field drill 12 mm phi hole in horizontal rail member. Provide washer and locknut for bolt. (Use 8 mm eyebolts in 12 mm phi holes on top rail at ends only.)
- Grating tie-down angles may be either bolted to W150x14 after galvanizing or welded to W150x14 before galvanizing, at the Contractor's option. (No weld on grating side.)
- 10 mm (+6) gap between grating panels at splice.
- Pipe 19 mm min. into flange before welding. Slot pipe and flange to accept 10 mm gusset and weld together.
- Chain to be hot dip galvanized after manufacture and suitable for prolonged exterior exposure. Alternate materials may be substituted with the Engineer's approval. Approximately 1.07 m long chain per location. Maximum sag with handrail erected = 100 mm.
- 3x13x50 welded to handrail posts to protect locations that contact grating.
- Extrusions may be used in lieu of details shown, with approval by Engineer.
- Field cut ends of light support channels shall be free of burrs or hazardous projections and coated with zinc-rich primer or equivalent.

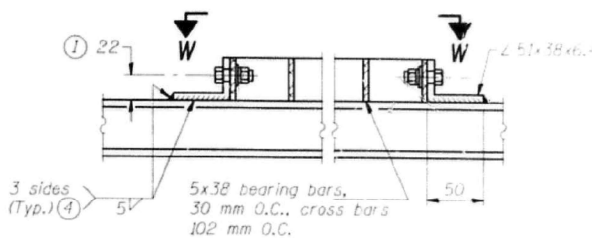


DETAIL H

Welds 5 mm continuous

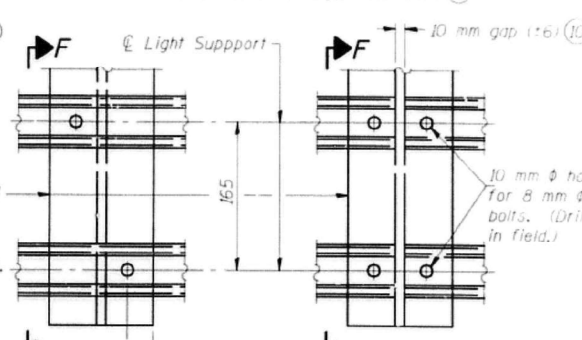
SAFETY CHAIN

One (1) required for each end of each walkway.



WELDED BAR GRATING DETAILS

(Showing optional welded angle attachment (4))



DETAIL F

DETAIL G

BRIDGE MOUNT SIGN STRUCTURES  
WALKWAY DETAILS

ILLINOIS DEPARTMENT OF TRANSPORTATION

IL. RTE 7 AT I-80

SCALE: 1 : NTS  
DATE: 5/07/99

DRAWN BY: BEC  
CHECKED BY: JDH

EXISTING PLANS  
FOR INFORMATION ONLY

NUMBER	REVISION	DATE

DESIGNED			
CHECKED			
DRAWN			
CHECKED			

EXAMINED  
PASSED  
ENGINEER OF STRUCTURAL SERVICES  
ENGINEER OF BRIDGES AND STRUCTURES

BM-4(M) 3/1/98



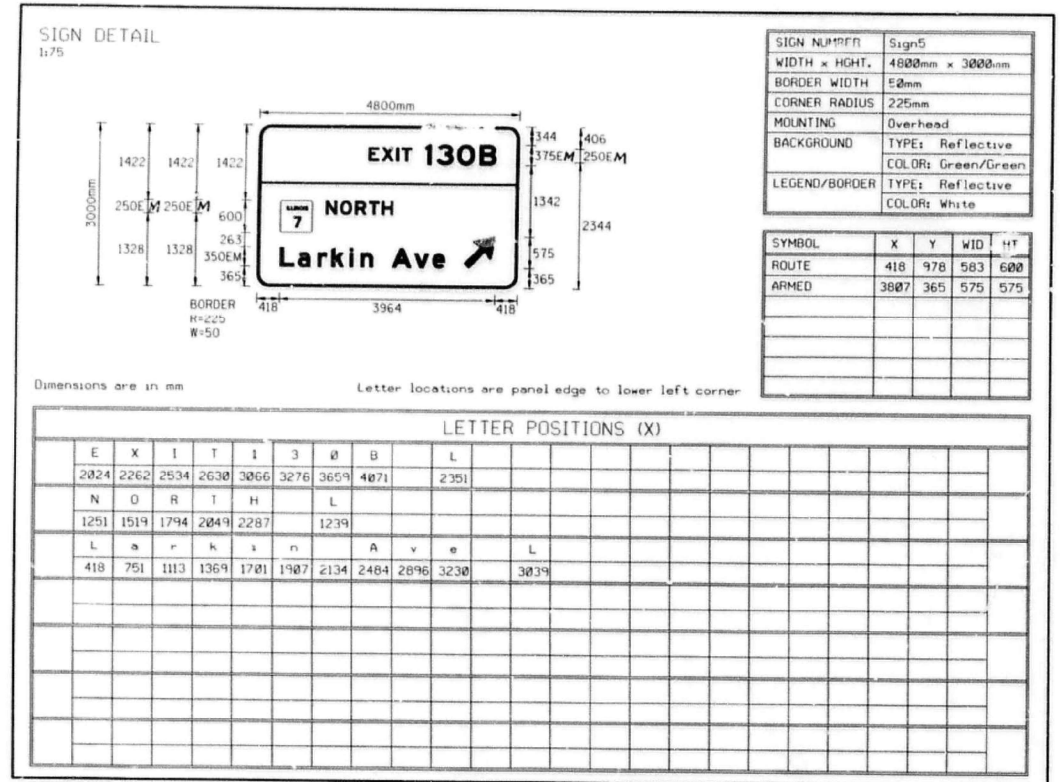
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DRAWN	- PG
CHECKED	- LAB, MAI
PLOT DATE	= 10/5/2023
DATE	- 10/6/23
REVISED	-

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

LARKIN BRIDGE MOUNT SIGN STRUCTURES  
EXISTING PLANS

SCALE: SHEET 5 OF 6 SHEETS STA. TO STA.

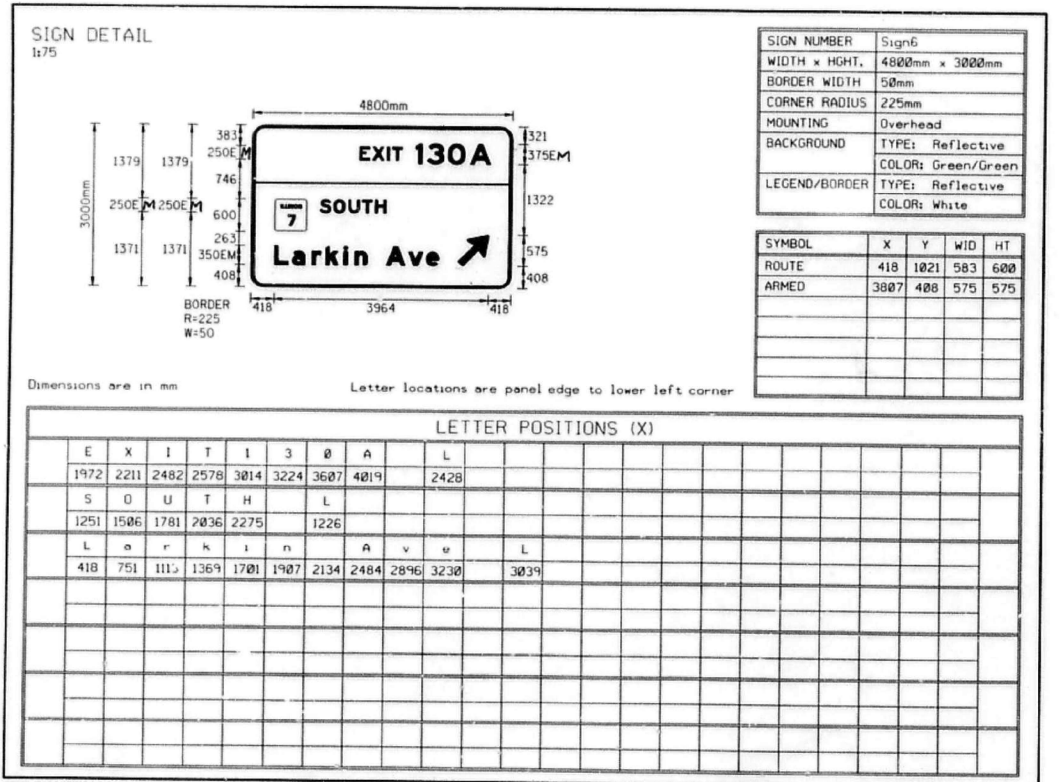
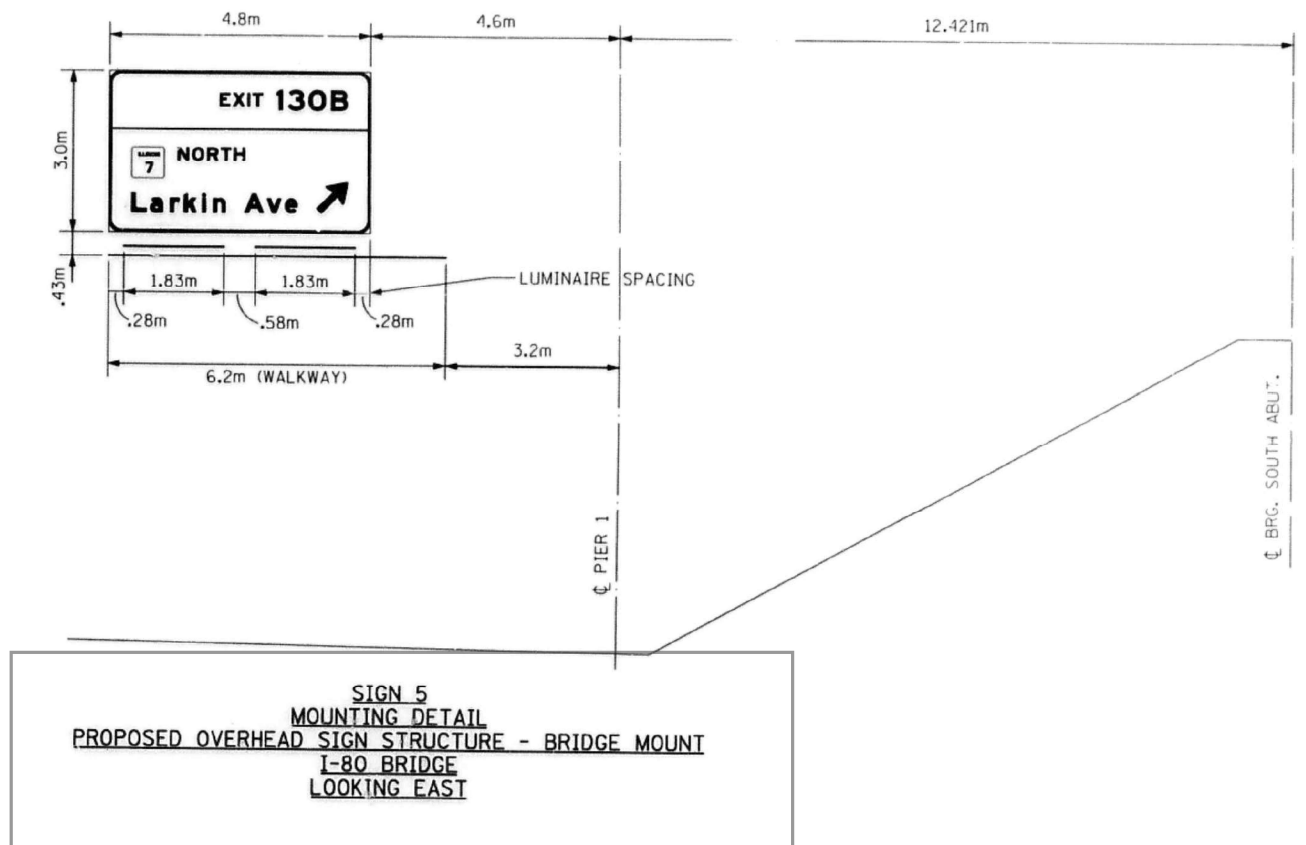
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
I-80	FAI 80 22 BR	WILL	1201	461
CONTRACT NO. 62R89				
ILLINOIS FED. AID PROJECT				



SIGN NUMBER	Sign5
WIDTH x HGT.	4800mm x 3000mm
BORDER WIDTH	50mm
CORNER RADIUS	225mm
MOUNTING	Overhead
BACKGROUND	TYPE: Reflective COLOR: Green/Green
LEGEND/BORDER	TYPE: Reflective COLOR: White

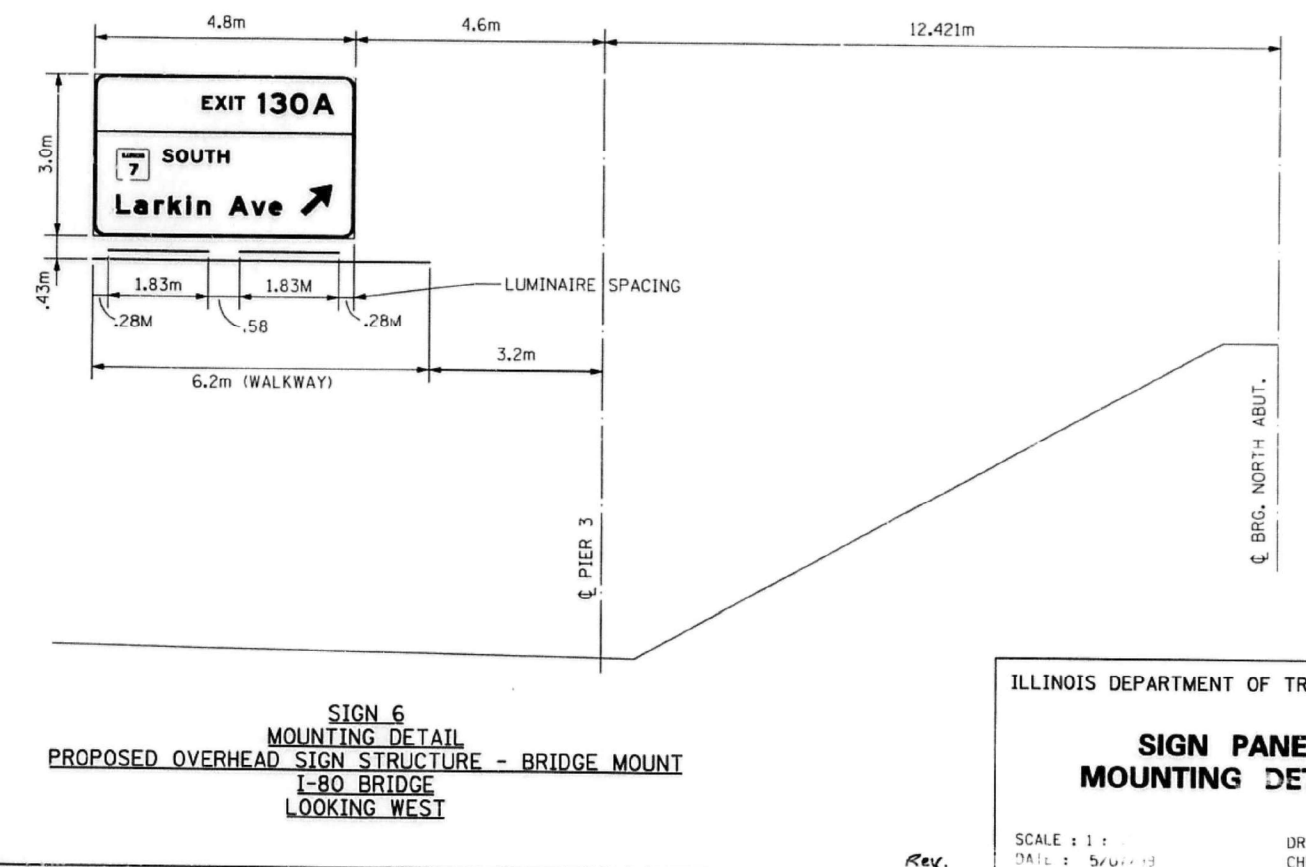
SYMBOL	X	Y	WID	HT
ROUTE	418	978	583	600
ARMED	3807	365	575	575



SIGN NUMBER	Sign6
WIDTH x HGT.	4800mm x 3000mm
BORDER WIDTH	50mm
CORNER RADIUS	225mm
MOUNTING	Overhead
BACKGROUND	TYPE: Reflective COLOR: Green/Green
LEGEND/BORDER	TYPE: Reflective COLOR: White

SYMBOL	X	Y	WID	HT
ROUTE	418	1021	583	600
ARMED	3807	408	575	575



ILLINOIS DEPARTMENT OF TRANSPORTATION

**SIGN PANEL MOUNTING DETAILS**

SCALE: 1 : 1  
DATE: 5/20/23

DRAWN BY: BEC  
CHECKED BY: JDH

**EXISTING PLANS FOR INFORMATION ONLY**

MODEL: BL\_P0\_180 - Plan 1 (Sheet)  
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USER NAME = amkluver  
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 PLOT DATE = 10/5/2023  
 DATE - 10/6/23

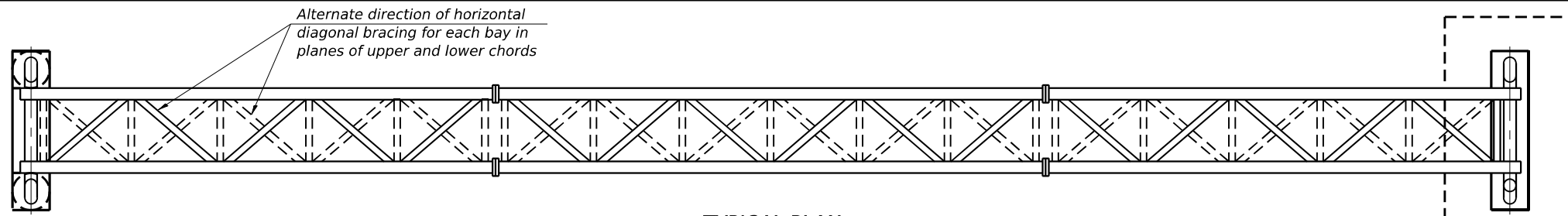
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 DEPARTMENT OF TRANSPORTATION

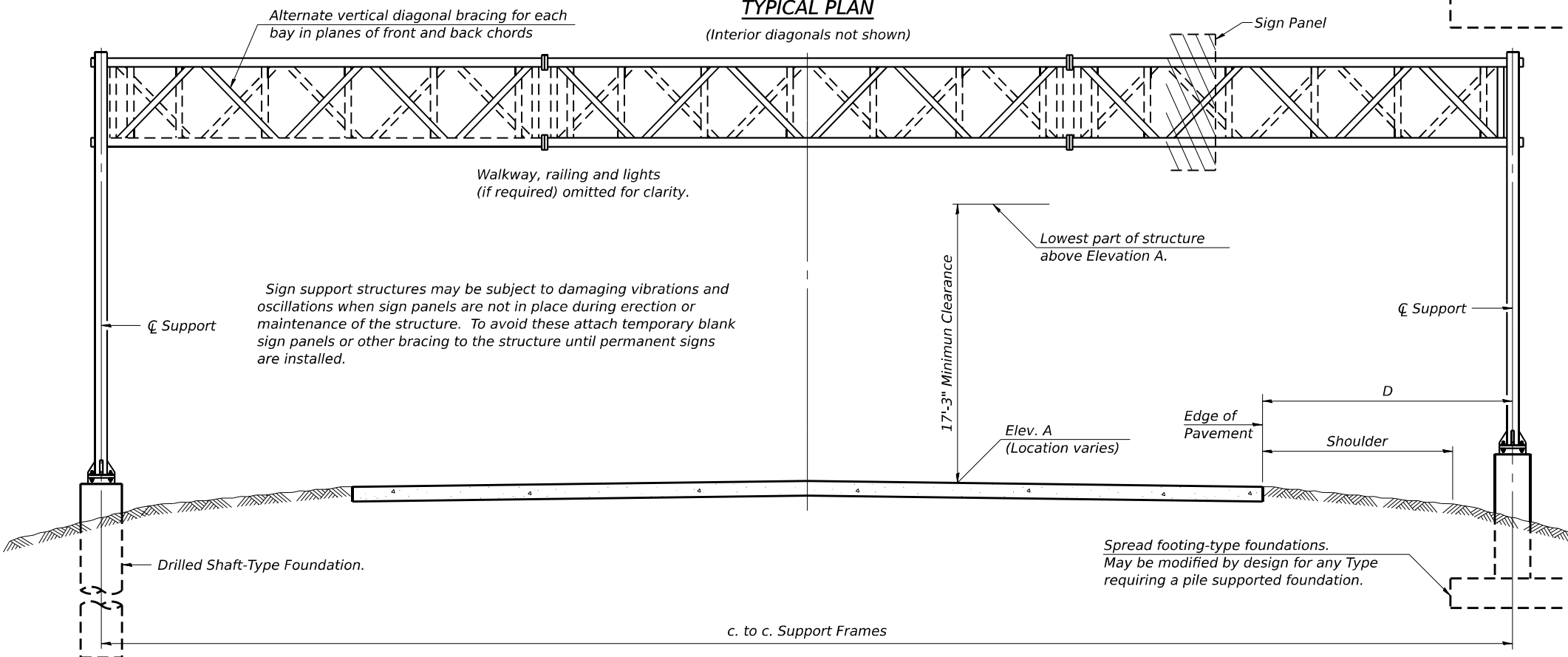
LARKIN BRIDGE MOUNT SIGN STRUCTURES  
 EXISTING PLANS

SCALE: SHEET 6 OF 6 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
I-80	FAI 80 22 BR	WILL	1201	462
CONTRACT NO. 62R89				
ILLINOIS FED. AID PROJECT				



**TYPICAL PLAN**  
(Interior diagonals not shown)



**TYPICAL ELEVATION**  
(Looking at Face of Signs)\*\*

**GENERAL NOTES**

**DESIGN:** AASHTO Standard Specifications for Structural Supports for Highway Signs, Luminaires and Traffic Signals. ("AASHTO Specifications")

**CONSTRUCTION:** Current (at time of letting) Illinois Department of Transportation Standard Specifications for Road and Bridge Construction, Supplemental Specifications and Special Provisions. ("Standard Specifications")

**LOADING:** 90 M.P.H. WIND VELOCITY

**WALKWAY LOADING:** Dead load plus 500 lbs. concentrated live load.

**DESIGN STRESSES:**  
Field Units  
f<sub>c</sub> = 3,500 p.s.i.  
f<sub>y</sub> = 60,000 p.s.i. (reinforcement)

**WELDING:** All welds to be continuous unless otherwise shown. All welding to be done in accordance with current AWS D1.1 and D1.2 Structural Welding Codes (Steel and Aluminum) and the Standard Specifications.

**MATERIALS:** Aluminum Alloys as shown throughout plans. All Structural Steel Pipe shall be ASTM A53 Grade B or A500 Grade B or C. If A500 pipe is substituted for A53, then the outside diameter shall be as detailed and wall thickness greater than or equal to A53. All Structural Steel Plates and Shapes shall conform to AASHTO M270 Gr. 36, Gr. 50 or Gr. 50W\*. Stainless steel for shims, sleeves and handhole covers shall be ASTM A240, Type 302 or 304, or another alloy suitable for exterior exposure and acceptable to the Engineer. The steel pipe and stiffening ribs at the base plate for the column shall have a minimum longitudinal Charpy V-Notch (CVN) energy of 15 lb.-ft. at 40° F. (Zone 2) before galvanizing.

**FASTENERS FOR ALUMINUM TRUSSES:** All bolts noted as "high strength" must satisfy the requirements of AASHTO M164 (ASTM A325), or approved alternate, and must have matching lock nuts. Threaded studs for splices (if Members interfere) must satisfy the requirements of ASTM A449, ASTM A193, Grade B7, or approved alternate, and must have matching lock nuts. Bolts and lock nuts not required to be high strength must satisfy the requirements of ASTM A307. All bolts and lock nuts must be hot dip galvanized per AASHTO M232. The lock nuts must have nylon or steel inserts. A stainless steel flat washer conforming to ASTM A240 Type 302 or 304, is required under both head and nut or under both nuts where threaded studs are used. High strength bolt installation shall conform to Article 505.04 (f) (2)d of the IDOT Standard Specifications for Road and Bridge Construction. Rotational capacity ("ROCAP") testing of bolts will not be required.

**U-BOLTS AND EYEBOLTS:** U-Bolts and Eyebolts must be produced from ASTM A276 Type 304, 304L, 316 or 316L, Condition A, cold finished stainless steel, or an equivalent material acceptable to the Engineer. All nuts for U-Bolts and Eyebolts must be lock nuts equivalent to ASTM A307 with nylon or steel inserts and hot dip galvanized per AASHTO M232. A stainless steel flat washer conforming to ASTM A240, Type 302 or 304, is required under each U-Bolt and Eyebolt lock nut.

**GALVANIZING:** All Steel Grating, Plates, Shapes and Pipe shall be Hot Dip Galvanized after fabrication in accordance with AASHTO M111. Painting is not permitted.

**ANCHOR RODS:** Shall conform to ASTM F1554 Gr. 105.

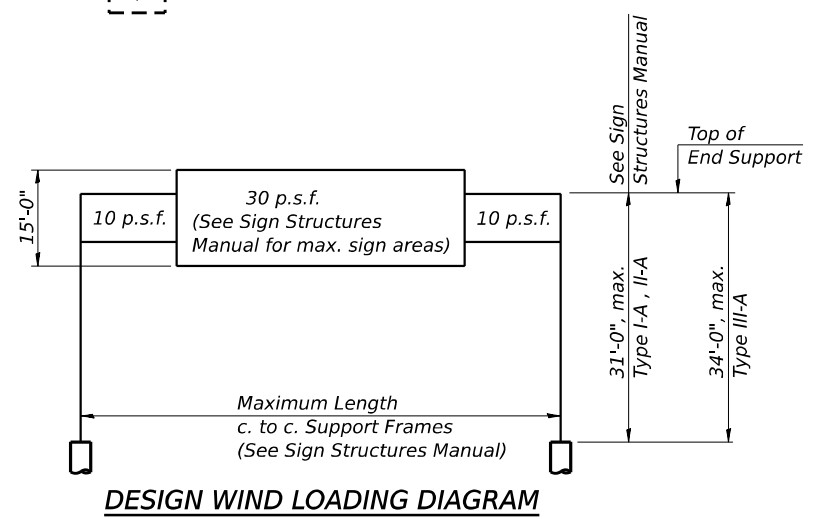
**CONCRETE SURFACES:** All concrete surfaces above an elevation 6" below the lowest final ground line at each foundation shall be cleaned and coated with Concrete Sealer in accordance with the Standard Specifications.

**REINFORCEMENT BARS:** Reinforcement Bars designated (E) shall be epoxy coated in accordance with the Standard Specifications.

**FOUNDATIONS:** The contract unit price for Concrete Foundations and Drilled Shaft Concrete Foundations shall include reinforcement bars complete in place.

**TOTAL BILL OF MATERIAL**

ITEM	UNIT	TOTAL
Overhead Sign Structure - Span, Type I-A (4'-0" X 4'-6")	Foot	247.0
Drilled Shaft Concrete Foundations	Cu Yd	78.0



**DESIGN WIND LOADING DIAGRAM**

Parameters shown are basis for I.D.O.T. Standards and Sign Manual Tables. Installations not within dimensional limits shown require special analysis for all components.

**WALKWAY:** Walkway grating, walkway brackets, handrails, lighting, and associated components shown in the plans on the traffic side of the sign structure/sign panel will not be installed with Contract 62R89. The truss grating and maintenance walkway behind the sign panel will be included with Overhead Sign Structure - Span, Type I-A (4'-0" X 4'-6").

Structure Number	Station	Design Truss Type	c. to c. Supports	Elev. A	Dim. D	Height of Tallest Sign	Total Sign Area
1S0991080R130.3	572+13.49	I-A	77'-0"	627.78	15'-6"	13'-0"	565.25 Sq. Ft.
1S0991080L130.9	606+33.24	I-A	85'-0"	642.34	23'-6"	13'-0"	378 Sq. Ft.
1S0991080L131.2	617+25.00	I-A	85'-0"	642.28	23'-6"	13'-0"	208 Sq. Ft.

\*\*Looking upstation for structures with signs both sides.

\*If M270 Gr. 50W (M222) steel is proposed, chemistry for plate to be used shall first be approved by the Engineer as suitable for galvanizing and welding.



Signed Moussa A. Issa  
Dr. Moussa A. Issa, S.E. II. Lic. No. 081-005738  
Expires 11-30-2024  
Date 6/21/2023 For Sheets 1 thru 14  
(Total of 14 Sheets)

MODEL: BL\_00\_Plan\_1 (Sheet) FILE NAME: p:\projects\2023\62R89\Drawings\CAD\23-Structures\Overhead Sign Structures\23-Structures\Structures\Overhead Sign Structures\01-23-Structures\STRUCTURE-01-01.dwg



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PLOT SCALE = 0.1666667 / in.	DRAWN - AGJ	REVISED -
PLOT DATE = 10/5/2023	CHECKED - JMG, MAI	REVISED -
	DATE - 10/6/23	REVISED -

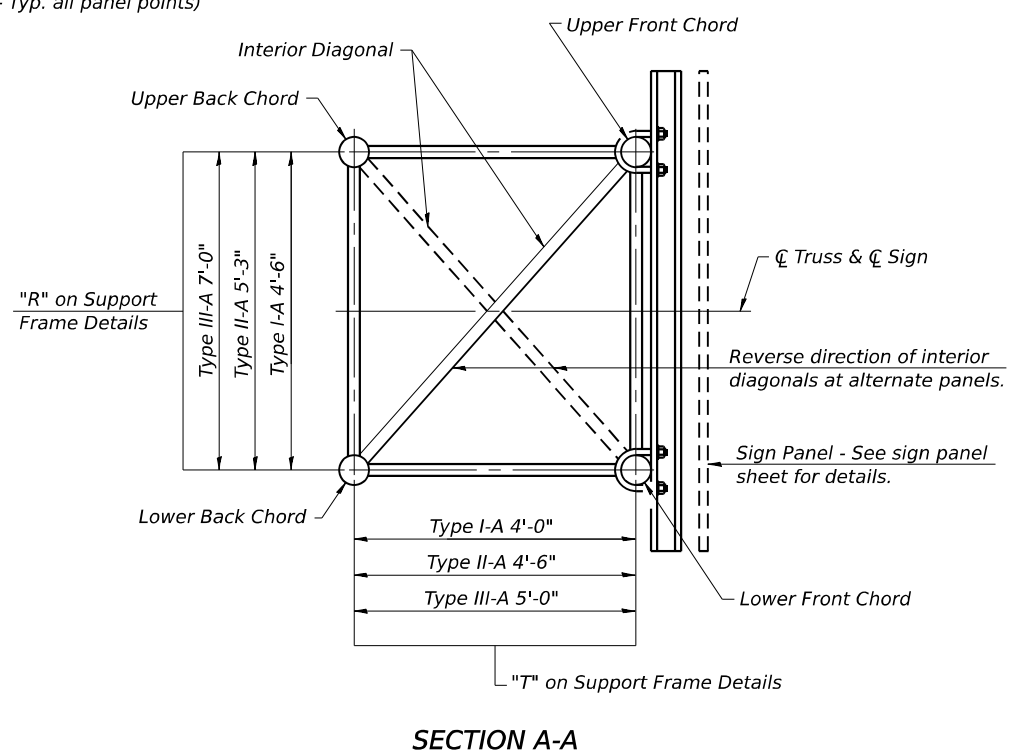
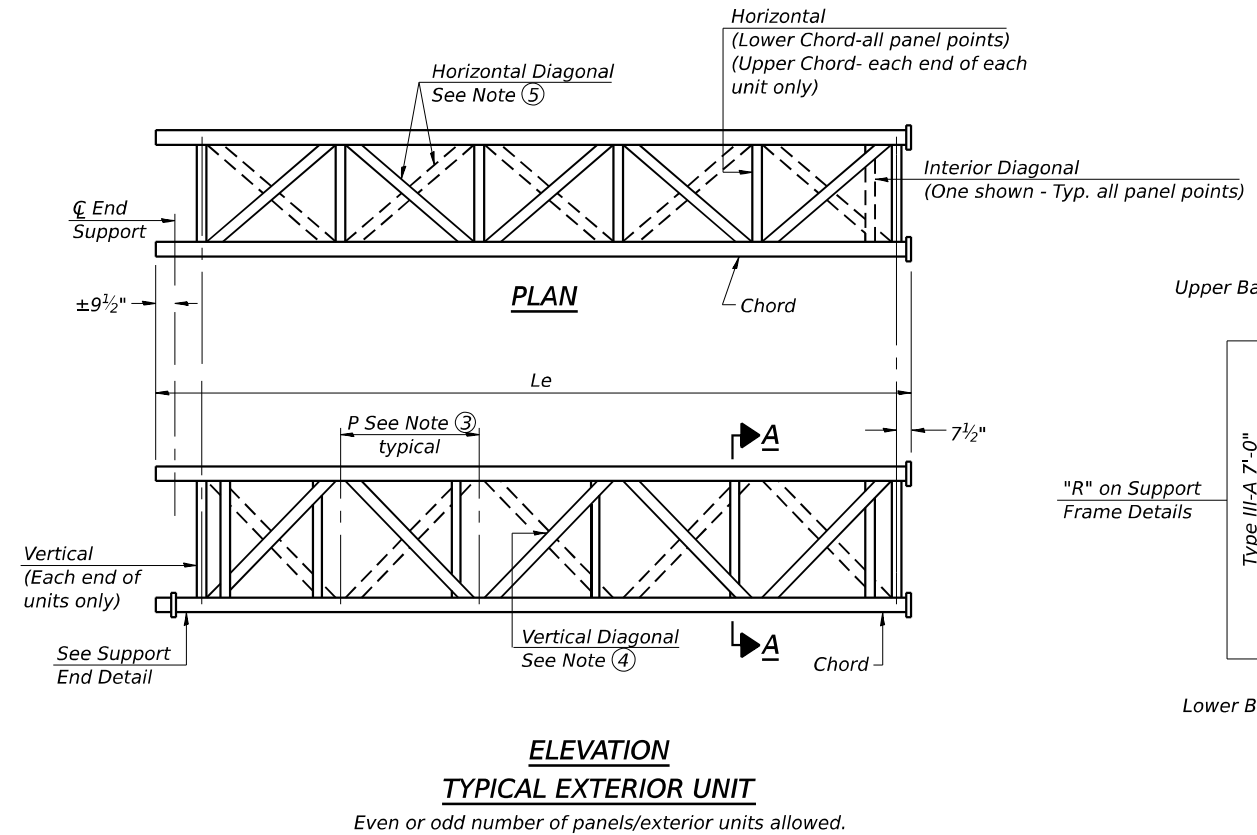
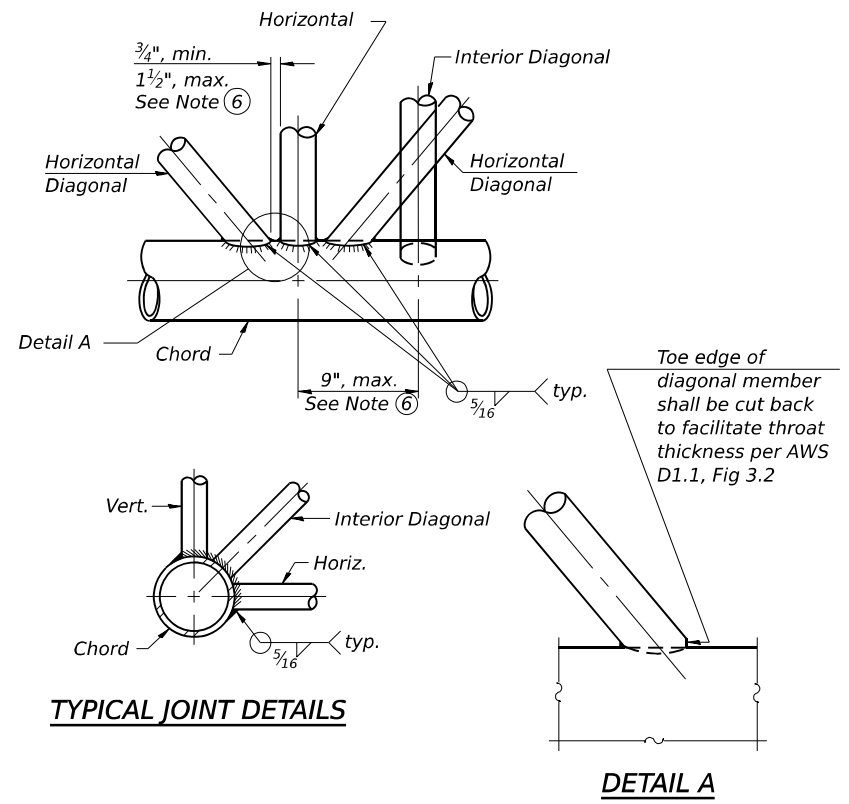
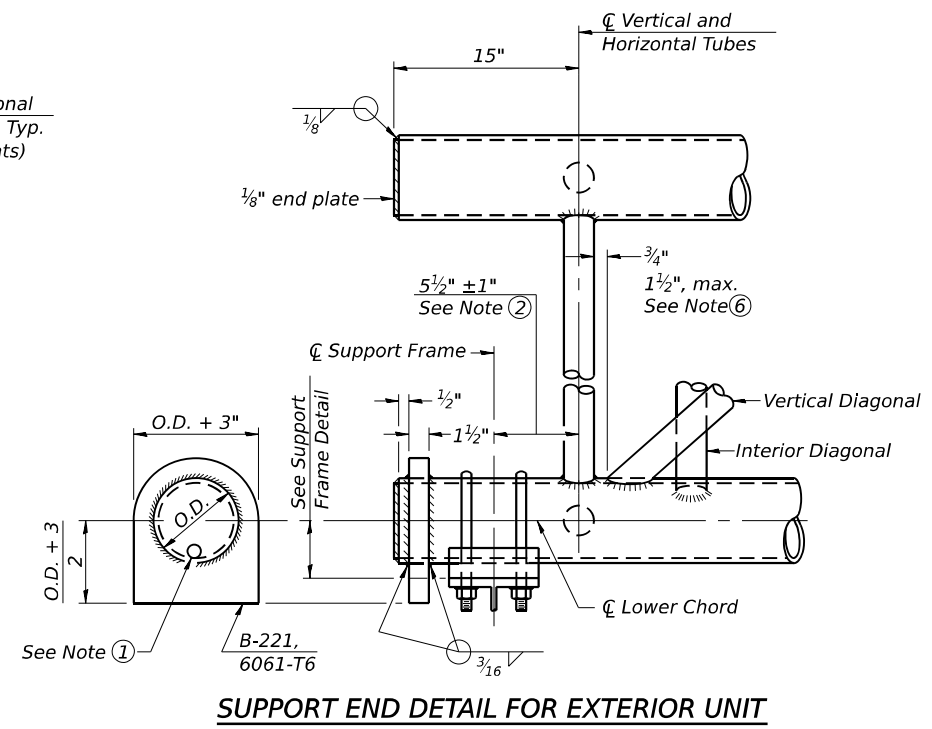
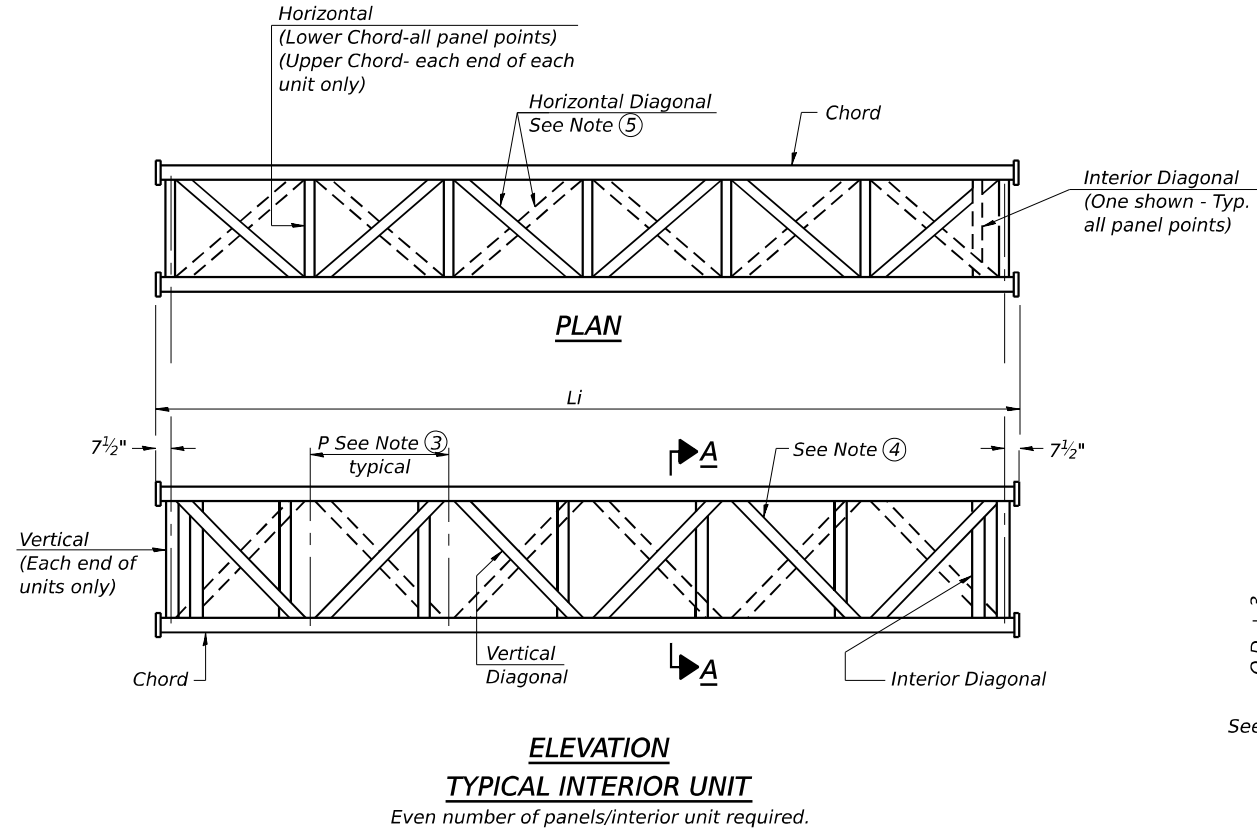
**STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION**

**OVERHEAD SIGN STRUCTURE - GENERAL PLAN & ELEVATION - ALUMINUM TRUSS & STEEL SUPPORTS**

SCALE: NONE SHEET 1 OF 24 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
I-80	FAI 80 22 BR	WILL	1201	463
CONTRACT NO. 62R89				
ILLINOIS FED. AID PROJECT				

MODEL: BL\_00 - Plan 2 (Sheet)  
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 PROJECT: 2017-11-01\180022\02-Trans\Systems\CAD\2017\Structural\Overhead Sign Structures\01-28-17-Struct\01-28-17-Struct.dwg  
 DATE: 10/5/2023



- ① Contractor may alternatively use standard aluminum drive-fit cap to close end. 1/2" Ø drain hole in end plate/drive-fit cap. (Typ. at ends of all chords)
- ② 5 1/2" end dimension may vary by ±1" to provide uniform panel spacing (P).
- ③ Panel spacing (P) shall be uniform for entire truss and between 4'-0" and 5'-0" for Type I-A or 4'-0" and 5'-6" for Types II-A and III-A.
- ④ Vertical Diagonals in front and back face shall alternate.
- ⑤ Hidden lines show wind bracing alternates direction between planes of top and bottom chords.
- ⑥ All diagonals shall be detailed for minimum offset from the panel point based on the following: Offset shall be such as to provide a 3/4" minimum to 1 1/2" maximum clearance between any diagonal and any horizontal or vertical member, and to provide clearance for U-bolt connections of signs or walkway brackets.



OS-A-2	2-17-2017	USER NAME = amkluver	DESIGNED - AGJ	REVISED -
		PLOT SCALE = 0.1666667 / in.	DRAWN - AGJ	REVISED -
		PLOT DATE = 10/5/2023	CHECKED - JMG, MAI	REVISED -
			DATE - 10/6/23	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**OVERHEAD SIGN STRUCTURES - ALUMINUM TRUSS  
DETAILS FOR TRUSS TYPES I-A, II-A AND III-A**

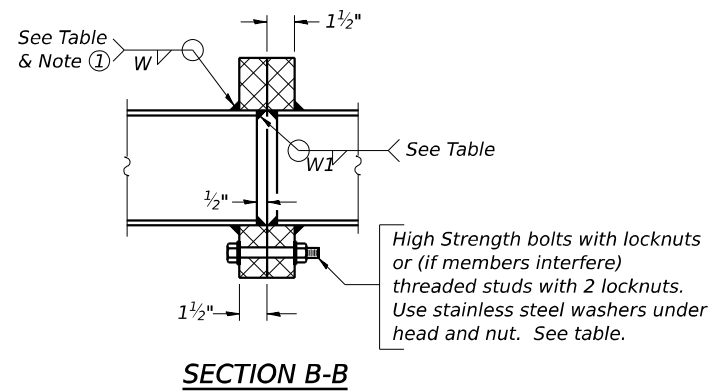
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
I-80	FAI 80 22 BR	WILL	1201	464
CONTRACT NO. 62R89				
ILLINOIS FED. AID PROJECT				

SCALE: SHEET 2 OF 24 SHEETS STA. TO STA.

