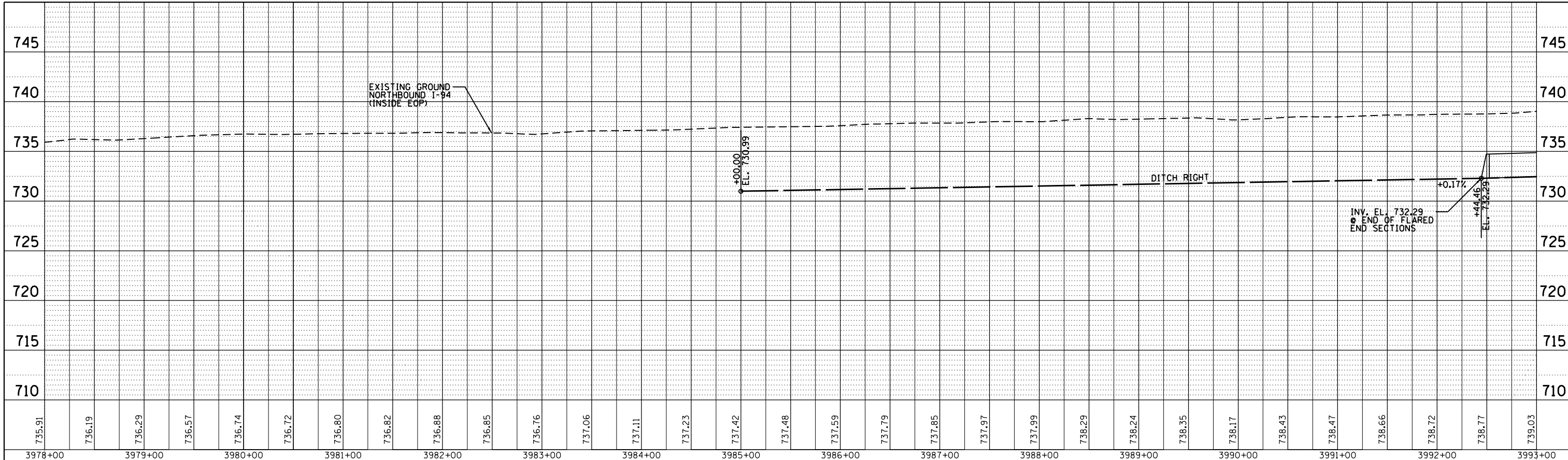
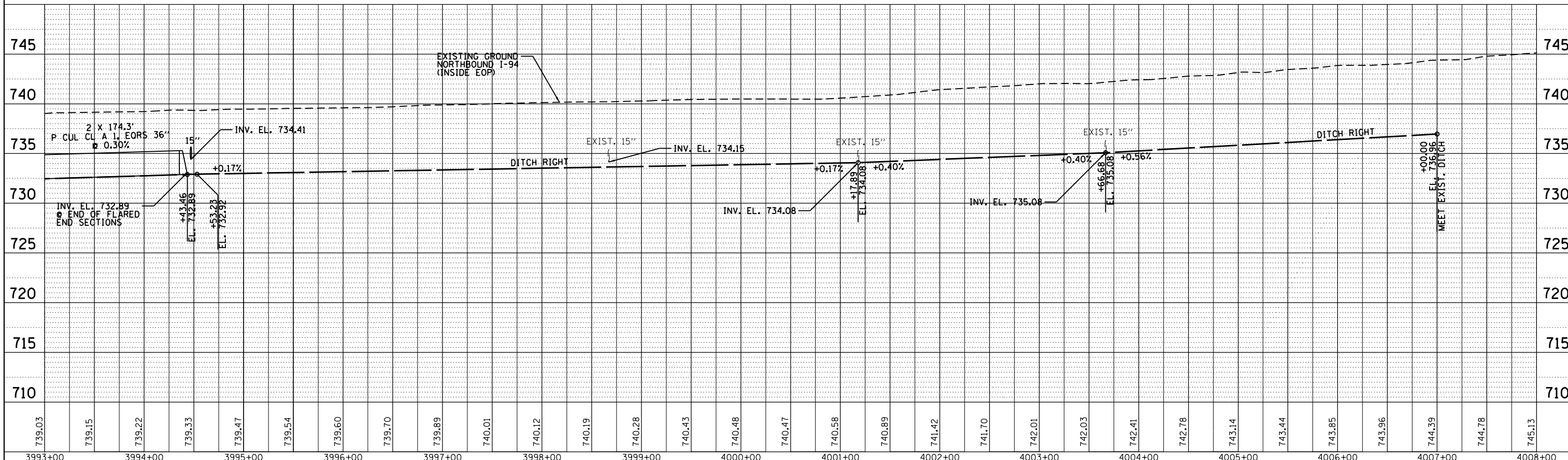


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	PLOTTED		
	ALIGNED		
	CHECKED		
	FILED		
NOTE BOOK NO.	CARD FILE NAME		