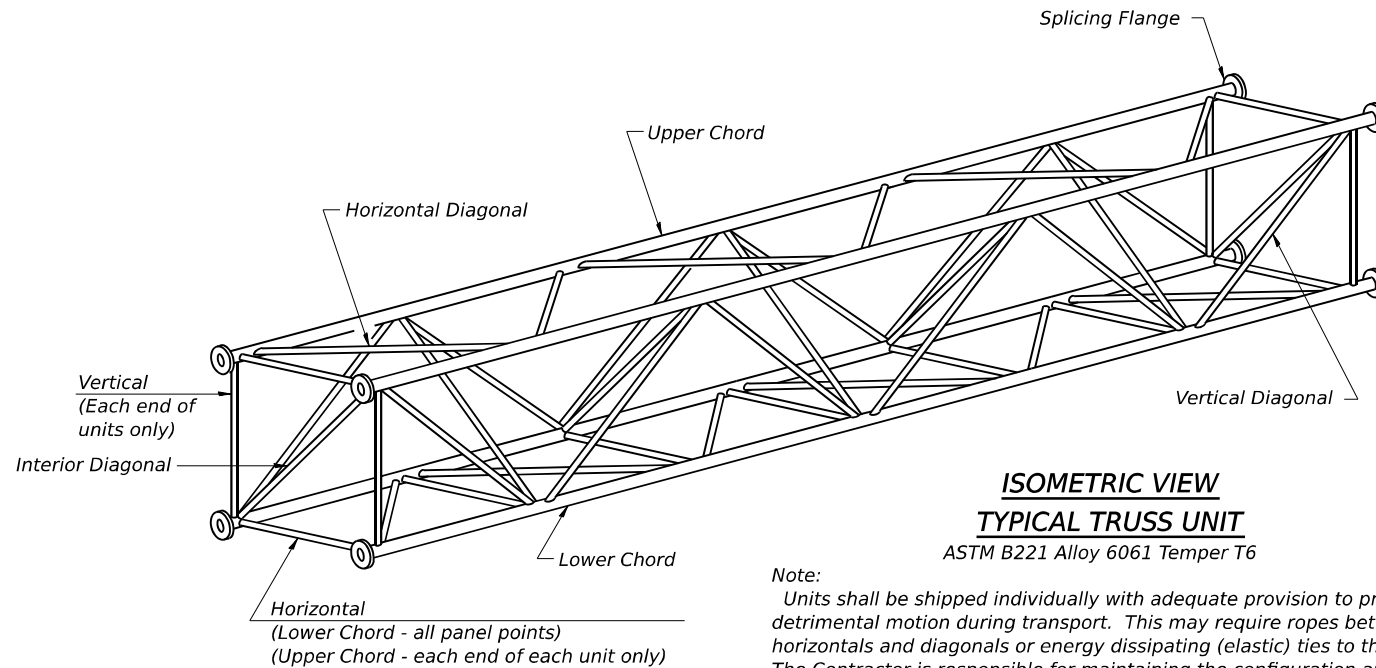


**TRUSS UNIT TABLE**

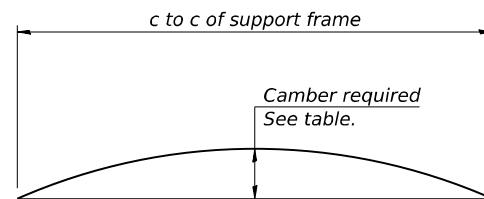
Structure Number	Station	Design Truss Type	Exterior Units (2)			Interior Unit				Upper & Lower Chord		Verticals; Horizontals; Vertical, Horizontal, and Interior Diagonals		Camber at Midspan	Splicing Flange					
			No. Panels Per Unit	Unit Lgth. (Le)	Panel Lgth. (P)	No. Req'd.	No. Panels Per Unit	Unit Lgth. (Li)	Panel Lgth. (P)	O.D.	Wall	O.D.	Wall		Bolts		Weld Sizes		A	B
															No./Splice	Dia.	W	WI		
1S099I080R130.3	572+13.49	I-A	8	39'-2 1/2"	4'-8"	0	-	-	-	5"	5/16"	2 1/2"	5/16"	2 1/8"	6	7/8"	5/16"	1/4"	8 3/4"	11 3/4"
1S099I080L130.9	606+33.24	I-A	6	29'-1 1/2"	4'-6 1/2"	1	6	28'-6"	4'-6 1/2"	5"	5/16"	2 1/2"	5/16"	2 1/2"	6	7/8"	5/16"	1/4"	8 3/4"	11 3/4"
1S099I080L131.2	617+25.00	I-A	6	29'-1 1/2"	4'-6 1/2"	1	6	28'-6"	4'-6 1/2"	5"	5/16"	2 1/2"	5/16"	2 1/2"	6	7/8"	5/16"	1/4"	8 3/4"	11 3/4"



① Splicing Flanges shall be attached to each truss unit with the truss shop assembled to camber shown. Truss units shall be in proper alignment and flange surfaces shall be shop bolted into full contact before welding. Sufficient external welds or tacks shall be made to secure flanges until remaining welds are made after disassembly. Adjacent flanges shall be "match marked" to insure proper field assembly.

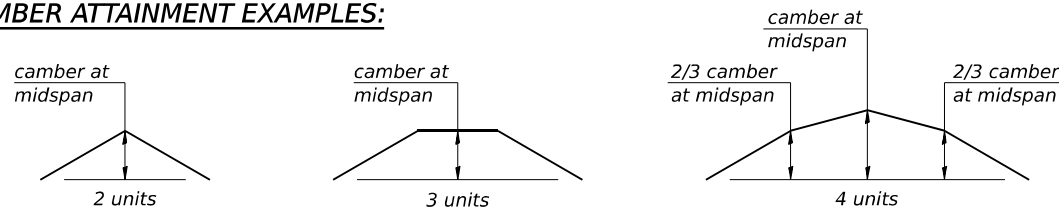


Note: Units shall be shipped individually with adequate provision to prevent detrimental motion during transport. This may require ropes between horizontals and diagonals or energy dissipating (elastic) ties to the vehicle. The Contractor is responsible for maintaining the configuration and protection of the units.

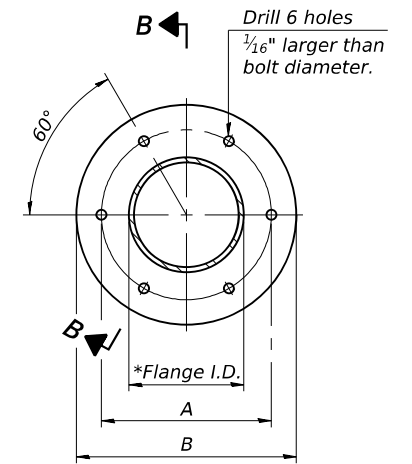


Camber curve shown is theoretical. Actual camber attained by slope changes at splices between units.

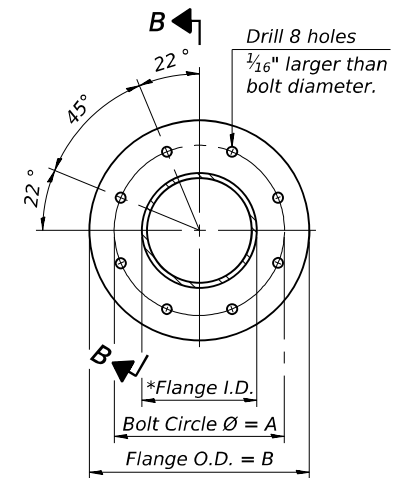
**CAMBER ATTAINMENT EXAMPLES:**



Camber shown is for fabrication only, measured with truss fully supported. (No-load condition)



TRUSS TYPES I-A, II-A, & III-A



TRUSS TYPES II-A & III-A  
**SPlicing FLANGES**

ASTM B221, Alloy 6061-T6 or ASTM B209, Alloy 6061-T651

\*To fit O.D. of Chord with maximum gap of 1/16".

MODEL: BL\_00\_Plan 3 (Sheet) FILE NAME: P:\Projects\2017\Illinois\Transportation\Projects\2017\Illinois\Transportation\Documents\Projects\_2017\0401180022\02-TransSystems\CAD\2017\Structural\23-Structural\Sign\_Structure\Overhead\_Sign\_Structure\0122R89SHT-STRUC-DET-03

OS4-A-2 2-17-2017



USER NAME = amkluver	DESIGNED - AGJ	REVISED -
PLOT SCALE = 0.1666667 / in.	DRAWN - AGJ	REVISED -
PLOT DATE = 10/5/2023	CHECKED - JMG, MAI	REVISED -
	DATE - 10/6/23	REVISED -

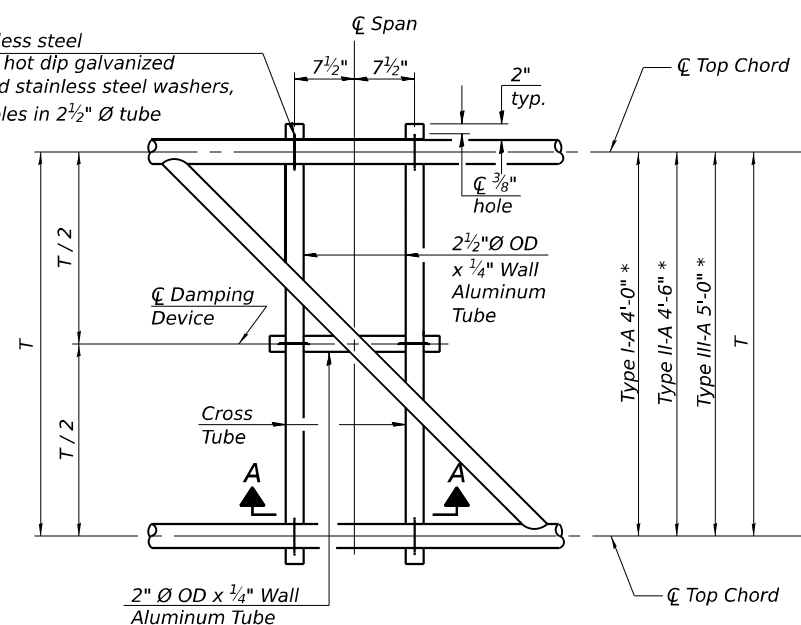
STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

OVERHEAD SIGN STRUCTURES - ALUMINUM TRUSS DETAILS  
FOR TRUSS TYPES I-A, II-A, AND III-A

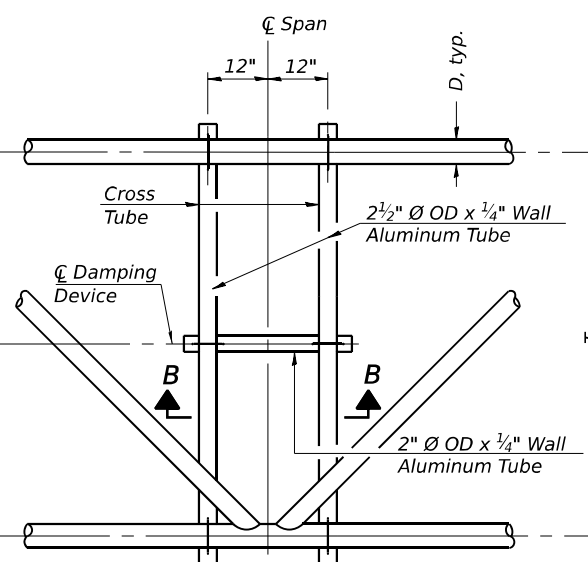
SCALE: SHEET 3 OF 24 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
I-80	FAI 80 22 BR	WILL	1201	465
			CONTRACT NO. 62R89	
ILLINOIS FED. AID PROJECT				

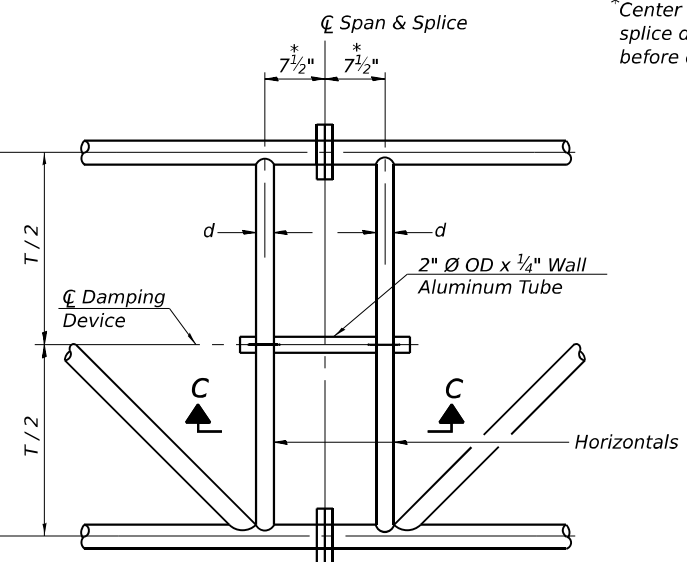
5/16" Ø stainless steel U-bolt with hot dip galvanized locknuts and stainless steel washers, typ. 3/8" Ø holes in 2 1/2" Ø tube



**PLAN DETAIL "A"**  
 ☐ Span between Panel Points



**PLAN DETAIL "B"**  
 ☐ Span at Panel Point



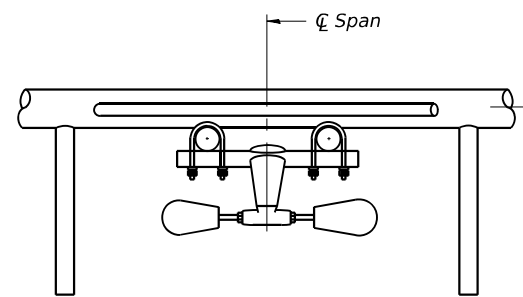
**PLAN DETAIL "C"**  
 ☐ Span at ☐ Chord Splice

\*Center of horizontal to center of splice dimension may vary. Verify before drilling holes in mounting tube.

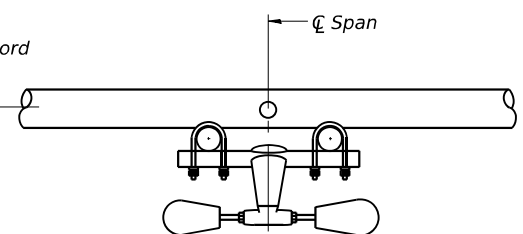
**NOTES**

**Damper:** One damper per truss. (31 lbs. minimum Stockbridge-Type Aluminum - 29" minimum between ends of weights) Cost included in Overhead Sign Structure...

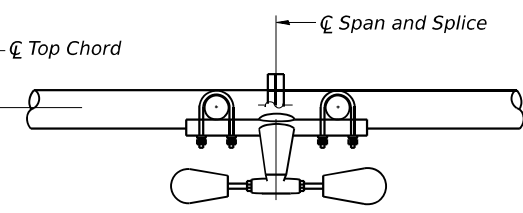
**Materials:** Materials: Aluminum tubes shall be ASTM B221 alloy 6061 temper T6. Cost included in Overhead Sign Structure...



**SECTION A-A**

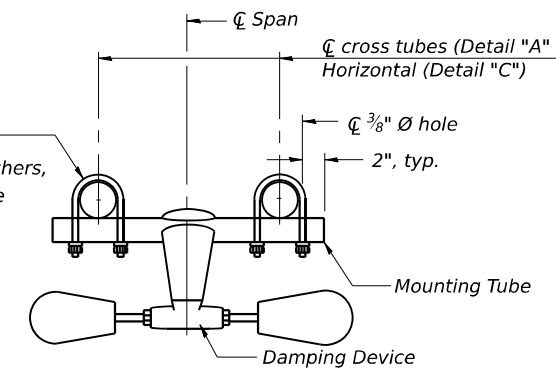


**SECTION B-B**

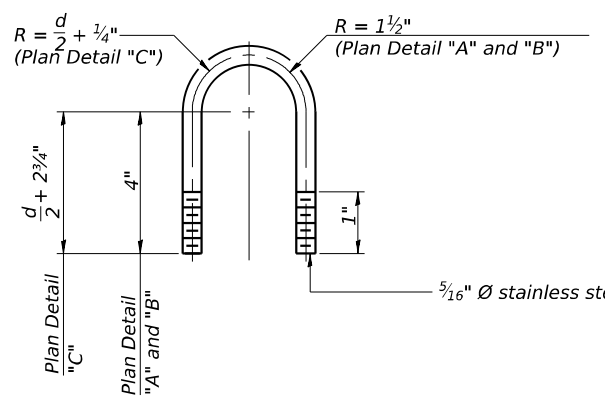


**SECTION C-C**

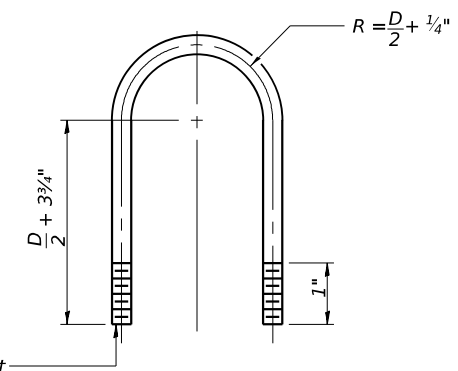
5/16" Ø stainless steel U-bolt with hot dip galvanized locknuts and stainless steel washers, typ. 3/8" Ø holes in mounting tube



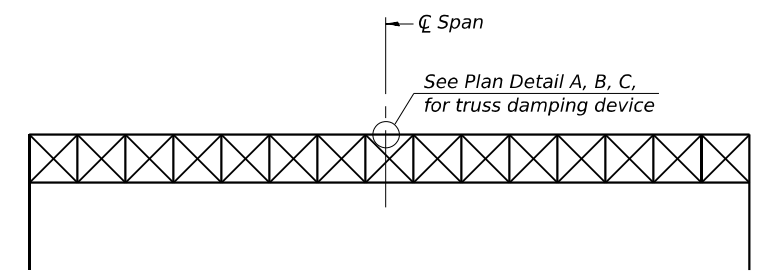
**TRUSS DAMPING DEVICE CONNECTION DETAIL**  
 (Typical)



**DAMPING DEVICE MOUNTING TUBE U-BOLT DETAIL**  
 (Typical)



**TOP CHORD TO CROSS TUBE U-BOLT DETAIL**  
 (Typical - Detail "A" and "B")



**ELEVATION**  
 Aluminum Overhead Sign Truss

MODEL: BL\_00 - Plan 4 (Sheet)  
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OS-A-D 2-17-2017



USER NAME = amkluver	DESIGNED - AGJ	REVISED -
PLOT SCALE = 0.1666667 / in.	DRAWN - AGJ	REVISED -
PLOT DATE = 10/5/2023	CHECKED - JMG, MAI	REVISED -
	DATE - 10/6/23	REVISED -

**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

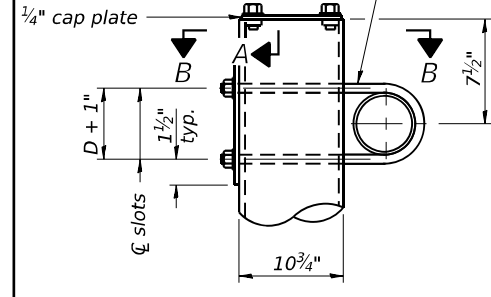
**OVERHEAD SIGN STRUCTURES  
 DAMPING DEVICE**

SCALE: SHEET 4 OF 24 SHEETS STA. TO STA.

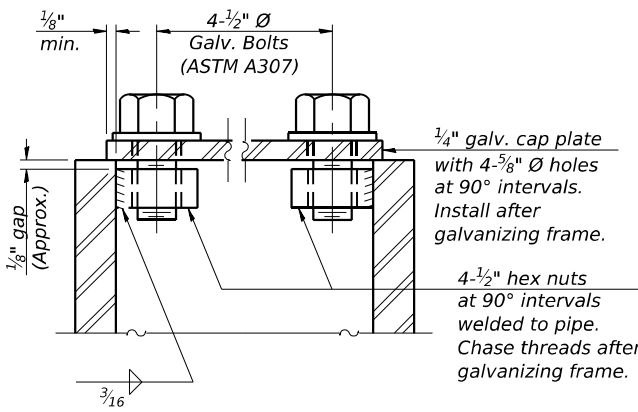
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
I-80	FAI 80 22 BR	WILL	1201	466
CONTRACT NO. 62R89				
ILLINOIS FED. AID PROJECT				



$\frac{3}{4}$ "  $\varnothing$  stainless steel U-bolt.  
Provide two washers and two hexagon locknuts. (4)  
 $1\frac{3}{16}$ " x 2" slots on  $\varnothing$  10"  $\varnothing$  pipe.  
(4 slots required per pipe)

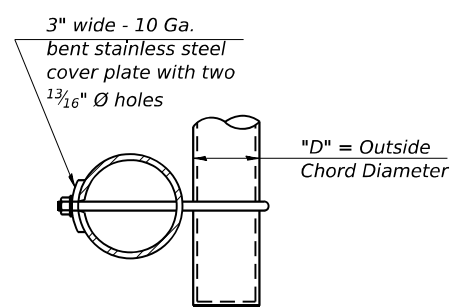


**DETAIL A**

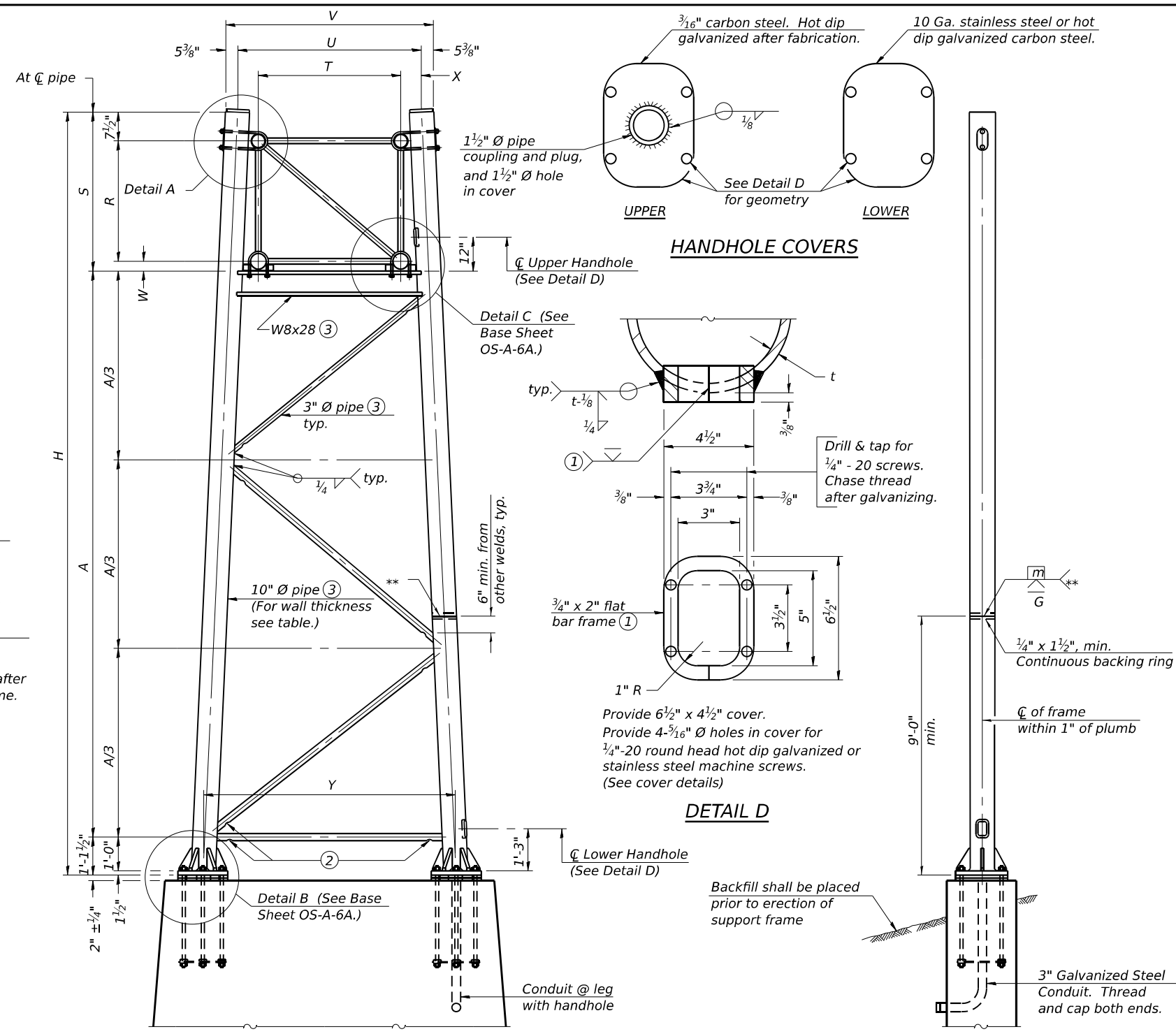


**SECTION A-A**

As an alternate to bolts, may use galvanized drive-fit caps installed after galvanizing frame.



**SECTION B-B**



For Foundation Details, see base sheet OS-F3 (Spread Footing) or OS4-F3 (Drilled Shaft).

**SIDE ELEVATION**

**END ELEVATION**

Support Design Loads: See Sheet 1 for design and loading criteria.  
Load combinations checked include deadload plus:  
a) 100% wind normal to sign, 20% parallel to sign  
b) 60% wind normal to sign, 30% parallel to sign

- ① In lieu of fabricated handhole frame as shown, may cut from 2" plate (rolling direction vertical). All cut faces to be ground to ANSI Roughness of 500 $\mu$  in or less.
- ② Galvanizing vent holes of adequate size shall be provided on underside at each end of bracing pipes. Alternately, holes may be provided in wall of pipe column. All vent holes shall be drilled and de-burred, typ.
- ③ Steel pipe, plate, carbon steel handhole covers and rolled sections shall be hot dip galvanized after fabrication. Painting is not permitted. See Sheet 1.
- ④ See General Notes for fasteners.
- ⑤ Dimensions shown are based on selection criteria in the Sign Structures Manual. Nonstandard applications must have dimensions verified or amended as appropriate.
- ⑥ "H" based on 15'-0" or actual sign height, whichever is greater.

**10"  $\varnothing$  PIPE TRUSS SUPPORT FRAME**

\*\* One butt welded joint is allowed only on one post per support frame. If used, weld procedure must be pre-approved by Engineer and joint shall receive 100% RT or UT (tension criteria) at Contractor's expense.

Truss Type	Dimensions							
	R	S	T	U	V	W	X	Y
I-A	4'-6"	5'-5 1/2"	4'-0"	5'-6"	6'-4 3/4"	4"	9"	8'-3"
II-A ⑤	5'-3"	6'-3 1/4"	4'-6"	6'-1"	6'-11 3/4"	4 3/4"	9 1/2"	8'-3"

Structure Number	Station	Support		Truss Type	Pipe Wall Thickness	H ⑥	A
		Left	Right				
1S0991080R130.3	572+13.49		x	I-A	0.279"	28'-2 7/8"	21'-7 7/8"
1S0991080R130.3	572+13.49	x		I-A	0.279"	25'-11 1/4"	19'-4 1/4"
1S0991080L130.9	606+33.24		x	I-A	0.279"	29'-1 3/4"	22'-6 3/4"
1S0991080L130.9	606+33.24	x		I-A	0.279"	24'-9 1/8"	18'-2 1/8"
1S0991080L131.2	617+25.00		x	I-A	0.279"	28'-10 1/8"	22'-3 1/8"
1S0991080L131.2	617+25.00	x		I-A	0.279"	25'-11 3/8"	19'-4 3/8"

MODEL: BL\_P0\_00 - Plan 5 (Sheet)  
 FILE NAME: P:\Projects\2017\Illinois\Transportation\p00-000\Drawings\Structures\OS-A-6.dwg  
 PROJECT: I-80 Overhead Sign Structures (Sheet 5 of 5)  
 DATE: 10/5/2017

OS-A-6 2-17-2017



USER NAME = amkluver	DESIGNED - AGJ	REVISED -
PLOT SCALE = 0.1666667 / in.	DRAWN - AGJ	REVISED -
PLOT DATE = 10/5/2017	CHECKED - JMG, MAI	REVISED -
	DATE - 10/6/23	REVISED -

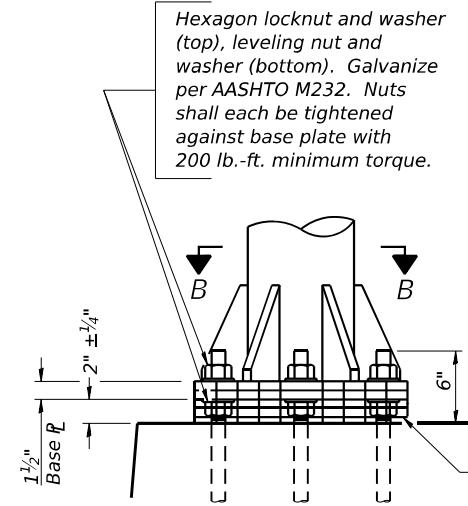
**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**OVERHEAD SIGN STRUCTURES  
SUPPORT FRAME FOR ALUMINUM TRUSS**

SCALE: SHEET 5 OF 24 SHEETS STA. TO STA.

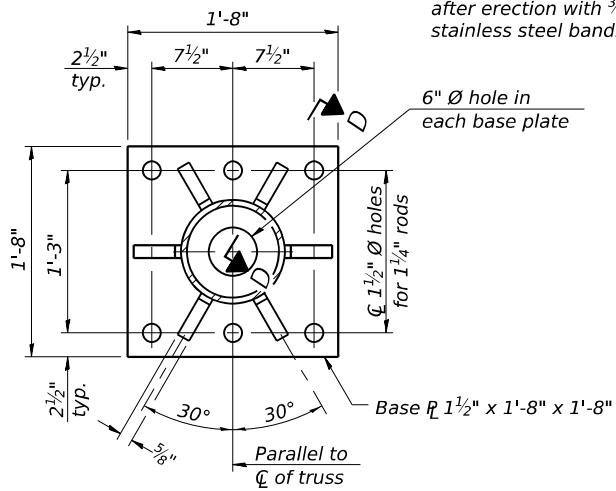
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
I-80	FAI 80 22 BR	WILL	1201	467
CONTRACT NO. 62R89				
ILLINOIS FED. AID PROJECT				

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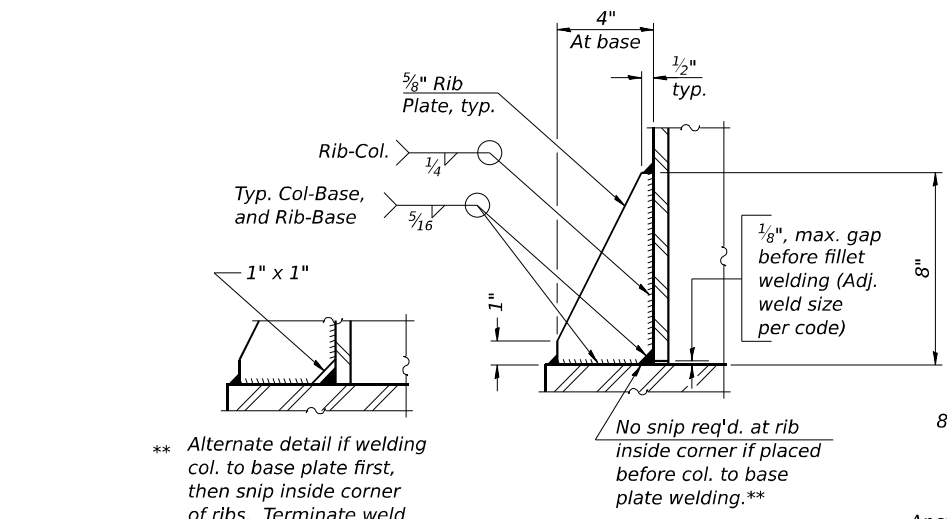


**DETAIL B**

Ribs shall be cut to fit slope of pipe.  
 Stainless Steel Standard Grade Wire Cloth, 3" wide, 1/4" maximum opening with a minimum wire diameter of AWG No. 16 with a minimum 2" lap. Secure to base plate after erection with 3/4" stainless steel banding.

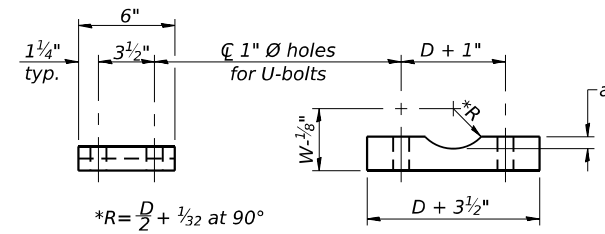


**SECTION B-B**



**SECTION D-D**

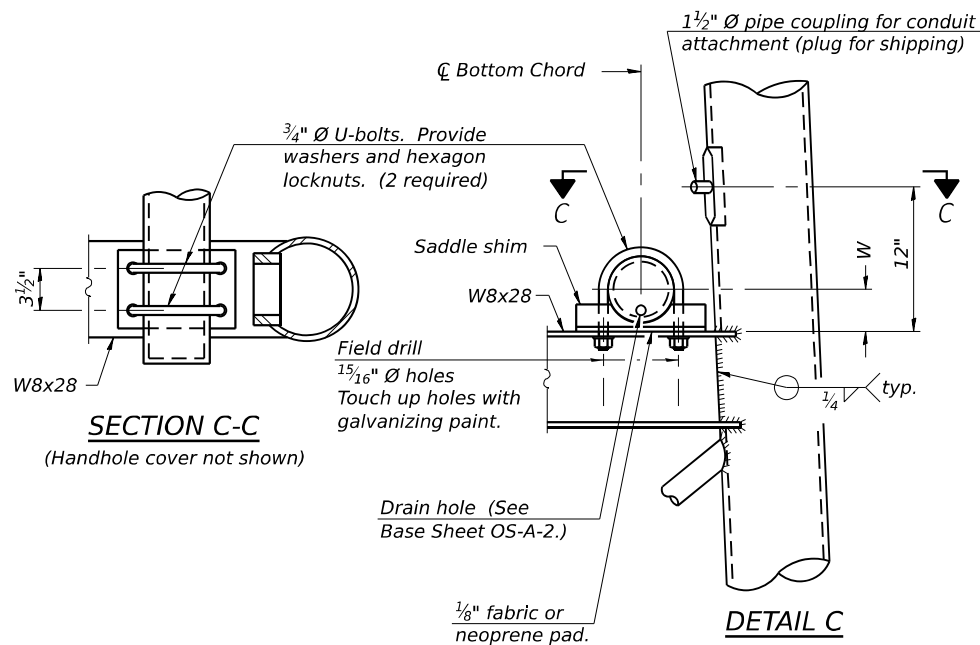
\*\* Alternate detail if welding col. to base plate first, then snip inside corner of ribs. Terminate weld on rib 1/4" from snip.



**SADDLE SHIM DETAIL**

ASTM B26 Alloy 356-F or ASTM B209 Alloy 6061-T651 (4 required per sign truss)

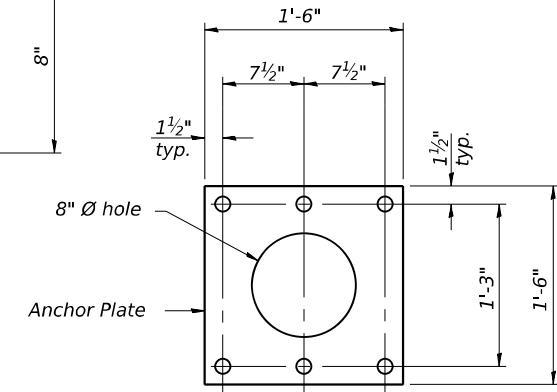
Truss Chord Nominal Dia.	a
5"	3/4"
5 1/2"	13/16"
6"	7/8"
6 1/2"	15/16"
7"	1"



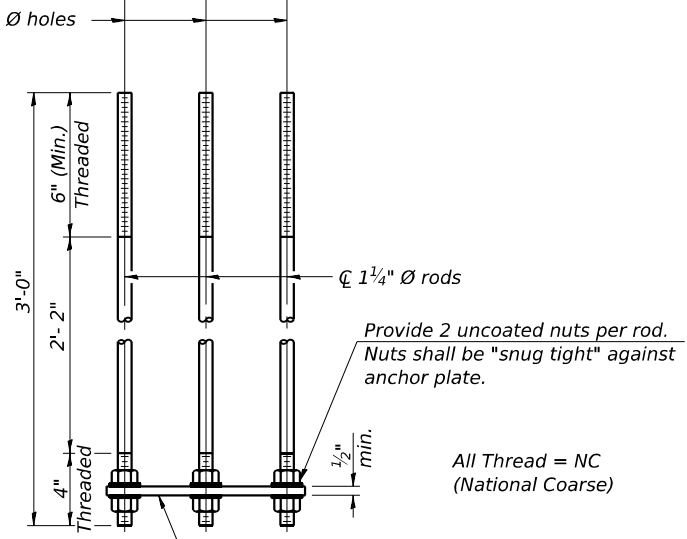
**SECTION C-C**

(Handhole cover not shown)

**DETAIL C**



**Anchor Plate**



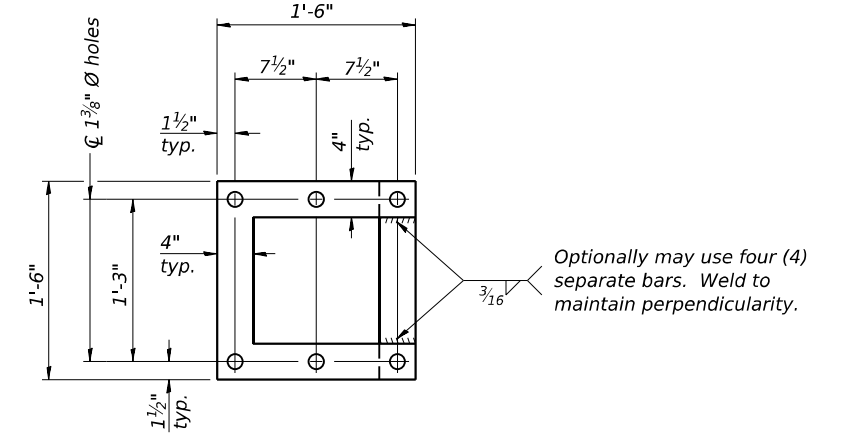
**ANCHOR ROD DETAIL**

Spread Footing Foundation

All Thread = NC (National Coarse)

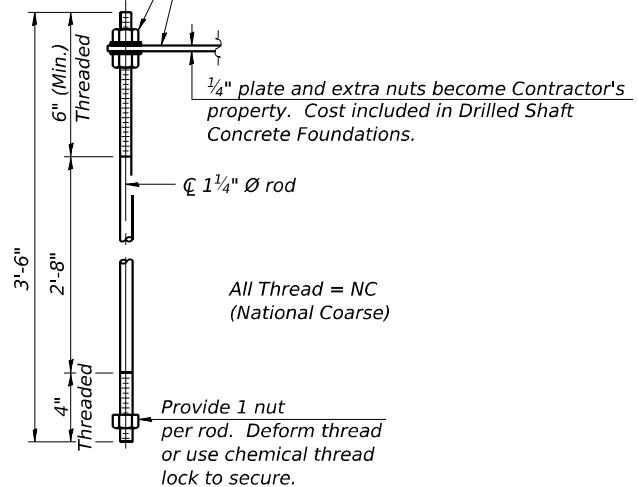
Anchor rods shall conform to ASTM F1554 Grade 105. Galvanize upper 12" minimum per AASHTO M232. No welding shall be permitted on rods.

**10" Ø PIPE SUPPORT FRAME DETAILS**



**POSITIONING PLATE(S)**

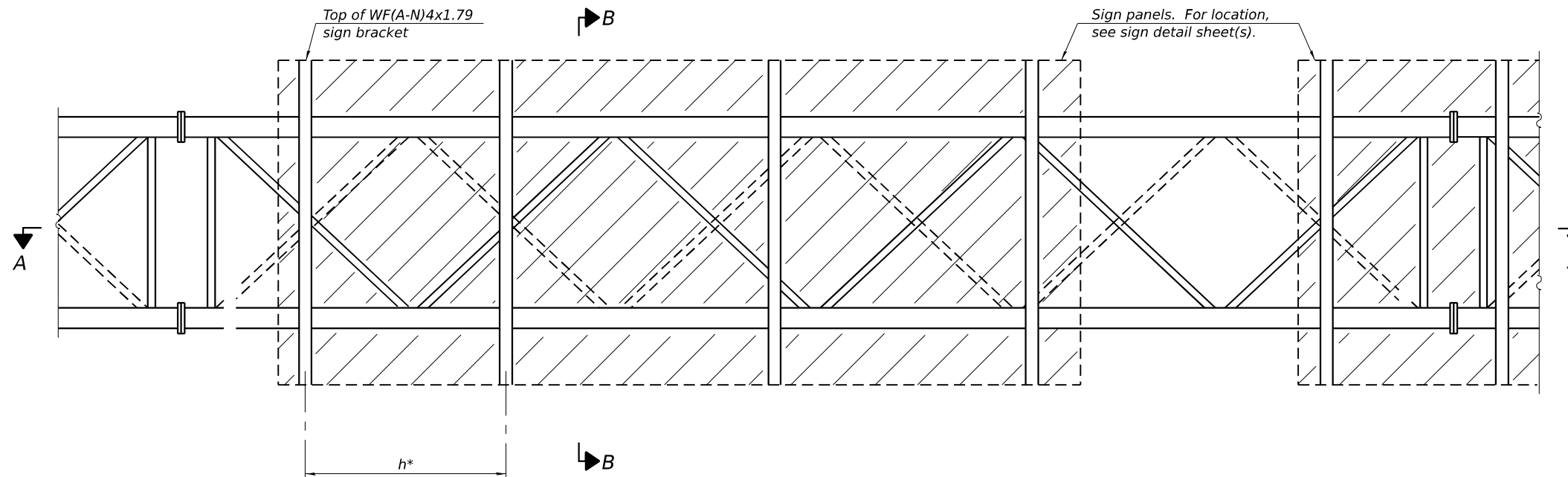
At each location, provide 1/4" thick positioning plate(s) and six (6) additional nuts to be used with leveling nuts to maintain anchor bolts position during concrete placement.



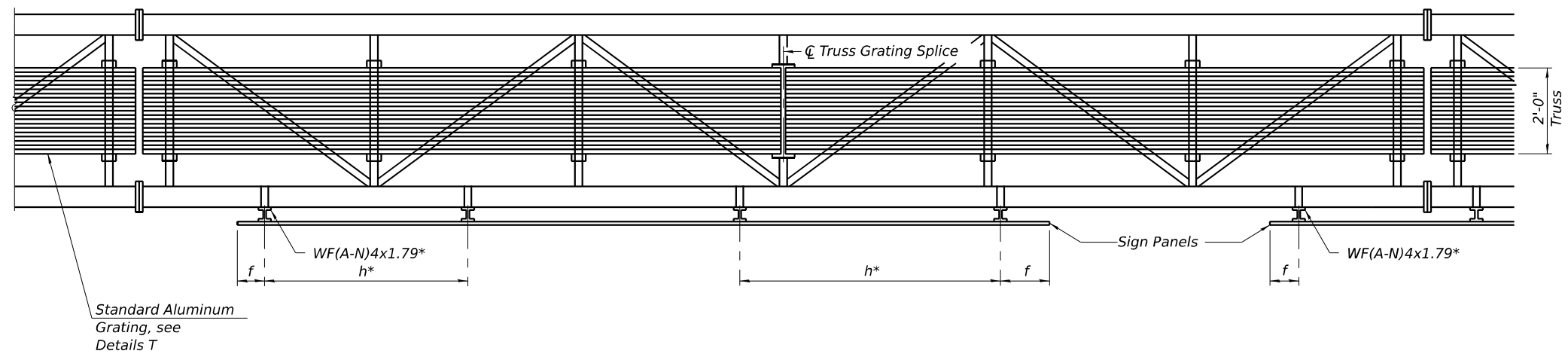
**ANCHOR ROD DETAIL**

Drilled Shaft Foundation

All Thread = NC (National Coarse)



**TYPICAL FRONT ELEVATION**



**SECTION A-A**

Place all sign brackets as close to panel points as practical.

**BRACKET TABLE**

WF(A-N)4x1.79 ASTM B308, Alloy 6061-T6		
Sign Width		Number Brackets Required
Greater Than	Less Than or Equal To	
	8'-0"	2
8'-0"	14'-0"	3
14'-0"	20'-0"	4
20'-0"	26'-0"	5
26'-0"	32'-0"	6

\* Space sign brackets WF(A-N)4x1.79 for efficiency and within limits shown:

f = 12" maximum, 4" minimum (End of sign to center of nearest bracket)  
 h = 6'-0" maximum (center to center of sign support brackets, WF(A-N)4x1.7)

**Notes:**  
 For Detail T and Section B-B, see Base Sheet OS-A-10-NW.  
 Truss grating to facilitate inspection shall run full length (center to center of support frames) 12"± on overhead trusses.  
 Cost of truss grating is included in "Overhead Sign Structure".  
 Truss Grating width dimensions are nominal and may vary 1/2"± based on available standard widths.

MODEL: BLI\_IP\_180\_Plan 7 (Sheet)  
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 PROJECT: 2018/CH-401/401.180022/02-TransSystems/CAD/02/28/2023/Structural/Sign Structures/Overhead Sign Structures/Sheet/23-Structural/Sign Structures/Overhead Sign Structures/Sheet/OS-A-9-NW.dwg

OS-A-9-NW 4-1-2020



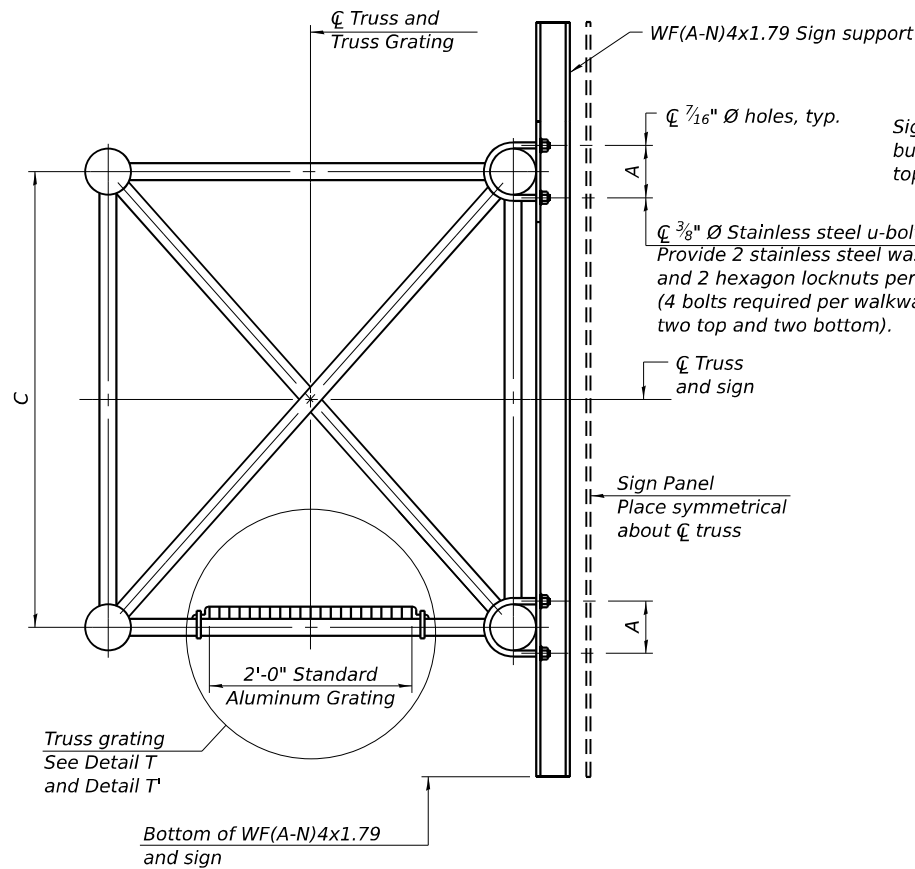
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PLOT DATE = 10/5/2023	CHECKED - JMG, MAI	REVISED -
	DATE - 10/6/23	REVISED -

**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

**OVERHEAD SIGN STRUCTURES  
 ALUMINUM WALKWAY DETAILS**

SCALE: SHEET 7 OF 24 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
I-80	FAI 80 22 BR	WILL	1201	469
			CONTRACT NO. 62R89	
ILLINOIS FED. AID PROJECT				



**SECTION B-B**

**SPECIFICATIONS FOR STANDARD ALUMINUM GRATING**

Main Bearing Bars shall be 3/16" x 1 1/2" on 1 3/16" centers and conform to ASTM B221 Alloy 6061-T6.

Cross bars shall be 3/16" x 1 1/2" on 4" centers and conform to ASTM B221 Alloy 6063-T5 or 6061-T6.

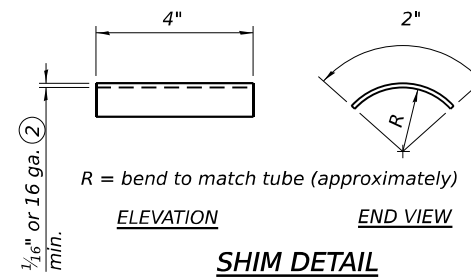
OR

Aluminum Grating with modified "t" sections for main bearing bars shall meet the following requirements:

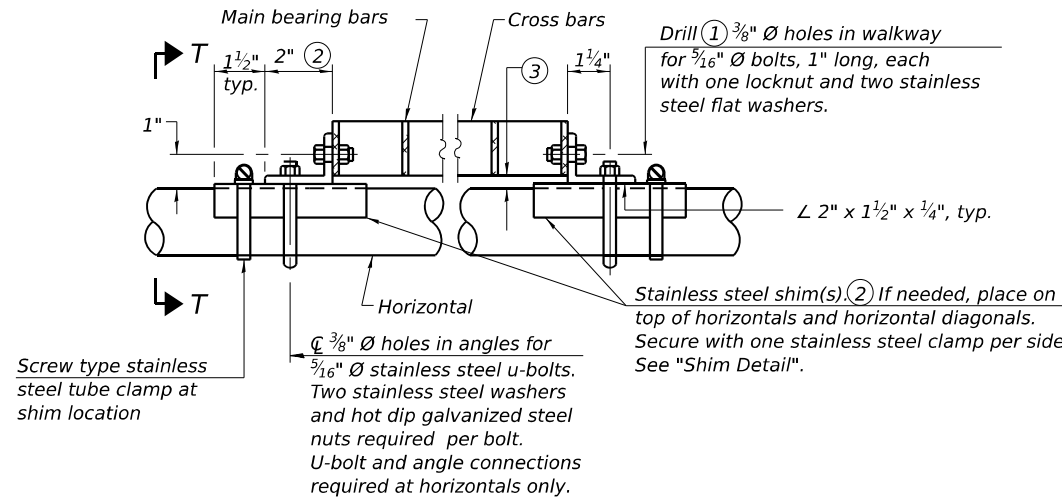
Main bars shall conform to ASTM B221 Alloy 6061-T6 and have a minimum section modulus equal to 0.0705 in.<sup>3</sup> per bar, a depth of 1 1/2", spaced on 1 3/16" centers.

Cross bars shall conform to ASTM B221 Alloy 6063-T5 or T-42 and spaced on 4" centers.

Structure Number	Station	A	C
1S099I080R130.3	572+13.49	6"	4'-6"
1S099I080L130.9	606+33.24	6"	4'-6"
1S099I080L131.2	617+25.00	6"	4'-6"

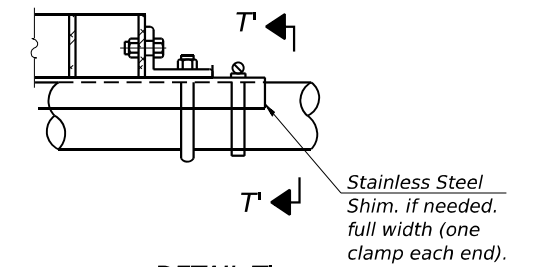


- ① Drilling holes in grating may be done in shop or field, based on Contractor's preference and subject to accurate alignment.
- ② Stainless steel shims shall be placed as shown in Detail T if needed to compensate for alignment variations between horizontal and diagonal pipes beyond adjustment provided by angles. Thicker shims may be used subject to shims performing properly.
- ③ Tube to grating gap may vary from 0 to 1/2", max. to align walkway, allow for camber, etc.



**DETAIL T**

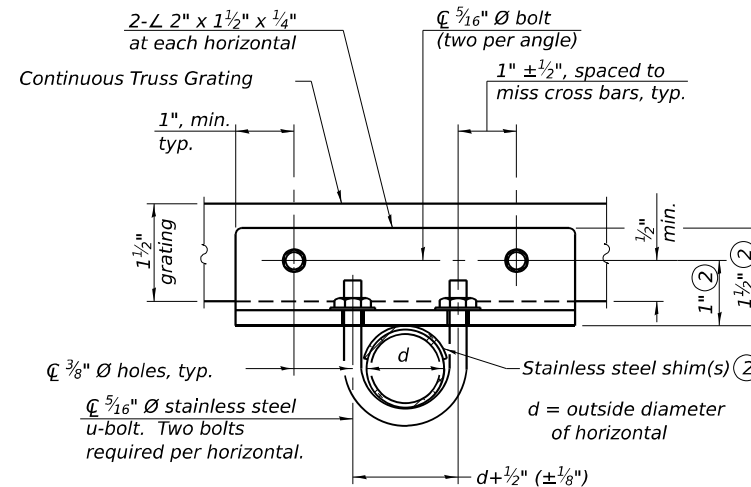
(Continuous Truss grating)



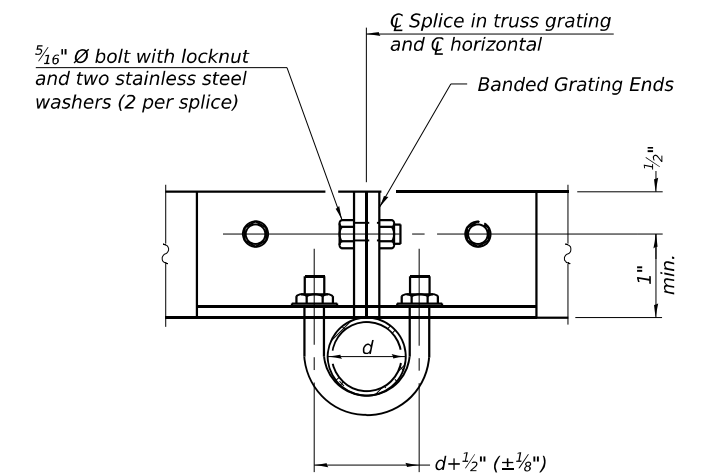
**DETAIL T'**

(Truss grating splice)

Details not shown same as Detail T. Alternate materials may be used subject to the Engineer's review and approval.



**SECTION T-T**



**SECTION T'-T'**

OS-A-10-NW

4-1-2020



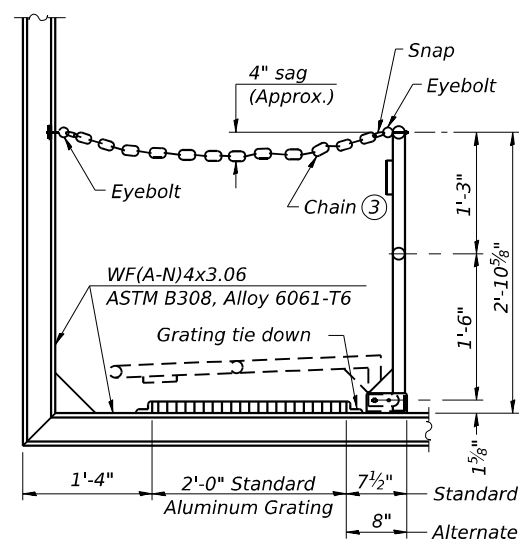
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PLOT SCALE = 0.1666667 / in.	DRAWN - AGJ	REVISED -
PLOT DATE = 10/5/2023	CHECKED - JMG, MAI	REVISED -
	DATE - 10/6/23	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**OVERHEAD SIGN STRUCTURES  
ALUMINUM WALKWAY DETAILS**

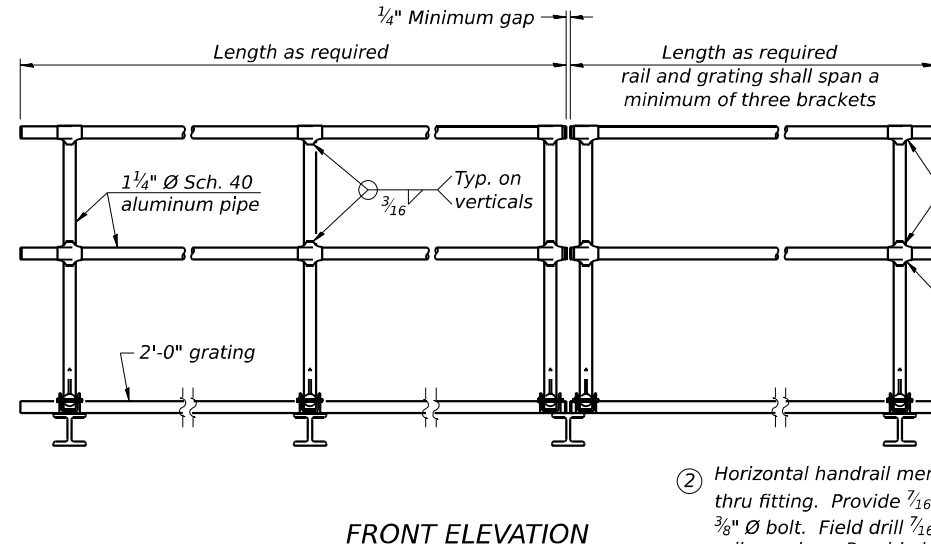
SCALE: SHEET 8 OF 24 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
I-80	FAI 80 22 BR	WILL	1201	470
			CONTRACT NO. 62R89	
ILLINOIS FED. AID PROJECT				



**SIDE ELEVATION**

(Showing safety chain w/o sign)



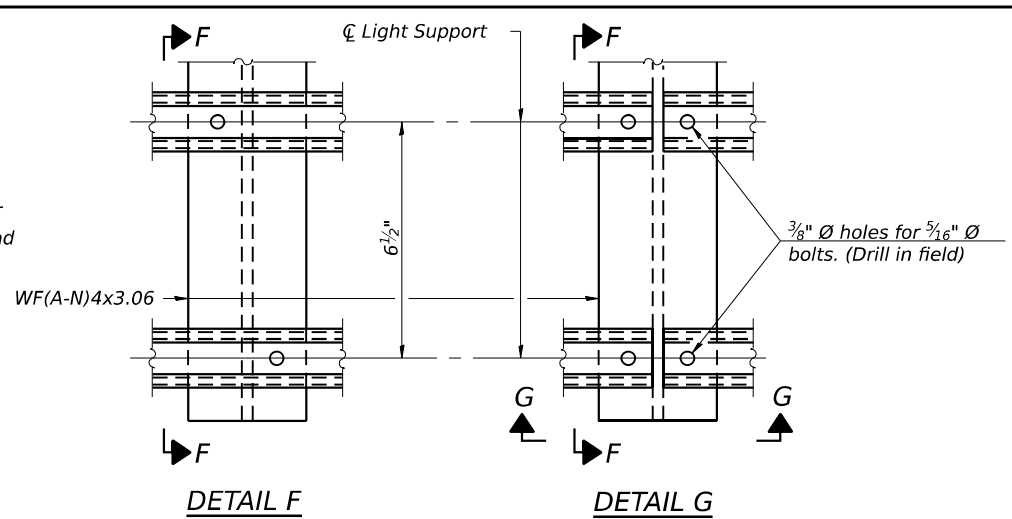
**FRONT ELEVATION**

**HANDRAIL DETAILS**

Handrail pipe shall be ASTM B241 or B429, Alloy 6063-T6 or Alloy 6061-T6.

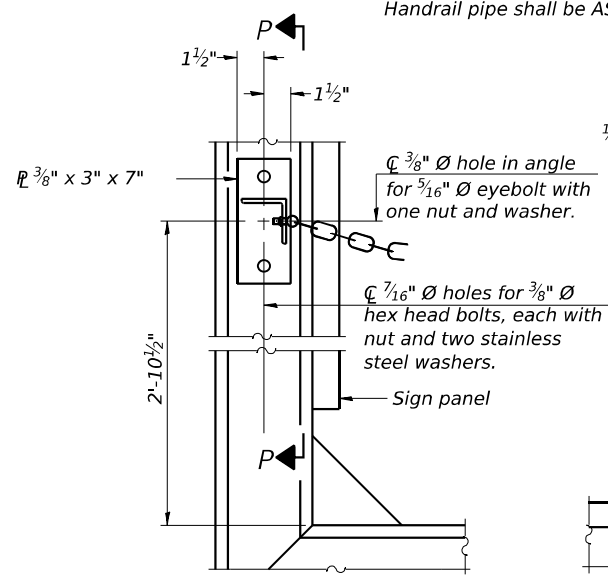
- ① Install standard force-fit end caps or weld 1/8" end plates with 3/8" c.f.w. and grind smooth. (All rail ends)

- ② Horizontal handrail member shall be continuous thru fitting. Provide 7/16" Ø hole in fitting for 3/8" Ø bolt. Field drill 7/16" Ø hole in horizontal rail member. Provide locknut and two stainless steel washers for bolt. (Use 5/16" eyebolts in 7/16" Ø holes on top rail at ends only.)



**DETAIL F**

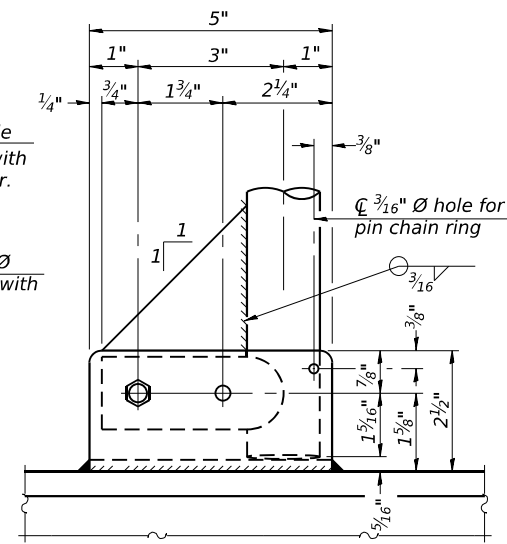
**DETAIL G**



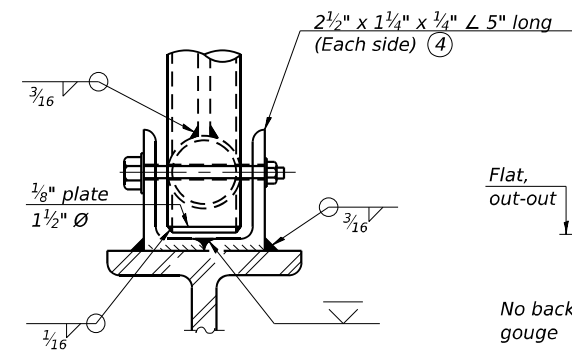
**ALTERNATE SAFETY CHAIN ATTACHMENT**

(With Sign Present)

Items not shown same as "Side Elevation" of "Handrail Details"



**SIDE ELEVATION**

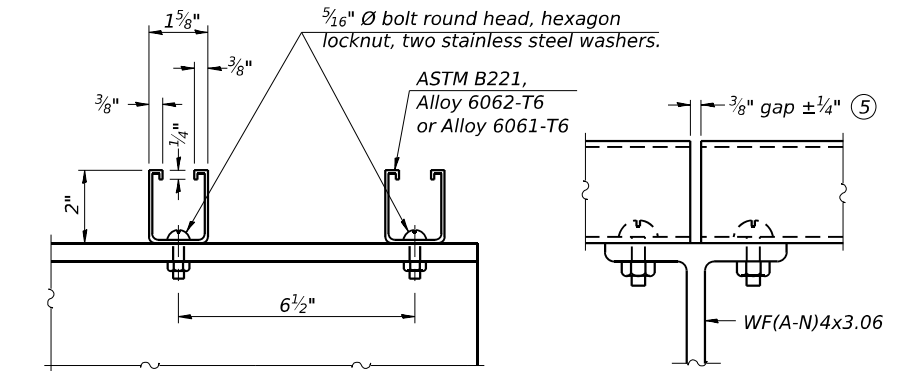


**FRONT ELEVATION**

See "Elevation" at right for dimensions.

**ELEVATION AT HANDRAIL JOINT**

④

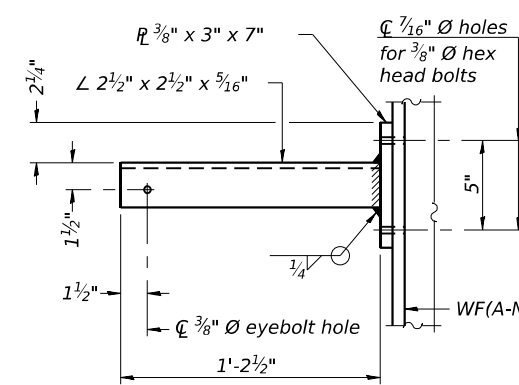


**SECTION F-F**

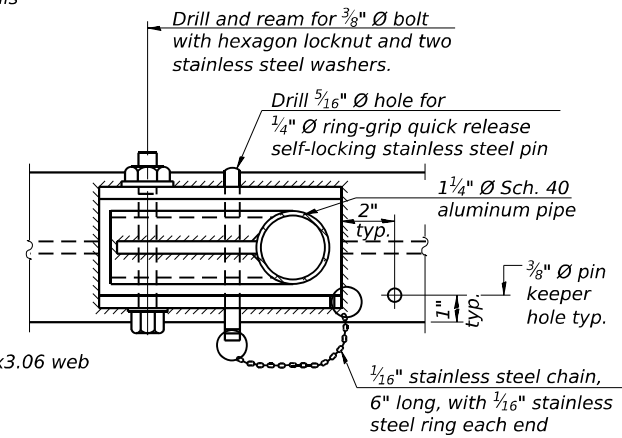
**SECTION G-G**

**LIGHTING FIXTURE MOUNTS (IF REQUIRED)**

- ⑤ Field cut ends of light support channels shall be free of burrs or hazardous projections and coated with zinc-rich primer or equivalent.

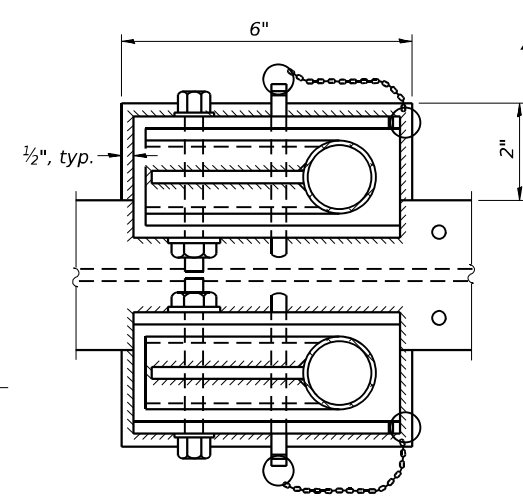


**SECTION P-P**



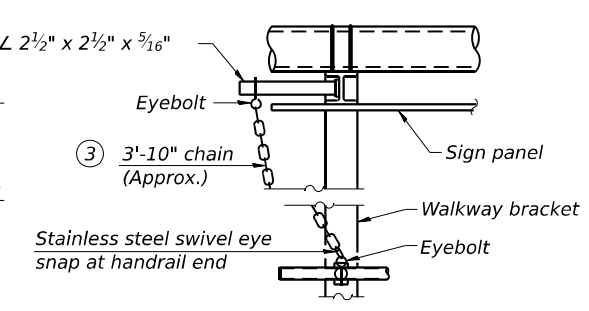
**PLAN**

**DETAIL E HANDRAIL HINGE**



**PLAN AT HANDRAIL JOINT**

Details not shown same as "PLAN"

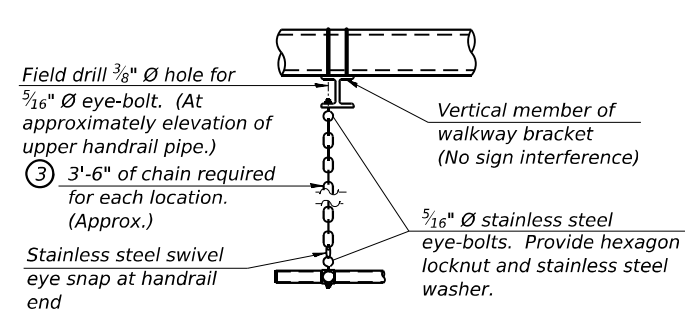


**ALTERNATE SAFETY CHAIN ATTACHMENT**

Details not shown similar to "Safety Chain" Details (Walkway omitted for clarity)

- ③ 3/16" Type 304L stainless steel chain, approximately 12 links per foot.

- ④ Extrusions may be used in lieu of the details shown, with approval of the Engineer.



**SAFETY CHAIN**

One required for each end of each walkway.

MODEL: BL\_IP\_00 - Plan 0 (Sheet)  
 FILE NAME: P:\Drawings\2017\02-TransSystems\02-TransSystems\CAD\02289\Structures\02289\Structures\Overhead Sign Structures\Overhead Sign Structures\02289SHT-STRUCSTRUCTURE-DET-08A

OS-A-11 2-17-2017



USER NAME = amkluver	DESIGNED - AGJ	REVISED -
PLOT SCALE = 0.1666667 / in.	DRAWN - AGJ	REVISED -
PLOT DATE = 10/5/2023	CHECKED - JMG, MAI	REVISED -
	DATE - 10/6/23	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**OVERHEAD SIGN STRUCTURES  
ALUMINUM HANDRAIL DETAILS**

SCALE: SHEET 9 OF 24 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
I-80	FAI 80 22 BR	WILL	1201	471
CONTRACT NO. 62R89			ILLINOIS FED. AID PROJECT	

**BAR LIST - EACH FOUNDATION**

Bar	Number	Size	Length	Shape
v4(E)	24	#9	F less 5"	—
#4 bar spiral (E) - see Side Elevation				

**NOTES:**

The foundation dimensions shown are based on the presence of mostly cohesive soils with an average Unconfined Compressive Strength (Qu) of at least 1.25 tsf, which must be determined by previous soil investigations at the jobsite. When other conditions are indicated, the boring data will be included in the plans and the foundation dimensions shown will be the result of site specific designs.

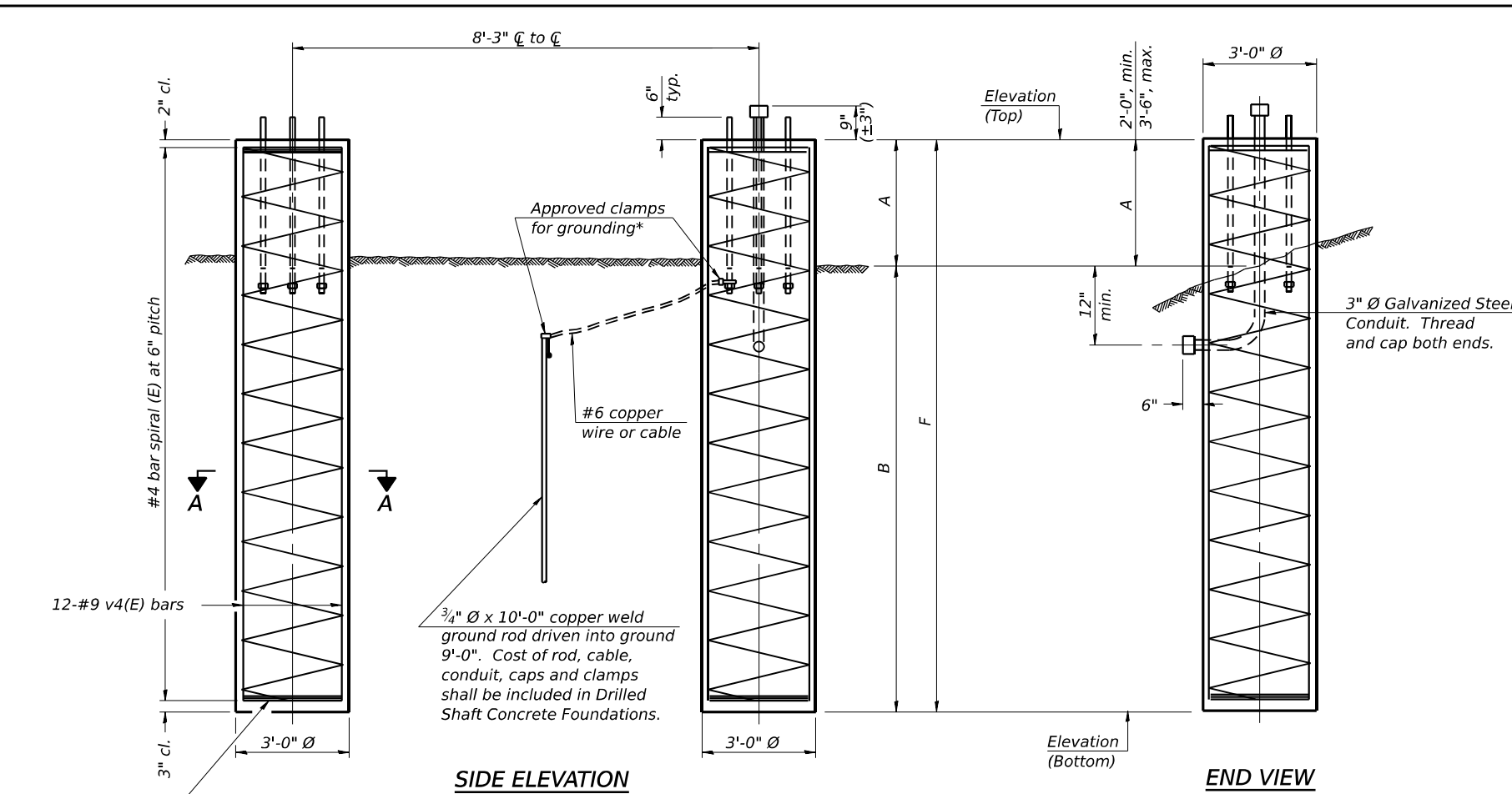
If the conditions encountered are different than those indicated, the Contractor shall notify the Engineer to determine if the foundation dimensions need to be modified. If dimensions "B" or "F" are revised by more than 12" by the Contractor, "as-built" plans shall be prepared and submitted to the District Bureau of Operations for future reference.

No sonotubes or decomposable forms shall be used below the lower conduit entrance. Permanent metal forms or other shielding may not be left in place below that elevation without the Engineer's written permission.

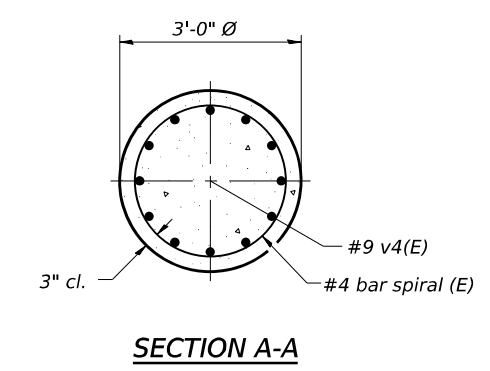
Concrete shall be placed monolithically, without construction joints.

Backfill shall be placed per Article 502 of Standard Specification and prior to erection of support column.

A normal surface finish followed by a Concrete Sealer application will be required on concrete surfaces above the lowest elevation 6" below finished ground line. Cost included in Drilled Shaft Concrete Foundation.



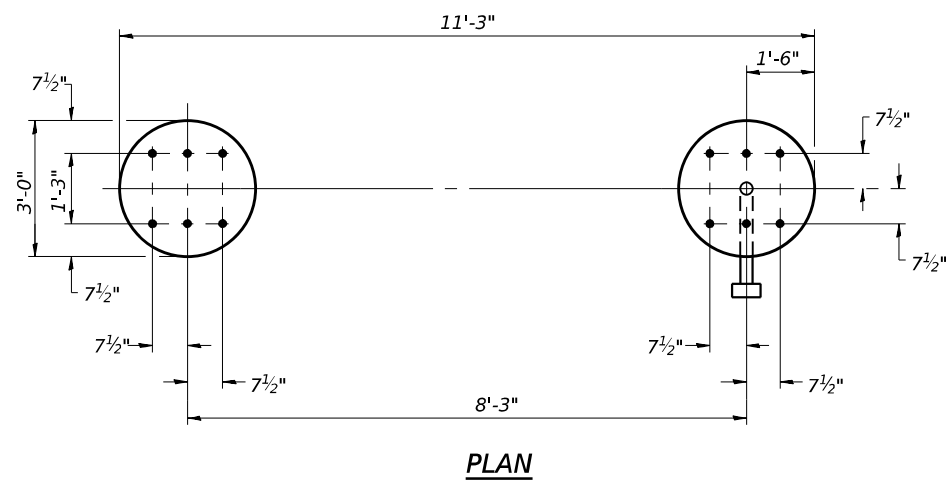
3 hoops minimum top and bottom



For anchor rod size and placement, see Support Frame Detail Sheet.

\* Anchor rod shall be ground or filed to bright metal at clamp and cable connection location.

**DETAILS FOR 10" Ø SUPPORT FRAME TYPE I-A or II-A TRUSS**



Structure Number	Station	Left Foundation					Right Foundation					Class DS Concrete (Cu. Yds.)
		Elevation Top	Elevation Bottom	A	B	F	Elevation Top	Elevation Bottom	A	B	F	
1S099I080R130.3	572+13.49	-	-	-	-	-	628.25	609.03	2'-8 5/8"	16'-6"	19'-2 5/8"	10.5
1S099I080L130.9	606+33.24	-	-	-	-	-	641.90	623.35	2'-0 5/8"	16'-6"	18'-6 5/8"	10.0
1S099I080L131.2	617+25.00	-	-	-	-	-	642.15	622.84	2'-9 3/4"	16'-6"	19'-3 3/4"	10.5

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OS4-F3 2-17-2017

<b>HBM</b> ENGINEERING GROUP, LLC	USER NAME = amkluver	DESIGNED - AGJ	REVISED -
	PLOT SCALE = 0.1666667 / in.	DRAWN - AGJ	REVISED -
	PLOT DATE = 10/5/2023	CHECKED - JMG, MAI	REVISED -
		DATE - 10/6/23	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

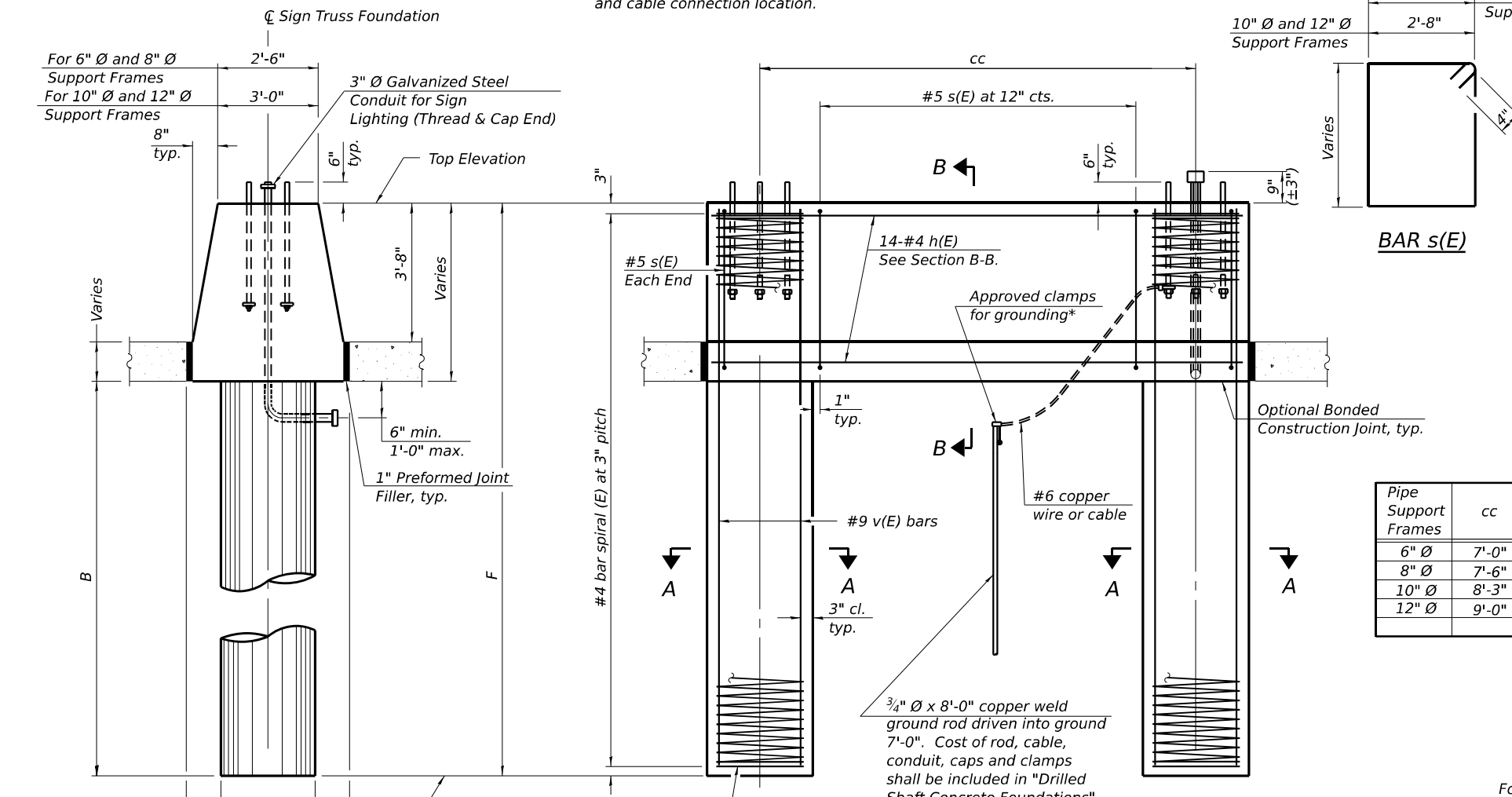
**OVERHEAD SIGN STRUCTURES  
DRILLED SHAFT DETAILS**

SCALE: SHEET 10 OF 24 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
I-80	FAI 80 22 BR	WILL	1201	472
CONTRACT NO. 62R89			ILLINOIS FED. AID PROJECT	

\* Anchor rod shall be ground or filed to bright metal at clamp and cable connection location.

**NOTES:**  
 The foundation dimensions shown are based on the presence of mostly cohesive soils with an average Unconfined Compressive Strength ( $Q_u$ ) of at least 1.25 tsf, which must be determined by previous soil investigations at the jobsite. When other conditions are indicated, the boring data will be included in the plans and the foundation dimensions shown will be the result of site specific designs.  
 If the conditions encountered are different than those indicated, the Contractor shall notify the Engineer to determine if the foundation dimensions need to be modified. If dimensions "B" or "F" are revised by more than 12" by the Contractor, "as-built" plans shall be prepared and submitted to the District Bureau of Operations for future reference.  
 No sonotubes or decomposable forms shall be used below the lower conduit entrance. Permanent metal forms or other shielding may not be left in place below that elevation without the Engineer's written permission.  
 Concrete shall be placed monolithically, without construction joints.  
 Backfill shall be placed per Article 502 of Standard Specification and prior to erection of support column.  
 A normal surface finish followed by a Concrete Sealer application will be required on concrete surfaces above the lowest elevation 6" below finished ground line. Cost included in Drilled Shaft Concrete Foundation.



**END VIEW**

For 6" Ø and 8" Ø Support Frames	8"	2'-6"	8"
For 10" Ø and 12" Ø Support Frames	8"	3'-0"	8"

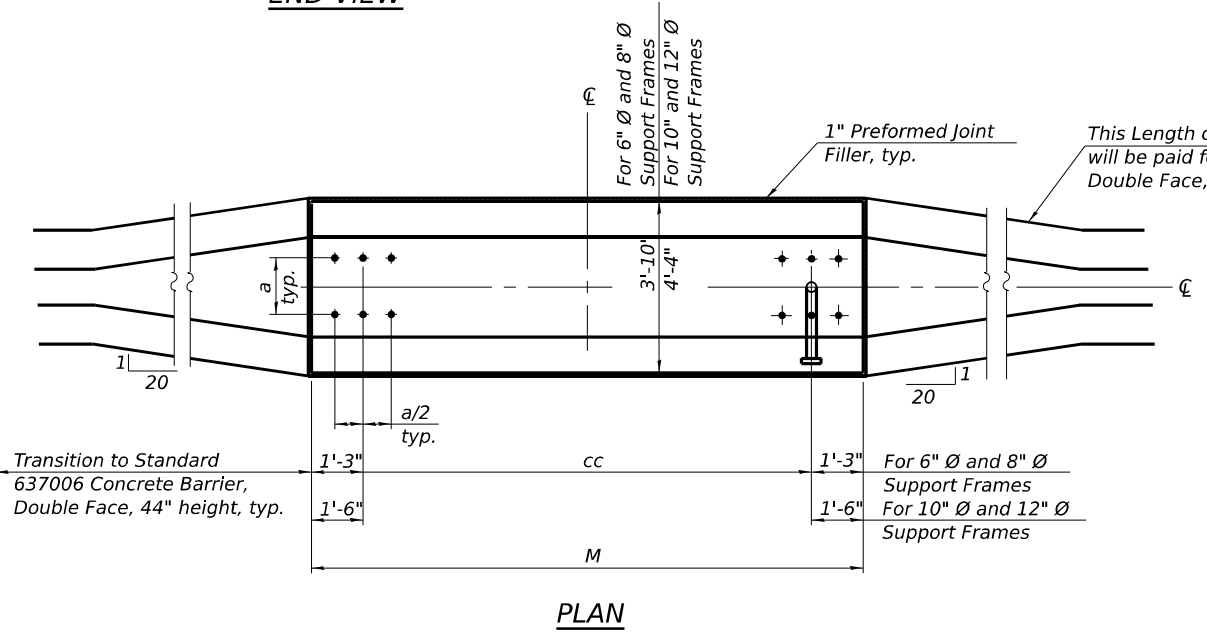
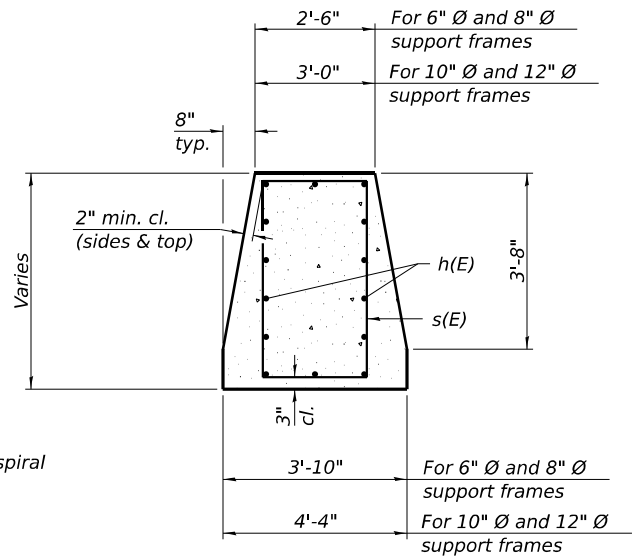
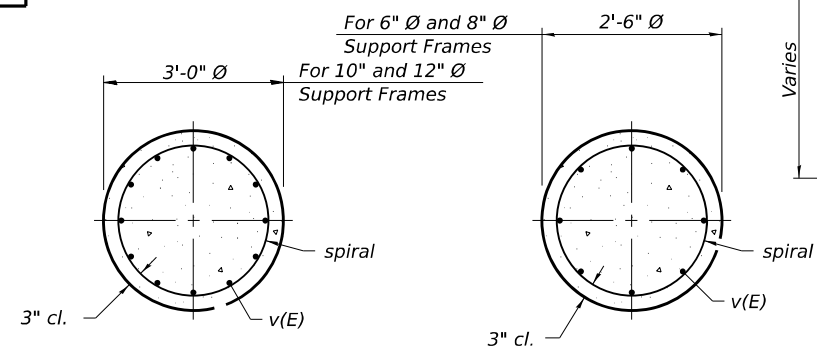
**Pipe Support Frames**

	cc	M	a	a/2
6" Ø	7'-0"	9'-6"	0'-11"	5½"
8" Ø	7'-6"	10'-0"	1'-1½"	6¾"
10" Ø	8'-3"	11'-3"	1'-3"	7½"
12" Ø	9'-0"	12'-0"	1'-6"	9"

**BAR LIST - EACH FOUNDATION**

Bar	Number	Size	Length	Shape
h(E)	14	#4	M less 4"	—
s(E)	Varies	#5	Varies	□
v(E)	16	#9	F less 0'-5"	—
v(E)	24	#9	F less 0'-5"	—

#4(E) bar spiral. See Side Elevation



Structure Number	Station	Left Foundation				Right Foundation				Class DS Concrete (Cu. Yds.)
		Elevation Top	Elevation Bottom	B	F	Elevation Top	Elevation Bottom	B	F	
1S099I080R130.3	572+13.49	630.55	608.88	16'-6"	21'-8"	-	-	-	-	14.5
1S099I080L130.9	606+33.24	646.29	623.50	16'-6"	22'-9 1/2"	-	-	-	-	16.0
1S099I080L131.2	617+25.00	645.04	620.66	16'-6"	24'-4 1/2"	-	-	-	-	16.0

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OS4-MED 4-1-2020



USER NAME = amkluver	DESIGNED - AGJ	REVISED -
PLOT SCALE = 0.1666667 / in.	DRAWN - AGJ	REVISED -
PLOT DATE = 10/5/2023	CHECKED - JMG, MAI	REVISED -
	DATE - 10/6/23	REVISED -

**STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION**

**OVERHEAD SIGN STRUCTURES MEDIAN SUPPORT FOUNDATION DETAILS**

SCALE: SHEET 11 OF 24 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
I-80	FAI 80 22 BR	WILL	1201	473
CONTRACT NO. 62R89			ILLINOIS FED. AID PROJECT	



# BORING LOG OHS07-01

wangeng@wangeng.com  
1145 N. Main Street  
Lombard, IL 60148  
Telephone: 630-953-9928  
Fax: 630-953-9938

WEI Job No.: 7901-15-01

Client **TranSystems Corporation**  
Project **I-80 Reconstruction (Houbolt Rd to Center St)**  
Location **Will County, Illinois**

Datum: NAVD 88  
Elevation: 627.18 ft  
North: 1764477.40 ft  
East: 1039793.59 ft  
Station: 572+07.88  
Offset: 32.236 RT

Profile	Elevation (ft)	SOIL AND ROCK DESCRIPTION	Depth (ft)	Sample Type recovery	Sample No.	SPT Values (blw/6 in)	Qu (tsf)	Moisture Content (%)	Profile	Elevation (ft)	SOIL AND ROCK DESCRIPTION	Depth (ft)	Sample Type recovery	Sample No.	SPT Values (blw/6 in)	Qu (tsf)	Moisture Content (%)
	626.5	8-inch thick ASPHALT --PAVEMENT--															
	626.2	4-inch thick, black SANDY LOAM --BASE COURSE--	1		5	4	2.50	24				9		4	3.20	21	
		Very stiff to hard, black SILTY CLAY, trace gravel; moist --FILL-- --RDR 2--	5		6	8	4.02	20			--sand lenses--	25		3	1.97	22	
					8	10								5			
	621.7	Stiff to hard, brown to gray SILTY CLAY, trace gravel; damp to moist --RDR 2--	3		6	9	6.72	16				30		3	2.05	21	
					9	10								5			
			10		8	9	5.41	16			--sand seam--	35		3	2.05	20	
					10	13								5			
					6	7	4.76	19		592.2		35		4	2.71	21	
					7	10				Boring terminated at 35.00 ft							
					8	8	2.71	22						3			
					5	6	2.46	18						3			
					6	8								6			

### GENERAL NOTES

Begin Drilling **02-27-2023** Complete Drilling **02-27-2023**  
Drilling Contractor **Wang Testing Services** Drill Rig **20D50T [80%]**  
Driller **RH&JD** Logger **A. Scifers** Checked by **J. Bensen**  
Drilling Method **2.25" IDA HSA; boring backfilled upon completion**

### WATER LEVEL DATA

While Drilling  **DRY**  
At Completion of Drilling  **DRY**  
Time After Drilling **NA**  
Depth to Water  **NA**  
The stratification lines represent the approximate boundary between soil types; the actual transition may be gradual.