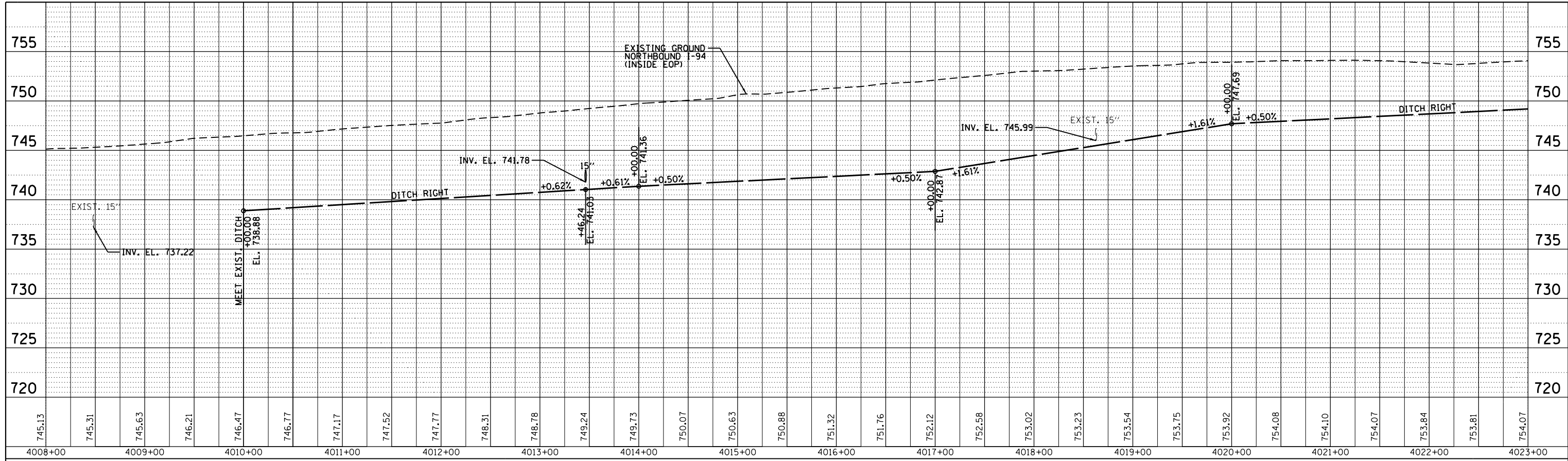


PROFILE	SURVEYED	BY	DATE
	PLOTTED		
	GRADES CHECKED		
	STRUCTURE NOTATIONS CHECKED		
NOTE BOOK NO.	NOTATION CHD		

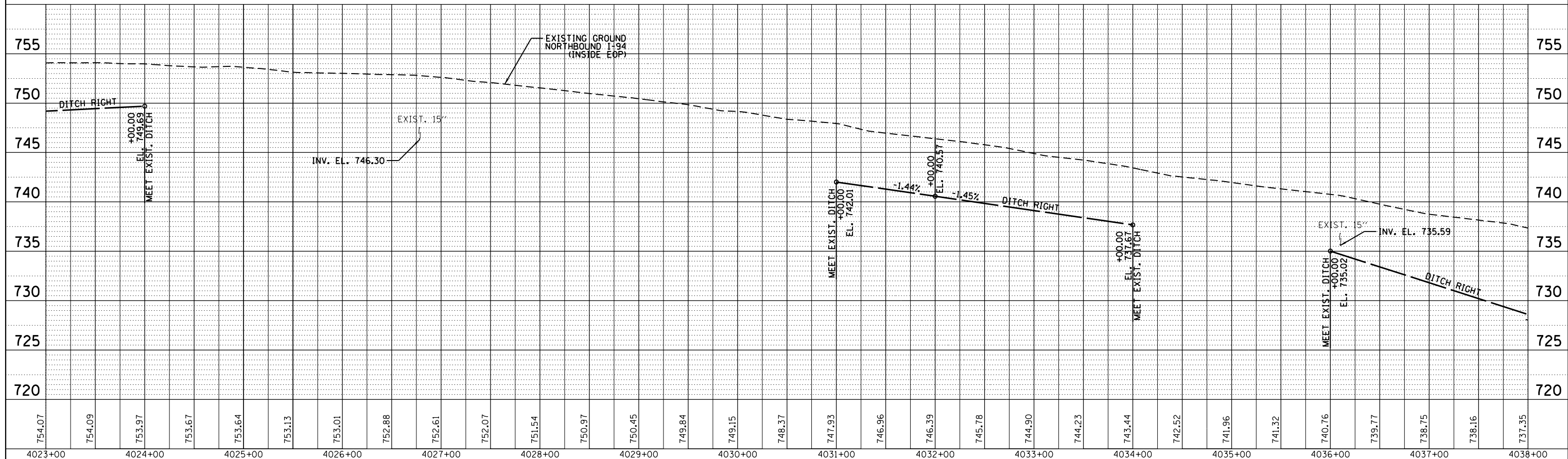


FILE NAME = D:\60L77-sht-drainage profile.dgn	USER NAME = default	DESIGNED - JAM	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PROPOSED DRAINAGE PROFILE NORTHBOUND I-94			F.A. RTE. = 94	SECTION = 49-1-R-1	COUNTY = LAKE	TOTAL SHEETS = 677	SHEET NO. = 201
		DRAWN - JAM	REVISED -		SCALE: 1"=50'	SHEET NO. 1 OF 14 SHEETS	STA. 3978+00.00 TO STA. 4008+00.00	CONTRACT NO. 60L77				
		CHECKED - RGR	REVISED -		ILLINOIS FED. AID PROJECT							
		DATE - 6/19/2012	REVISED -									

PLAN	SURVEYED	BY	DATE
	PLOTTED		
	NOTE BOOK		
	NO.		
	CHECKED		
	FILE NAME		



PROFILE	SURVEYED	BY	DATE
	PLOTTED		
	GRADES CHECKED		
	STRUCTURE NOTATIONS CHECKED		
	NO.		



FILE NAME = D:\60L77-sht-drainage profile.dgn

USER NAME = default
 PLOT SCALE = H=1"=10' V=1"=5'
 PLOT DATE = 6/20/2012

DESIGNED - JAM
 DRAWN - JAM
 CHECKED - RGR
 DATE - 6/19/2012

REVISED -
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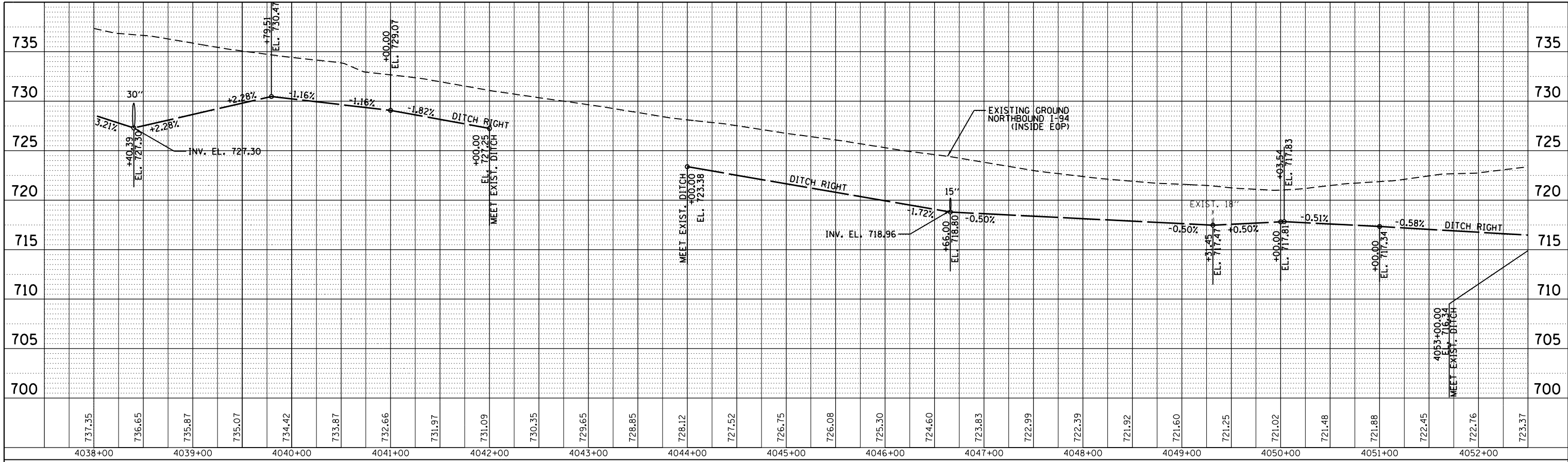
STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

PROPOSED DRAINAGE PROFILE
 NORTHBOUND I-94

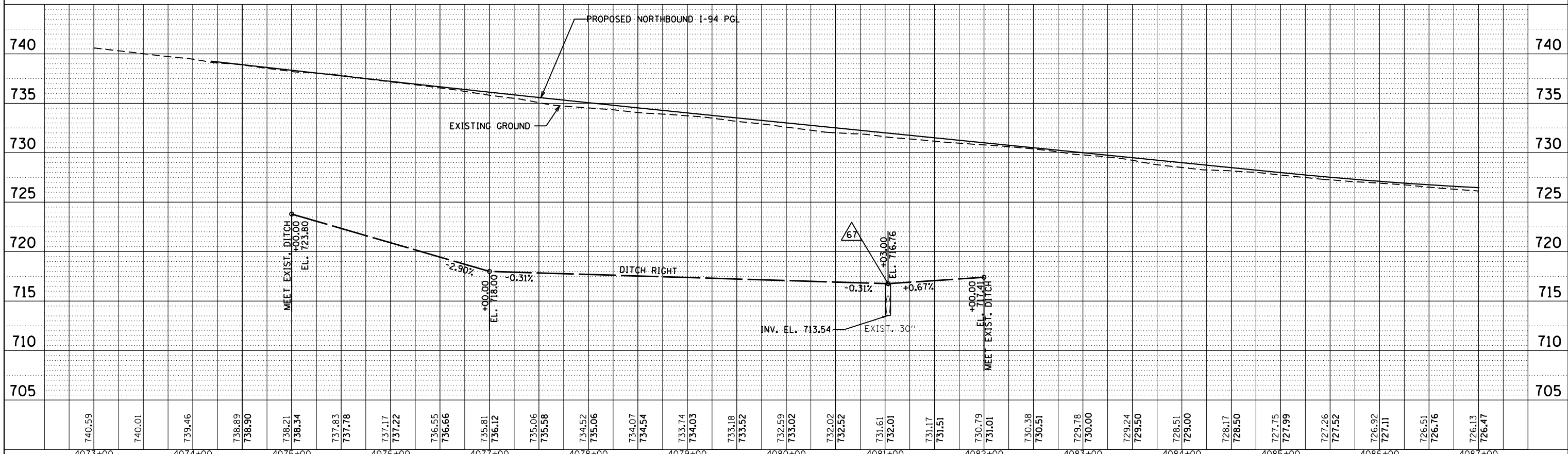
SCALE: 1"=50' SHEET NO. 2 OF 14 SHEETS STA. 4008+00.00 TO STA. 4038+00.00

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94	49-1-R-1	LAKE	677	202
CONTRACT NO. 60L77			ILLINOIS FED. AID PROJECT	