# BORING LOG OHS07-02

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1145 N. Main Street  
Lombard, IL 60148  
Telephone: 630-953-9928  
Fax: 630-953-9938

WEI Job No.: 7901-15-01

Client **TranSystems Corporation**  
Project **I-80 Reconstruction (Houbolt Rd to Center St)**  
Location **Will County, Illinois**

Datum: NAVD 88  
Elevation: 626.37 ft  
North: 1764434.54 ft  
East: 1039798.24 ft  
Station: 572+10.82  
Offset: 75.238 RT

Profile	Elevation (ft)	SOIL AND ROCK DESCRIPTION	Depth (ft)	Sample Type recovery	Sample No.	SPT Values (blw/6 in)	Qu (tsf)	Moisture Content (%)	Profile	Elevation (ft)	SOIL AND ROCK DESCRIPTION	Depth (ft)	Sample Type recovery	Sample No.	SPT Values (blw/6 in)	Qu (tsf)	Moisture Content (%)
	625.9	5-inch thick, dark brown SILTY CLAY LOAM --TOPSOIL--															
		Stiff to very stiff, dark brown SILTY CLAY, trace gravel --FILL-- --RDR 2--	1		1	2	1.75	26				25		4	NR		
					2	3	2.75	22						3	1.64	21	
					5	5								5			
	620.9	Stiff to hard, brown to gray SILTY CLAY, trace gravel --RDR 2--	3		4	6	5.41	30				30		4	1.64	21	
					6	9								5			
			10		3	6	4.76	16				30		3	1.89	21	
					4	9								4			
					5	8	6.40	20						4	1.89	21	
					3	14								6			
					4	8	6.40	19		591.4		35		4	1.97	20	
					7	3	2.87	20		Boring terminated at 35.00 ft							
					8	6	2.05	19						8			
					3	8								6			

### GENERAL NOTES

Begin Drilling **02-24-2023** Complete Drilling **02-24-2023**  
Drilling Contractor **Wang Testing Services** Drill Rig **21GeoA[96%]**  
Driller **AG&EH** Logger **F. Bozga** Checked by **J. Bensen**  
Drilling Method **2.25" IDA HSA; boring backfilled upon completion**

### WATER LEVEL DATA

While Drilling  **DRY**  
At Completion of Drilling  **DRY**  
Time After Drilling **NA**  
Depth to Water  **NA**  
The stratification lines represent the approximate boundary between soil types; the actual transition may be gradual.

MODEL: BL\_P0\_P0 - Plan 3 (Sheet)  
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USER NAME = amkluver	DESIGNED - AGJ	REVISED -
PLOT SCALE = 0.1666667 / in.	DRAWN - AGJ	REVISED -
PLOT DATE = 10/5/2023	CHECKED - JMG, MAI	REVISED -
	DATE - 10/6/23	REVISED -

## STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION

### OVERHEAD SIGN STRUCTURES SOIL BORINGS I

SCALE: SHEET 12 OF 24 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
I-80	FAI 80 22 BR	WILL	1201	474
CONTRACT NO. 62R89				
ILLINOIS FED. AID PROJECT				



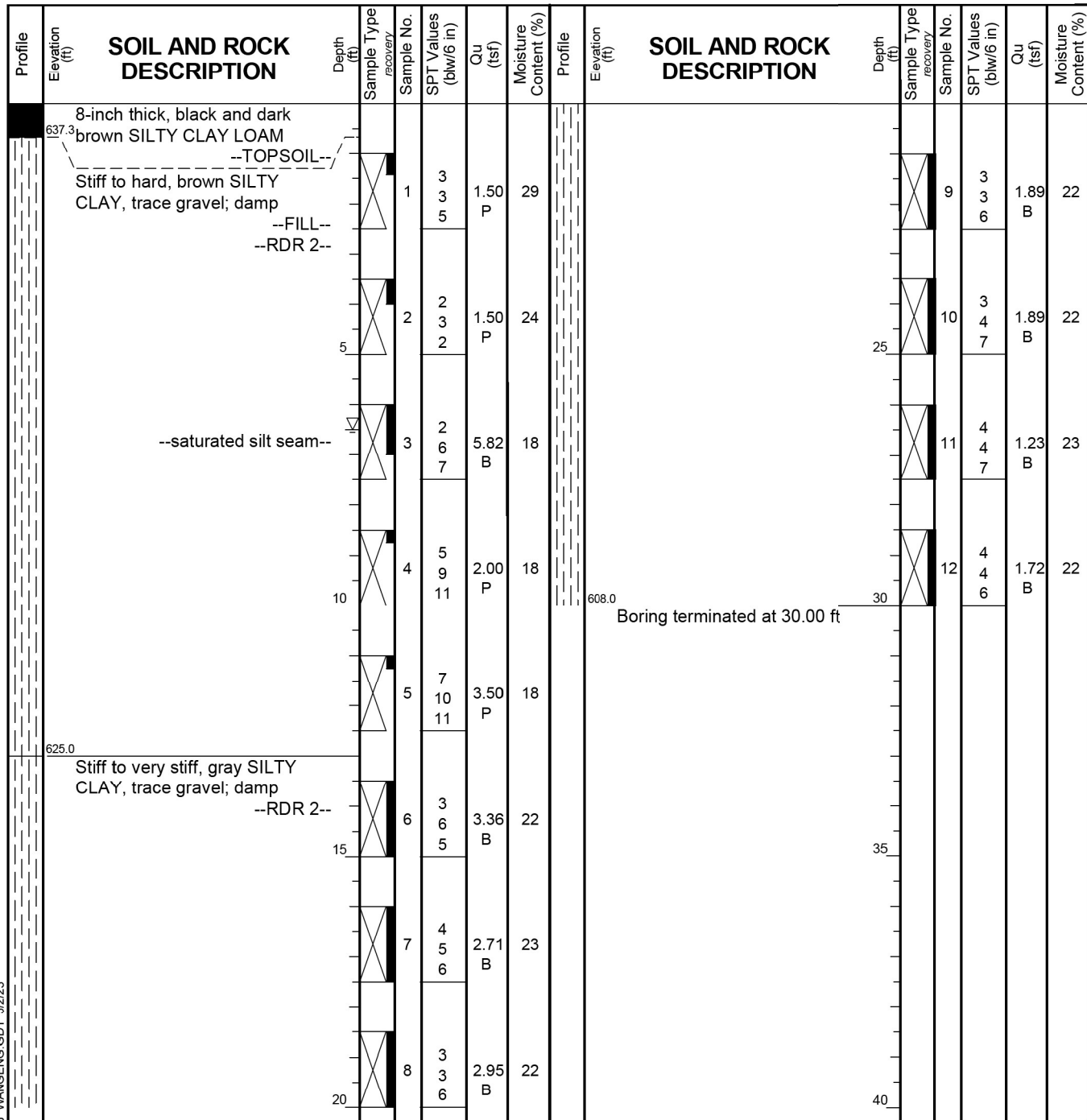


## BORING LOG OHS10-01

wangeng@wangeng.com  
 1145 N. Main Street  
 Lombard, IL 60148  
 Telephone: 630-953-9928  
 Fax: 630-953-9938

WEI Job No.: 7901-15-01  
 Client **TranSystems Corporation**  
 Project **I-80 Reconstruction (Houbolt Rd to Center St)**  
 Location **Will County, Illinois**

Datum: NAVD 88  
 Elevation: 638.00 ft  
 North: 1764730.97 ft  
 East: 1043213.62 ft  
 Station: 606+35.30  
 Offset: 84.844 LT



MODEL: BL\_00\_Plan\_3 (Sheet) FILE NAME: p:\projects\235Structure\235Structure\Overhead Sign Structures\Overhead Sign Structures\Drawings\CAD\235Structure\235Structure\235Structure.dwg

WANGENGINC\_79011501.GPJ WANGENG.GDT 5/2/23

### GENERAL NOTES

Begin Drilling **02-08-2023** Complete Drilling **02-08-2023**  
 Drilling Contractor **Wang Testing Services** Drill Rig **20D25A [83%]**  
 Driller **KS&AP** Logger **N. Karahalios** Checked by **J. Bensen**  
 Drilling Method **2.25" IDA HSA; boring backfilled upon completion**

### WATER LEVEL DATA

While Drilling  $\nabla$  **6.50 ft**  
 At Completion of Drilling  $\nabla$  **DRY**  
 Time After Drilling **NA**  
 Depth to Water  $\nabla$  **NA**

The stratification lines represent the approximate boundary between soil types; the actual transition may be gradual.

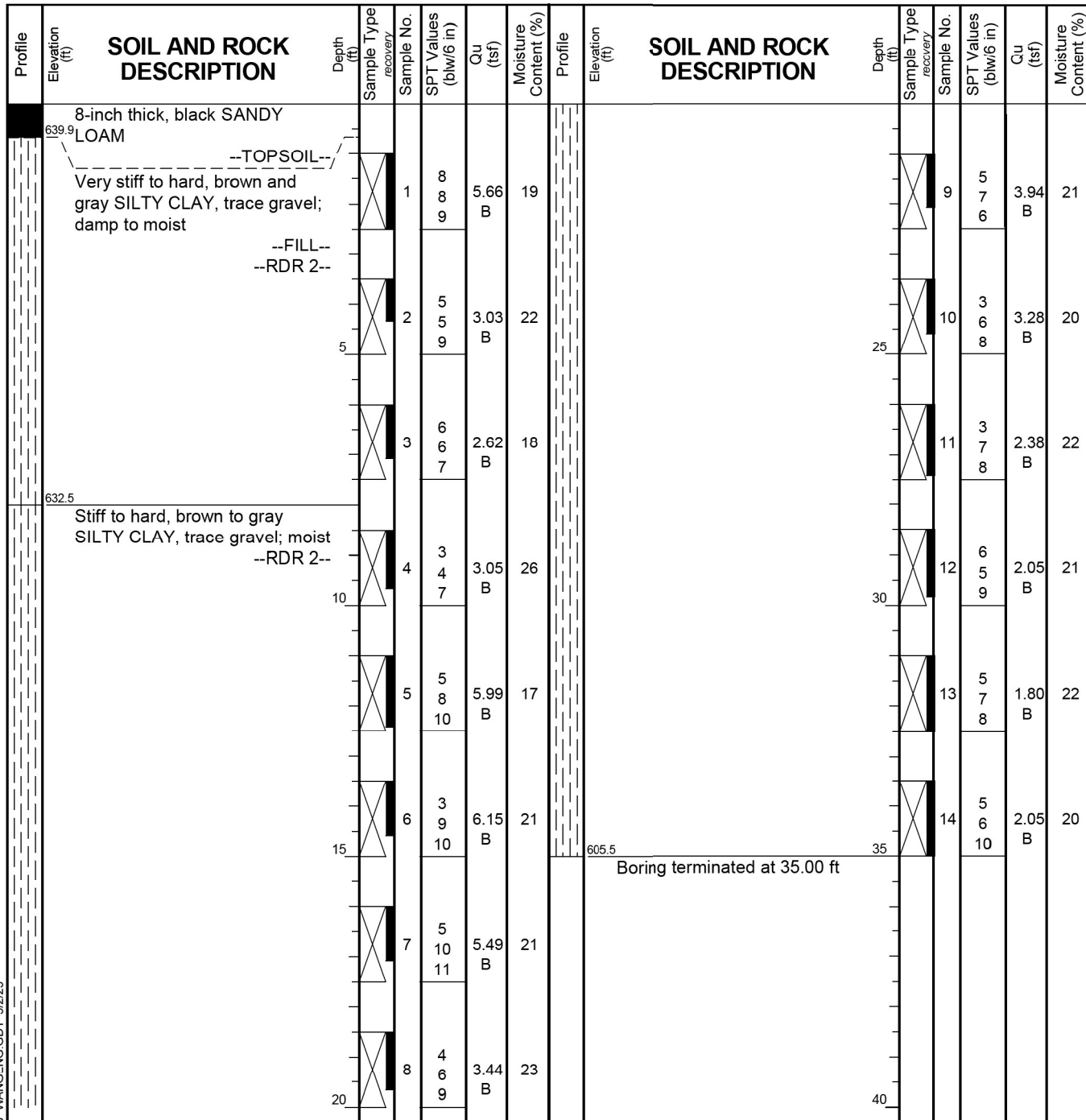


## BORING LOG OHS10-02

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 1145 N. Main Street  
 Lombard, IL 60148  
 Telephone: 630-953-9928  
 Fax: 630-953-9938

WEI Job No.: 7901-15-01  
 Client **TranSystems Corporation**  
 Project **I-80 Reconstruction (Houbolt Rd to Center St)**  
 Location **Will County, Illinois**

Datum: NAVD 88  
 Elevation: 640.51 ft  
 North: 1764666.55 ft  
 East: 1043217.32 ft  
 Station: 606+36.43  
 Offset: 20.331 LT



WANGENGINC\_79011501.GPJ WANGENG.GDT 5/2/23

### GENERAL NOTES

Begin Drilling **02-26-2023** Complete Drilling **02-27-2023**  
 Drilling Contractor **Wang Testing Services** Drill Rig **20D50T [80%]**  
 Driller **RH&JD** Logger **A. Scifers** Checked by **J. Bensen**  
 Drilling Method **2.25" IDA HSA; boring backfilled upon completion**

### WATER LEVEL DATA

While Drilling  $\nabla$  **DRY**  
 At Completion of Drilling  $\nabla$  **DRY**  
 Time After Drilling **NA**  
 Depth to Water  $\nabla$  **NA**

The stratification lines represent the approximate boundary between soil types; the actual transition may be gradual.



USER NAME = amkluver	DESIGNED - AGJ	REVISED -
PLOT SCALE = 0.166666' / in.	DRAWN - AGJ	REVISED -
PLOT DATE = 10/5/2023	CHECKED - JMG, MAI	REVISED -
	DATE - 10/6/23	REVISED -

**STATE OF ILLINOIS**  
**DEPARTMENT OF TRANSPORTATION**

**OVERHEAD SIGN STRUCTURES**  
**SOIL BORINGS II**

SCALE: SHEET 13 OF 24 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
I-80	FAI 80 22 BR	WILL	1201	475
CONTRACT NO. 62R89				
ILLINOIS / FED. AID PROJECT				



### BORING LOG OHS13-01

wangeng@wangeng.com  
1145 N. Main Street  
Lombard, IL 60148  
Telephone: 630-953-9928  
Fax: 630-953-9938

Client **TranSystems Corporation**  
Project **I-80 Reconstruction (Houbolt Rd to Center St)**  
Location **Will County, Illinois**

Datum: NAVD 88  
Elevation: 633.78 ft  
North: 1764769.70 ft  
East: 1044307.59 ft  
Station: 617+29.94  
Offset: 79.945 LT

Profile Elevation (ft)	SOIL AND ROCK DESCRIPTION	Depth (ft)	Sample Type recovery	Sample No.	SPT Values (blw/6 in)	Qu (tsf)	Moisture Content (%)	Profile Elevation (ft)	SOIL AND ROCK DESCRIPTION	Depth (ft)	Sample Type recovery	Sample No.	SPT Values (blw/6 in)	Qu (tsf)	Moisture Content (%)
633.0	9-inch thick, dark brown SILTY CLAY LOAM --TOPSOIL--														
	Stiff to hard, brown and gray SILTY CLAY, trace gravel; damp --FILL-- --RDR 2--	1	X	3	4	3.20	20			9	X	14	10	10.25	16
		4		4	4	B				10	X	12	15	9.02	17
		5		3	4	2.46	22			25	X	15	17	7.79	18
				3	4	1.64	24				X	16	9	5.71	18
		10		6	6	1.07	20			30	X	16	16		
				6	7	B									
				6	5	4.26	22				X	5	5	4.59	19
				5	10	B									
620.8	Very stiff to hard, gray SILTY CLAY to SILTY CLAY LOAM, trace gravel; damp --RDR 2--	15	X	8	8	2.87	25	598.8		35	X	15	11	2.50	20
				8	9	B									
				15	16	3.00	18				X	9	16	10.25	18
				16	16	P									
				10	11	3.00	17				X	10	15	9.51	17
		20		20	20	P				40					

#### GENERAL NOTES

Begin Drilling **06-01-2023** Complete Drilling **06-02-2023**  
Drilling Contractor **Wang Testing Services** Drill Rig **21GeoA[96%]**  
Driller **AG&GUS** Logger **M. Rojo** Checked by **J. Bensen**  
Drilling Method **2.25" IDA HSA; boring backfilled upon completion**

#### WATER LEVEL DATA

While Drilling **DRY**  
At Completion of Drilling **DRY**  
Time After Drilling **NA**  
Depth to Water **NA**  
The stratification lines represent the approximate boundary between soil types; the actual transition may be gradual.



### BORING LOG OHS13-02

wangeng@wangeng.com  
1145 N. Main Street  
Lombard, IL 60148  
Telephone: 630-953-9928  
Fax: 630-953-9938

Client **TranSystems Corporation**  
Project **I-80 Reconstruction (Houbolt Rd to Center St)**  
Location **Will County, Illinois**

Datum: NAVD 88  
Elevation: 637.02 ft  
North: 1764686.53 ft  
East: 1044306.67 ft  
Station: 617+25.71  
Offset: 3.124 RT

Profile Elevation (ft)	SOIL AND ROCK DESCRIPTION	Depth (ft)	Sample Type recovery	Sample No.	SPT Values (blw/6 in)	Qu (tsf)	Moisture Content (%)	Profile Elevation (ft)	SOIL AND ROCK DESCRIPTION	Depth (ft)	Sample Type recovery	Sample No.	SPT Values (blw/6 in)	Qu (tsf)	Moisture Content (%)
636.4	7-inch thick, dark brown SILTY CLAY LOAM --TOPSOIL--														
	Stiff to very stiff, brown and gray SILTY CLAY, trace gravel; damp --FILL-- --RDR 2--	1	X	2	3	2.05	19			7	X	7	12	7.79	18
		5		2	3	2.05	18			25	X	6	13	6.72	19
				2	5	B									
				4	5	1.64	20				X	10	14	4.50	16
				5	4	B									
		10		2	3	1.32	18			30	X	6	13	4.50	17
				3	3	B									
626.5	Very stiff to hard, brown to gray SILTY CLAY, trace gravel; damp --RDR 2--	15	X	5	5	4.59	19				X	5	6	4.02	20
				5	7	B									
				5	8	2.50	21	602.0		35	X	5	6	4.02	20
				8	8	P									
				9	16	10.25	18								
				23	23	B									
				10	15	9.51	17								
		20		25	25	B				40					

#### GENERAL NOTES

Begin Drilling **05-31-2023** Complete Drilling **06-01-2023**  
Drilling Contractor **Wang Testing Services** Drill Rig **21GeoA[96%]**  
Driller **AG&GUS** Logger **M. Rojo** Checked by **J. Bensen**  
Drilling Method **2.25" IDA HSA; boring backfilled upon completion**

#### WATER LEVEL DATA

While Drilling **DRY**  
At Completion of Drilling **DRY**  
Time After Drilling **NA**  
Depth to Water **NA**  
The stratification lines represent the approximate boundary between soil types; the actual transition may be gradual.

MODEL: BL\_00\_Plan\_3 (Sheet)  
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USER NAME = amkluver	DESIGNED - AGJ	REVISED -
PLOT SCALE = 0.166666' / in.	DRAWN - AGJ	REVISED -
PLOT DATE = 10/5/2023	CHECKED - JMG, MAI	REVISED -
	DATE - 10/6/23	REVISED -

### STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION

### OVERHEAD SIGN STRUCTURES SOIL BORINGS III

SCALE: SHEET 14 OF 24 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
I-80	FAI 80 22 BR	WILL	1201	476
CONTRACT NO. 62R89				
ILLINOIS FED. AID PROJECT				

**GENERAL NOTES**

DESIGN: AASHTO Standard Specifications for Structural Supports for Highway Signs, Luminaires and Traffic Signals. ("AASHTO Specifications")

CONSTRUCTION: Current (at time of letting) Illinois Department of Transportation Standard Specifications for Road and Bridge Construction, Supplemental Specifications and Special Provisions. ("Standard Specifications")

LOADING: 90 M.P.H. WIND VELOCITY

WALKWAY LOADING: Dead load plus 500 lbs. concentrated live load.

DESIGN STRESSES:

Field Units

$f_c = 3,500$  p.s.i.

$f_y = 60,000$  p.s.i. (reinforcement)

WELDING: All welds to be continuous unless otherwise shown. All welding to be done in accordance with current AWS D1.1 and D1.2 Structural Welding Codes (Steel and Aluminum) and the Standard Specifications.

MATERIALS: Aluminum Alloys as shown throughout plans. All Structural Steel Pipe shall be ASTM A53 Grade B or A500 Grade B or C. If A500 pipe is substituted for A53, then the outside diameter shall be as detailed and wall thickness greater than or equal to A53.

All Structural Steel Plates and Shapes shall conform to AASHTO M270 Gr. 36, Gr. 50 or Gr. 50W\*. Stainless steel for shims, sleeves and handhole covers shall be ASTM A240, Type 302 or 304, or another alloy suitable for exterior exposure and acceptable to the Engineer.

The steel pipe and stiffening ribs at the base plate for the column shall have a minimum longitudinal Charpy V-Notch (CVN) energy of 15 lb.-ft. at 40° F. (Zone 2) before galvanizing.

FASTENERS FOR ALUMINUM TRUSSES: All bolts noted as "high strength" must satisfy the requirements of AASHTO M164 (ASTM A325), or approved alternate, and must have matching lock nuts. Threaded studs for splices (if Members interfere) must satisfy the requirements of ASTM A449, ASTM A193, Grade B7, or approved alternate, and must have matching lock nuts. Bolts and lock nuts not required to be high strength must satisfy the requirements of ASTM A307. All bolts and lock nuts must be hot dip galvanized per AASHTO M232. The lock nuts must have nylon or steel inserts. A stainless steel flat washer conforming to ASTM A240 Type 302 or 304, is required under both head and nut or under both nuts where threaded studs are used. High strength bolt installation shall conform to Article 505.04 (f) (2)d of the IDOT Standard Specifications for Road and Bridge Construction. Rotational capacity ("ROCAP") testing of bolts will not be required.

U-BOLTS AND EYEBOLTS: U-Bolts and Eyebolts must be produced from ASTM A276 Type 304, 304L, 316 or 316L, Condition A, cold finished stainless steel, or an equivalent material acceptable to the Engineer. All nuts for U-Bolts and Eyebolts must be lock nuts equivalent to ASTM A307 with nylon or steel inserts and hot dip galvanized per AASHTO M232. A stainless steel flat washer conforming to ASTM A240, Type 302 or 304, is required under each U-Bolt and Eyebolt lock nut.

GALVANIZING: All Steel Grating, Plates, Shapes and Pipe shall be Hot Dip Galvanized after fabrication in accordance with AASHTO M111. Painting is not permitted.

ANCHOR RODS: Shall conform to ASTM F1554 Gr. 105.

CONCRETE SURFACES: All concrete surfaces above an elevation 6" below the lowest final ground line at each foundation shall be cleaned and coated with Concrete Sealer in accordance with the Standard Specifications.

REINFORCEMENT BARS: Reinforcement Bars designated (E) shall be epoxy coated in accordance with the Standard Specifications.

FOUNDATIONS: The contract unit price for Drilled Shaft Concrete Foundations shall include reinforcement bars complete in place.

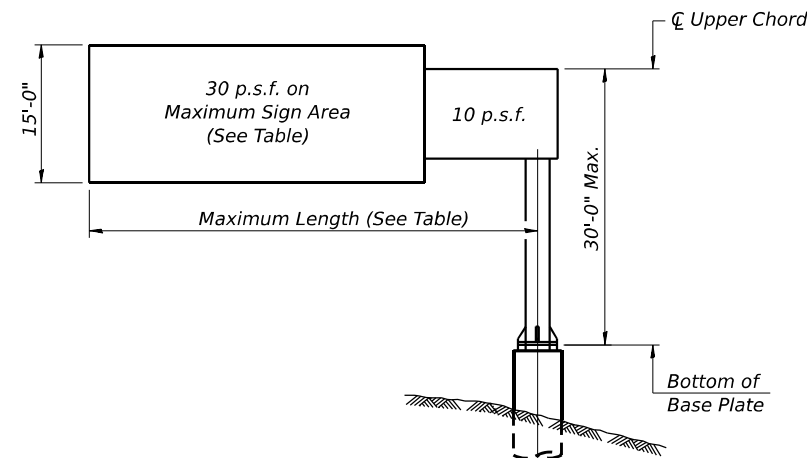
WALKWAY: Walkway grating, walkway brackets, handrails, lighting, and associated components shown in these plans on the traffic side of the sign structure/sign panel will not be installed with Contract 62R89. The truss grating and maintenance walkway behind the sign panel will be included with Overhead Sign Structure - Cantilever, Type III-C-A (36"x7'-0").

**TOTAL BILL OF MATERIAL**

ITEM	UNIT	TOTAL
Overhead Sign Structure - Cantilever, Type III-C-A (36" X 7'-0")	Foot	72.0
Drilled Shaft Concrete Foundations	Cu Yd	22.0

Structure Number	Station	Design Truss Type	Cantilever Length (L)	Elev. A	Dim. D	Ds	Total Sign Area
IC0991080R130.0	557+06.03	III-C-A	34'-0"	628.58	16'-10"	13'-0"	208 Sq. Ft.
IC0991080R131.1	617+00.00	III-C-A	38'-0"	642.74	24'-0"	14'-0"	224 Sq. Ft.

Truss Type	Maximum Sign Area	Maximum Length
I-C-A	170 Sq. Ft.	25 Ft.
II-C-A	340 Sq. Ft.	30 Ft.
III-C-A	400 Sq. Ft.	40 Ft.



**DESIGN WIND LOADING DIAGRAM**

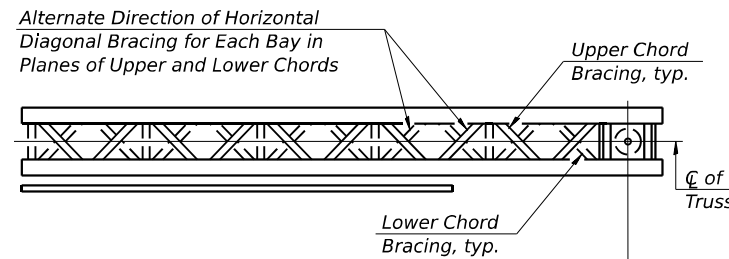
Parameters shown are basis for I.D.O.T. Standards. Installations not within dimensional limits shown require special analysis for all components.

Note:

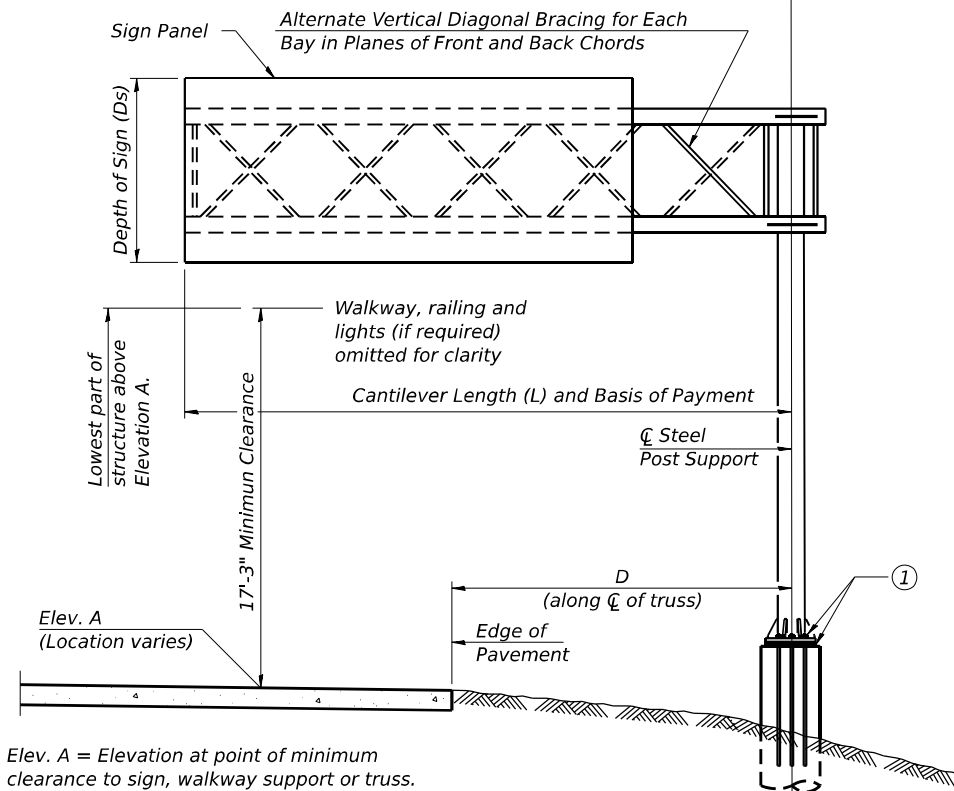
Trusses shall be shipped individually with adequate provision to prevent detrimental motion during transport. This may require ropes between horizontals and diagonals or energy dissipating (elastic) ties to the vehicle. The contractor is responsible for maintaining the configuration and protection of the trusses.

① After adjustments to level truss and insure adequate vertical clearance, all top and leveling nuts shall be tightened against the base plate with a minimum torque of 200 lb.-ft. Stainless steel mesh shall then be placed around the perimeter of the base plate. Secure to base plate with stainless steel banding.

\* If M270 Gr. 50W (M222) steel is proposed, chemistry for plate to be used shall first be approved by the Engineer as suitable for galvanizing and welding.



**TYPICAL PLAN**  
(Walkway not shown)



**TYPICAL ELEVATION**

Looking in Direction of Traffic

Elev. A = Elevation at point of minimum clearance to sign, walkway support or truss.

Sign support structures may be subject to damaging vibrations and oscillations when sign panels are not in place during erection or maintenance of the structure. To avoid these vibrations and oscillations, consideration should be given to attaching temporary blank sign panels to the structure.



Signed Moussa A. Issa  
Dr. Moussa A. Issa, S.E. II. Lic. No. 081-005738  
Expires 11-30-2024

Date 6/21/2023 For Sheets 15 thru 24  
(Total of 10 Sheets)

MODEL: BL\_00\_Plan\_1 (Sheet)  
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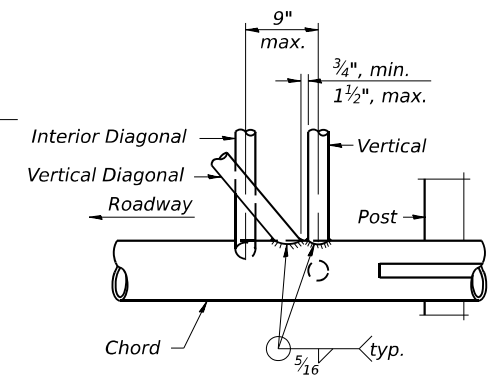
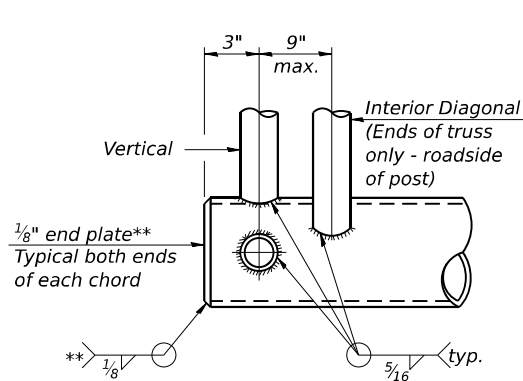
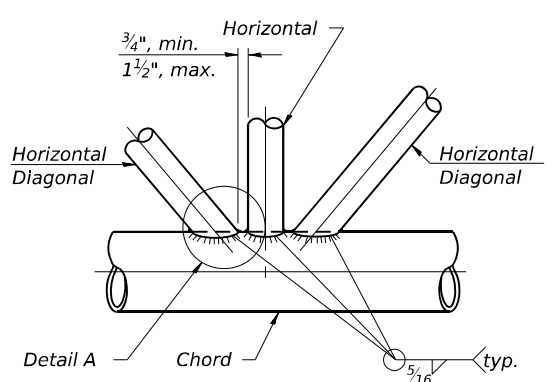
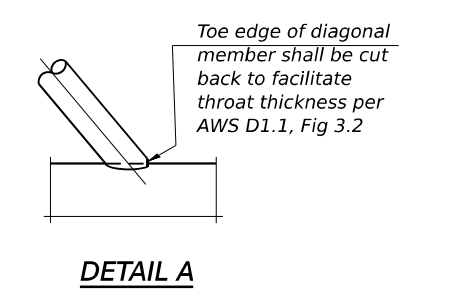
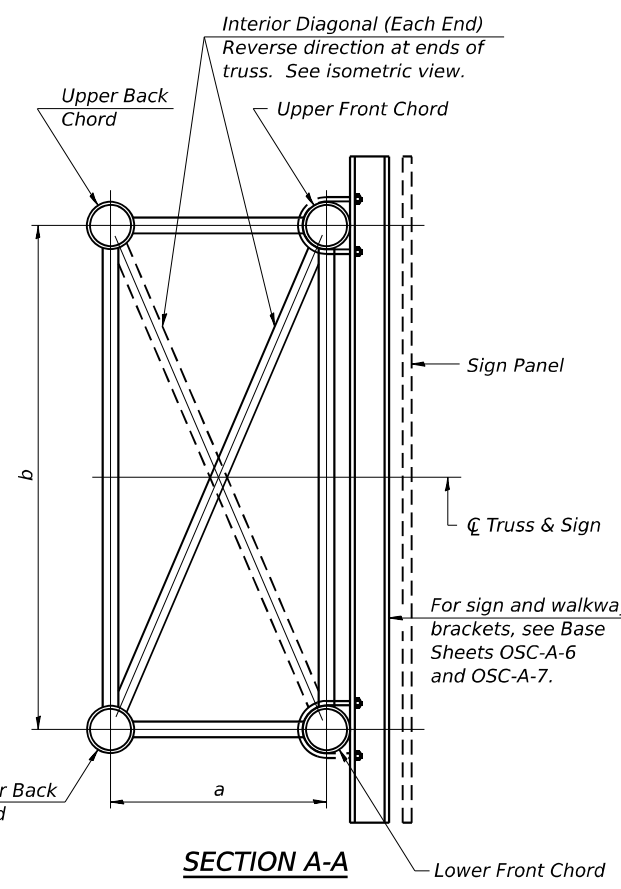
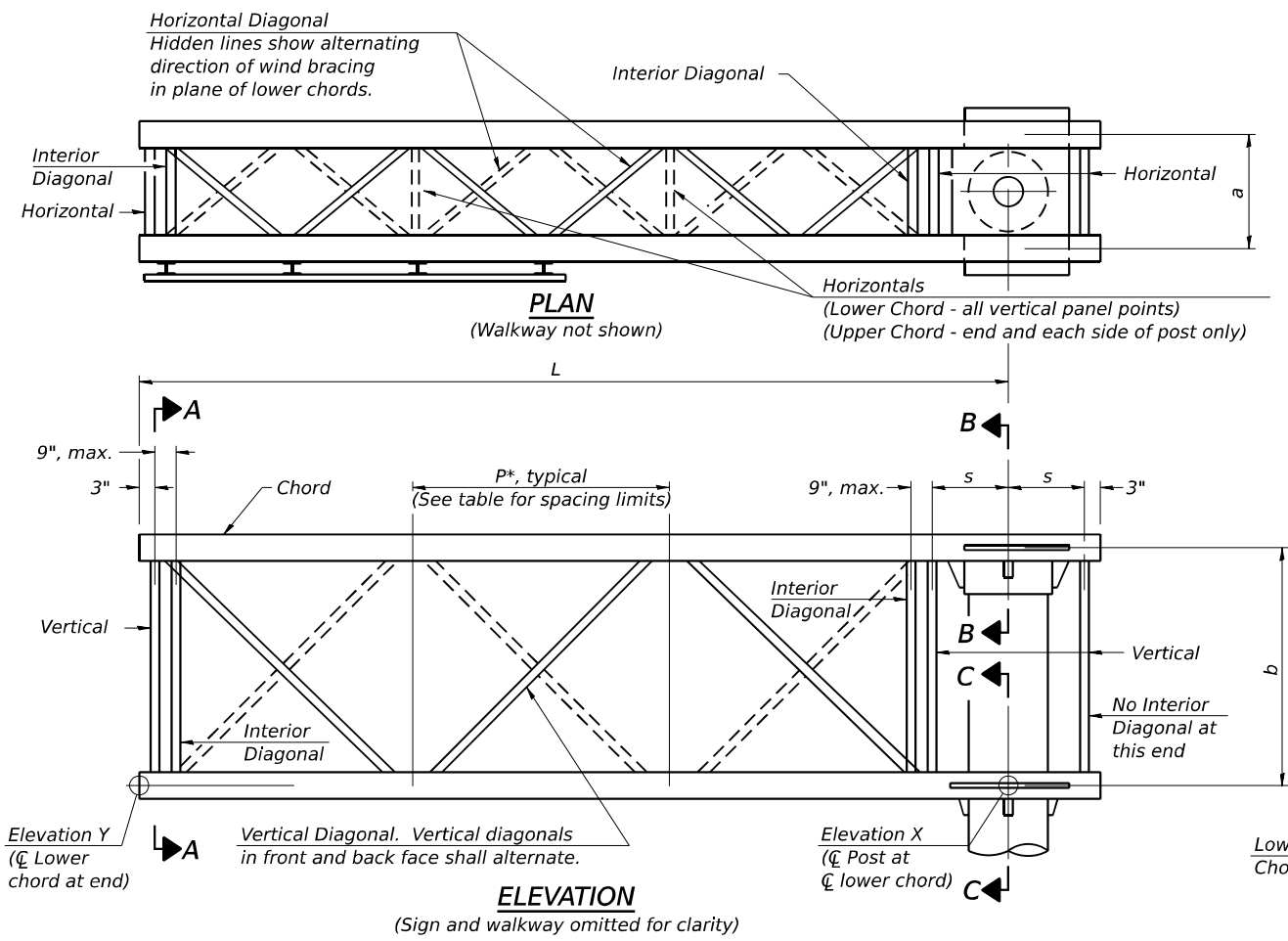
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PLOT SCALE = 0.166666' / in.	DRAWN - AGJ	REVISED -
PLOT DATE = 10/5/2023	CHECKED - JMG, MAI	REVISED -
	DATE - 10/6/23	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**CANTILEVER SIGN STRUCTURES - GENERAL PLAN & ELEVATION  
ALUMINUM TRUSS & STEEL POST**

SCALE: SHEET 15 OF 24 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
I-80	FAI 80 22 BR	WILL	1201	477
ILLINOIS FED. AID PROJECT			CONTRACT NO. 62R89	



**\*\* Contractor may alternatively use standard aluminum drive-fit cap to close ends. 1/2" Ø Drain hole in end plate / drive-fit cap.**

Note: For Section B-B and Section C-C, see Base Sheet OSC-A-3.

There are twice as many horizontal diagonals as there are vertical diagonals.

**TRUSS UNIT TABLE**

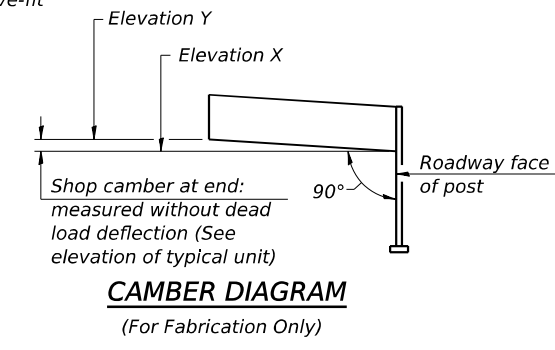
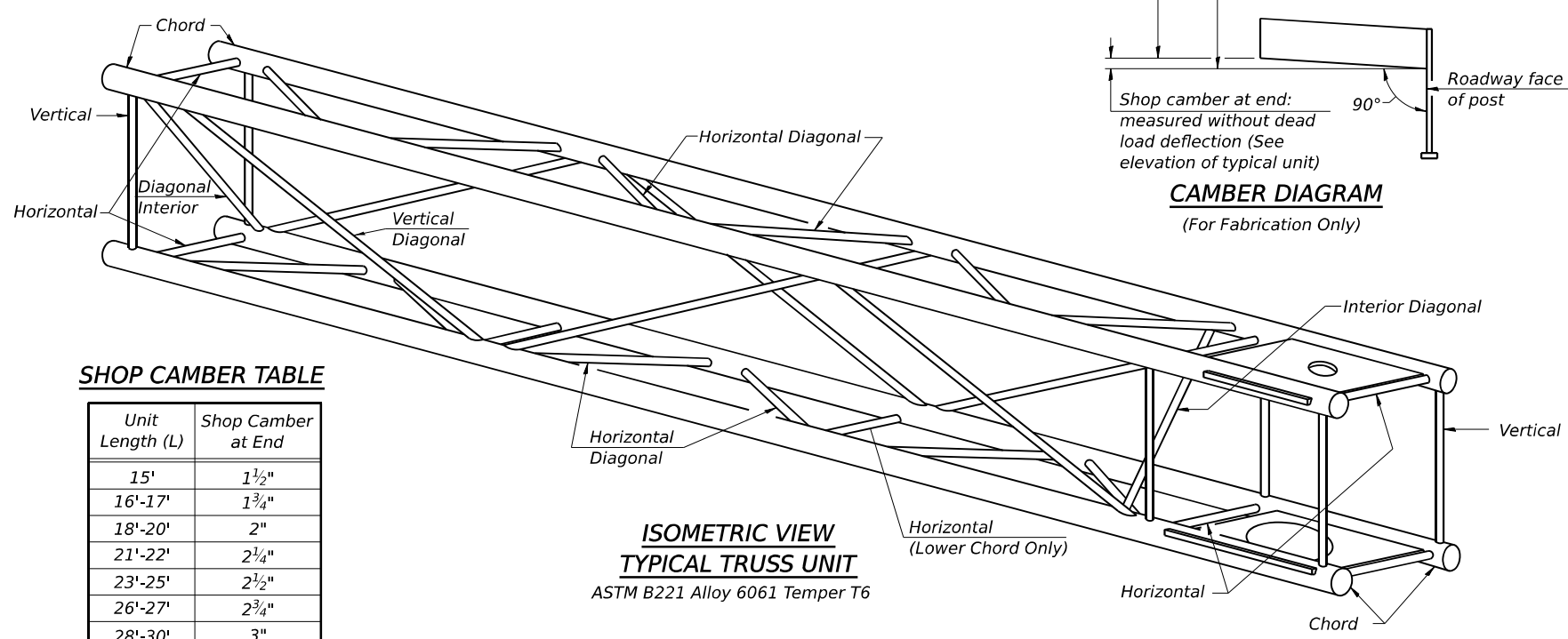
Truss Type	Dimension "a"	Dimension "b"	Dimension "s"	Limits for Panel Spacing (P)*	Up. & Low. Chord		Verticals; Horizontals; Vertical, Horizontal, and Interior Diagonals	
					O.D.	Wall	O.D.	Wall
I-C-A	24"	54"	16"	36" min. to 48" max.	5"	5/16"	2 1/2"	5/16"
II-C-A	36"	66"	21"	42" min. to 54" max.	6 1/2"	5/16"	3 1/4"	5/16"
III-C-A (35' Max.)	36"	84"	21"	48" min. to 66" max.	7"	3/8"	3 1/2"	3/8"
III-C-A (>35' to 40')	36"	84"	21"	48" min. to 66" max.	8"	3/8"	3 1/2"	3/8"

$$*P = \frac{L - s - 3"}{\# \text{ Panels}}$$

Structure Number	Station	Truss Type	Design Length (L)	Number of Panels Per Unit	Panel Length (P)*
1C0991080R130.0	557+06.03	III-C-A	34'-0"	6	5'-4"
1C0991080R131.1	617+00.00	III-C-A	38'-0"	7	5'-1 3/4"

**SHOP CAMBER TABLE**

Unit Length (L)	Shop Camber at End
15'	1 1/2"
16'-17'	1 3/4"
18'-20'	2"
21'-22'	2 1/4"
23'-25'	2 1/2"
26'-27'	2 3/4"
28'-30'	3"
31'-32'	3 1/4"
33'-35'	3 1/2"
36'-37'	4"
38'-40'	4 1/2"



OSC-A-2 2-17-2017



USER NAME = amkluver	DESIGNED - AGJ	REVISED -
PLOT SCALE = 0.1666667 / in.	DRAWN - AGJ	REVISED -
PLOT DATE = 10/5/2023	CHECKED - JMG, MAI	REVISED -
	DATE - 10/6/23	REVISED -

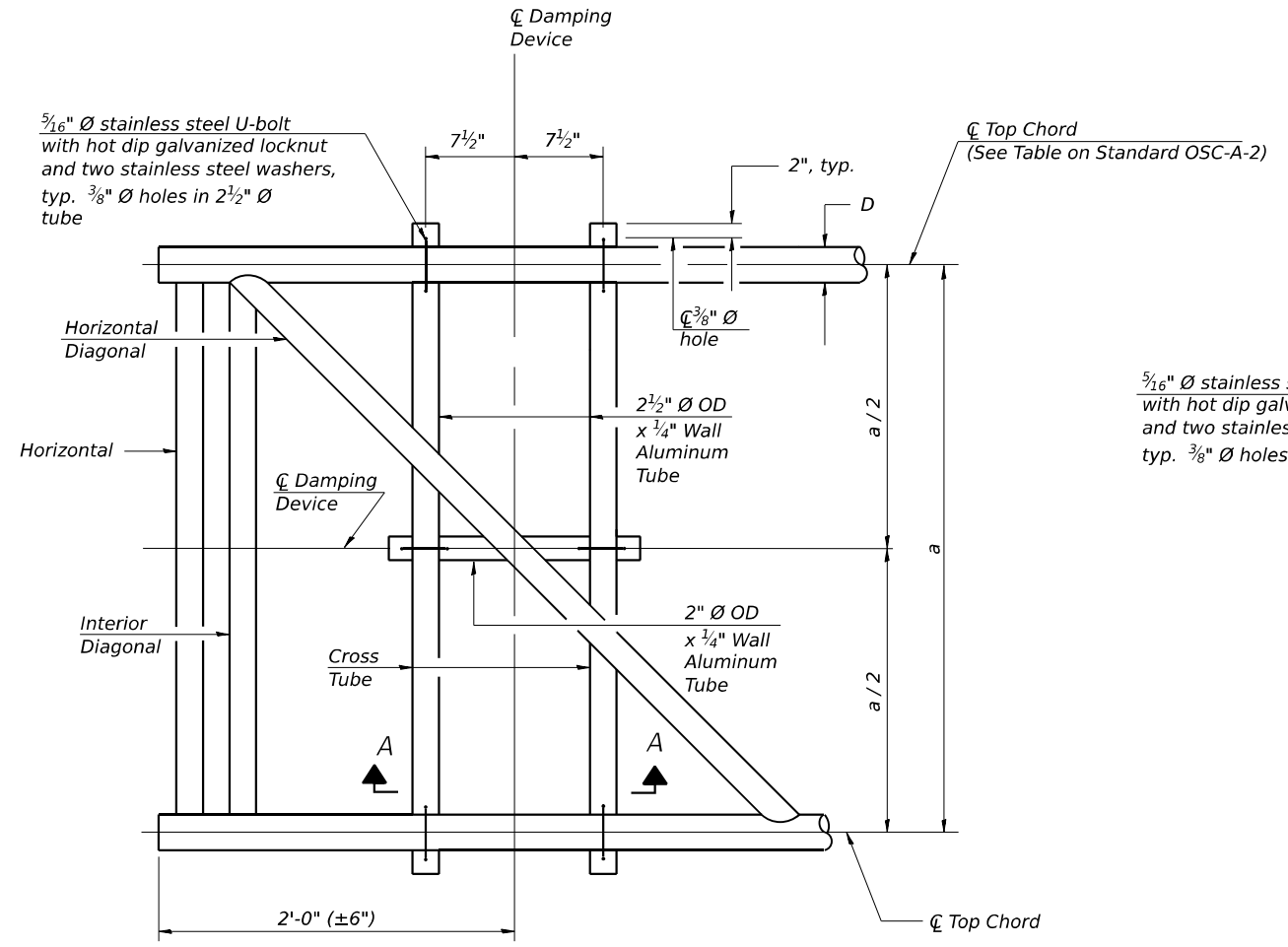
**STATE OF ILLINOIS**  
**DEPARTMENT OF TRANSPORTATION**

**CANTILEVER SIGN STRUCTURES - TRUSS DETAILS**  
**ALUMINUM TRUSS & STEEL POST**

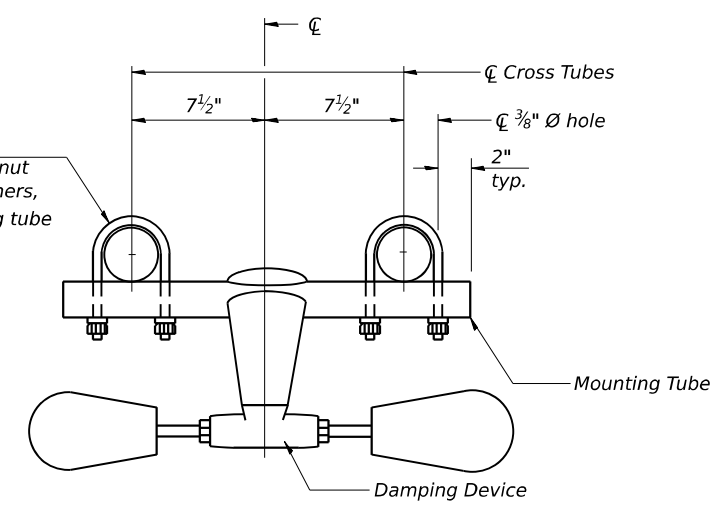
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CONTRACT NO. 62R89			ILLINOIS FED. AID PROJECT	

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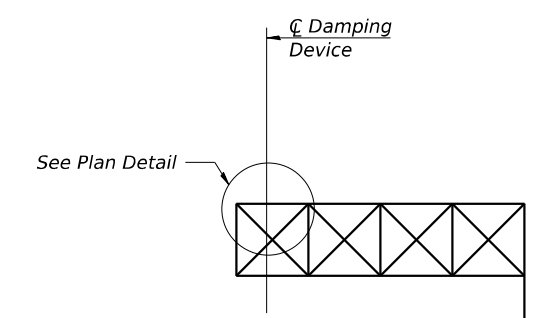
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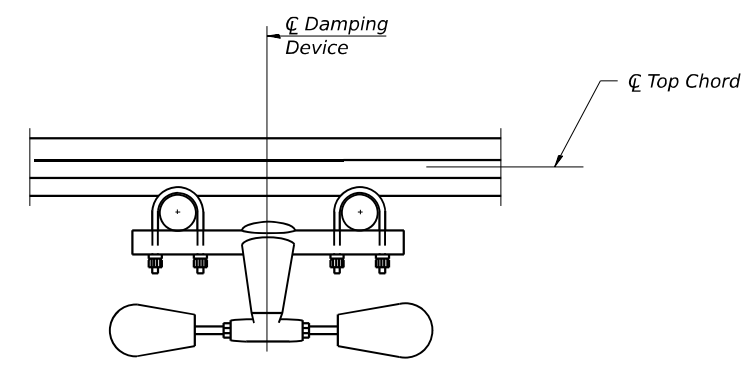
**PLAN DETAIL**



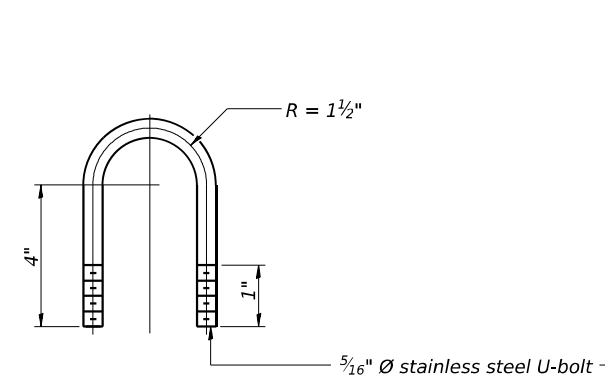
**TRUSS DAMPING DEVICE CONNECTION DETAIL**



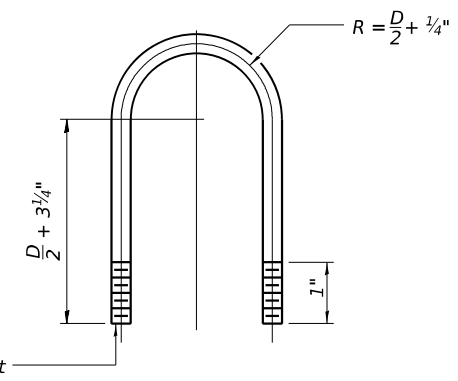
**ELEVATION**  
Aluminum Cantilever Sign Structure



**SECTION A-A**



**DAMPING DEVICE MOUNTING TUBE U-BOLT DETAIL**  
(Typical)



**TOP CHORD TO CROSS TUBE U-BOLT DETAIL**  
(Typical)

**GENERAL NOTES**

- Damper: One damper per truss. (31 lbs. Stockbridge-Type Aluminum-29" minimum between ends of weights)
- Materials: Aluminum tubes shall be ASTM B221 alloy 6061 temper T6

OSC-A-D 2-17-2017



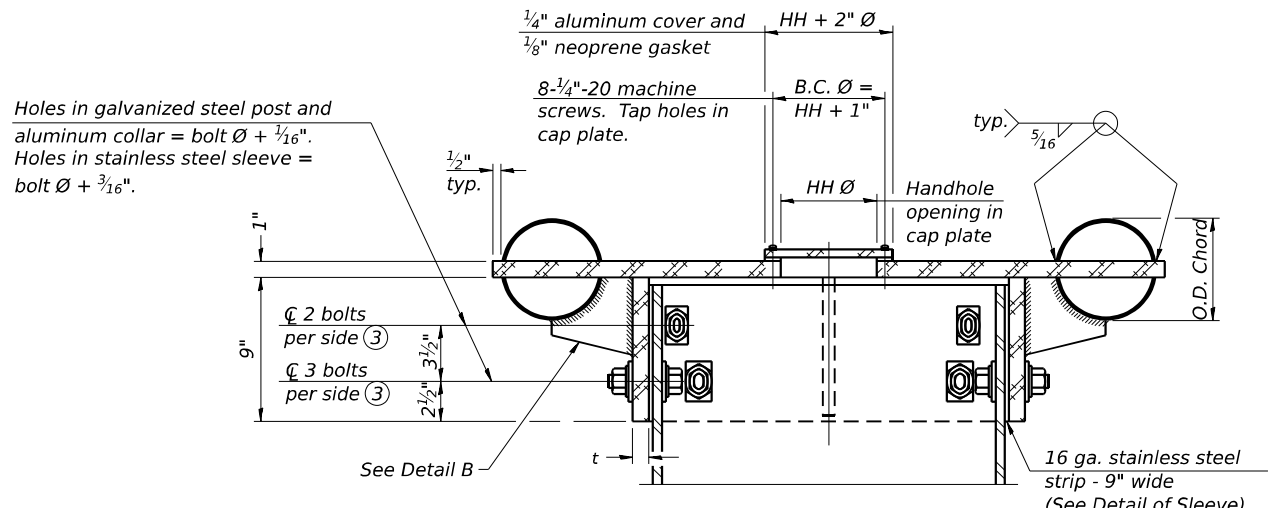
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PLOT DATE = 10/5/2023	CHECKED - JMG, MAI	REVISED -
	DATE - 10/6/23	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**CANTILEVER SIGN STRUCTURES  
DAMPING DEVICE**

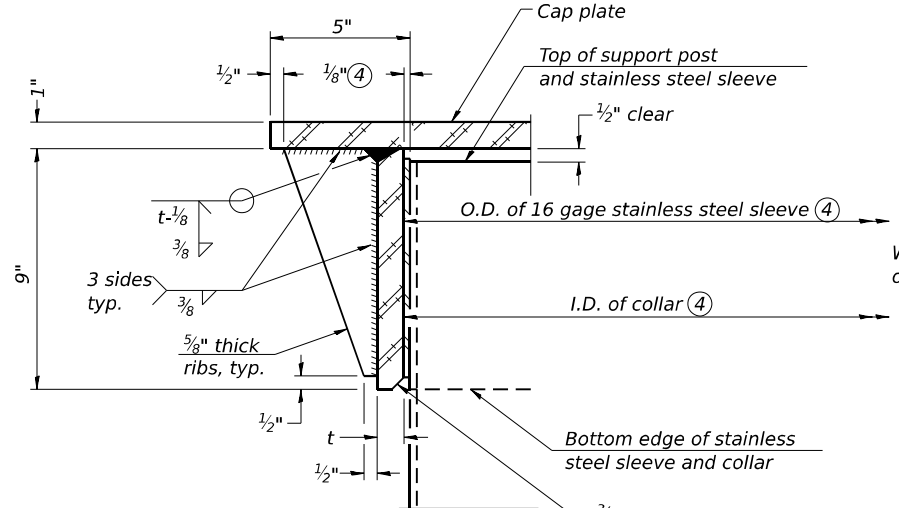
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F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
I-80	FAI 80 22 BR	WILL	1201	479
			CONTRACT NO. 62R89	
ILLINOIS FED. AID PROJECT				

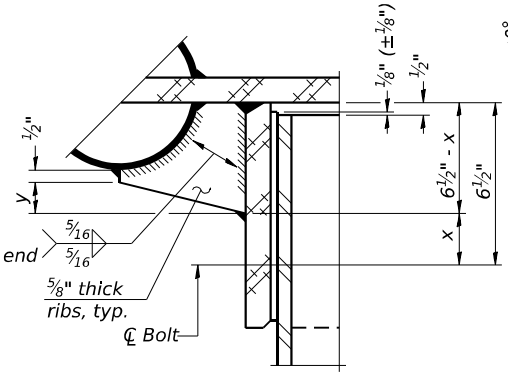


④ Collar I.D. shall be manufactured to correspond to O.D. of actual galvanized post and stainless steel sleeve plus 1/8" (±1/16"). Maximum gap between post and collar at any location equals 1/8" before tightening bolts.

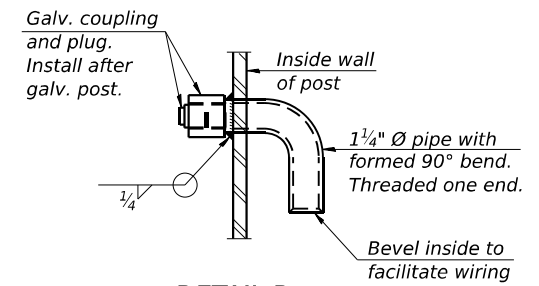
**SECTION B-B**  
Bolts, washers (including contoured washers), and locknuts shall be stainless steel.



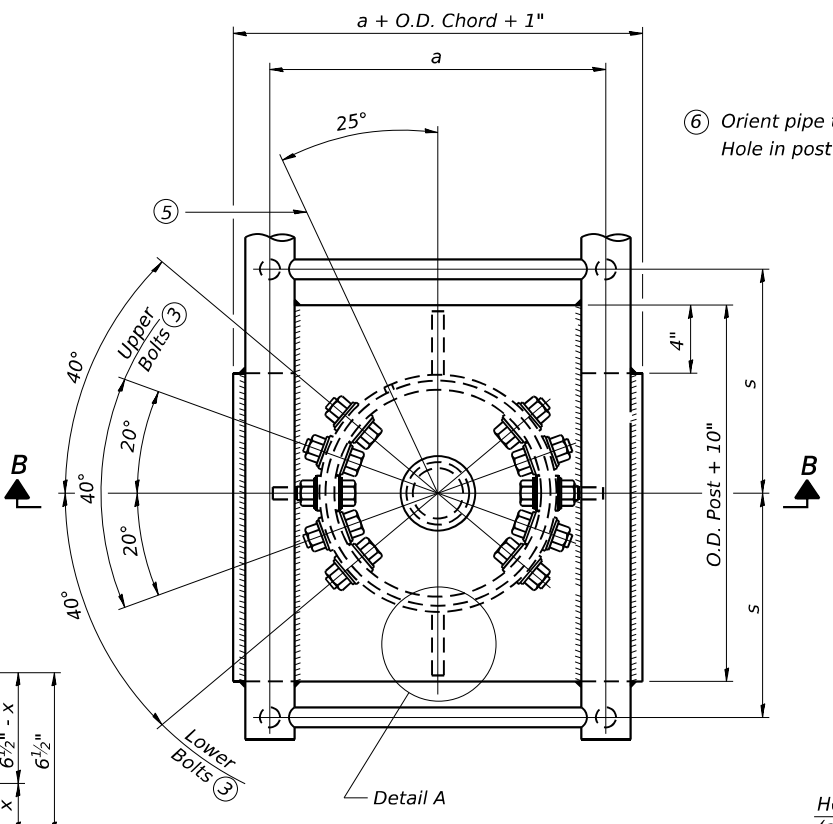
**DETAIL A**  
(Two locations)  
3/16" - 45° chamfer on inside of collar to facilitate field assembly



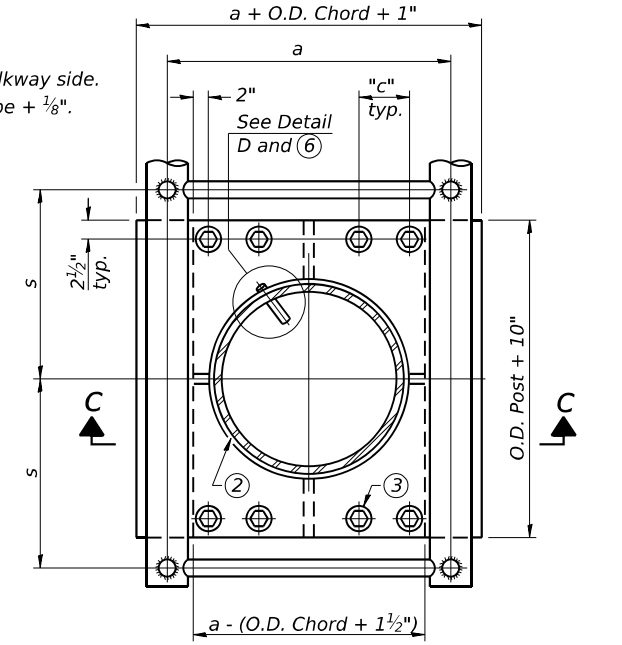
**DETAIL B**  
Two locations  
(For details not shown, see Detail C)



**DETAIL D**

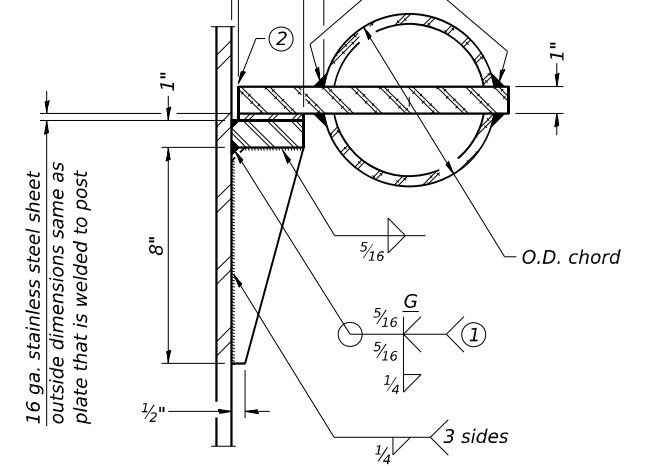


**PLAN VIEW - TOP OF COLUMN**  
⑤ Optional full penetration weld in collar. (Two locations maximum....(180° apart)....X-ray or UT 100%)

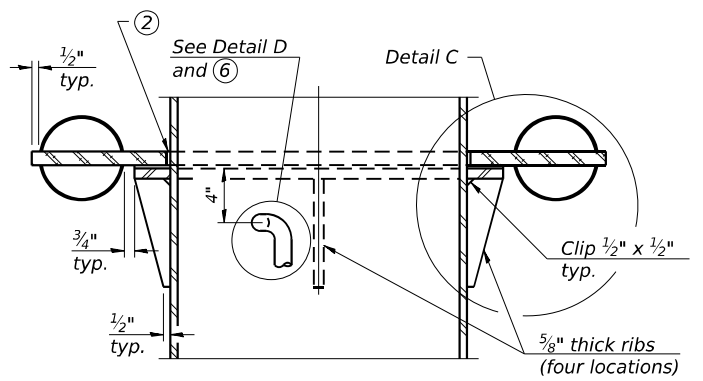


**SECTION THRU POST ABOVE LOWER CHORDS**

Hole in aluminum plate (and 16 ga. stnl. stl. sheet) to be O.D. post + 1/2"



**DETAIL C**



**SECTION C-C**

**CONTOURED WASHERS**

Bolt Size	Contoured Washers	
	Hole Dia.	B
7/8"	1"	2 1/2"
1"	1 1/8"	3"
1 1/4"	1 3/8"	3 1/4"

**DETAIL OF STAINLESS STEEL SLEEVE**

Weld to post after galvanizing. (Prepare post surface to insure tight, uniform fit and allow welding.) Welds to be 1 1/2" long at 6" cts. along top edge and at 1/4" opening.

Truss Type	Post Size	Upper & Lower Connection Bolt Diameter ③	Lower Juncture Bolt Spacing Dimension "c" ③	Opening in Cap Plate "HH"	Collar Thickness (t)	Side Ribs	
						x	y
I-C-A	16" Ø (83#f)	7/8"	3 1/4"	8"	5/8"	1 3/4"	2 1/4"
II-C-A	24" Ø (125#f)	1"	3 1/2"	12"	7/8"	2"	1 1/4"
III-C-A (35' max.)	24" Ø (125#f)	1 1/4"	3 1/2"	12"	7/8"	2"	1"
III-C-A (>35' to 40')	24" Ø (171#f)	1 1/4"	3 1/2"	12"	7/8"	2"	1"

- Grind top if required to fully seat aluminum plate and stainless steel sheet.
- After tightening lower connection bolts, fill gap with non-hardening, silicone caulk suitable for exterior exposure and acceptable to the Engineer. Cost is included in Overhead Sign Structure Cantilever.
- Upper and lower connection bolts in collar and bolts at lower chord connection shall be high strength with matching locknuts. Connection bolts shall have 2 stainless steel flat washers each.

MODEL: BL\_00 - Plan - 1 (Sheet) FILE NAME: P:\Projects\2017\2017-02-27\TransSystems\CAD\62R89\Struct\23-Structural\Sign\_Structure\Cantilever\0162R89-SHT-SIGNS-STRUCT-01-14

OSC-A-3 2-17-2017

<b>HBM</b> ENGINEERING GROUP, LLC	USER NAME = amkluver	DESIGNED - AGJ	REVISED -
	PLOT SCALE = 0.1666667 / in.	DRAWN - AGJ	REVISED -
	PLOT DATE = 10/5/2023	CHECKED - JMG, MAI	REVISED -
		DATE - 10/6/23	REVISED -

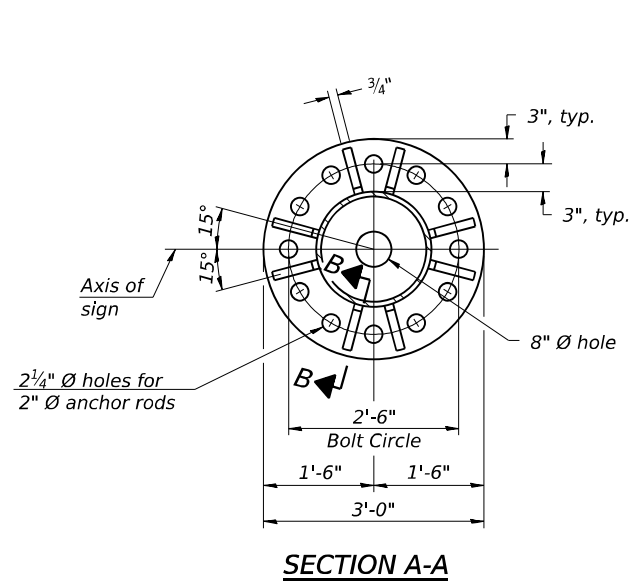
**STATE OF ILLINOIS**  
**DEPARTMENT OF TRANSPORTATION**

**CANTILEVER SIGN STRUCTURES - JUNCTURE DETAILS**  
**ALUMINUM TRUSS & STEEL POST**

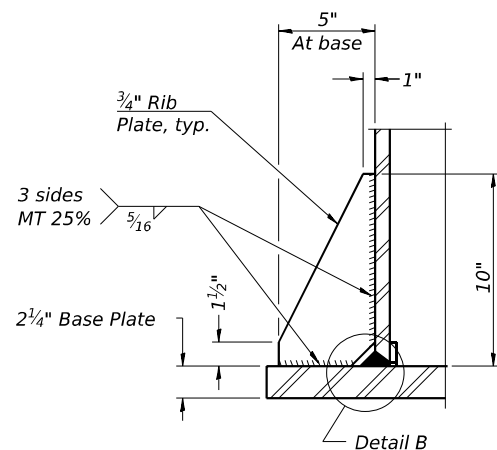
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
I-80	FAI 80 22 BR	WILL	1201	480
CONTRACT NO. 62R89			ILLINOIS FED. AID PROJECT	

SCALE: SHEET 18 OF 24 SHEETS STA. TO STA.

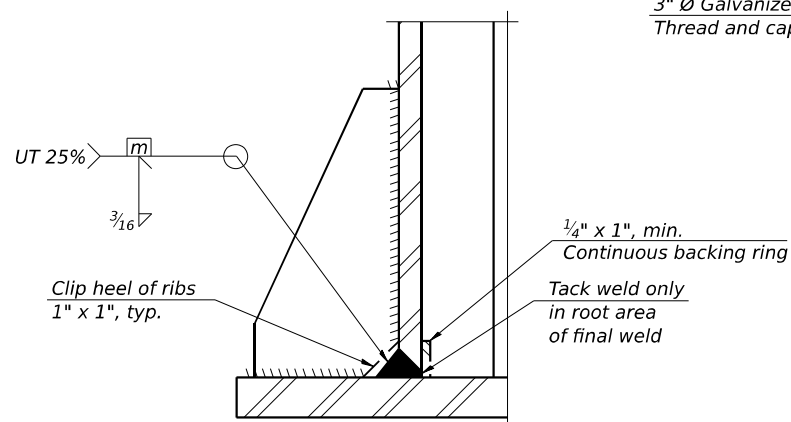
MODEL: BL\_00 - Plan 1 (Sheet)  
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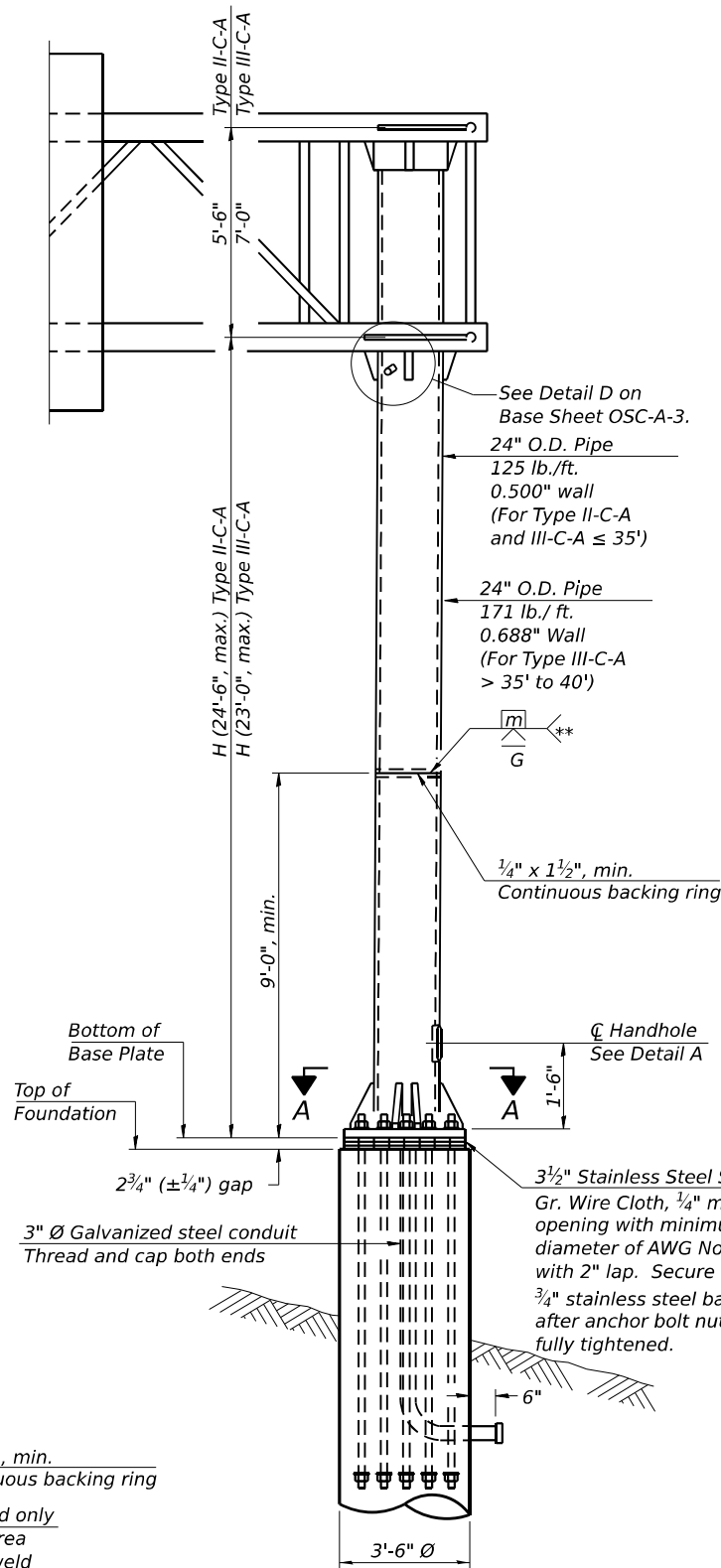
**SECTION A-A**



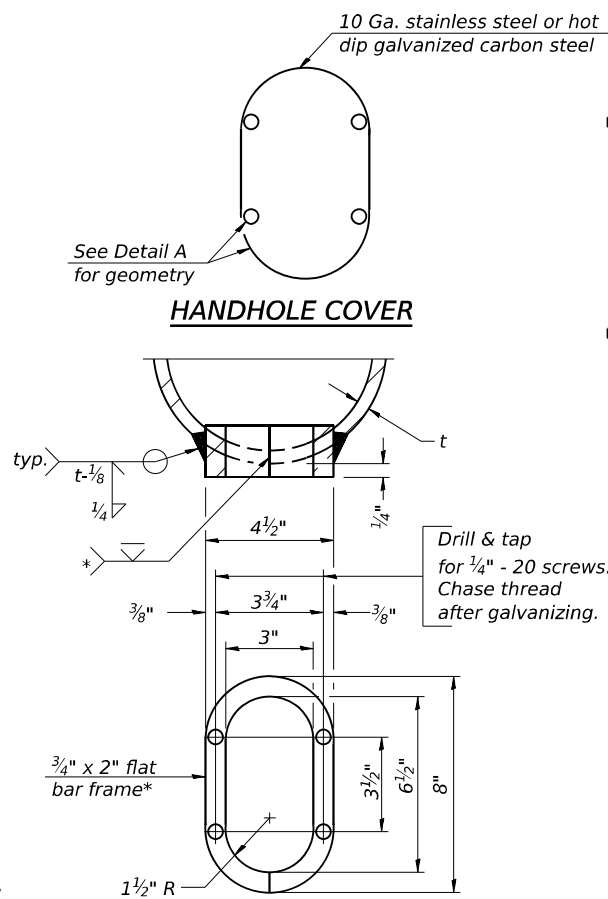
**SECTION B-B**



**DETAIL B**  
(Typical rib)



**FRONT ELEVATION**  
For Foundation Details see Sheet 23

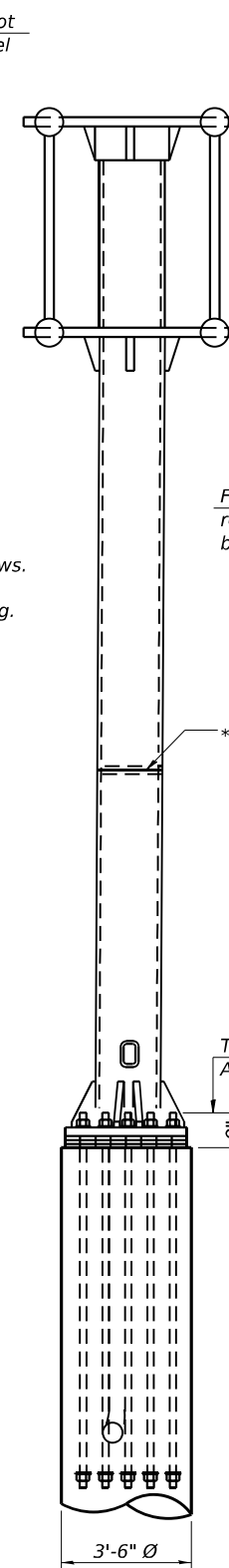


**DETAIL A**

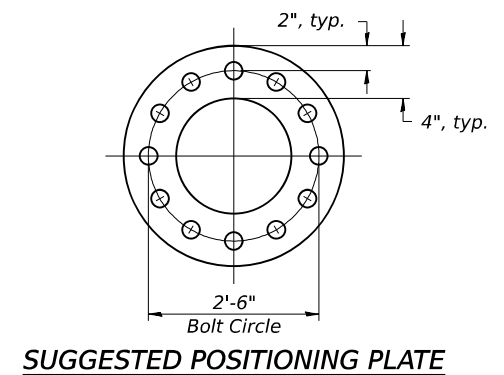
\* Bent bars may be butt welded top and bottom or bottom only. In lieu of fabricated handhole frame as shown, may cut from 2" plate (rolling direction vertical). All cut faces to be ground to ANSI Roughness of 500µ in or less.

\*\* Butt welded joint in post is only allowed for post heights (H) over 20 ft. in length. If used, weld procedure must be preapproved by Engineer and joint shall receive 100% RT or UT (tension criteria) at Contractor's expense.

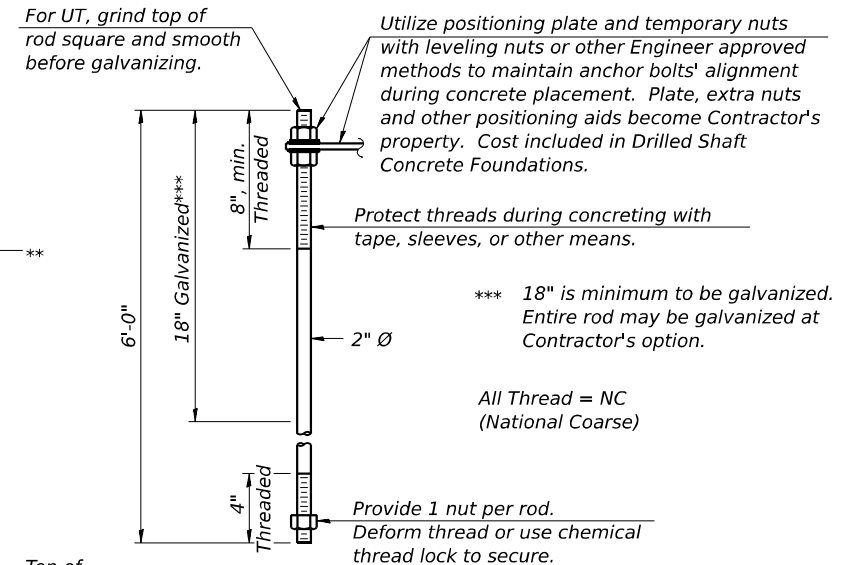
Structure Number	Station	H
1C099I080R130.0	557+06.03	22'-11 7/8"
1C099I080R131.1	617+00.00	22'-8 5/8"



**SIDE ELEVATION**



**SUGGESTED POSITIONING PLATE**



**ANCHOR ROD DETAIL**

Anchor rods shall conform to ASTM F1554 Grade 105. Galvanize the upper 18" (minimum\*\*\*) and associated AASHTO M291, Grade A, C or DH heavy hex nuts and hardened washers per AASHTO M232. No welding shall be permitted on rods. Provide a nut at bottom, a hexagon locknut and washer above base plate and a leveling nut and washer below base plate. Nuts shall each be tightened with 200 lb.-ft. minimum torque against base plate. Before or after threading, but before galvanizing, each anchor rod shall be ultrasonically tested (UT) by a Level II or III inspector, qualified in accord with ANSI guidelines, to insure no rejectable flaws exist in the upper 18" (tension criteria). Cost of testing included in Drilled Shaft Concrete Foundations.

\*\*\* 18" is minimum to be galvanized. Entire rod may be galvanized at Contractor's option.

All Thread = NC (National Coarse)

Provide 1 nut per rod. Deform thread or use chemical thread lock to secure.

Note: "H" based on 15'-0" or actual sign height, whichever is greater.

OSC-A-5

2-17-2017



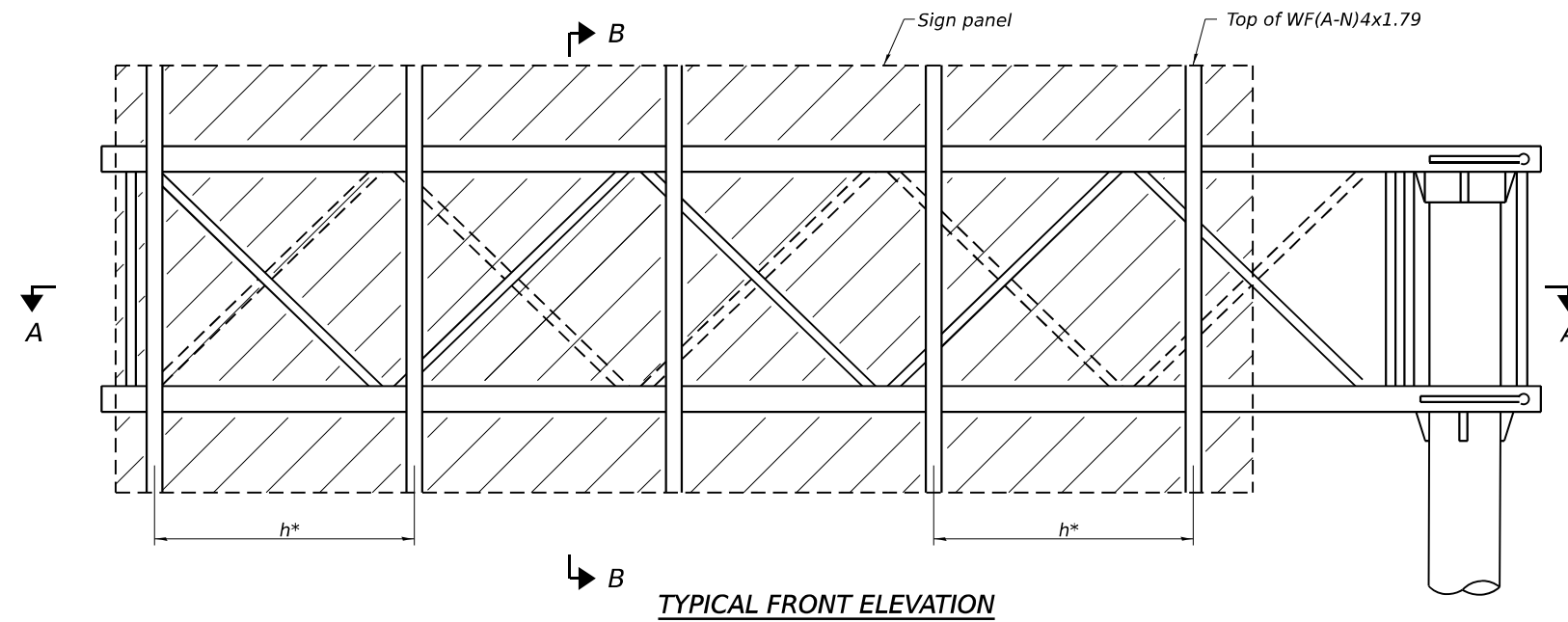
USER NAME	DESIGNED	REVISIONS
amkluver	AGJ	-
	AGJ	-
	JMG, MAI	-
		-

**STATE OF ILLINOIS**  
**DEPARTMENT OF TRANSPORTATION**

**CANTILEVER SIGN STRUCTURES - TYPE II-C-A & III-C-A**  
**TRUSS SUPPORT POST - ALUMINUM TRUSS & STEEL POST**

SCALE: SHEET 19 OF 24 SHEETS STA. TO STA.

F.A.I. R.T.E.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
I-80	FAI 80 22 BR	WILL	1201	481
CONTRACT NO. 62R89				
ILLINOIS FED. AID PROJECT				

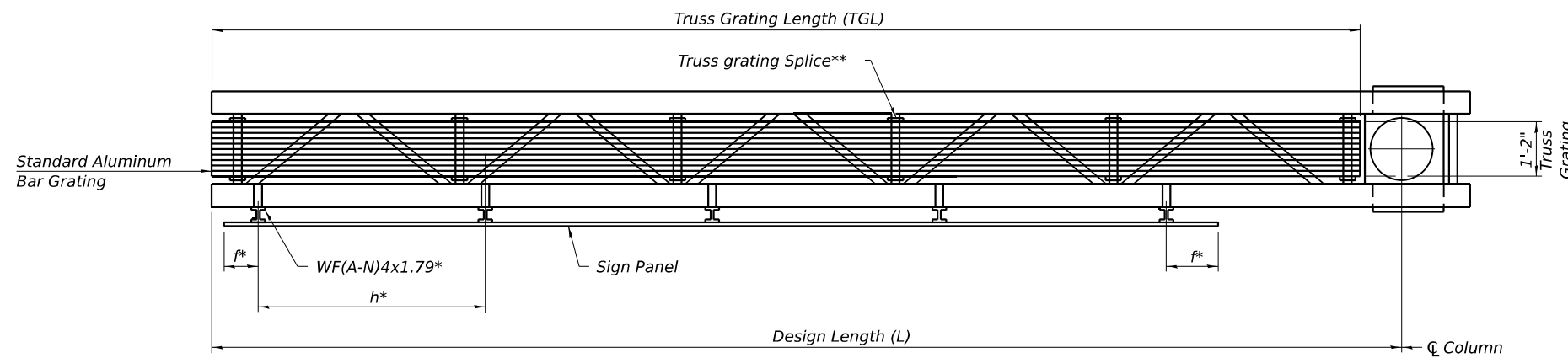


TYPICAL FRONT ELEVATION

BRACKET TABLE

WF(A-N)4x1.79 ASTM B308, Alloy 6061-T6		
Sign Width		Number Brackets Required
Greater Than	Less Than or Equal To	
8'-0"	8'-0"	2
14'-0"	14'-0"	3
20'-0"	20'-0"	4
26'-0"	26'-0"	5
32'-0"	32'-0"	6

Structure Number	Station	TGL
1C0991080R130.0	557+06.03	32'-6"
1C0991080R131.1	617+00.00	36'-6"



SECTION A-A

$$TGL = L - \left( \frac{\text{Post O.D.}}{2} + 6'' \right)$$

\* Space sign brackets WF(A-N)4x1.79 for efficiency and within limits shown:

f = 12" maximum, 4" minimum (End of sign to  $\phi$  of nearest bracket)

h = 6'-0" maximum ( $\phi$  to  $\phi$  sign support brackets, WF(A-N)4x1.79)

\*\* Use and location of grating splices are optional, based on lengths needed and material availability.