PLAN	SURVEYED	BY	DATE
	PLOTTED		
	NOTE BOOK		
	NO.		
	CHECKED		
	FILE NAME		



PROFILE	SURVEYED	BY	DATE
	PLOTTED		
	GRADES CHECKED		
	NO.		
	STRUCTURE		
	NOTATIONS		



FILE NAME = D160L77-sht-drainage profile.dgn

USER NAME = default
 DESIGNED - JAM
 DRAWN - JAM
 CHECKED - RGR
 DATE - 6/19/2012

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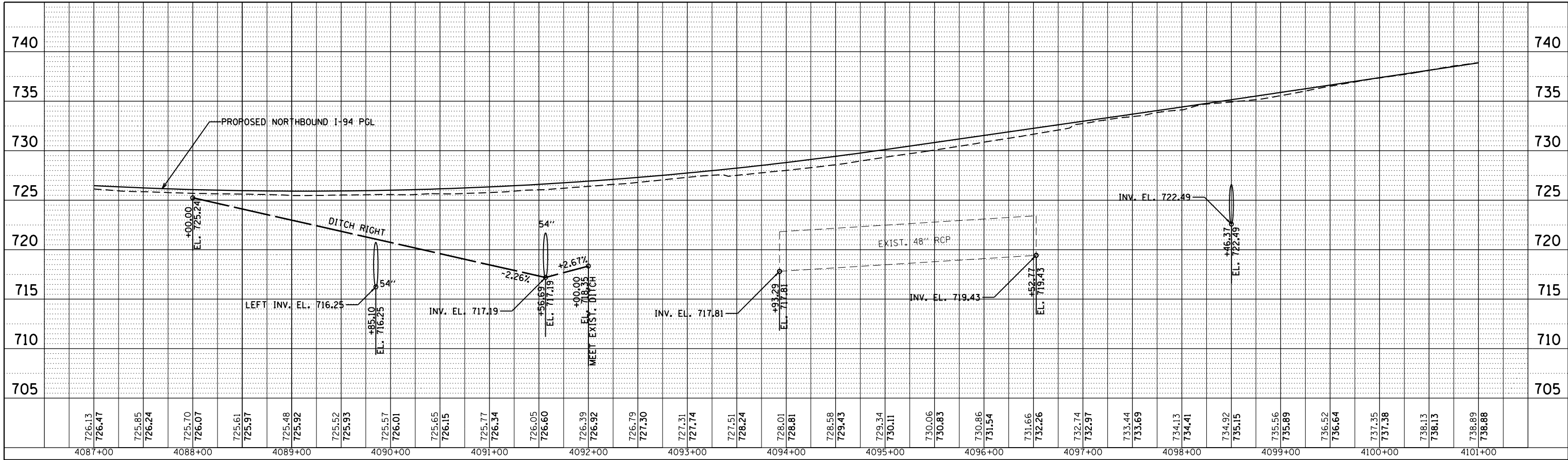
STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

PROPOSED DRAINAGE PROFILE
 NORTHBOUND I-94

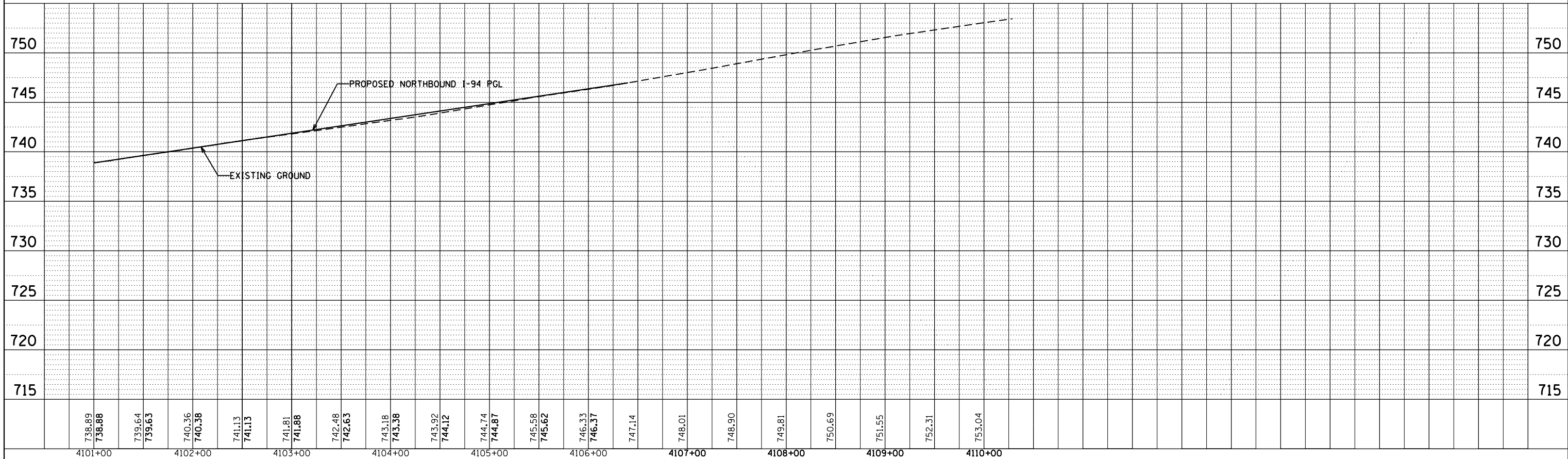
SCALE: 1"=50' SHEET NO. 3 OF 14 SHEETS STA. 4038+00.00 TO STA. 4087+00.00

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94	49-1-R-1	LAKE	677	203
CONTRACT NO. 60L77			ILLINOIS FED. AID PROJECT	

PLAN	SURVEYED	BY	DATE
	PLOTTED		
	NOTE BOOK		
	NO.		
	CHECKED		
	FILE NAME		



PROFILE	SURVEYED	BY	DATE
	PLOTTED		
	GRADES CHECKED		
	NO.		
	STRUCTURE		
	NOTATION		



FILE NAME = D:\60L77-sht-drainage profile.dgn

USER NAME = default
 PLOT SCALE = Hgt=10' Vht=5'
 PLOT DATE = 6/20/2012

DESIGNED - JAM
 DRAWN - JAM
 CHECKED - RGR
 DATE - 6/19/2012

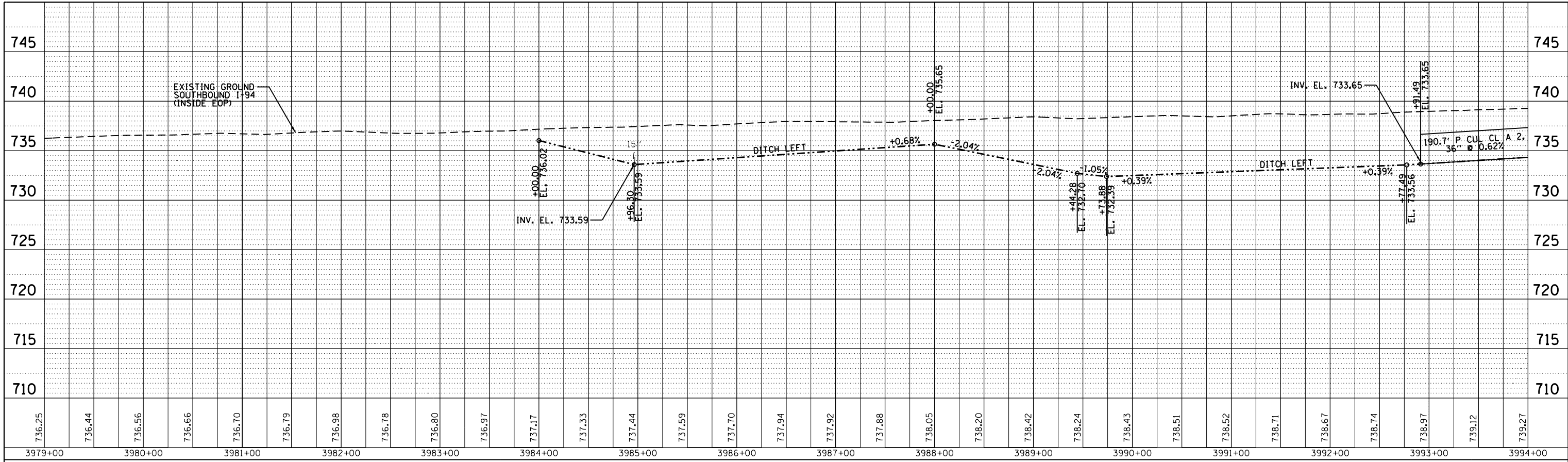
REVISED -
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**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