Notes:

For details of sign placement, sign brackets, truss gratings, grating splices, and Section B-B, see Base Sheet OSC-A-7-NW.

Truss grating to facilitate inspection shall run full length of cantilevers. Cost of truss grating is included in Overhead Sign Structure Cantilever.

Truss grating dimensions are nominal and may vary (width  $\frac{1}{2}'' \pm$ , depth  $\frac{1}{2}'' \pm$ ) based on available standard widths.

MODEL: BLU\_IP0\_Plan\_6 (Sheet) FILE NAME: P:\Projects\2020\Illinois\Transportation\Projects\2018\CH401\401180022\02-TransSystems\CAD\2020\Structures\Cantilever\23-Structures\Sign\Structures\Cantilever\0162889-5HT-SIGN-STRUCTURE-DET-17

OSC-A-6-NW

4-1-2020



USER NAME = amkluver	DESIGNED - AGJ	REVISED -
PLOT SCALE = 0.166666' / in.	DRAWN - AGJ	REVISED -
PLOT DATE = 10/5/2023	CHECKED - JMG, MAI	REVISED -
	DATE - 10/6/23	REVISED -

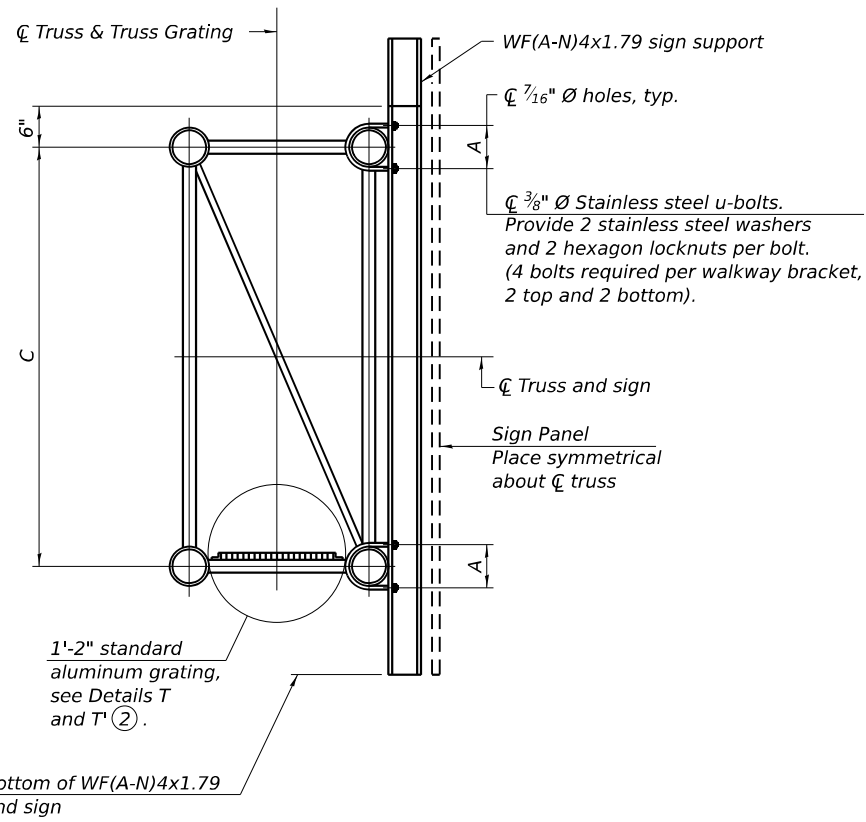
STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

CANTILEVER SIGN STRUCTURES - ALUMINUM WALKWAY  
DETAILS - ALUMINUM TRUSS & STEEL POST

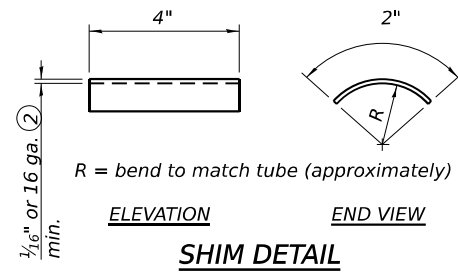
SCALE: SHEET 20 OF 24 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
I-80	FAI 80 22 BR	WILL	1201	482
ILLINOIS FED. AID PROJECT			CONTRACT NO. 62R89	





**SECTION B-B**



- ① Drilling holes in grating may be done in shop or field, based on Contractor's preference and subject to accurate alignment.
- ② Stainless steel shims shall be placed as shown in Detail T if needed to compensate for alignment variations between horizontal and diagonal pipes beyond adjustment provided by angles. Thicker shims may be used subject to shims performing properly.
- ③ Tube to grating gap may vary from 0 to 1/2 inch, max. to align walkway, allow for camber, etc.

Bottom of WF(A-N)4x1.79 and sign

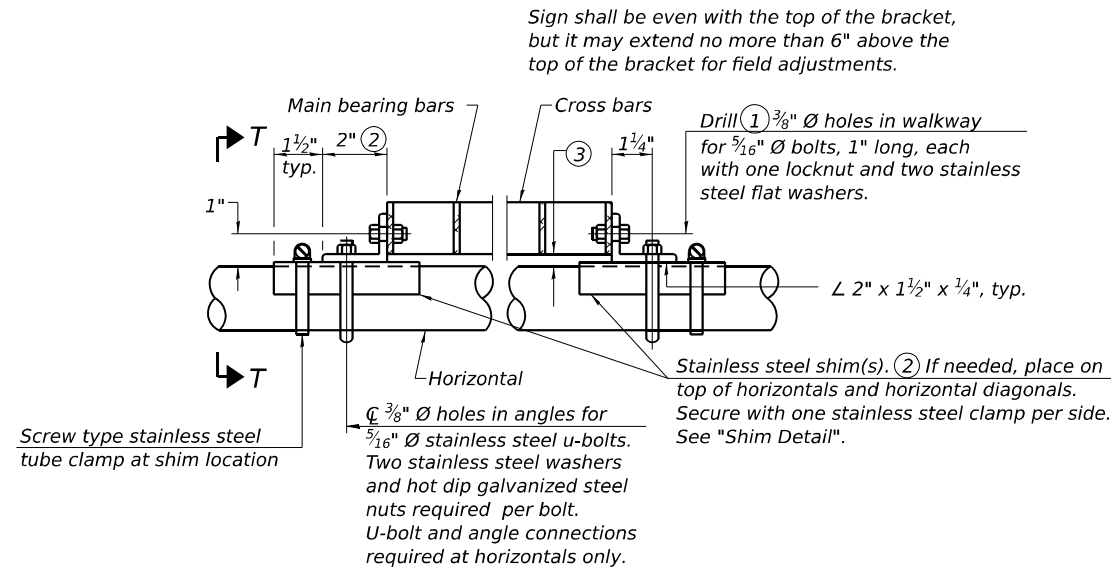
**SPECIFICATIONS FOR STANDARD ALUMINUM GRATING**

Main Bearing Bars (MBB) shall be 3/16" x 1 1/2" on 1 3/16" centers and conform to ASTM B211 Alloy 6061-T6.  
 Cross bars (CB) shall be 3/16" x 1 1/2" on 4" centers and conform to ASTM B221 Alloy 6063-T5 or 6061-T6.

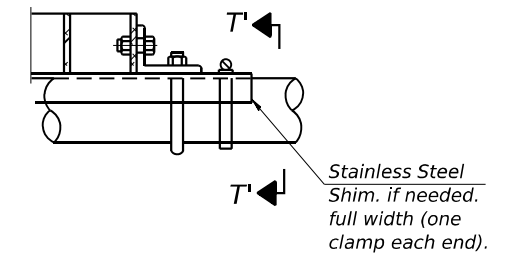
OR

Aluminum Grating with modified "t" sections for main bearing bars shall meet the following requirements:  
 Main bars shall conform to ASTM B221 Alloy 6061-T6 and have a minimum section modulus equal to 0.0705 in.<sup>3</sup> per bar, a depth of 1 1/2", spaced on 1 3/16" centers.  
 Cross bars shall conform to ASTM B221 Alloy 6063-T5 or T-42 and spaced on 4" centers.

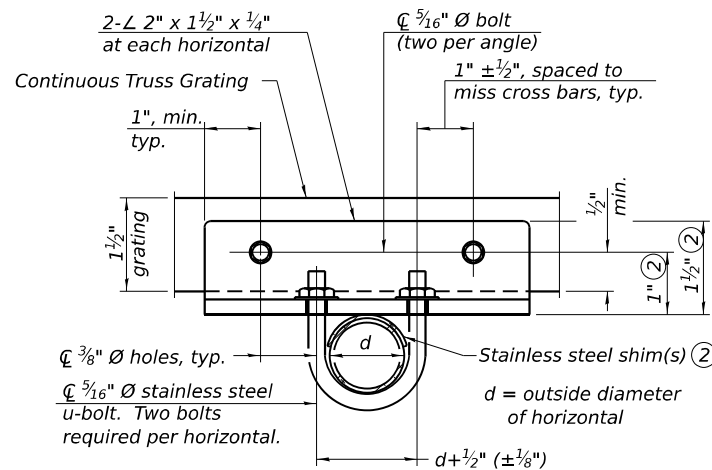
Structure Number	Station	A	C
1C0991080R130.0	557+06.03	8"	7'-0"
1C0991080R131.1	617+00.00	9"	7'-0"



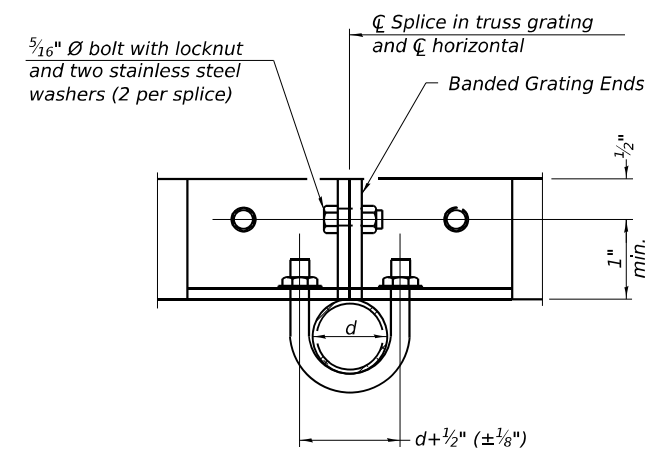
**DETAIL T**  
(Continuous Truss grating)



**DETAIL T**  
(Truss grating splice)  
Details not shown same as Detail T. Alternate materials may be used subject to the Engineer's review and approval.



**SECTION T-T**



**SECTION T-T**

OSC-A-7-NW

4-1-2020



USER NAME = amkluver	DESIGNED - AGJ	REVISED -
PLOT SCALE = 0.1666667 / in.	DRAWN - AGJ	REVISED -
PLOT DATE = 10/5/2023	CHECKED - JMG, MAI	REVISED -
	DATE - 10/6/23	REVISED -

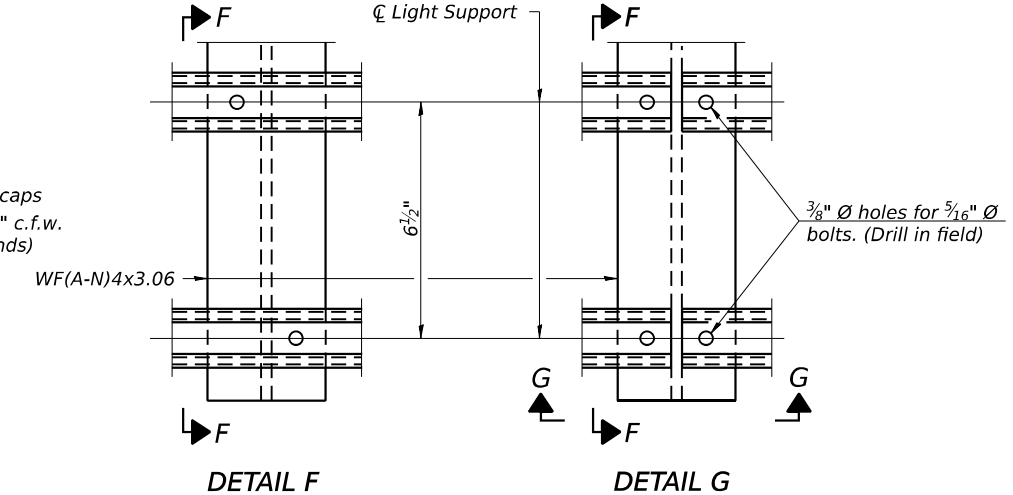
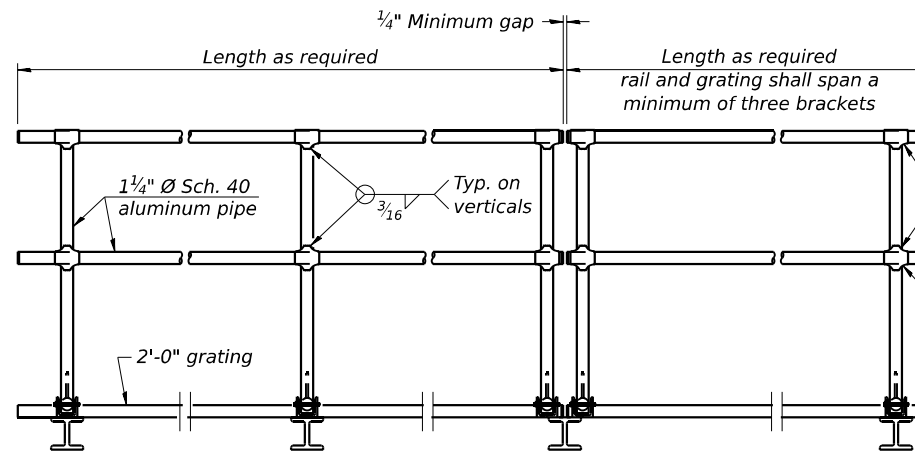
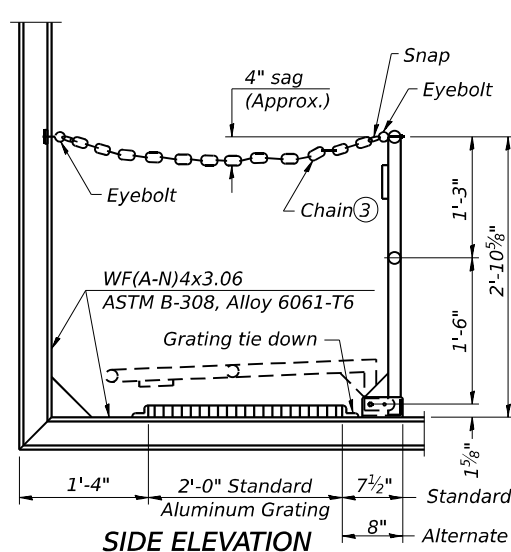
**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**CANTILEVER SIGN STRUCTURES - WALKWAY DETAILS  
ALUMINUM TRUSS & STEEL POST**

SCALE: SHEET 21 OF 24 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
I-80	FAI 80 22 BR	WILL	1201	483
CONTRACT NO. 62R89				
ILLINOIS FED. AID PROJECT				

MODEL: BL\_IP\_00 - Plan 7 (Sheet)  
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**SIDE ELEVATION**  
(Showing Safety Chain W/O Sign)

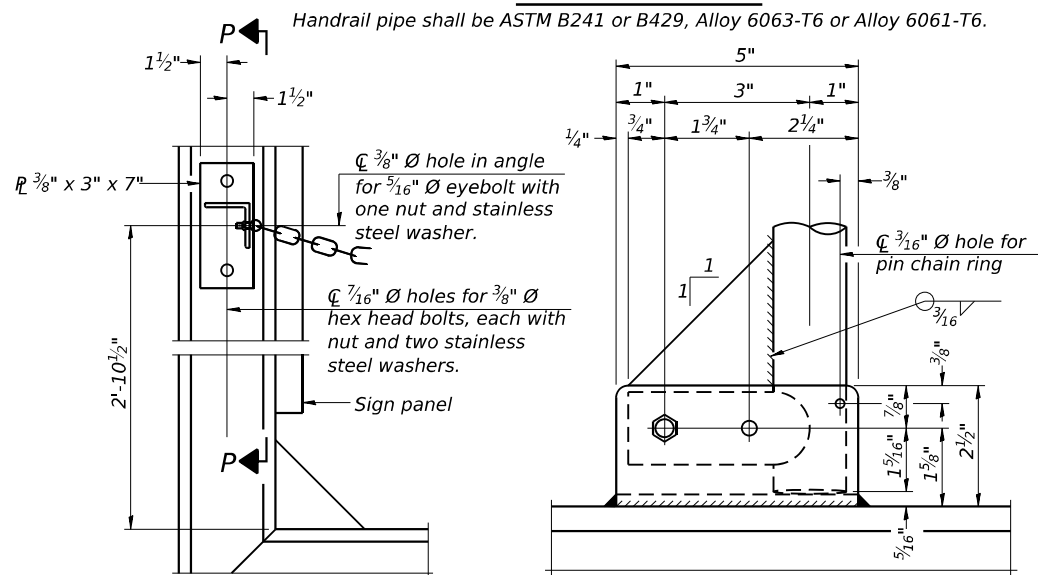
**FRONT ELEVATION**

**DETAIL F**

**DETAIL G**

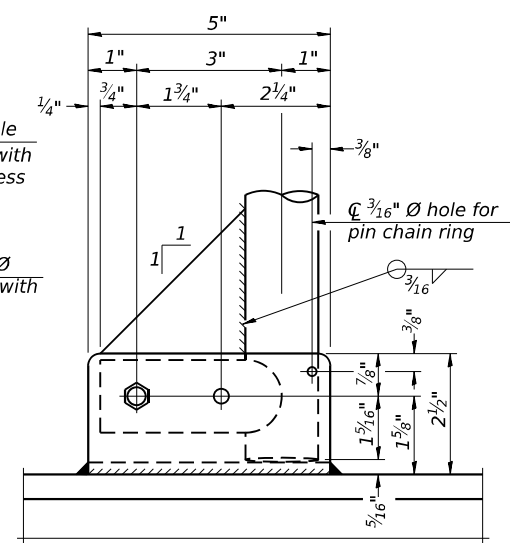
**HANDRAIL DETAILS**

Handrail pipe shall be ASTM B241 or B429, Alloy 6063-T6 or Alloy 6061-T6.



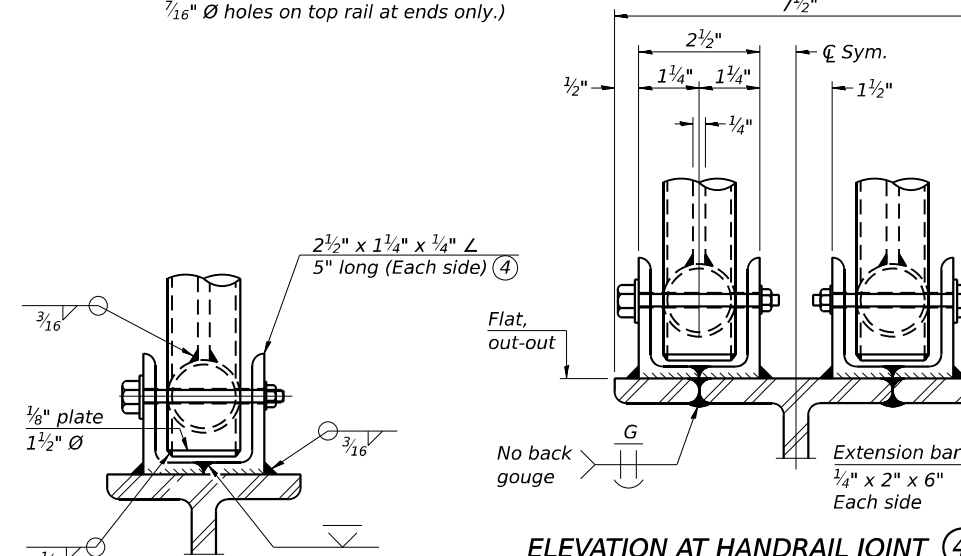
**ALTERNATE SAFETY CHAIN ATTACHMENT**  
(With Sign Present)

Items not shown same as "Side Elevation" of "Handrail Details"



**SIDE ELEVATION**

- ① Install standard force-fit end caps or weld 1/8" end plates with 1/8" c.f.w. and grind smooth. (All rail ends)
- ② Horizontal handrail member shall be continuous thru fitting. Provide 7/16" diameter hole in fitting for 3/8" diameter bolt. Field drill 7/16" diameter hole in horizontal rail member. Provide locknut and two stainless steel washers for bolt. (Use 5/16" diameter eyebolts in 7/16" diameter holes on top rail at ends only.)

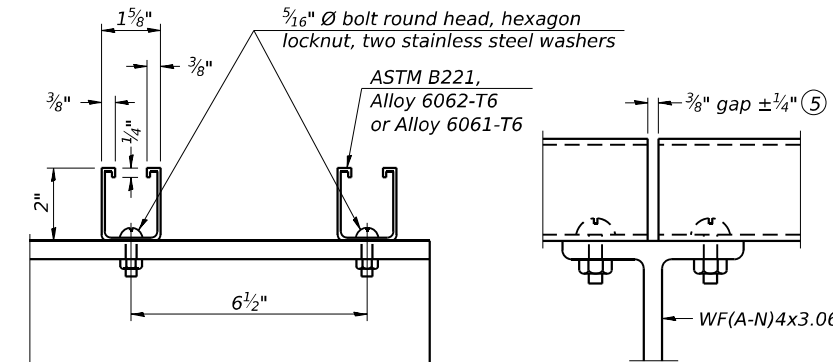


**FRONT ELEVATION**

Details not shown same as "ELEVATION" at right.

**ELEVATION AT HANDRAIL JOINT** ④

Details not shown same as "FRONT ELEVATION"

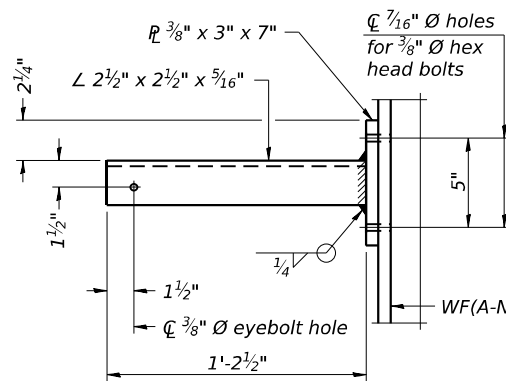


**SECTION F-F**

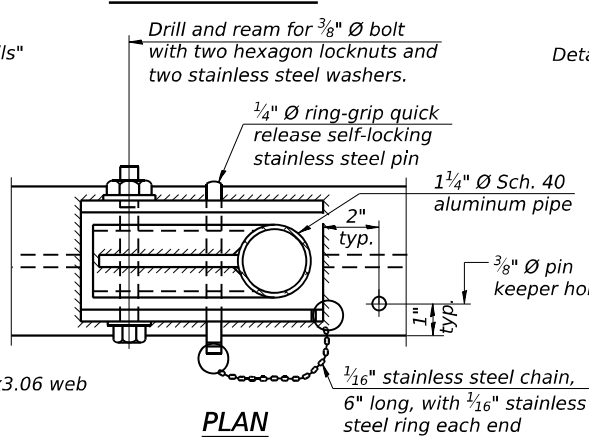
**SECTION G-G**

**LIGHTING FIXTURE MOUNTS (IF REQUIRED)**

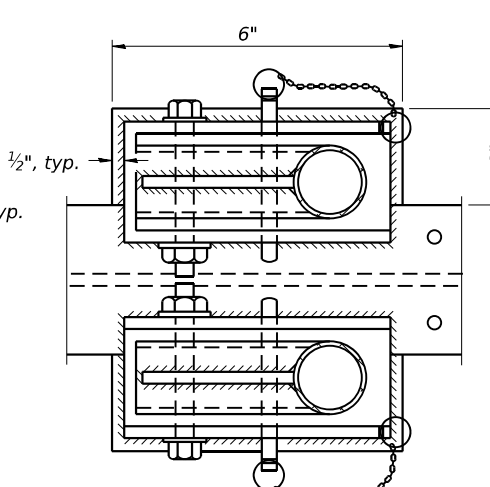
- ⑤ Field cut ends of light support channels shall be free of burrs or hazardous projections and coated with zinc-rich primer or equivalent.



**SECTION P-P**

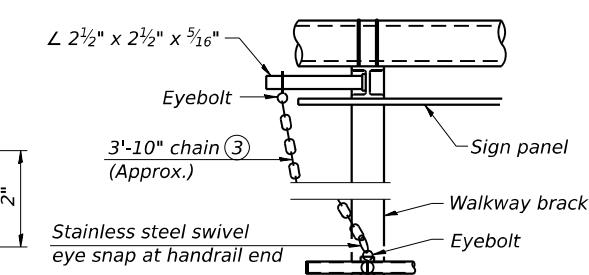


**DETAIL E HANDRAIL HINGE**



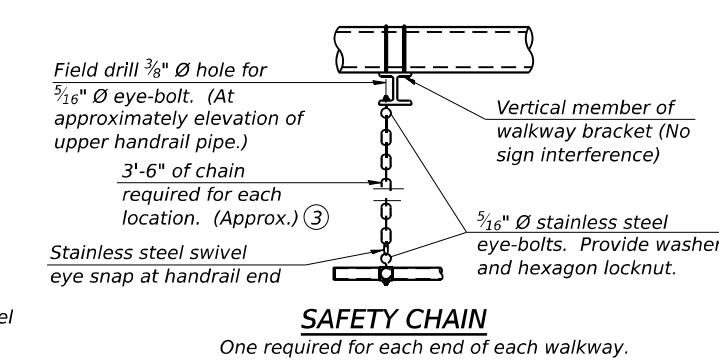
**PLAN AT HANDRAIL JOINT**

Details not shown same as "PLAN"



**ALTERNATE SAFETY CHAIN ATTACHMENT**  
Details not shown similar to "Safety Chain" Details (Walkway omitted for clarity)

- ③ 3/16" Type 304L stainless steel chain, approximately 12 links per foot.
- ④ Extrusions may be used in lieu of the details shown, with approval of the Engineer.



**SAFETY CHAIN**

One required for each end of each walkway.

MODEL: BL\_IP\_00 - Plan 0 (Sheet) FILE NAME: P:\Projects\2017\2017-02-22\TransSystems\CAD\62R89\Struct\Sign\_Structure\Cantilever\0262R89-SHT-SIGNS-STRUCT-DET-13

OSC-A-8 2-17-2017



USER NAME = amkluver	DESIGNED - AGJ	REVISED -
PLOT SCALE = 0.1666667 / in.	DRAWN - AGJ	REVISED -
PLOT DATE = 10/5/2023	CHECKED - JMG, MAI	REVISED -
	DATE - 10/6/23	REVISED -

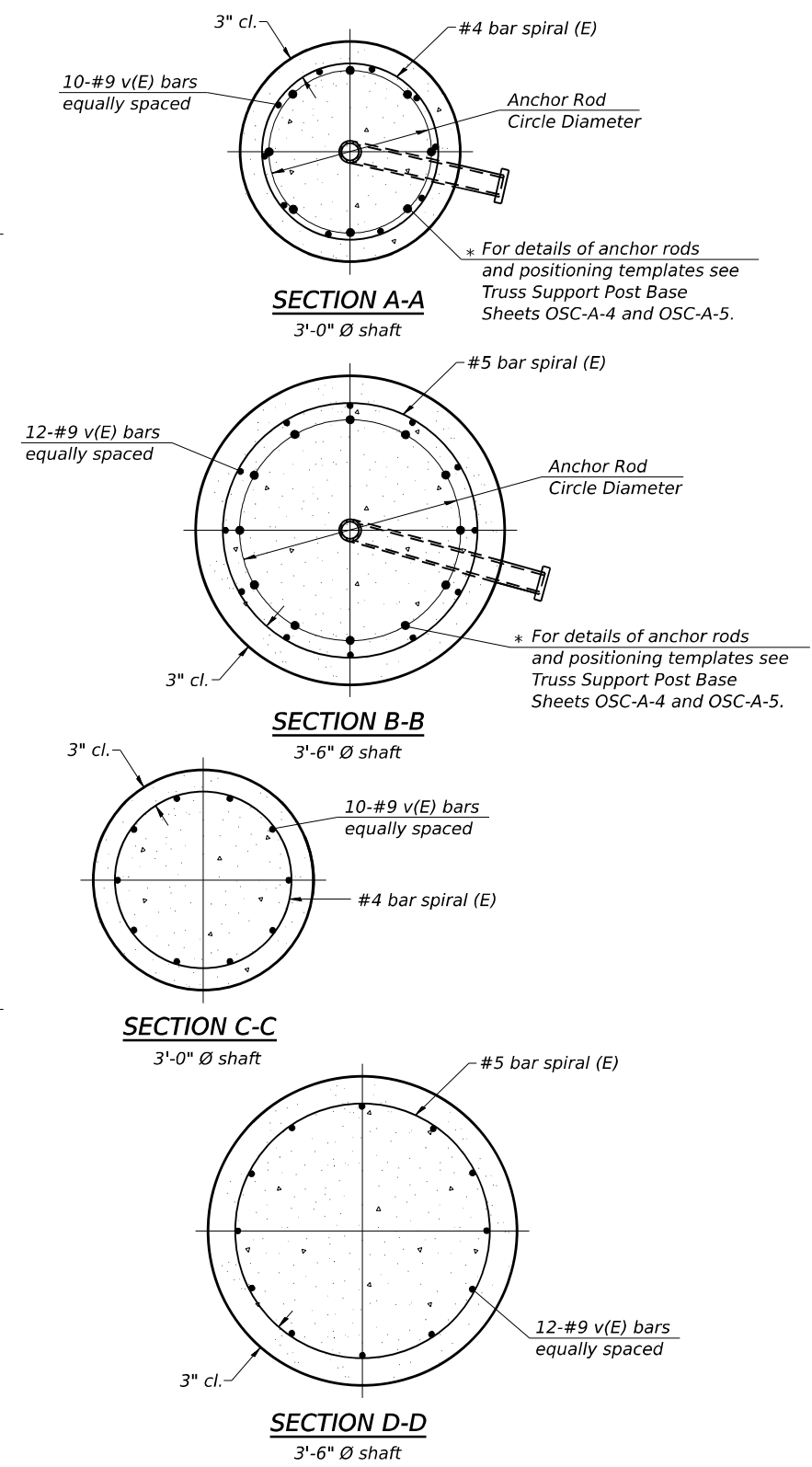
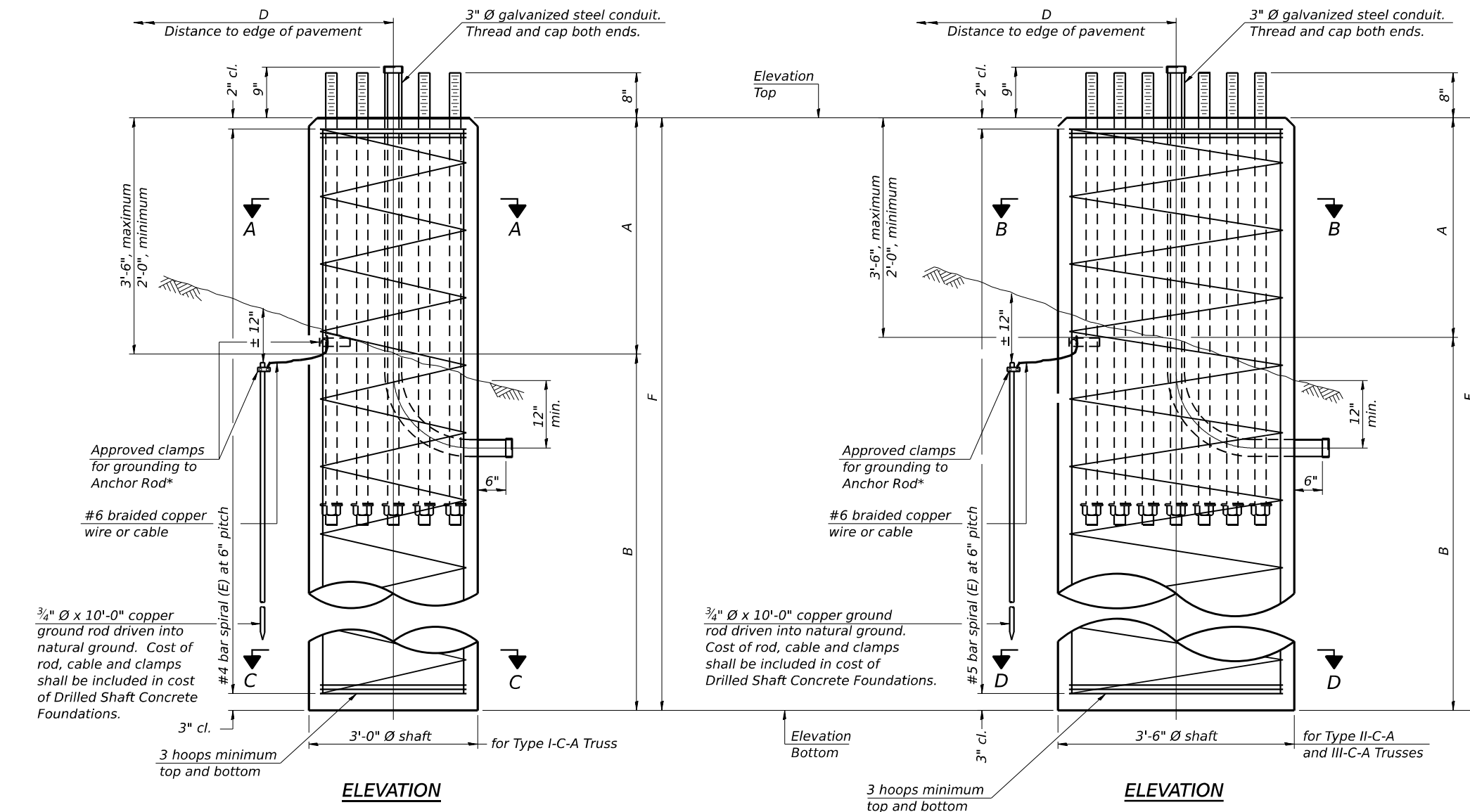
**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**CANTILEVER SIGN STRUCTURES - HANDRAIL DETAILS  
ALUMINUM TRUSS & STEEL POST**

SCALE: SHEET 22 OF 24 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
I-80	FAI 80 22 BR	WILL	1201	484
			CONTRACT NO. 62R89	
ILLINOIS FED. AID PROJECT				

\* Grind anchor rod to bright finish at ground clamp location before installing clamp.



**NOTES:**  
 The foundation dimensions shown in the Foundation Design Table are based on the presence of mostly cohesive soils with an average Unconfined Compressive Strength ( $Q_u$ ) of at least 1.25 tsf, which must be determined by previous soil investigations at the jobsite. When other conditions are indicated, the boring data will be included in the plans and the foundation dimensions shown in the Foundation Data Table will be the result of site specific designs.  
 If the conditions encountered are different than those indicated, the Contractor shall notify the Engineer to determine if the foundation dimensions need to be modified. If dimensions "B" or "F" are revised by more than 12" by the Contractor, "as-built" plans shall be prepared and submitted to the District Bureau of Operations for future reference.  
 No sonotubes or decomposable forms shall be used below the lower conduit entrance. Permanent metal forms or other shielding may not be left in place below that elevation without the Engineer's written permission.  
 Concrete shall be placed monolithically, without construction joints.  
 Backfill shall be placed per Article 502 of Standard Specification and prior to erection of support column.  
 A normal surface finish followed by a Concrete Sealer application will be required on concrete surfaces above the lowest elevation 6" below finished ground line. Cost included in "Drilled Shaft Concrete Foundation".

Truss Type	Post Base Sheet	Maximum Cantilever Length (ft)	Maximum Total Sign Area (sq ft)	Shaft Diameter (ft)	"B" Depth (ft)	Anchor Rods		Anchor Rod Circle Diameter (in)
						No.	Diameter (in)	
I-C-A	OSC-A-4	25	170	3.0	16.0	8	2	22
II-C-A	OSC-A-5	30	170	3.5	17.0	12	2	30
II-C-A	OSC-A-5	30	340	3.5	21.5	12	2	30
III-C-A	OSC-A-5	35	170	3.5	19.0	12	2	30
III-C-A	OSC-A-5	35	250	3.5	22.5	12	2	30
III-C-A	OSC-A-5	35	400	3.5	26.5	12	2	30
III-C-A	OSC-A-5	40	400	3.5	32.0	12	2	30

Structure Number	Station	Truss Type	Shaft Diameter	Elevation Top	Elevation Bottom	$Q_u$	A	B	F	Class DS Concrete Cubic Yards
1C099I080R130.0	557+06.03	III-C-A	3'-6"	627.86	602.42	-	2'-11 1/4"	22'-6"	25'-5 1/4"	9.5
1C099I080R131.1	617+00.00	III-C-A	3'-6"	642.29	607.68	-	2'-7 3/8"	32'-0"	34'-7 3/8"	12.5

MODEL: BL\_00\_Plan 9 (Sheet)  
 FILE NAME: P:\Projects\Illinois\Projects\2013\CH401\401180022\02-Trans\Items\CAD\022889\Struct\23-Struct\Sign\_Structure\Cantilever\022889-SHT-SIG-STRUCT-02-05-13.dwg  
 PROJECT: 2013 CH401 401180022 02-Trans\Items\CAD\022889\Struct\23-Struct\Sign\_Structure\Cantilever\022889-SHT-SIG-STRUCT-02-05-13.dwg  
 SHEET: 23 OF 24 SHEETS



USER NAME = amkluver	DESIGNED - AGJ	REVISED -
PLOT SCALE = 0.1666667 / in.	DRAWN - AGJ	REVISED -
PLOT DATE = 10/5/2023	CHECKED - JMG, MAI	REVISED -
	DATE - 10/6/23	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**CANTILEVER SIGN STRUCTURES - DRILLED SHAFT  
ALUMINUM TRUSS & STEEL POST**

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
I-80	FAI 80 22 BR	WILL	1201	485
CONTRACT NO. 62R89				
ILLINOIS FED. AID PROJECT				

SCALE: SHEET 23 OF 24 SHEETS STA. TO STA.



# BORING LOG OHS05-01

wangeng@wangeng.com  
1145 N. Main Street  
Lombard, IL 60148  
Telephone: 630-953-9928  
Fax: 630-953-9938

WEI Job No.: 7901-15-01

Client **TranSystems Corporation**  
Project **I-80 Reconstruction (Houbolt Rd to Center St)**  
Location **Will County, Illinois**

Datum: NAVD 88  
Elevation: 627.18 ft  
North: 1764289.22 ft  
East: 1038306.90 ft  
Station: 557+00.18  
Offset: 70.734 RT

Profile	Elevation (ft)	SOIL AND ROCK DESCRIPTION	Depth (ft)	Sample Type	Sample No.	SPT Values (blw/6 in)	Qu (tsf)	Moisture Content (%)	Profile	Elevation (ft)	SOIL AND ROCK DESCRIPTION	Depth (ft)	Sample Type	Sample No.	SPT Values (blw/6 in)	Qu (tsf)	Moisture Content (%)
	626.7	6-inch thick, Gravelly LOAM; wet --SHOULDER-- Hard, brown and gray SILTY CLAY LOAM, trace gravel --FILL-- --RDR 2--	0-5	1	3 7 8	5.25 B	16					0-5	9	2 4 7	2.05 B	23	
			5-10	2	3 5 7	4.92 B	15					5-10	10	2 4 7	1.89 B	22	
	621.7	Stiff to hard, brown to gray SILTY CLAY, trace gravel --RDR 2--	10-15	3	4 8 11	5.99 B	17					10-15	11	3 5 7	1.72 B	23	
			15-20	4	3 8 10	6.48 B	18					15-20	12	3 5 9	1.48 B	18	
			20-25	5	6 11 12	NR				596.7	Medium dense to dense, gray SILT to SILTY LOAM; wet to saturated --RDR 2--	25-30	13	14 22 15	NP	17	
			25-30	6	6 8 10	1.50 P	23					30-35	14	3 4 7	NP	22	
			30-35	7	2 4 7	1.89 B	23			592.2	Boring terminated at 35.00 ft	35-40	14	3 4 7	NP	22	
			35-40	8	3 3 6	1.97 B	23					40-45	8	4 5 10	2.79 B	20	

### GENERAL NOTES

Begin Drilling **02-27-2023** Complete Drilling **02-27-2023**  
 Drilling Contractor **Wang Testing Services** Drill Rig **21GeoA[96%]**  
 Driller **AG&EH** Logger **F. Bozga** Checked by **J. Bensen**  
 Drilling Method **2.25" IDA HSA; boring backfilled upon completion**

### WATER LEVEL DATA

While Drilling **30.50 ft**  
 At Completion of Drilling **33.50 ft**  
 Time After Drilling **NA**  
 Depth to Water **NA**

The stratification lines represent the approximate boundary between soil types; the actual transition may be gradual.



# BORING LOG OHS11-01

wangeng@wangeng.com  
1145 N. Main Street  
Lombard, IL 60148  
Telephone: 630-953-9928  
Fax: 630-953-9938

WEI Job No.: 7901-15-01

Client **TranSystems Corporation**  
Project **I-80 Reconstruction (Houbolt Rd to Center St)**  
Location **Will County, Illinois**

Datum: NAVD 88  
Elevation: 640.54 ft  
North: 1764621.43 ft  
East: 1044275.39 ft  
Station: 616+91.86  
Offset: 66.922 RT

Profile	Elevation (ft)	SOIL AND ROCK DESCRIPTION	Depth (ft)	Sample Type	Sample No.	SPT Values (blw/6 in)	Qu (tsf)	Moisture Content (%)	Profile	Elevation (ft)	SOIL AND ROCK DESCRIPTION	Depth (ft)	Sample Type	Sample No.	SPT Values (blw/6 in)	Qu (tsf)	Moisture Content (%)
	639.5	12-inch thick ASPHALT --PAVEMENT-- Stiff to very stiff, gray, green and brown SILTY CLAY, trace gravel; damp --FILL-- --RDR 2--	0-5	1	3 3 4	2.50 P	20					0-5	9	5 14 18	9.84 B	17	
			5-10	2	6 3 3	2.13 B	22					5-10	10	8 13 20	10.25 B	17	
			10-15	3	5 8 7	1.89 B	18					10-15	11	7 10 13	9.18 B	19	
	632.5	Stiff to hard, brown and gray SILTY CLAY to SILTY CLAY LOAM, trace gravel; damp to moist --RDR 2--	15-20	4	6 6 7	2.75 P	21					15-20	12	3 6 6	1.23 B	16	
			20-25	5	9 9 7	2.50 P	17					20-25	13	8 14 15	1.00 P	17	
			25-30	6	4 7 8	3.00 P	18					25-30	14	8 10 12	2.50 P	14	
			30-35	7	3 5 10	2.71 B	21					30-35	14	8 10 12	2.50 P	14	
			35-40	8	4 5 10	2.79 B	20			605.5	Boring terminated at 35.00 ft	40-45	8	4 5 10	2.79 B	20	

### GENERAL NOTES

Begin Drilling **04-12-2023** Complete Drilling **04-12-2023**  
 Drilling Contractor **Wang Testing Services** Drill Rig **21GeoA[96%]**  
 Driller **AG&EH** Logger **B. Miller** Checked by **J. Bensen**  
 Drilling Method **2.25" IDA HSA; boring backfilled upon completion**

### WATER LEVEL DATA

While Drilling **DRY**  
 At Completion of Drilling **DRY**  
 Time After Drilling **NA**  
 Depth to Water **NA**

The stratification lines represent the approximate boundary between soil types; the actual transition may be gradual.