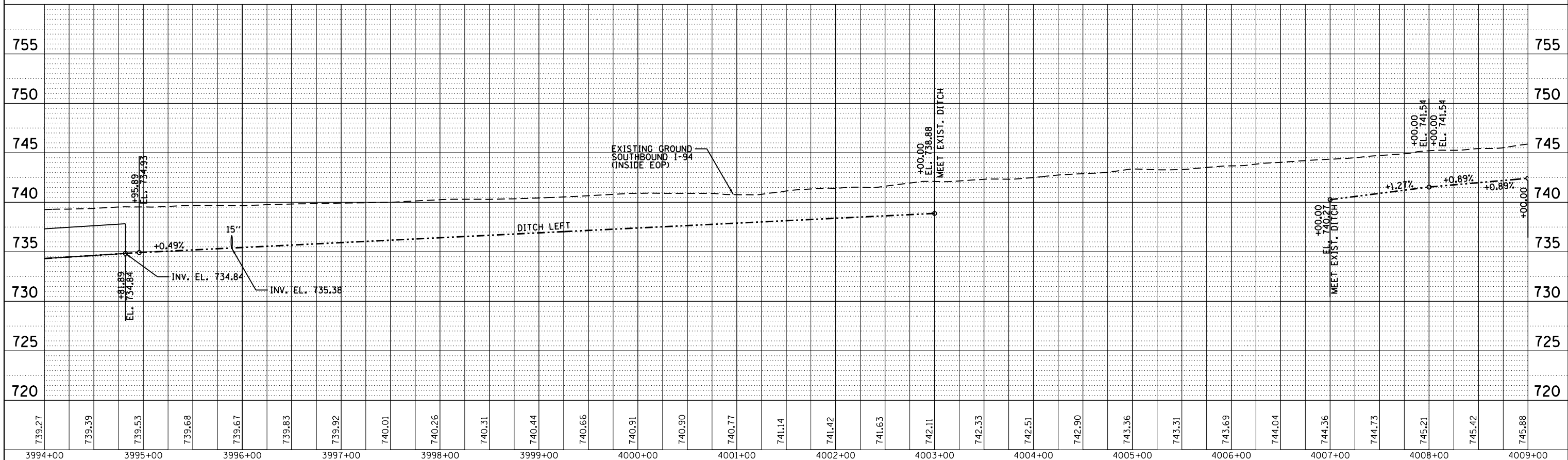
**PROPOSED DRAINAGE PROFILE
 NORTHBOUND I-94**
 SCALE: 1"=50' SHEET NO. 4 OF 14 SHEETS STA. 4087+00.00 TO STA. 4110+00.00

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94	49-1-R-1	LAKE	677	204
CONTRACT NO. 60L77			ILLINOIS FED. AID PROJECT	

PLAN	SURVEYED	BY	DATE
	PLOTTED		
	GRADES CHECKED		
	STRUCTURE NOTATIONS CHECKED		
	NOTE BOOK NO.		
	CARD FILE NAME		



PROFILE	SURVEYED	BY	DATE
	PLOTTED		
	GRADES CHECKED		
	STRUCTURE NOTATIONS CHECKED		
	NOTE BOOK NO.		
	CARD FILE NAME		



FILE NAME = D:\60L77-sht-drainage profile.dgn

USER NAME = default
 DESIGNED - JAM
 DRAWN - JAM
 CHECKED - RGR
 DATE - 6/19/2012

DESIGNED - JAM
 DRAWN - JAM
 CHECKED - RGR
 DATE - 6/19/2012

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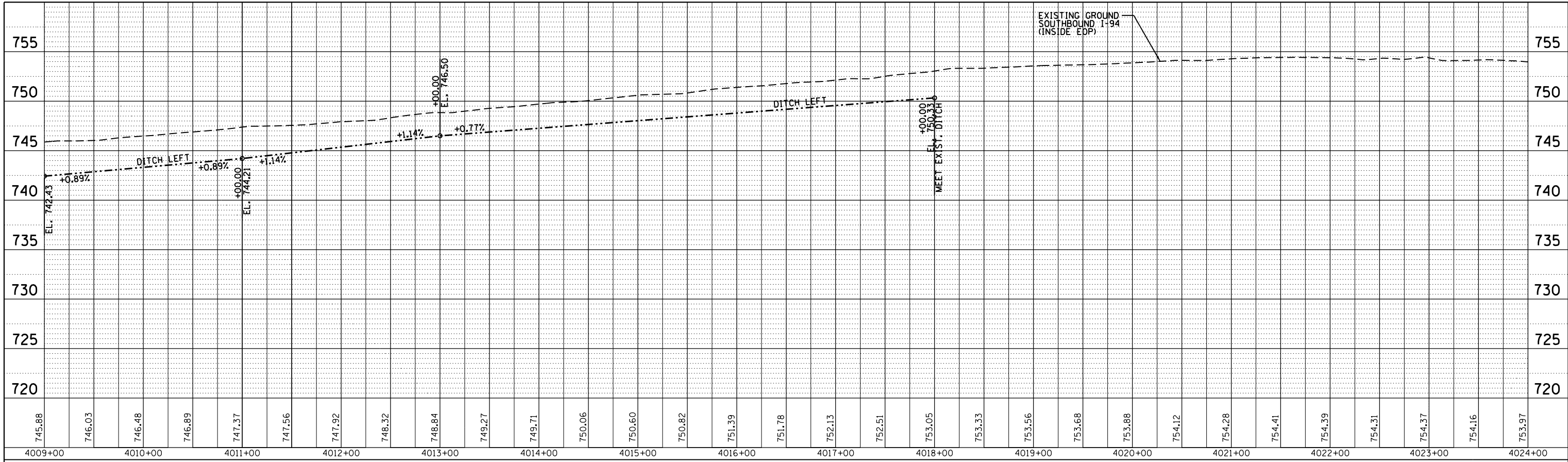
**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**PROPOSED DRAINAGE PROFILE
 SOUTHBOUND I-94**

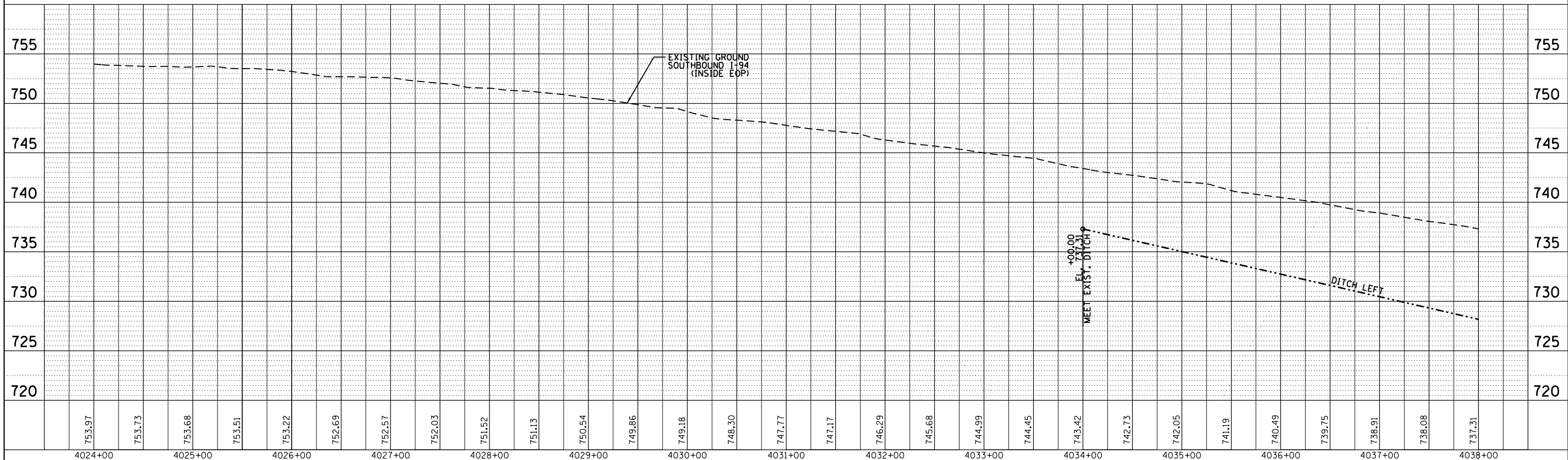
SCALE: 1"=50' SHEET NO. 5 OF 14 SHEETS STA. 3978+00.00 TO STA. 4008+00.00

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94	49-1-R-1	LAKE	677	205
CONTRACT NO. 60L77				
ILLINOIS FED. AID PROJECT				

PLAN	SURVEYED	BY	DATE
	PLOTTED		
	NOTE BOOK		
	NO.		
	CHECKED		
	FILE NAME		



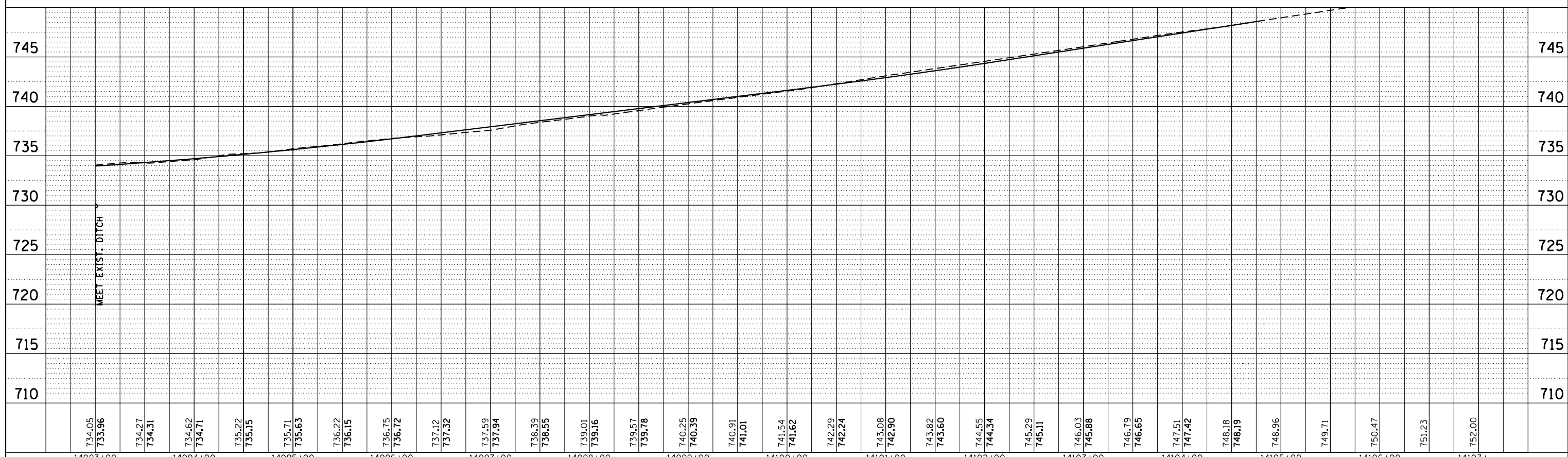
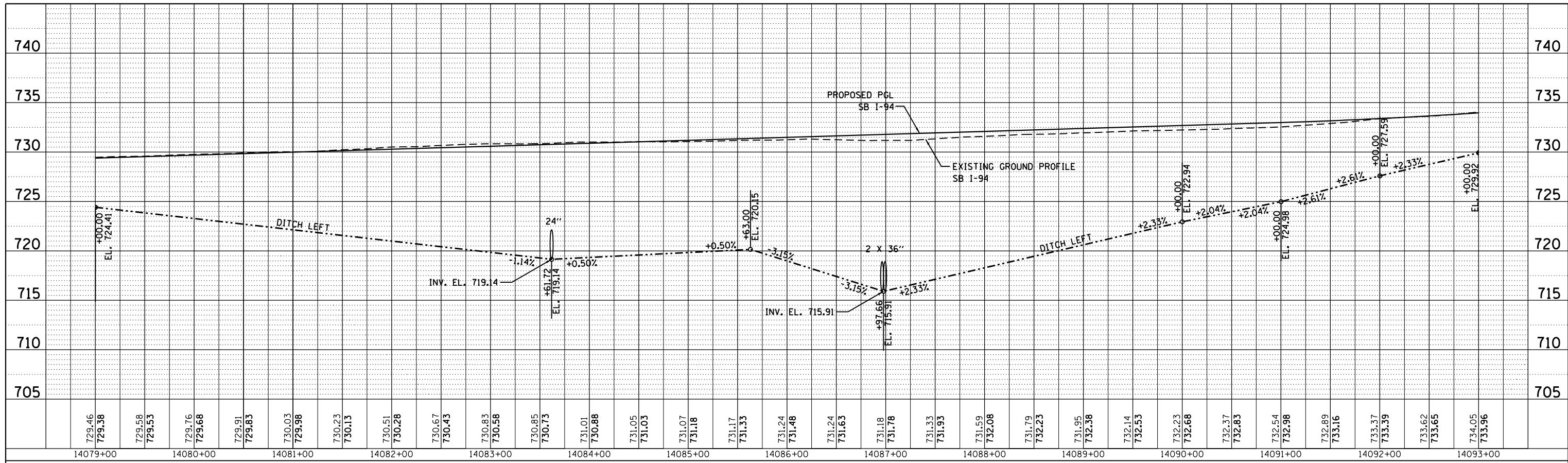
PROFILE	SURVEYED	BY	DATE
	PLOTTED		
	GRADES CHECKED		
	STRUCTURE		
	NO.		
	CHECKED		
	NOTATION		



FILE NAME =	USER NAME = default	DESIGNED -	JAM	REVISED -		STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PROPOSED DRAINAGE PROFILE SOUTHBOUND I-94			F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
D:\60L77-sht-drainage profile.dgn		DRAWN -	JAM	REVISED -			94	49-1-R-1	LAKE	677	206			
		PLOT SCALE =	Ht1'=10' Vt1'=5'	CHECKED -	RGR		REVISED -			CONTRACT NO. 60L77				
		PLOT DATE =	6/20/2012	DATE -	6/19/2012		REVISED -			ILLINOIS FED. AID PROJECT				
							SCALE: 1"=50'	SHEET NO. 6 OF 14 SHEETS	STA. 4008+00.00 TO STA. 4038+00.00					