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 PLOT DATE = 10/5/2023

DESIGNED - AGJ  
 DRAWN - AGJ  
 CHECKED - JMG, MAI  
 DATE - 10/6/23

REVISED -  
 REVISED -  
 REVISED -  
 REVISED -

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

CANTILEVER SIGN STRUCTURES  
SOIL BORINGS

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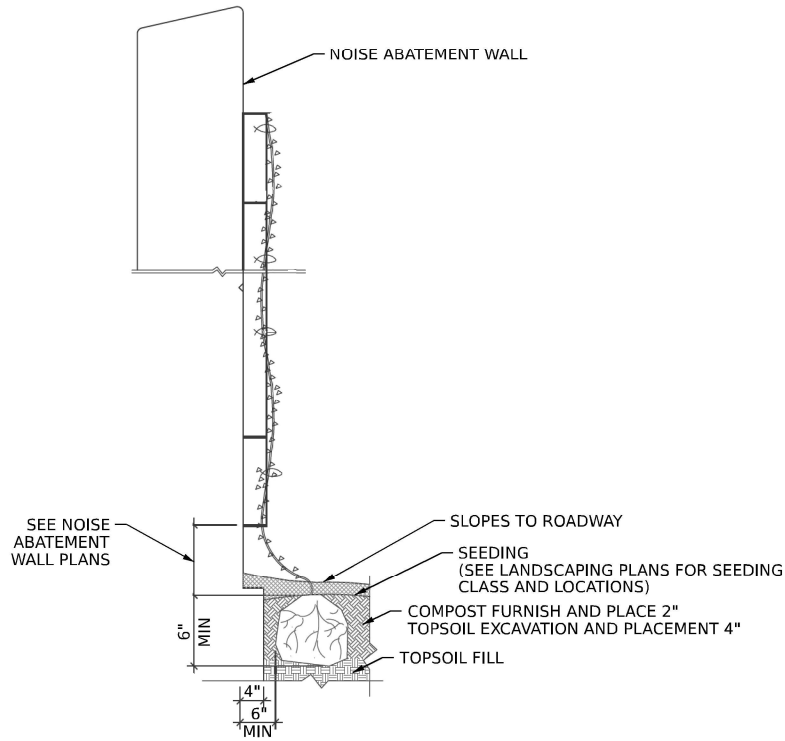
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
I-80	FAI 80 22 BR	WILL	1201	486
CONTRACT NO. 62R89				
ILLINOIS FED. AID PROJECT				

**LANDSCAPING SCHEDULE**

LOCATION	COMPOST FURNISH AND PLACE, 2"	SEEDING, CLASS 1B	SEEDING, CLASS 2A	SEEDING, CLASS 4	SEEDING, CLASS 4B	NITROGEN FERTILIZER NUTRIENT	POTASSIUM FERTILIZER NUTRIENT	EROSION CONTROL BLANKET	SUPPLEMENTAL WATERING	VINE-PARTHENOCISSUS QUINQUEFOLIA ENGEL MANNII (ENGELMANNII VIRGINIA CREEPER), 1-GALLON POT	COARSE SAND PLACEMENT, 2"	WEED CONTROL, BASAL TREATMENT	COARSE SAND PLACEMENT, 12"
	SQ YD	ACRE	ACRE	ACRE	ACRE	POUND	POUND	SQ YD	UNIT	EACH	SQ YD	GALLON	SQ YD
STATION 518+00 TO STATION 525+00	-	-	1.50	-	0.50	135	135	5,928	-	-	184	6	-
STATION 525+00 TO STATION 537+00	-	-	2.25	0.25	-	203	203	11,140	-	-	605	6	-
STATION 537+00 TO STATION 549+00	-	-	1.50	1.00	0.50	135	135	9,379	-	-	3,760	6	43
STATION 549+00 TO STATION 561+00	-	-	0.75	2.00	0.50	68	68	12,055	-	-	9,463	6	-
STATION 561+00 TO STATION 573+00	-	-	0.25	1.75	0.50	23	23	9,414	0.2	-	9,262	6	-
STATION 573+00 TO STATION 585+00	190	0.25	1.00	2.25	0.50	113	113	14,380	-	469	10,757	6	32
STATION 585+00 TO STATION 597+00	-	-	1.50	1.25	0.25	135	135	10,452	0.3	45	5,090	6	-
STATION 597+00 TO STATION 609+00	234	0.25	0.25	2.00	0.50	46	46	9,938	0.1	1,407	9,312	6	-
STATION 609+00 TO STATION 621+00	342	0.50	-	2.25	0.50	45	45	13,224	-	1,334	12,152	6	-
STATION 621+00 TO STATION 633+00	142	0.25	-	3.75	0.75	23	23	19,614	-	1,064	18,907	6	123
STATION 633+00 TO STATION 642+00	-	-	-	0.50	0.25	0	0	1,982	-	-	1,982	-	-
<b>TOTAL</b>	<b>908</b>	<b>1.25</b>	<b>9.00</b>	<b>17.00</b>	<b>4.75</b>	<b>926</b>	<b>926</b>	<b>117,506</b>	<b>0.6</b>	<b>4,319</b>	<b>81,474</b>	<b>56</b>	<b>198</b>

**LANDSCAPING NOTES:**

- VILLAGE WATER AND SEWER MAINS MAY BE LOCATED IN THE LANDSCAPE AREA. THE CONTRACTOR SHALL NOT BE ALLOWED TO PROCEED WITH ANY PLANTING WORK UNTIL ALL UTILITY OWNERS FIELD LOCATE THEIR FACILITIES WHICH MAY INTERFERE WITH CONSTRUCTION OPERATIONS. THE ACTUAL LOCATION OF PROPOSED LANDSCAPING WILL BE ADJUSTED IN THE FIELD TO AVOID UTILITIES.
- UNDERBRUSH OR DEBRIS AT PLANTING LOCATIONS SHALL BE REMOVED AND DISPOSED OF ACCORDING TO SECTION 201 OF THE STANDARD SPECIFICATIONS. THIS WORK WILL NOT BE PAID FOR SEPARATELY, BUT THE COSTS SHALL BE CONSIDERED AS INCLUDED IN THE CONTRACT UNIT PRICES FOR THE CONSTRUCTION ITEMS INVOLVED, AND NO ADDITIONAL COMPENSATION WILL BE ALLOWED.
- THE CONTRACTOR SHALL PROCURE ALL VINE PLANTINGS WITHIN 4 WEEKS OF AWARD OF CONTRACT TO ENSURE THAT THERE WILL BE ADEQUATE QUANTITIES AVAILABLE FOR PLANTING SEASON.
- VINES SHALL BE PLANTED ON BOTH SIDES OF THE NOISE ABATEMENT WALLS WHERE POSSIBLE.



**VINE DETAIL**

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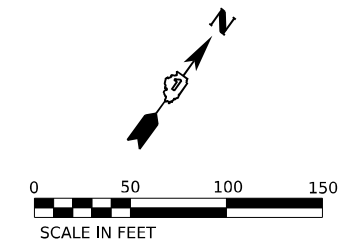
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**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

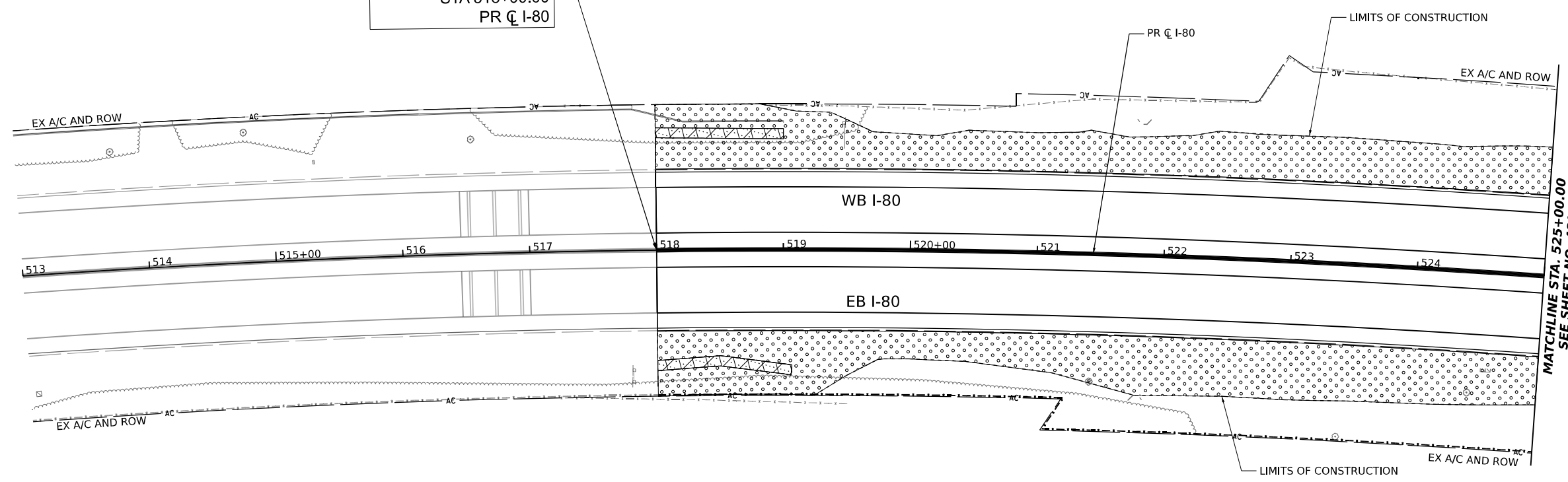
**LANDSCAPING PLANS  
NOTES, DETAILS, AND SCHEDULE**

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F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
I-80	FAI 80 22 BR	WILL	1201	487
CONTRACT NO. 62R89				
ILLINOIS   FED. AID PROJECT				



BEGIN PROJECT LIMIT  
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PR  $\phi$  I-80

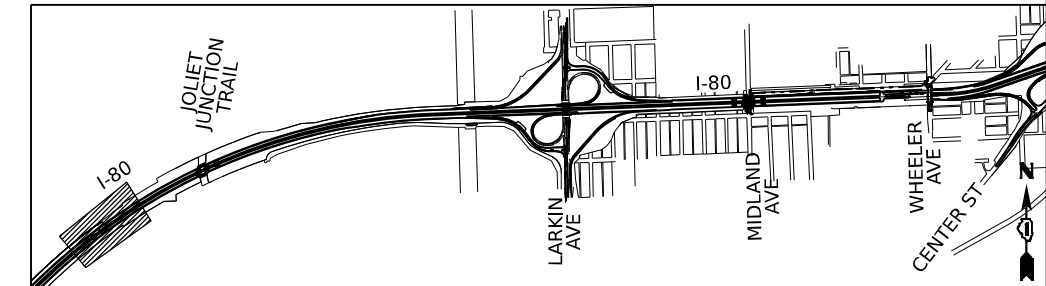


MATCHLINE STA. 525+00.00  
SEE SHEET NO. 489

**LANDSCAPING LEGEND**

- SEEDING, CLASS 1B, EROSION CONTROL BLANKET, TOPSOIL EXCAVATION AND PLACEMENT, 4", AND FERTILIZER NUTRIENTS
- SEEDING, CLASS 2A, EROSION CONTROL BLANKET, TOPSOIL EXCAVATION AND PLACEMENT (4") AND FERTILIZER NUTRIENTS
- SEEDING, CLASS 4, EROSION CONTROL BLANKET, AND COARSE SAND PLACEMENT, 2" TOPSOIL EXCAVATION AND PLACEMENT (4")
- SEEDING, CLASS 4B, EROSION CONTROL BLANKET, COARSE SAND PLACEMENT, 2" AND TOPSOIL EXCAVATION AND PLACEMENT (4")
- WETLAND  
SEEDING, CLASS 4B  
EROSION CONTROL BLANKET, AND COARSE SAND PLACEMENT, 12"

**KEY PLAN**



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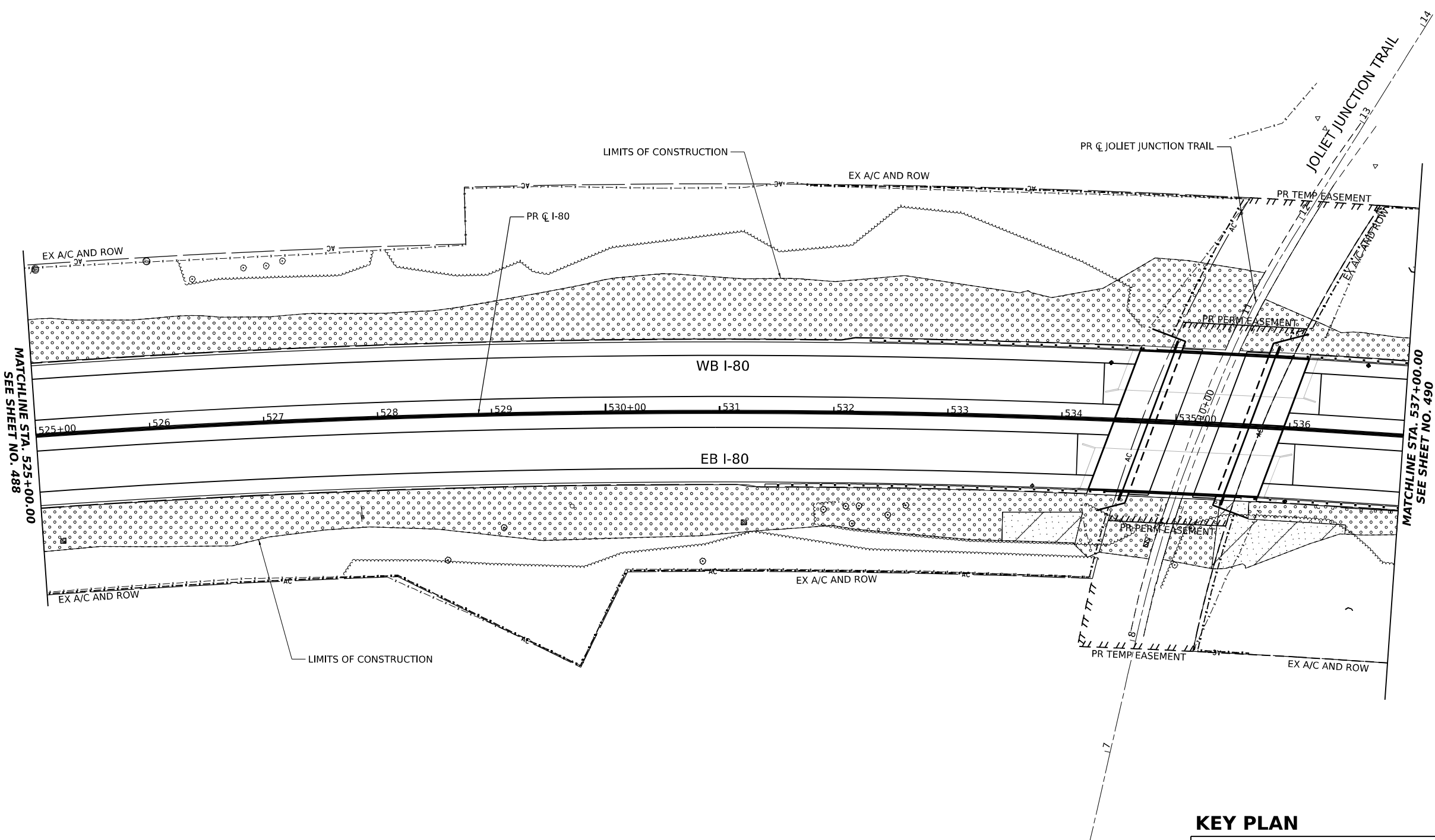
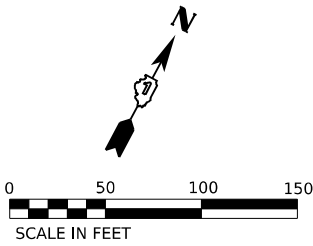
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**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**LANDSCAPING PLANS  
I-80**

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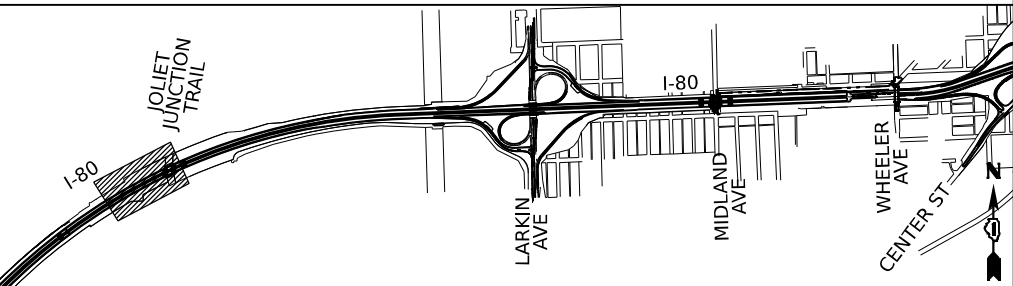
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I-80	FAI 80 22 BR	WILL	1201	488
CONTRACT NO. 62R89				
ILLINOIS   FED. AID PROJECT				



**LANDSCAPING LEGEND**

- SEEDING, CLASS 1B, EROSION CONTROL BLANKET, TOPSOIL EXCAVATION AND PLACEMENT, 4" AND FERTILIZER NUTRIENTS
- SEEDING, CLASS 2A, EROSION CONTROL BLANKET, TOPSOIL EXCAVATION AND PLACEMENT (4") AND FERTILIZER NUTRIENTS
- SEEDING, CLASS 4, EROSION CONTROL BLANKET, AND COARSE SAND PLACEMENT, 2" TOPSOIL EXCAVATION AND PLACEMENT (4")
- SEEDING, CLASS 4B, EROSION CONTROL BLANKET, COARSE SAND PLACEMENT, 2" AND TOPSOIL EXCAVATION AND PLACEMENT (4")
- WETLAND SEEDING, CLASS 4B EROSION CONTROL BLANKET, AND COARSE SAND PLACEMENT, 12"

**KEY PLAN**



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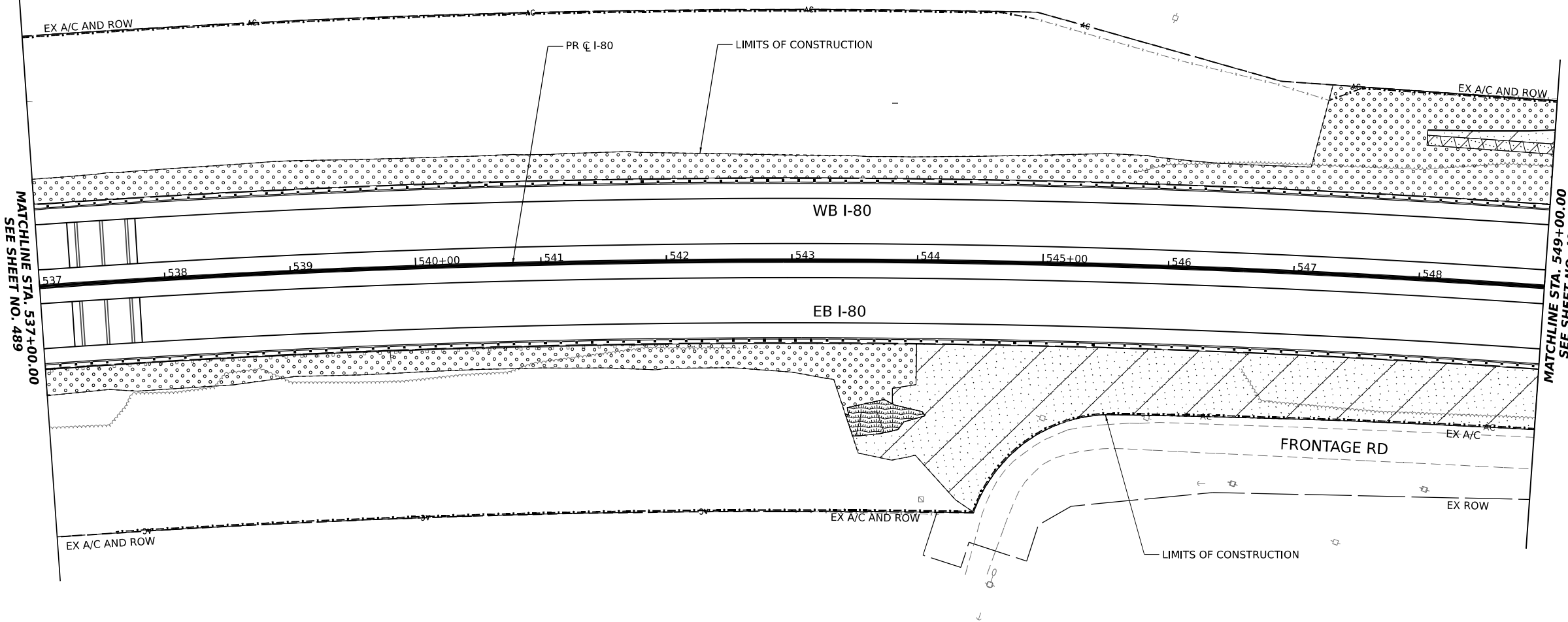
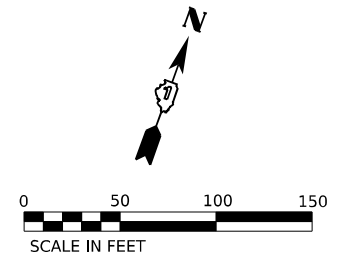


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**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

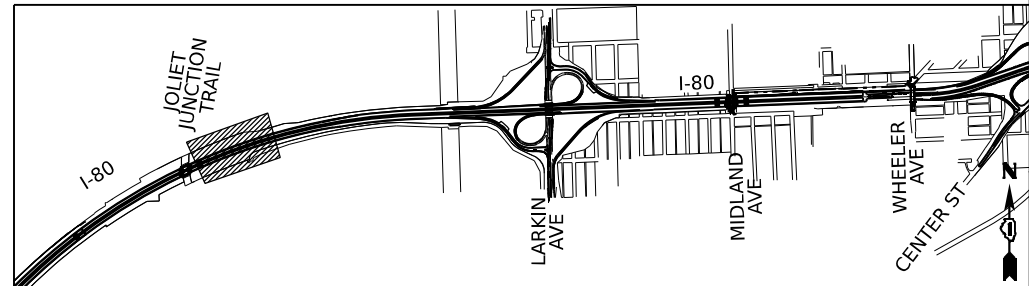
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I-80	FAI 80 22 BR	WILL	1201	489
CONTRACT NO. 62R89				
ILLINOIS FED. AID PROJECT				



- LANDSCAPING LEGEND**
- SEEDING, CLASS 1B, EROSION CONTROL BLANKET, TOPSOIL EXCAVATION AND PLACEMENT, 4", AND FERTILIZER NUTRIENTS
  - SEEDING, CLASS 2A, EROSION CONTROL BLANKET, TOPSOIL EXCAVATION AND PLACEMENT (4") AND FERTILIZER NUTRIENTS
  - SEEDING, CLASS 4, EROSION CONTROL BLANKET, AND COARSE SAND PLACEMENT, 2" TOPSOIL EXCAVATION AND PLACEMENT (4")
  - SEEDING, CLASS 4B, EROSION CONTROL BLANKET, COARSE SAND PLACEMENT, 2" AND TOPSOIL EXCAVATION AND PLACEMENT (4")
  - WETLAND SEEDING, CLASS 4B EROSION CONTROL BLANKET, AND COARSE SAND PLACEMENT, 12"

**KEY PLAN**



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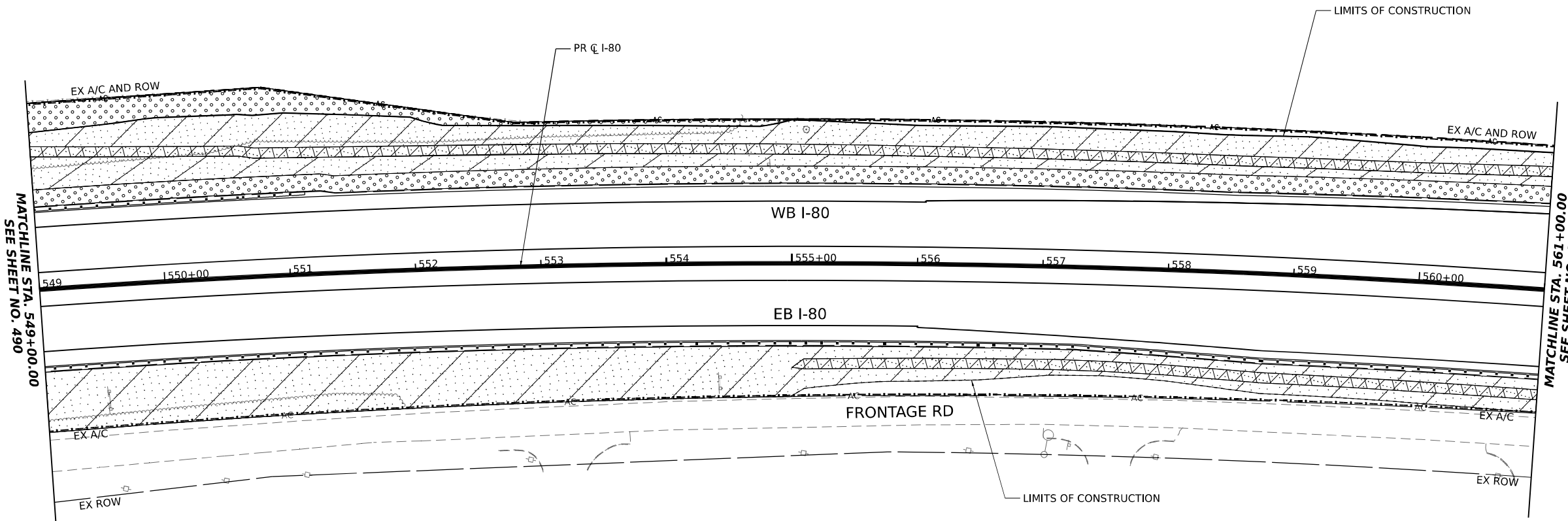
**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**LANDSCAPING PLANS  
I-80**

SCALE: 1"=50'    SHEET 3    OF 11    SHEETS    STA. 537+00.00    TO STA. 549+00.00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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CONTRACT NO. 62R89				
ILLINOIS   FED. AID PROJECT				

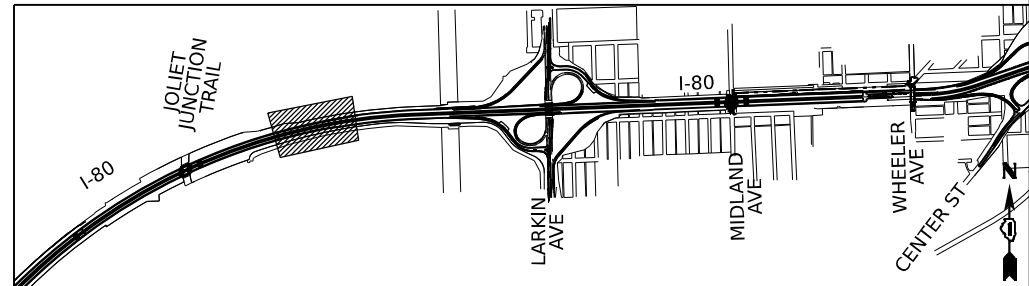




**LANDSCAPING LEGEND**

- SEEDING, CLASS 1B,  
 EROSION CONTROL BLANKET,  
 TOPSOIL EXCAVATION AND PLACEMENT, 4",  
 AND FERTILIZER NUTRIENTS
- SEEDING, CLASS 2A,  
 EROSION CONTROL BLANKET,  
 TOPSOIL EXCAVATION AND PLACEMENT (4")  
 AND FERTILIZER NUTRIENTS
- SEEDING, CLASS 4,  
 EROSION CONTROL BLANKET, AND  
 COARSE SAND PLACEMENT, 2"  
 TOPSOIL EXCAVATION AND PLACEMENT (4")
- SEEDING, CLASS 4B,  
 EROSION CONTROL BLANKET,  
 COARSE SAND PLACEMENT, 2" AND  
 TOPSOIL EXCAVATION AND PLACEMENT (4")
- WETLAND  
 SEEDING, CLASS 4B  
 EROSION CONTROL BLANKET, AND  
 COARSE SAND PLACEMENT, 12"

**KEY PLAN**



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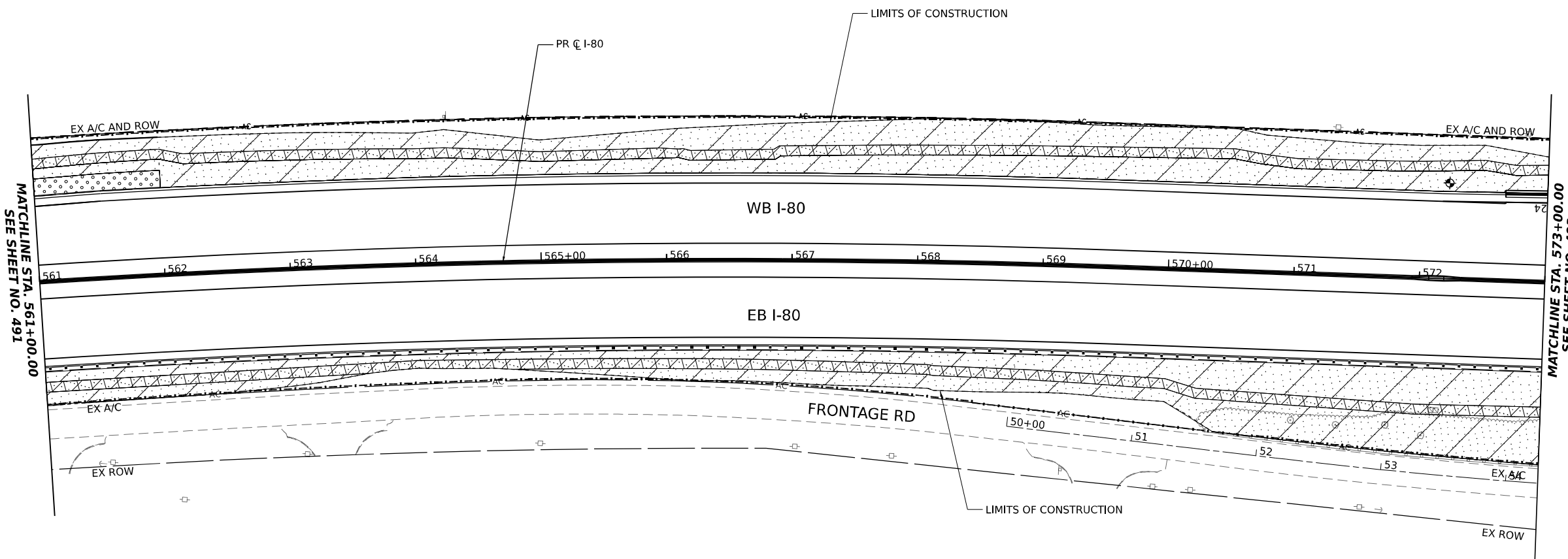
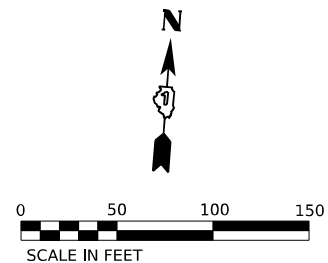
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**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**LANDSCAPING PLANS  
I-80**

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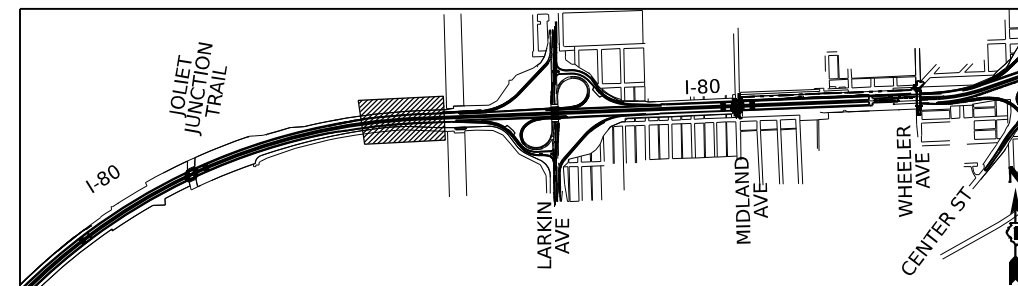
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I-80	FAI 80 22 BR	WILL	1201	491
CONTRACT NO. 62R89				
ILLINOIS FED. AID PROJECT				



**LANDSCAPING LEGEND**

- SEEDING, CLASS 1B, EROSION CONTROL BLANKET, TOPSOIL EXCAVATION AND PLACEMENT, 4", AND FERTILIZER NUTRIENTS
- SEEDING, CLASS 2A, EROSION CONTROL BLANKET, TOPSOIL EXCAVATION AND PLACEMENT (4") AND FERTILIZER NUTRIENTS
- SEEDING, CLASS 4, EROSION CONTROL BLANKET, AND COARSE SAND PLACEMENT, 2" TOPSOIL EXCAVATION AND PLACEMENT (4")
- SEEDING, CLASS 4B, EROSION CONTROL BLANKET, COARSE SAND PLACEMENT, 2" AND TOPSOIL EXCAVATION AND PLACEMENT (4")
- WETLAND SEEDING, CLASS 4B EROSION CONTROL BLANKET, AND COARSE SAND PLACEMENT, 12"

**KEY PLAN**



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**TRANSYSTEMS**

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**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**LANDSCAPING PLANS  
I-80**

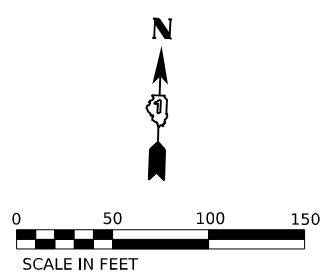
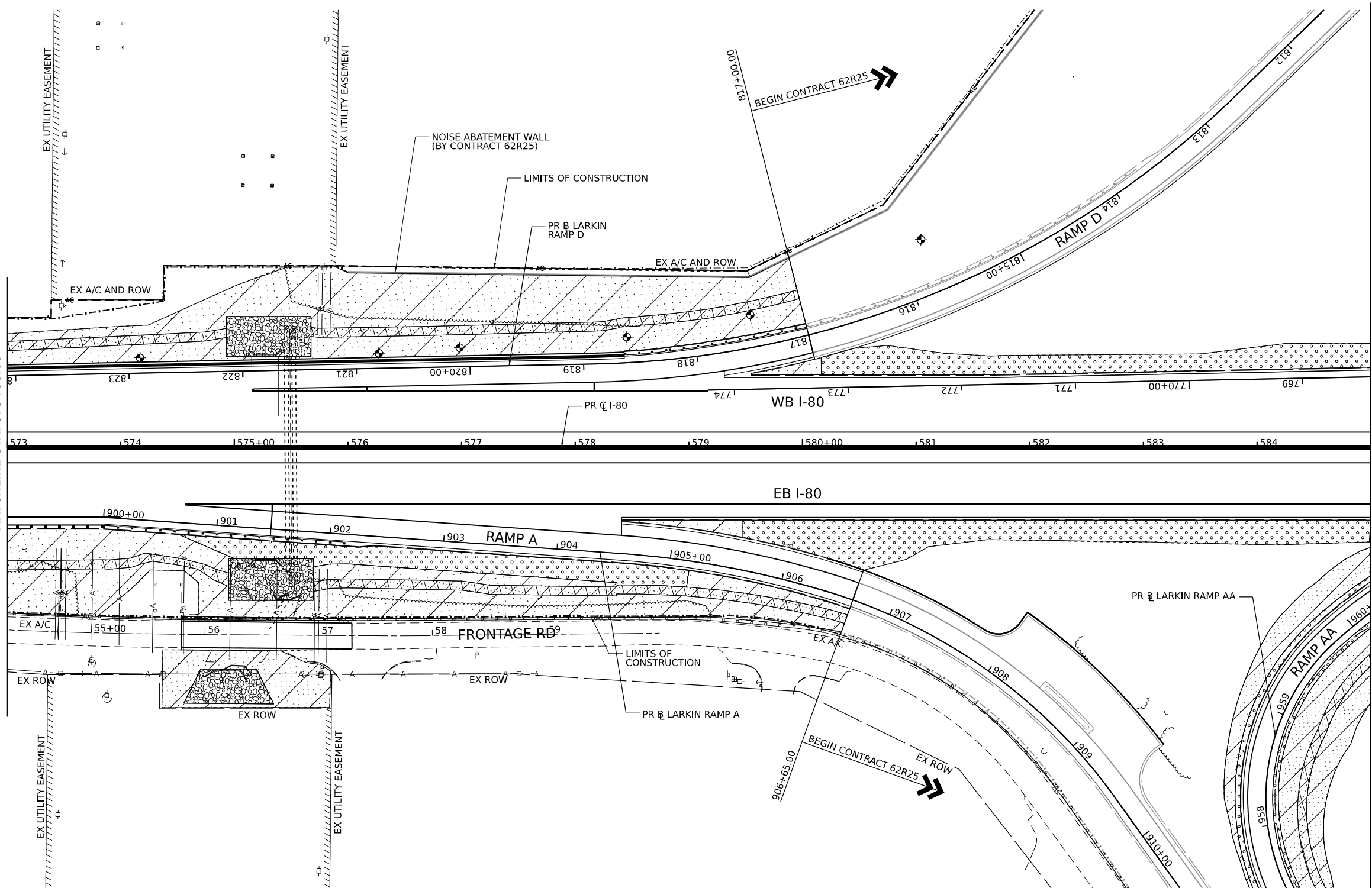
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ILLINOIS   FED. AID PROJECT				

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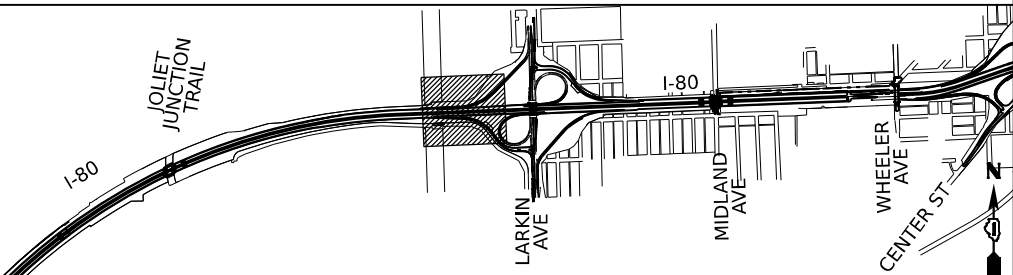
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**LANDSCAPING LEGEND**

- SEEDING, CLASS 1B, EROSION CONTROL BLANKET, TOPSOIL EXCAVATION AND PLACEMENT, 4", AND FERTILIZER NUTRIENTS
- SEEDING, CLASS 2A, EROSION CONTROL BLANKET, TOPSOIL EXCAVATION AND PLACEMENT (4") AND FERTILIZER NUTRIENTS
- SEEDING, CLASS 4, EROSION CONTROL BLANKET, AND COARSE SAND PLACEMENT, 2" TOPSOIL EXCAVATION AND PLACEMENT (4")
- SEEDING, CLASS 4B, EROSION CONTROL BLANKET, COARSE SAND PLACEMENT, 2" AND TOPSOIL EXCAVATION AND PLACEMENT (4")
- WETLAND  
SEEDING, CLASS 4B  
EROSION CONTROL BLANKET, AND COARSE SAND PLACEMENT, 12"

**KEY PLAN**



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PLOT DATE = 10/5/2023	CHECKED - JMG	REVISED -
	DATE - 10/6/23	REVISED -

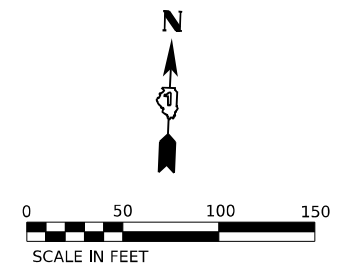
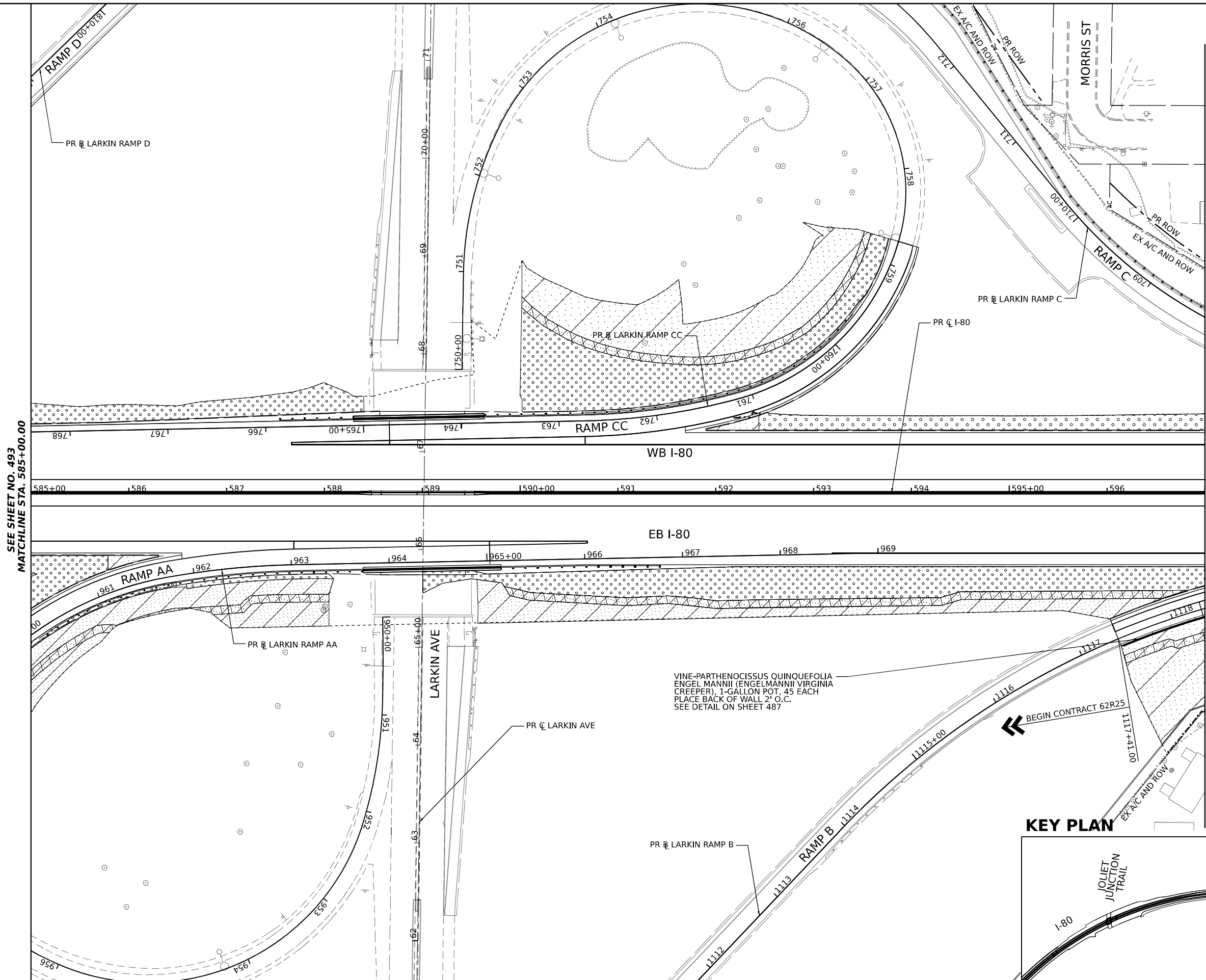
**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

**LANDSCAPING PLANS  
 I-80**

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F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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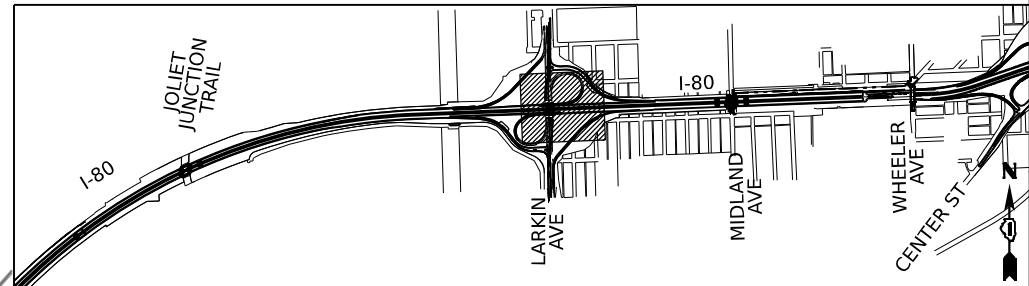
SEE SHEET NO. 493  
 MATCHLINE STA. 585+00.00

MATCHLINE STA. 597+00.00  
 SEE SHEET NO. 495

**LANDSCAPING LEGEND**

- SEEDING, CLASS 1B, EROSION CONTROL BLANKET, TOPSOIL EXCAVATION AND PLACEMENT, 4", AND FERTILIZER NUTRIENTS
- SEEDING, CLASS 2A, EROSION CONTROL BLANKET, TOPSOIL EXCAVATION AND PLACEMENT (4") AND FERTILIZER NUTRIENTS
- SEEDING, CLASS 4, EROSION CONTROL BLANKET, AND COARSE SAND PLACEMENT, 2" TOPSOIL EXCAVATION AND PLACEMENT (4")
- SEEDING, CLASS 4B, EROSION CONTROL BLANKET, COARSE SAND PLACEMENT, 2" AND TOPSOIL EXCAVATION AND PLACEMENT (4")
- WETLAND SEEDING, CLASS 4B EROSION CONTROL BLANKET, AND COARSE SAND PLACEMENT, 12"