PLAN	SURVEYED	BY	DATE
	PLOTTED		
	NOTE BOOK		
	NO.		
	CHECKED		
	FILE NAME		

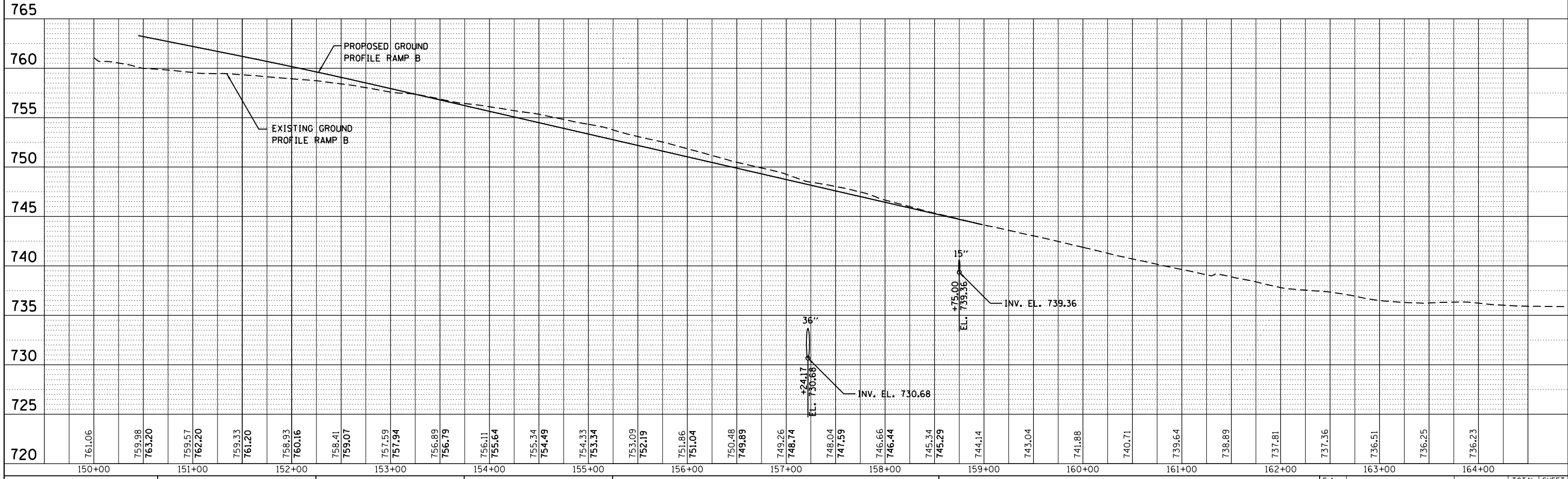
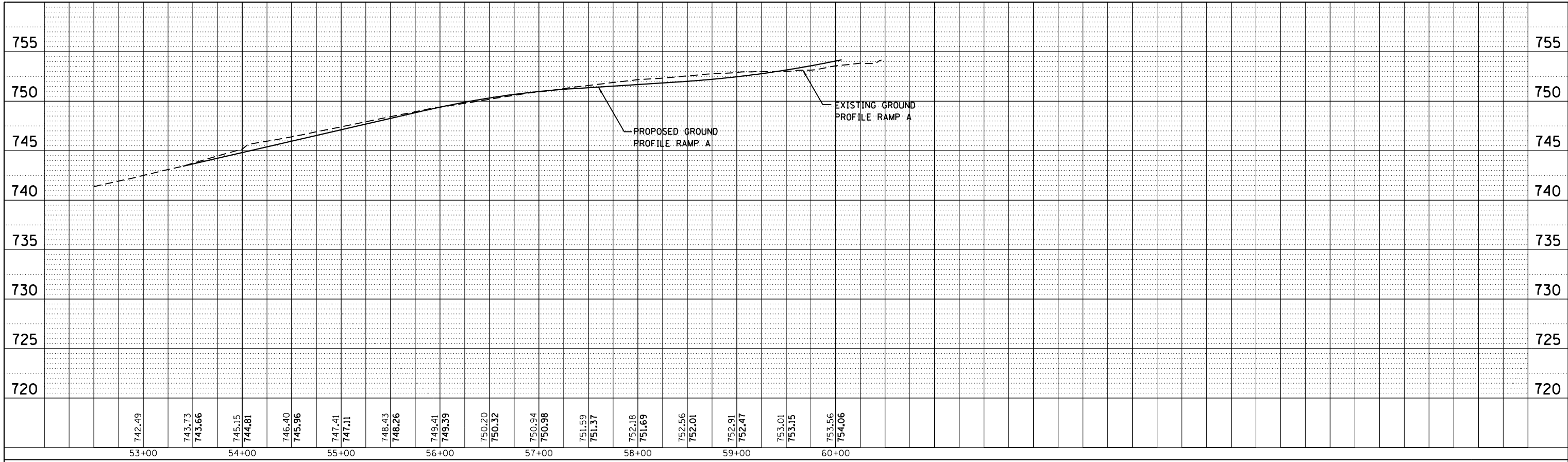
PROFILE	SURVEYED	BY	DATE
	PLOTTED		
	NOTE BOOK		
	NO.		
	CHECKED		
	FILE NAME		



FILE NAME =	USER NAME = default	DESIGNED -	JAM	REVISED -		STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION PROPOSED DRAINAGE PROFILE SOUTHBOUND I-94	F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
D:\60L77-sht-drainage profile.dgn		DRAWN -	JAM	REVISED -			94	49-1-R-1	LAKE	677	208
		CHECKED -	RGR	REVISED -			CONTRACT NO. 60L77				
		DATE -	6/19/2012	REVISED -			ILLINOIS FED. AID PROJECT				
SCALE: 1"=50'						SHEET NO.	OF	SHEETS	STA. 14079+00.00 TO STA. 14107+00.00		

PLAN	SURVEYED	BY	DATE
	PLOTTED		
	NOTE BOOK		
	NO.		
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	CHECKED		
	CARD FILE NAME		

PROFILE	SURVEYED	BY	DATE
	PLOTTED		
	GRADES CHECKED		
	NO.		
	STRUCTURE		
	NOTATIONS		



FILE NAME = D:\60L77-sht-drainage profile.dgn
715

USER NAME = default	DESIGNED - JAM	REVISED -
PLOT SCALE = Hgt=10' Vht=5'	DRAWN - JAM	REVISED -
PLOT DATE = 6/20/2012	CHECKED - RGR	REVISED -
	DATE - 6/19/2012	REVISED -

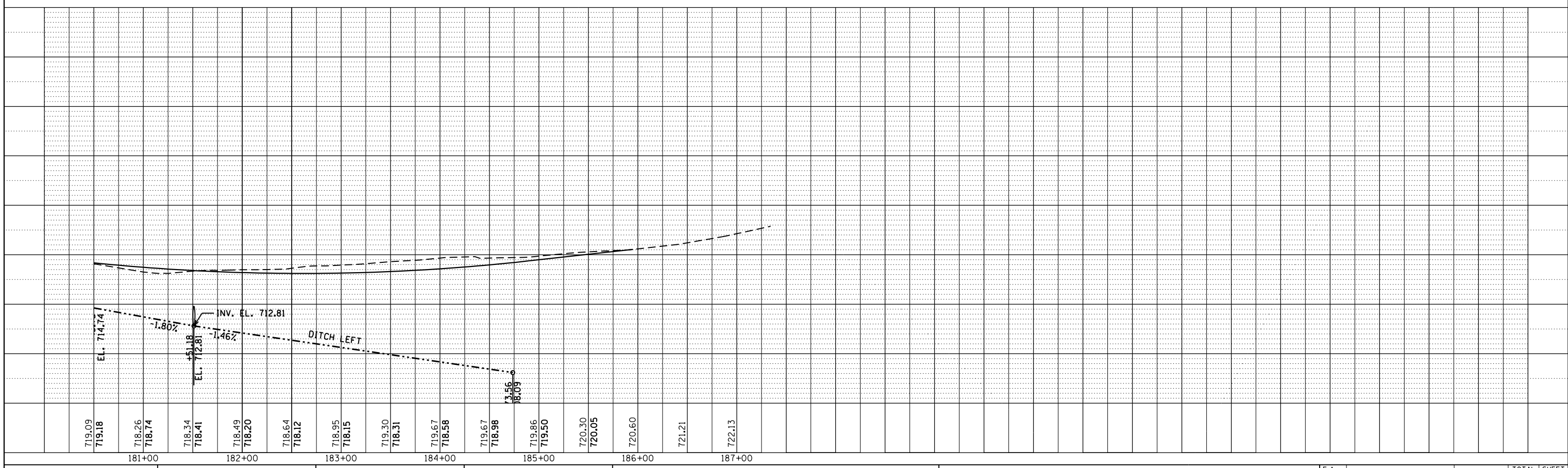
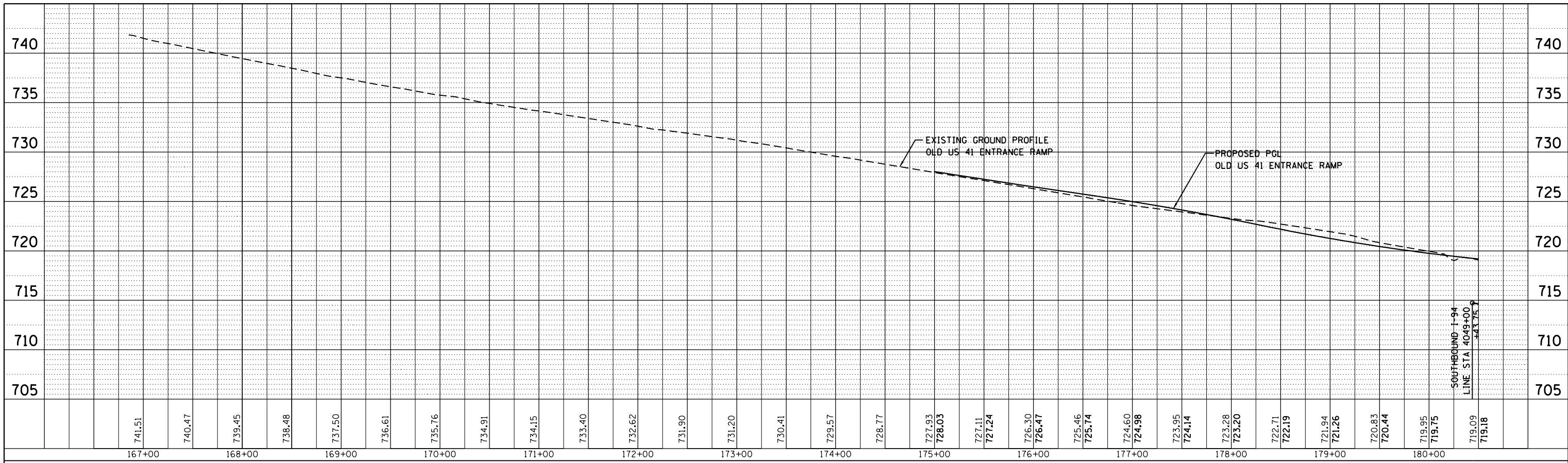
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PROPOSED DRAINAGE PROFILE RAMP A AND RAMP B			
SCALE: 1"=50'	SHEET NO. 9 OF 14 SHEETS	STA.	TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94	49-1-R-1	LAKE	677	209
CONTRACT NO. 60L77				
ILLINOIS FED. AID PROJECT				

PLAN	SURVEYED	BY	DATE
	PLOTTED		
	NOTE BOOK		
	NO.		
	CHECKED		
	FILE NAME		

PROFILE	SURVEYED	BY	DATE
	PLOTTED		
	GRADES		
	STRUCTURE		
	NOTATIONS		
	CHKD		



FILE NAME = D:\60L77-sht-drainage profile.dgn

USER NAME = default
 PLOT SCALE = H=1"=10' V=1"=5'
 PLOT DATE = 6/20/2012

DESIGNED - JAM
 DRAWN - JAM
 CHECKED - RGR
 DATE - 6/19/2012

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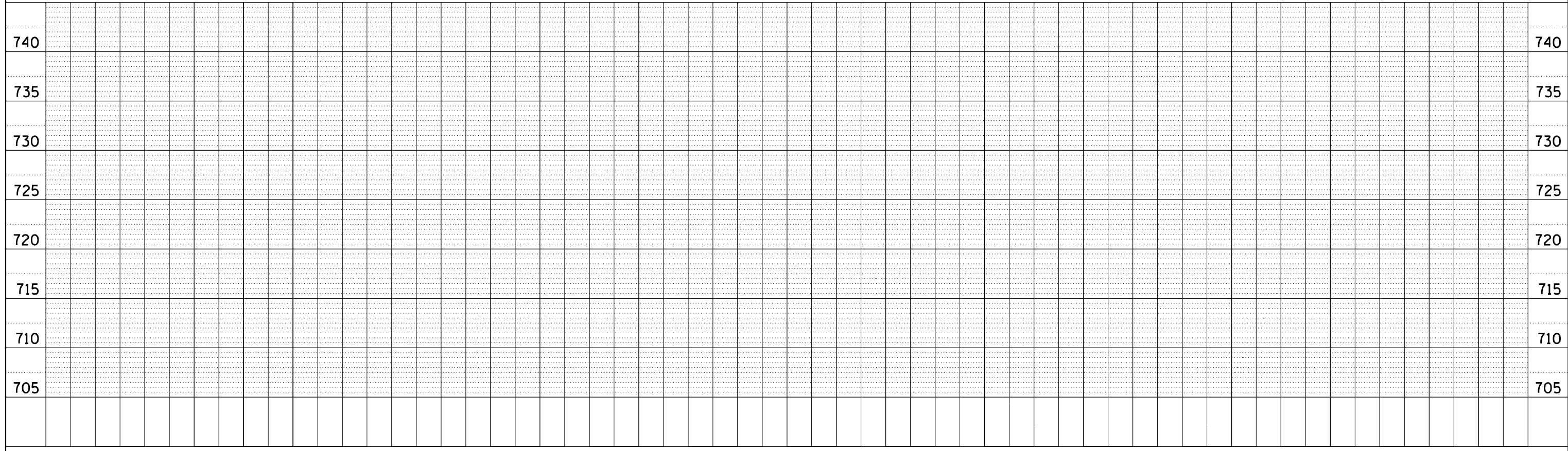
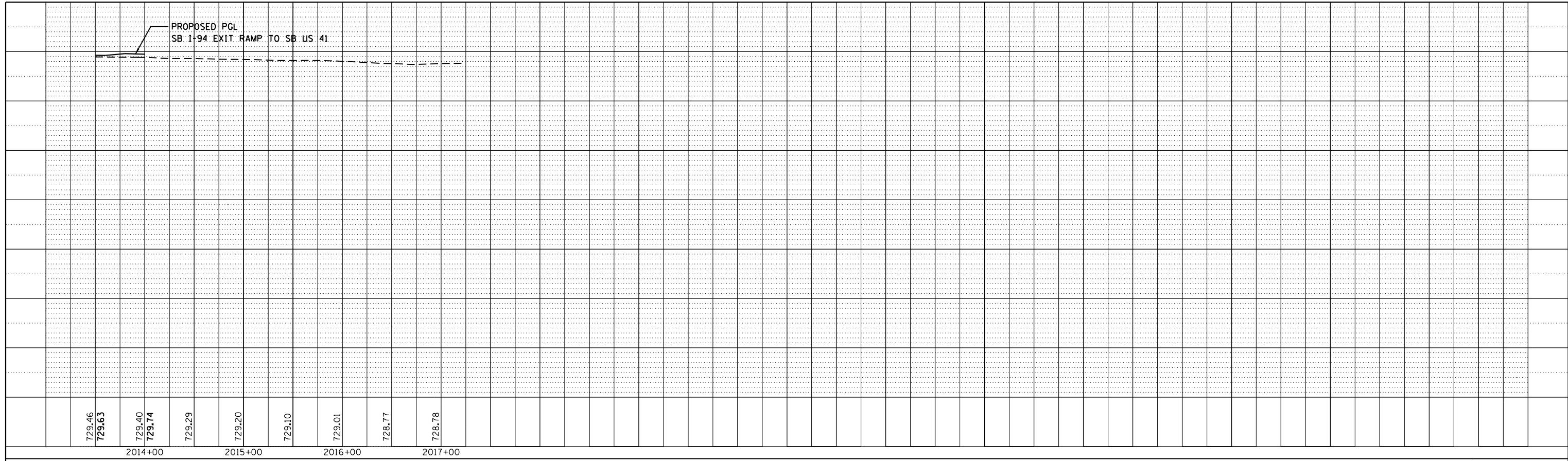
STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

PROPOSED DRAINAGE PROFILE
 OLD US 41 ENTRANCE RAMP TO SB I-94
 SCALE: 1"=50' SHEET NO. 10 OF 14 SHEETS STA. 167+00.00 TO STA. 187+00.00

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94	49-1-R-1	LAKE	677	210
CONTRACT NO. 60L77				
ILLINOIS FED. AID PROJECT				

PLAN	SURVEYED	BY	DATE
NOTE BOOK NO.	PLOTTED		
	ALIGNMENT		
	CHECKED		
	FILE NAME		

PROFILE	SURVEYED	BY	DATE
NOTE BOOK NO.	PLOTTED		
	GRADES CHECKED		
	STRUCTURE		
	NOTATION		



FILE NAME = D160L77-sht-drainage profile.dgn	USER NAME = default	DESIGNED - JAM	REVISED -
		DRAWN - JAM	REVISED -
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	PLOT DATE = 6/20/2012	DATE - 6/19/2012	REVISED -