**KEY PLAN**



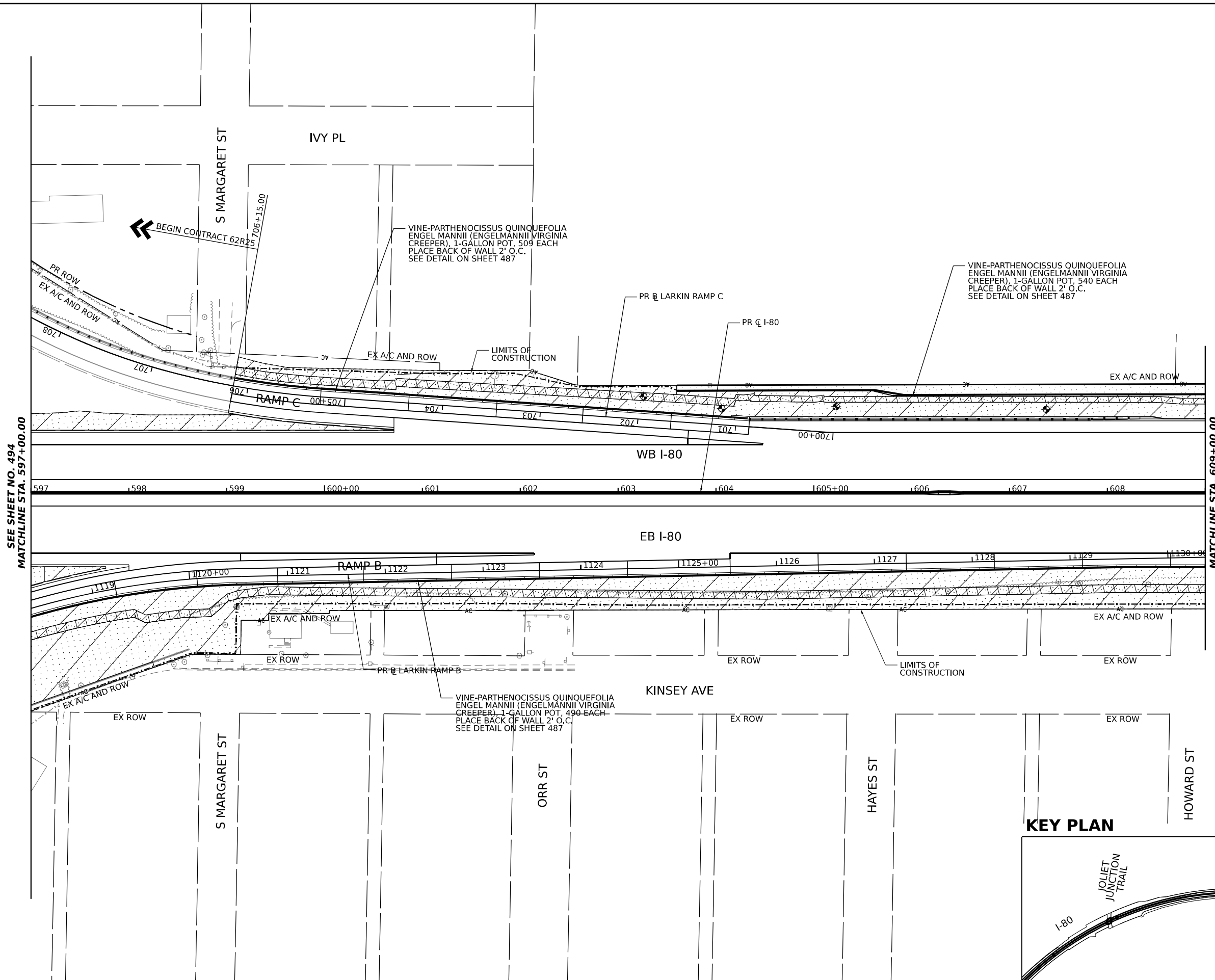
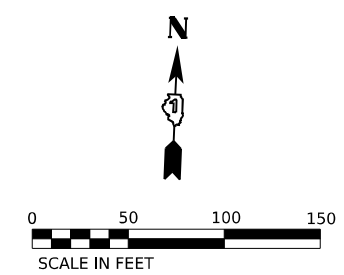
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**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

**LANDSCAPING PLANS**  
**I-80**  
 SCALE: 1"=50' SHEET 7 OF 11 SHEETS STA. 585+00.00 TO STA. 597+00.00

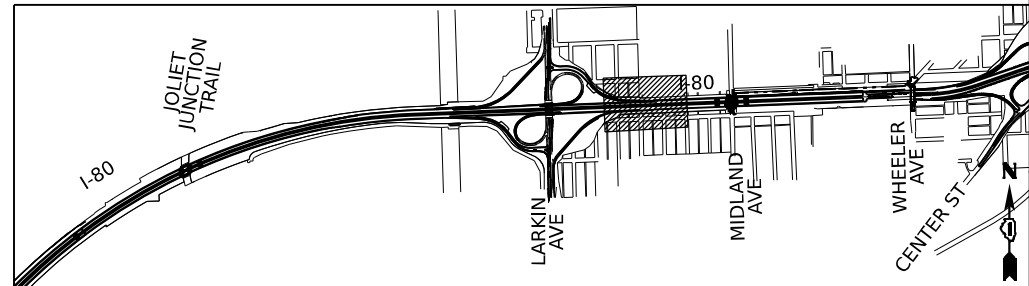
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I-80	FAI 80 22 BR	WILL	1201	494
CONTRACT NO. 62R89				
ILLINOIS FED. AID PROJECT				



**LANDSCAPING LEGEND**

- SEEDING, CLASS 1B,  
EROSION CONTROL BLANKET,  
TOPSOIL EXCAVATION AND PLACEMENT, 4",  
AND FERTILIZER NUTRIENTS
- SEEDING, CLASS 2A,  
EROSION CONTROL BLANKET,  
TOPSOIL EXCAVATION AND PLACEMENT (4")  
AND FERTILIZER NUTRIENTS
- SEEDING, CLASS 4,  
EROSION CONTROL BLANKET, AND  
COARSE SAND PLACEMENT, 2"  
TOPSOIL EXCAVATION AND PLACEMENT (4")
- SEEDING, CLASS 4B,  
EROSION CONTROL BLANKET,  
COARSE SAND PLACEMENT, 2" AND  
TOPSOIL EXCAVATION AND PLACEMENT (4")
- WETLAND  
SEEDING, CLASS 4B  
EROSION CONTROL BLANKET, AND  
COARSE SAND PLACEMENT, 12"

**KEY PLAN**



SEE SHEET NO. 494  
MATCHLINE STA. 597+00.00

MATCHLINE STA. 609+00.00  
SEE SHEET NO. 496



USER NAME = amkluver	DESIGNED - VLJ	REVISED -
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	DATE - 10/6/23	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**LANDSCAPING PLANS**  
**I-80**

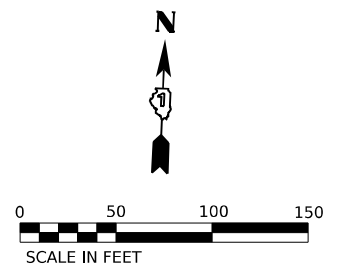
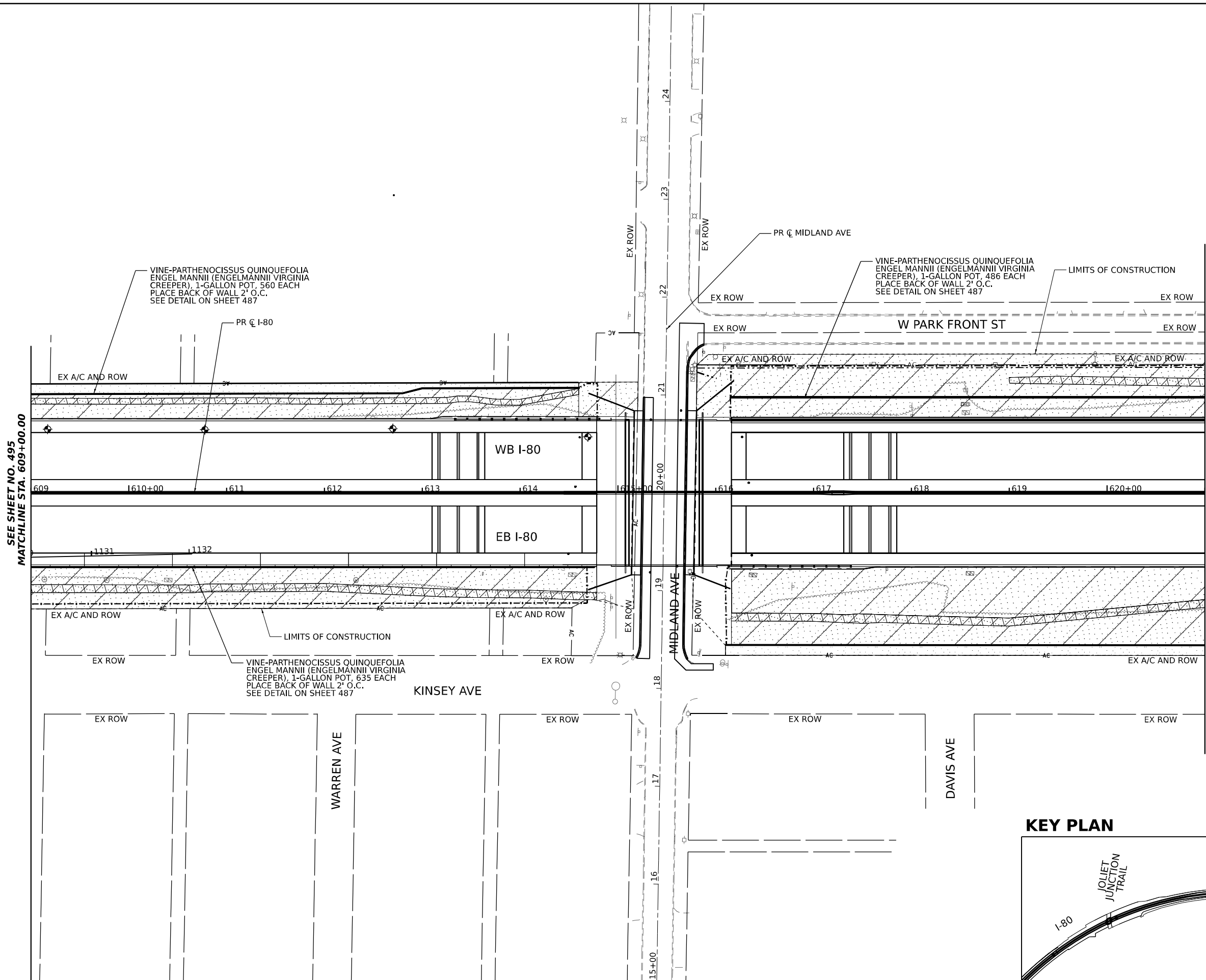
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SHEET 8 OF 11 SHEETS STA. 597+00.00 TO STA. 609+00.00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
I-80	FAI 80 22 BR	WILL	1201	495
CONTRACT NO. 62R89				
ILLINOIS FED. AID PROJECT				

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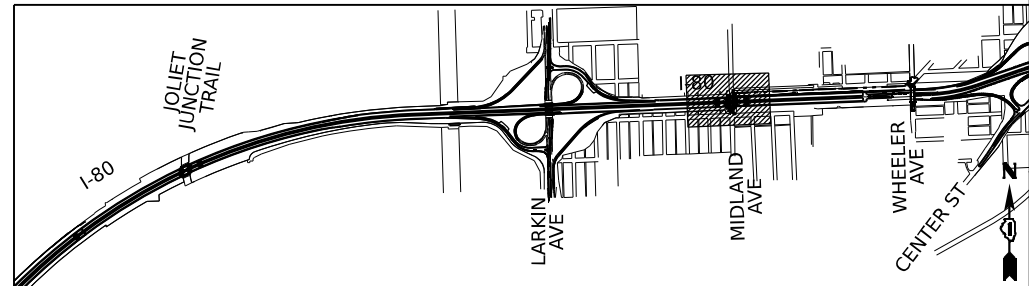
SEE SHEET NO. 495  
MATCHLINE STA. 609+00.00

MATCHLINE STA. 621+00.00  
SEE SHEET NO. 497

**LANDSCAPING LEGEND**

- SEEDING, CLASS 1B, EROSION CONTROL BLANKET, TOPSOIL EXCAVATION AND PLACEMENT, 4", AND FERTILIZER NUTRIENTS
- SEEDING, CLASS 2A, EROSION CONTROL BLANKET, TOPSOIL EXCAVATION AND PLACEMENT (4") AND FERTILIZER NUTRIENTS
- SEEDING, CLASS 4, EROSION CONTROL BLANKET, AND COARSE SAND PLACEMENT, 2" TOPSOIL EXCAVATION AND PLACEMENT (4")
- SEEDING, CLASS 4B, EROSION CONTROL BLANKET, COARSE SAND PLACEMENT, 2" AND TOPSOIL EXCAVATION AND PLACEMENT (4")
- WETLAND SEEDING, CLASS 4B EROSION CONTROL BLANKET, AND COARSE SAND PLACEMENT, 12"

**KEY PLAN**



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DESIGNED - VLJ	REVISED -
DRAWN - CEC	REVISED -
CHECKED - JMG	REVISED -
DATE - 10/6/23	REVISED -

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

<b>LANDSCAPING PLANS</b>			
<b>I-80</b>			
SCALE: 1"=50'	SHEET 9	OF 11 SHEETS	STA. 609+00.00 TO STA. 621+00.00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
I-80	FAI 80 22 BR	WILL	1201	496
CONTRACT NO. 62R89				
ILLINOIS FED. AID PROJECT				



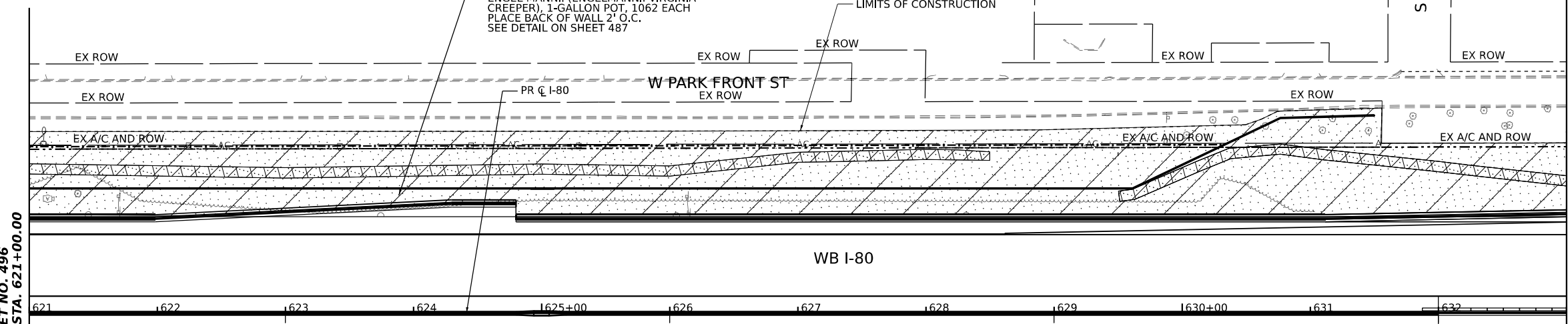
S REED ST

VINE-PARTHENOCISSUS QUINQUEFOLIA  
ENGEL MANNII (ENGELMANNII VIRGINIA  
CREEPER), 1-GALLON POT, 1062 EACH  
PLACE BACK OF WALL 2' O.C.  
SEE DETAIL ON SHEET 487

LIMITS OF CONSTRUCTION

W PARK FRONT ST  
EX ROW

PR @ I-80




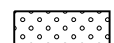
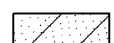

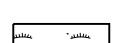
WB I-80

EB I-80

SEE SHEET NO. 496  
MATCHLINE STA. 621+00.00

MATCHLINE STA. 633+00.00  
SEE SHEET NO. 498

### LANDSCAPING LEGEND

-  SEEDING, CLASS 1B,  
EROSION CONTROL BLANKET,  
TOPSOIL EXCAVATION AND PLACEMENT, 4",  
AND FERTILIZER NUTRIENTS
-  SEEDING, CLASS 2A,  
EROSION CONTROL BLANKET,  
TOPSOIL EXCAVATION AND PLACEMENT (4")  
AND FERTILIZER NUTRIENTS
-  SEEDING, CLASS 4,  
EROSION CONTROL BLANKET, AND  
COARSE SAND PLACEMENT, 2"  
TOPSOIL EXCAVATION AND PLACEMENT (4")
-  SEEDING, CLASS 4B,  
EROSION CONTROL BLANKET,  
COARSE SAND PLACEMENT, 2" AND  
TOPSOIL EXCAVATION AND PLACEMENT (4")
-  WETLAND  
SEEDING, CLASS 4B  
EROSION CONTROL BLANKET, AND  
COARSE SAND PLACEMENT, 12"

KINSEY AVE

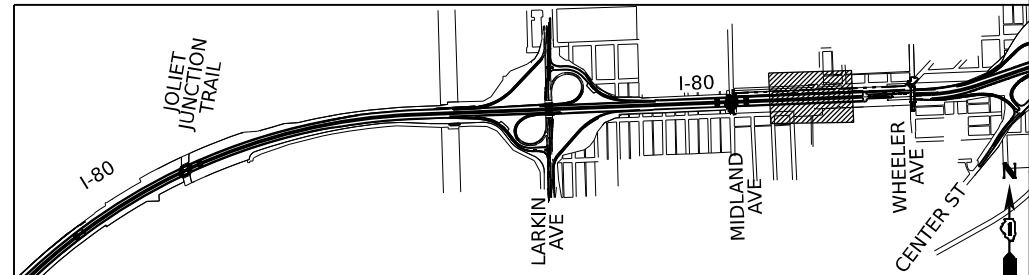
CENTRAL AVE

BETULA ST

EX ROW

LIMITS OF CONSTRUCTION

### KEY PLAN



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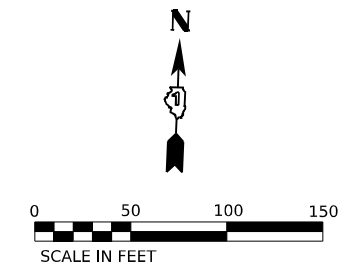
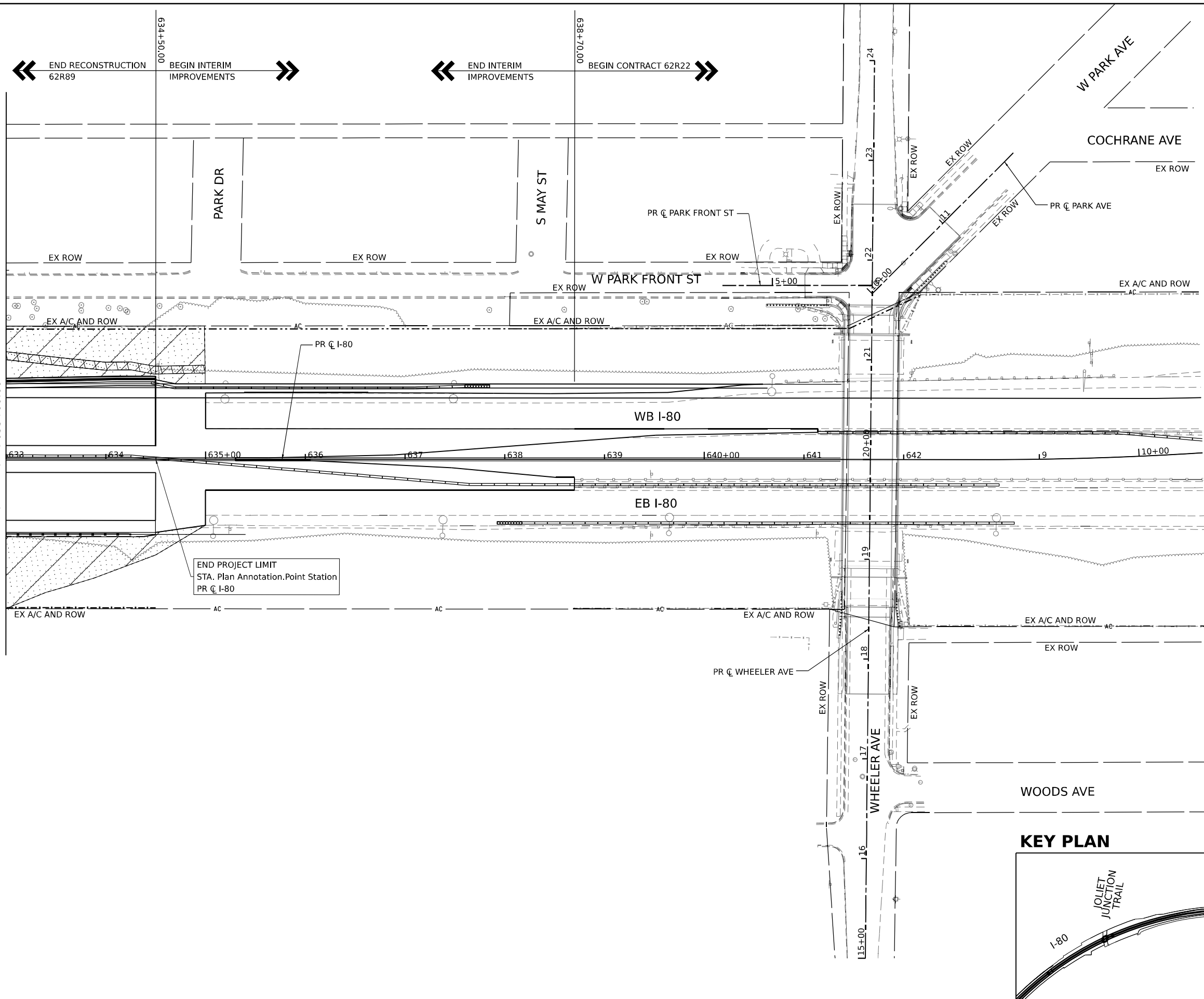
**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

<b>LANDSCAPING PLANS</b>	
<b>I-80</b>	
SCALE: 1"=50'	SHEET 10 OF 11 SHEETS
STA. 621+00.00	TO STA. 633+00.00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
I-80	FAI 80 22 BR	WILL	1201	497
CONTRACT NO. 62R89				
ILLINOIS FED. AID PROJECT				

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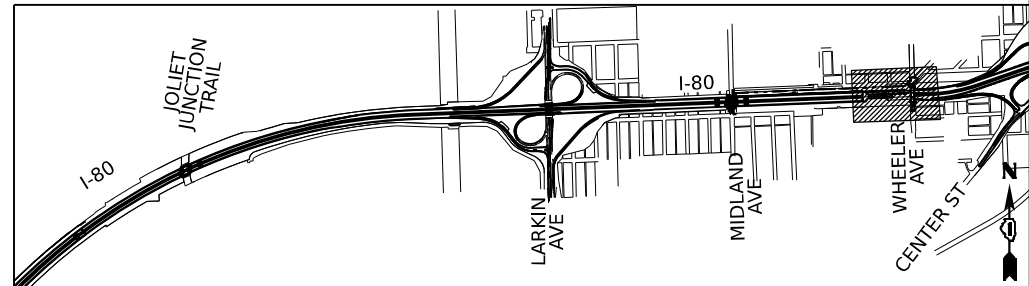
SEE SHEET NO. 497  
 MATCHLINE STA. 633+00.00



**LANDSCAPING LEGEND**

- SEEDING, CLASS 1B, EROSION CONTROL BLANKET, TOPSOIL EXCAVATION AND PLACEMENT, 4", AND FERTILIZER NUTRIENTS
- SEEDING, CLASS 2A, EROSION CONTROL BLANKET, TOPSOIL EXCAVATION AND PLACEMENT (4") AND FERTILIZER NUTRIENTS
- SEEDING, CLASS 4, EROSION CONTROL BLANKET, AND COARSE SAND PLACEMENT, 2" TOPSOIL EXCAVATION AND PLACEMENT (4")
- SEEDING, CLASS 4B, EROSION CONTROL BLANKET, COARSE SAND PLACEMENT, 2" AND TOPSOIL EXCAVATION AND PLACEMENT (4")
- WETLAND SEEDING, CLASS 4B, EROSION CONTROL BLANKET, AND COARSE SAND PLACEMENT, 12"

**KEY PLAN**



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PLOT SCALE = 0.16666633 1/ in.	CHECKED - JMG	REVISED -
PLOT DATE = 10/5/2023	DATE - 10/6/23	REVISED -

**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

**LANDSCAPING PLANS  
 I-80**  
 SCALE: 1"=50'  
 SHEET 11 OF 11 SHEETS  
 STA. 633+00.00 TO STA. 642+00.00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
I-80	FAI 80 22 BR	WILL	1201	498
CONTRACT NO. 62R89				
ILLINOIS FED. AID PROJECT				



## ELECTRICAL SYMBOLS FOR PROPOSED WORK

**LIGHTING UNIT: TYPE AS INDICATED**

47'-6" M.H., 15 FT. MAST ARM  
LED TYPE I LUMINAIRE  
GROUND MOUNTED WITH METAL  
OR CONCRETE FOUNDATION & T-BASE

47'-6" M.H., 6 FT. MAST ARM  
LED TYPE I LUMINAIRE  
MOUNTED ON PARAPET WALL

47'-6" M.H., 2-6 FT. MAST ARM  
2-LED TYPE I LUMINAIRE  
MOUNTED ON MEDIAN WALL

COMBINATION LIGHTING UNIT,  
45' M.H., 15 FT. MAST ARM,  
LED TYPE I LUMINAIRE

47'-6" M.H., 15 FT. MAST ARM  
LED TYPE H LUMINAIRE  
GROUND MOUNTED WITH METAL  
OR CONCRETE FOUNDATION & T-BASE

47'-6" M.H., 6 FT. MAST ARM  
LED TYPE H LUMINAIRE  
MOUNTED ON PARAPET WALL

47'-6" M.H., 2-6 FT. MAST ARM  
2-LED TYPE H LUMINAIRE  
MOUNTED ON MEDIAN WALL

COMBINATION LIGHTING UNIT,  
45' M.H., 15 FT. MAST ARM,  
LED TYPE H LUMINAIRE

T60: TEMPORARY LIGHTING UNIT, 60 FT. WOOD POLE,  
15 FT. MAST ARM, 47'-6" M.H., TEMPORARY LED LUMINAIRE  
OUTPUT I

T90: TEMPORARY LIGHTING UNIT, 90 FT. WOOD POLE,  
15 FT. MAST ARM, 75' M.H., TEMPORARY LED HIGHMAST  
LUMINAIRE OUTPUT I

UNDERPASS LED LUMINAIRE: SUSPENDED CEILING MOUNT,  
TYPE AS SHOWN ON PLANS

JUNCTION BOX: TYPE AND SIZE AS INDICATED  
ON PLANS

PULL BOX: TYPE AND SIZE AS INDICATED  
ON PLANS

SIGN STRUCTURE-CANTILEVER TYPE

SIGN STRUCTURE-TRUSS TYPE

SIGN STRUCTURE-BRIDGE MOUNT TYPE

CONTROLLER CABINET: LIGHTING  
DUPLEX TYPE WITH SCADA (DOOR SIDE AS  
INDICATED) - WITH FIBER OPTIC PROVISION

CONTROLLER: LIGHTING, SINGLE

TEMPORARY WOOD POLE, LENGTH AS  
INDICATED ON THE PLANS

ELECTRIC UTILITY POLE

POLE MOUNTED ELECTRIC UTILITY TRANSFORMER(S)

PAD MOUNTED ELECTRIC UTILITY TRANSFORMER

GROUND ROD

AERIAL CABLE

FLEXIBLE CONDUIT

RACEWAY EMBEDDED IN STRUCTURE, PVC SCH 40

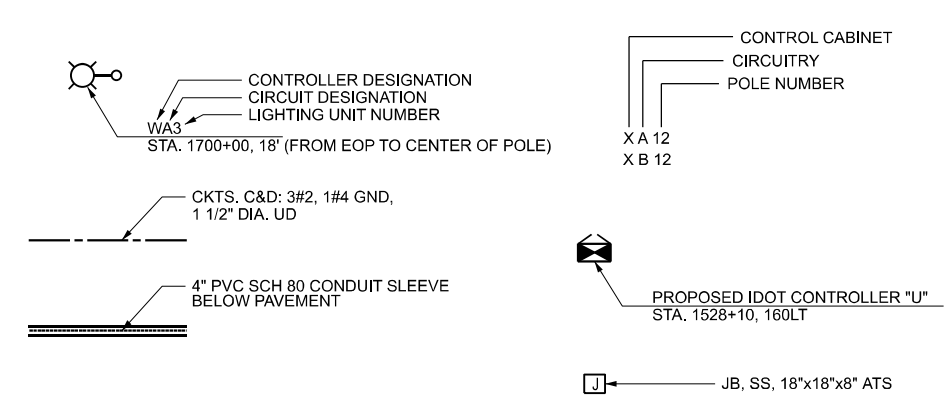
UNDERGROUND CONDUIT: TYPE AND SIZE  
AS INDICATED ON PLANS

EXPOSED CONDUIT, ATTACHED TO STRUCTURE

UNIT DUCT  
UNDERGROUND WITHOUT ENCASEMENT

RIGID PVC SCH 80 CONDUIT  
SLEEVE, INSTALLED BELOW PAVEMENT

## GENERAL ELECTRICAL CALLOUTS



## ELECTRICAL SYMBOLS FOR EXISTING CONDITIONS

EXISTING HIGH MAST LIGHT TOWER UNIT TO REMAIN,  
ARROWS INDICATE QUANTITY AND ORIENTATION OF  
LUMINAIRES

EXISTING IDOT LIGHTING UNIT, TWIN LUMINAIRE  
TO REMAIN

EXISTING IDOT LIGHTING UNIT TO REMAIN

EXISTING CITY OF JOLIET LIGHTING UNIT TO REMAIN

EXISTING UNDERPASS LUMINAIRE TO REMAIN

EXISTING ELECTRIC HANDHOLE

EXISTING DOUBLE HANDHOLE

EXISTING JUNCTION BOX

EXISTING CITY OF JOLIET ELECTRIC HANDHOLE/MANHOLE

EXISTING LIGHTED SIGN STRUCTURE-  
CANTILEVER TYPE

EXISTING LIGHTED SIGN STRUCTURE-TRUSS TYPE

EXISTING LIGHTED SIGN STRUCTURE-  
BRIDGE MOUNT TYPE

EXISTING LIGHTING CONTROLLER, DUPLEX

EXISTING ELECTRIC UTILITY POLE

EXISTING WOOD POLE

EXISTING UTILITY SERVICE CONNECTION,  
POLE MOUNTED

EXISTING UTILITY SERVICE CONNECTION,  
PAD MOUNTED

EXISTING CONCEALED CONDUIT IN STRUCTURE

EXISTING EXPOSED CONDUIT, ATTACHED TO STRUCTURE

EXISTING UNIT DUCT  
WITHOUT ENCASEMENT

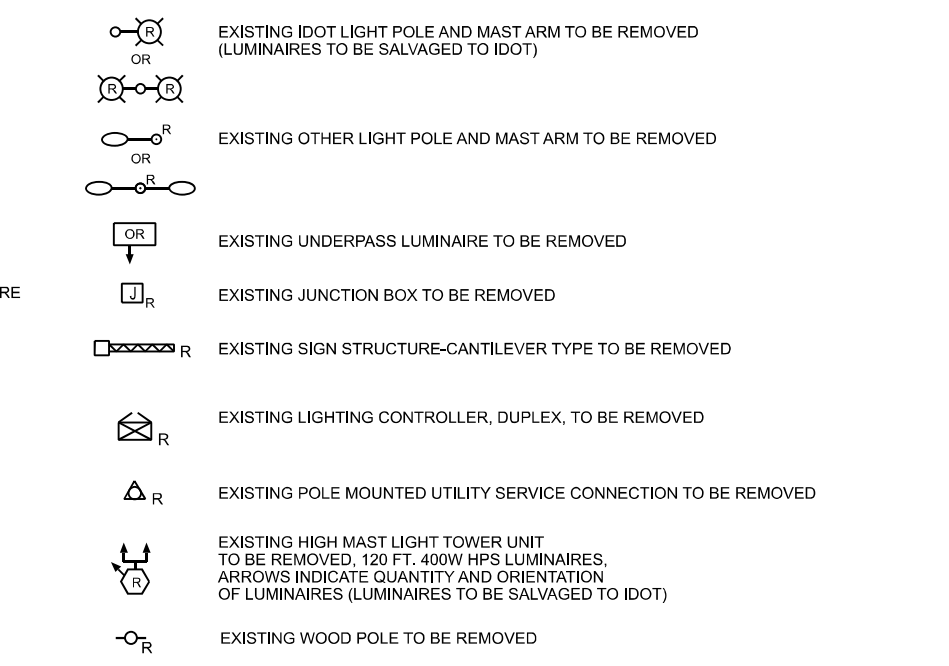
EXISTING CONCEALED CONDUIT UNDERGROUND,  
TRENCHED OR PUSHED

EXISTING ELECTRIC CABLE IN CONDUIT SLEEVE

EXISTING AERIAL CABLE TO REMAIN

EXISTING ELECTRICAL EQUIPMENT  
TO BE ABANDONED

## TYPICAL EXISTING TO BE REMOVED SYMBOLS



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**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

SCALE: N.T.S.		SHEET 1 OF 51 SHEETS		STA. TO STA.	
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### LIGHTING SYMBOLS

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
I-80	FAI 80 22 BR	WILL	1201	499
CONTRACT NO. 62R89				
ILLINOIS FED. AID PROJECT				

I-80 MAINLINE CONTRACT 62R89 LIGHTING BILL OF MATERIALS AND QUANTITIES

DESCRIPTION	UNIT	IDOT TOTAL QUANTITY LIGHTING	FPDWC TOTAL QUANTITY LIGHTING	MIDLAND AVE. TOTAL QUANTITY LIGHTING
<b>IDOT ELECTRICAL PAY ITEMS</b>				
ELECTRIC SERVICE INSTALLATION	EACH	1	1	
ELECTRIC UTILITY SERVICE CONNECTION	L SUM	0.5		
UNDERGROUND CONDUIT, GALVANIZED STEEL, 3" DIA.	FOOT	85		
UNDERGROUND CONDUIT, PVC, 2" DIA.	FOOT		1130	
UNDERGROUND CONDUIT, PVC, 4" DIA.	FOOT	1430		
CONDUIT ATTACHED TO STRUCTURE, 1" DIA., PVC COATED GALVANIZED STEEL	FOOT	565	165	400
CONDUIT ATTACHED TO STRUCTURE, 2 1/2" DIA., PVC COATED GALVANIZED STEEL	FOOT	30		
CONDUIT ATTACHED TO STRUCTURE, 3" DIA., PVC COATED GALVANIZED STEEL	FOOT		20	30
CONDUIT EMBEDDED IN STRUCTURE, 2" DIA., PVC	FOOT	2470		
CONDUIT EMBEDDED IN STRUCTURE, 2 1/2" DIA., PVC	FOOT	30		
CONDUIT EMBEDDED IN STRUCTURE, 4" DIA., PVC	FOOT	10785		
JUNCTION BOX, STAINLESS STEEL, ATTACHED TO STRUCTURE, 6" X 6" X 4"	EACH	12	3	6
JUNCTION BOX, STAINLESS STEEL, ATTACHED TO STRUCTURE, 12" X 10" X 6"	EACH	3	3	6
JUNCTION BOX, STAINLESS STEEL, ATTACHED TO STRUCTURE, 18" X 18" X 8"	EACH	3	1	2
UNIT DUCT, 600V, 2-1C NO.4, 1/C NO.6 GROUND, (XLP-TYPE USE), 1 1/4" DIA. POLYETHYLENE	FOOT			205
UNIT DUCT, 600V, 3-1C NO.2, 1/C NO.4 GROUND, (XLP-TYPE USE), 1 1/2" DIA. POLYETHYLENE	FOOT	1615		
UNIT DUCT, 600V, 3-1C NO.4, 1/C NO.6 GROUND, (XLP-TYPE USE), 1 1/4" DIA. POLYETHYLENE	FOOT	9095		
ELECTRIC CABLE IN CONDUIT, 600V (XLP-TYPE USE) 1/C NO. 10	FOOT	2635	910	790
ELECTRIC CABLE IN CONDUIT, 600V (XLP-TYPE USE) 1/C NO. 6	FOOT	4815		
ELECTRIC CABLE IN CONDUIT, 600V (XLP-TYPE USE) 1/C NO. 4	FOOT	22475	1130	
ELECTRIC CABLE IN CONDUIT, 600V (XLP-TYPE USE) 1/C NO. 2	FOOT	24135	3390	
ELECTRIC CABLE IN CONDUIT, 600V (XLP-TYPE USE) 1/C 350MCM	FOOT	300		
AERIAL CABLE, 3-1/C NO. 2 WITH MESSENGER WIRE	FOOT	16800		
LUMINAIRE, LED, ROADWAY, OUTPUT DESIGNATION I	EACH	118		
LUMINAIRE, LED, UNDERPASS, SUSPENDED, OUTPUT DESIGNATION D	EACH	12	3	6
LIGHTING CONTROLLER, WALL MOUNTED, 240VOLT, 100AMP	EACH		1	
LIGHT POLE, ALUMINUM, 47.5 FT. M.H., 15 FT. MAST ARM	EACH	28		
LIGHT POLE, ALUMINUM, 47.5 FT. M.H., 2-6 FT. MAST ARMS	EACH	45		
LIGHT POLE FOUNDATION, 24" DIAMETER	FOOT	147		
BREAKAWAY DEVICE, TRANSFORMER BASE, 15 INCH BOLT CIRCLE	EACH	19		
REMOVAL OF TEMPORARY LIGHTING UNIT	EACH	57		
REMOVAL OF LIGHTING UNIT, SALVAGE	EACH	79		
REMOVAL OF LIGHTING UNIT, NO SALVAGE	EACH	16		
REMOVAL OF POLE FOUNDATION	EACH	79		
REMOVAL OF ELECTRIC SERVICE INSTALLATION	EACH	1		
REMOVAL OF LIGHTING CONTROLLER FOUNDATION	EACH	1		
REMOVE TEMPORARY WOOD POLE	EACH	3		
REPLACE EXISTING DECAL WITH NEW LUMINAIRE NUMBERING DECAL	EACH	4		
REMOVE EXISTING CABLE	FOOT	255		
TEMPORARY WOOD POLE, 60 FT., CLASS 4, 15 FT. MAST ARM	EACH	3		
TEMPORARY WOOD POLE, 60 FT., CLASS 4	EACH	5		
REMOVAL OF HIGH MAST LUMINAIRES, SALVAGE	EACH	54		
REMOVAL OF LUMINAIRE, SALVAGE	EACH	3		
LIGHTING CONTROLLER, BASE MOUNTED, 480VOLT, 200AMP (DUAL), RADIO SCADA, FIBER OPTIC	EACH	1		
DRILL EXISTING JUNCTION BOX	EACH	2		
TEMPORARY LUMINAIRE, LED, ROADWAY, OUTPUT DESIGNATION I	EACH	3		
TEMPORARY LUMINAIRE, LED, HIGHMAST, OUTPUT DESIGNATION I	EACH	62		
LIGHT POLE FOUNDATION, INTEGRAL WITH BARRIER WALL	EACH	45		
LIGHT POLE FOUNDATION, INTEGRAL WITH BARRIER WALL, 24" DIAMETER	FOOT	315		
REMOVE EXISTING LIGHTING CONTROLLER AND SALVAGE	EACH	1		
LUMINAIRE SAFETY CABLE ASSEMBLY	EACH	118		
MAINTENANCE OF LIGHTING SYSTEM	CAL MO	35		
JUNCTION BOX, NON-METALLIC, EMBEDDED IN STRUCTURE, 20" X 13" X 12"	EACH	3		
TEMPORARY WOOD POLE 90 FT., CLASS 2, 15 FT. MAST ARM	EACH	62		

ABBREVIATIONS	
SYMBOL	DESCRIPTION
AC	ALTERNATING CURRENT
A/C	AERIAL CABLE
AFG	ABOVE FINISHED GRADE
CB	CIRCUIT BREAKER
CKT	CIRCUIT
CM	CENTIMETER
CNC	COILABLE NONMETALLIC CONDUIT
CT	CURRENT TRANSFORMER
CP	CONTROL PANEL
DA	DAVIT ARM
DC	DIRECT CURRENT
DIA	DIAMETER
DP	DISTRIBUTION PANEL
E	EXISTING UNIT TO REMAIN
ECA	ELECTRIC CABLE ASSEMBLY
EM	EXISTING UNIT TO BE MODIFIED (e.g. NEW LUMINAIRE, BALLAST OR MAST ARM)
ER	EXISTING RELOCATED UNIT
ET	EXISTING TEMPORARY UNIT TO REMAIN
ETR	EXISTING TEMPORARY RELOCATED UNIT
FT	FEET OR FOOT
FND BW	FOUNDATION BARRIER WALL
FND BW OS	FOUNDATION BARRIER WALL OFFSET
FND CON	FOUNDATION CONCRETE
FND CON OS	FOUNDATION CONCRETE OFFSET
FND MET	FOUNDATION METAL
FND PW	FOUNDATION PARAPET WALL
FU	FUSE
GFCI	GROUND FAULT CIRCUIT INTERRUPTER
GND	GROUND
HID	HIGH INTENSITY DISCHARGE
JB	JUNCTION BOX
KVA	KILOVOLT-AMPERE
KW	KILOWATTS
M	METER
MA	MAST ARM
MM	MILLIMETER
MH	MOUNTING HEIGHT
NO. #	NUMBER
P	PROPOSED
PB	PUSH BUTTON
PNL	PANEL
PVCC RGC	PVC COATED RIGID GALVANIZED CONDUIT
PT	POTENTIAL TRANSFORMER
R	EXISTING UNIT TO BE REMOVED (OWNER SALVAGED U.N.O.)
RL	RELOCATED
RR	EXISTING UNIT TO BE REMOVED AND RELOCATED (REINSTALLED)
RECP	RECEPTACLE
RGC	RIGID GALVANIZED CONDUIT
RGS	RIGID GALVANIZED STEEL
SEL SW	SELECTOR SWITCH
SPARE	SPARE
SPACE	SPACE
SS	STAINLESS STEEL
STA	STATION
T	TEMPORARY LIGHTING UNIT
TB	TRANSFORMER BASE
TMP	TEMPORARY
TR	TEMPORARY UNIT TO BE REMOVED, SALVAGE EQUIPMENT AS SPECIFIED
TRR	TEMPORARY UNIT TO BE REMOVED AND RELOCATED
TUR	TEMPORARY UNIT ON UTILITY POLE TO BE REMOVED
UC	UNDERGROUND CONDUIT
UD	UNIT DUCT
U.N.O.	UNLESS NOTED OTHERWISE
WP	WOOD POLE
XFMR	TRANSFORMER

GENERAL NOTES:

- ELECTRICAL WORK SHALL BE PERFORMED IN ACCORDANCE WITH THE LATEST EDITION OF THE IDOT STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION.
- JUNCTION BOXES SHALL BE ATTACHED TO STRUCTURE UNLESS OTHERWISE NOTED ON THE PLANS, DETAILS OR STANDARDS.
- THE CONTRACTOR SHALL CONTACT MEADE ELECTRIC CO. DISTRICT ONE ELECTRICAL MAINTENANCE CONTRACTOR TO LOCATE IDOT ELECTRICAL EQUIPMENT AND UNDERGROUND CABLES 773-287-7672.
- ALL LUMINAIRES SHALL BE ORIENTED WITH THE OPTICS PERPENDICULAR TO THE ROADWAY UNLESS OTHERWISE INDICATED OR DIRECTED BY THE ENGINEER.
- CONDUITS AND UNIT DUCTS SHALL BE INSTALLED AT A MINIMUM 30" DEPTH BELOW GRADE AND POSITIONED IN THE FIELD TO AVOID CONFLICT WITH ROADWAY UNDERDRAINS AND OTHER EXISTING AND PROPOSED UTILITIES.
- WHERE THE CONTRACTOR'S EXCAVATION MEETS AN OBSTRUCTION, THE CONTRACTOR SHALL NOTIFY THE ENGINEER FOR DIRECTION IN WRITING PRIOR TO EXCAVATION.
- ALL REMOVED EQUIPMENT AND MATERIALS THAT WILL NOT BE REUSED SHALL BE RETURNED TO THE AGENCY THAT OWNS THE EQUIPMENT. THE CONTRACTOR SHALL MAKE ALL NECESSARY ARRANGEMENTS TO SAFELY TRANSPORT AND DELIVER REMOVED EQUIPMENT TO THE AGENCY'S PUBLIC WORKS STORAGE FACILITY/YARD DESIGNATED BY EACH AGENCY. COST OF THIS WORK, INCLUDING PROPERLY PACKAGING AND HANDLING OF EQUIPMENT, SHALL BE INCLUDED IN THE UNIT BID PRICE FOR THE ITEMS BEING REMOVED.
- LIGHTING AND ELECTRICAL SYMBOLS ARE OVERSIZED ON THE PLANS FOR CLARITY. CONTRACTOR SHALL USE STATIONS AND SETBACKS TO ACCURATELY LOCATE EQUIPMENT.

COMED CONTACT INFO:

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MODEL: Junit1-1 (Sheet)  
 FILE NAME: P:\Programs\ppl\cometrans\comp\ppl\checked\Documents\Projects\_2018\C40140118002702-Trans\Systems\CAD\62R89\Sheet21-Lighting\ID162889-S4-T-LIGHT\_02.dgn



USER NAME = myersc  
 PLOT SCALE = 0.08333772 '1/1" in.  
 PLOT DATE = 10/5/2023

DESIGNED - TJL  
 DRAWN - CAM  
 CHECKED - MAE  
 DATE - 10/6/23

REVISED -  
 REVISED -  
 REVISED -  
 REVISED -

STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION

LIGHTING NOTES, ABBREVIATIONS AND QUANTITIES

SCALE: N.T.S. SHEET 2 OF 51 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
I-80	FAI 80 22 BR	WILL	1201	500
CONTRACT NO. 62R89			ILLINOIS FED. AID PROJECT	