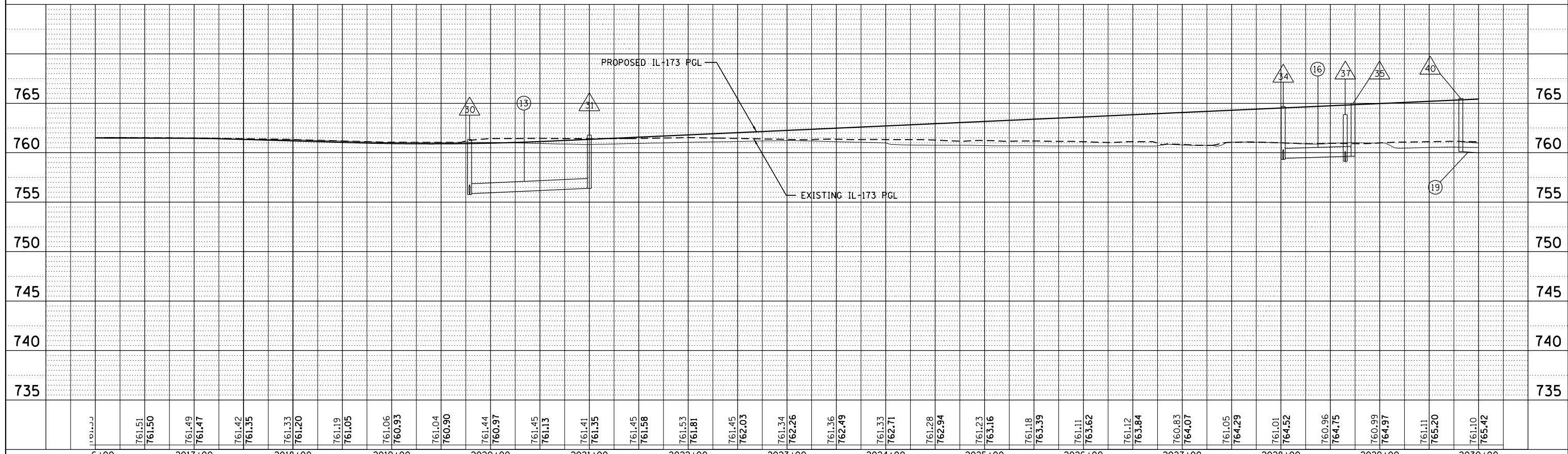
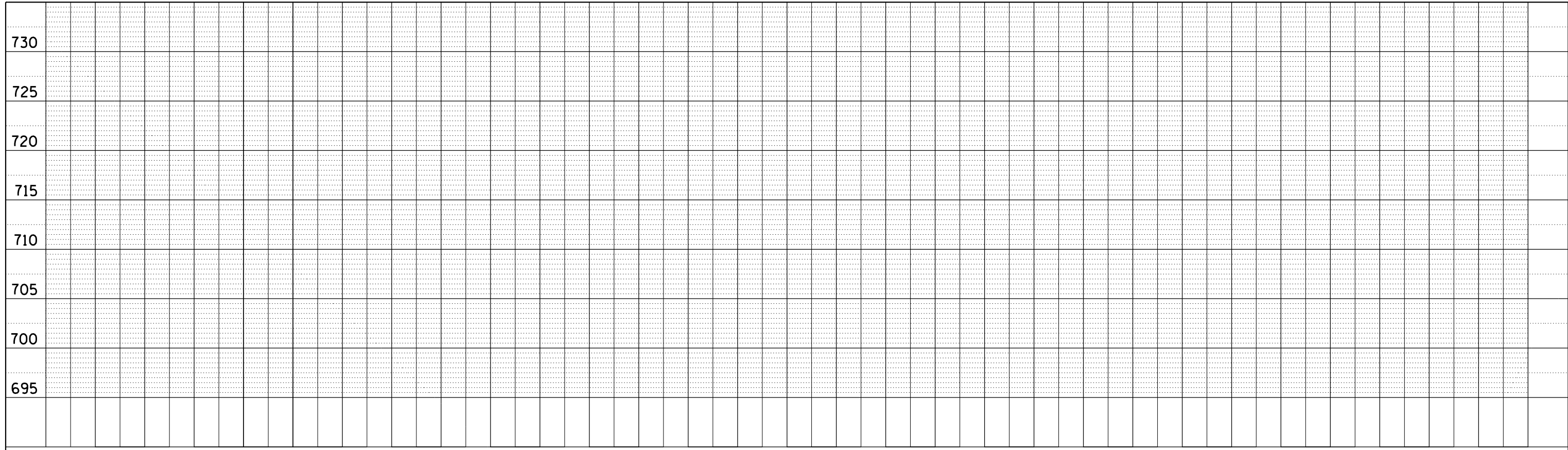
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

PROPOSED DRAINAGE PROFILE			
US 41 EXIT RAMP FROM SB I-94			
SCALE: 1"=50'	SHEET NO. 12 OF 14 SHEETS	STA.	TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94	49-1-R-1	LAKE	677	212
CONTRACT NO. 60L77				
ILLINOIS FED. AID PROJECT				

PLAN	SURVEYED	BY	DATE
NOTE BOOK NO.	PLOTTED		
	ALIGNMENT		
	CHECKED		
	FILE NAME		

PROFILE	SURVEYED	BY	DATE
NOTE BOOK NO.	PLOTTED		
	GRADES		
	CHECKED		
	STRUCTURE		
	NOTATIONS		



FILE NAME =	USER NAME = default	DESIGNED - JAM	REVISED -
D:\60L77-sht-drainage profile.dgn		DRAWN - JAM	REVISED -
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	PLOT DATE = 6/20/2012	DATE - 6/19/2012	REVISED -

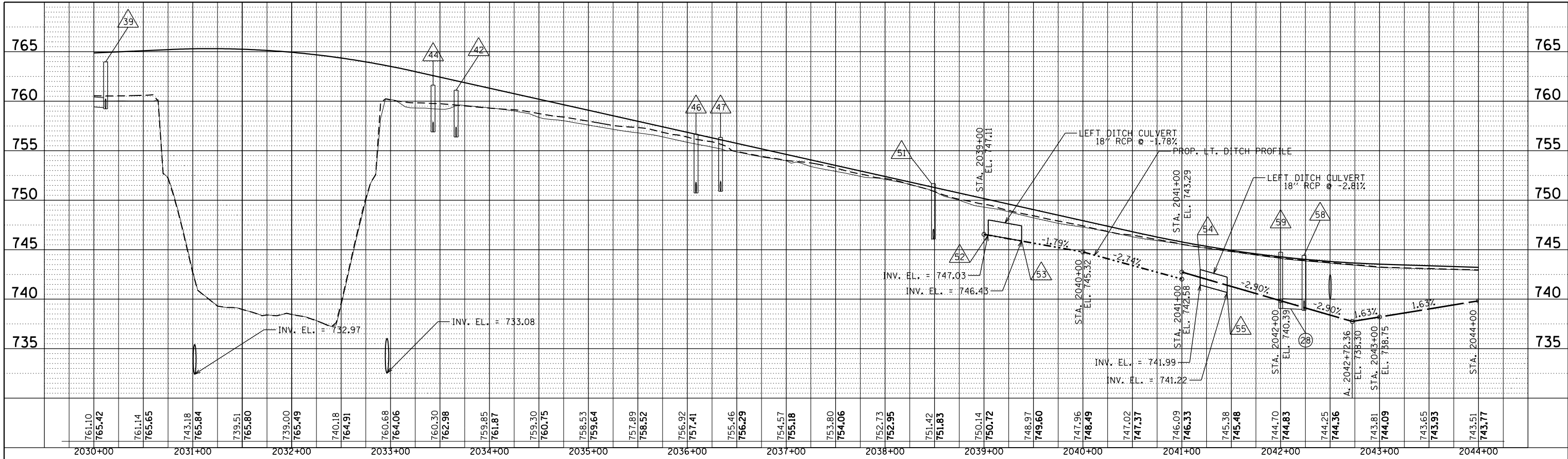
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**PROPOSED DRAINAGE PROFILE
ILLINOIS ROUTE I73**

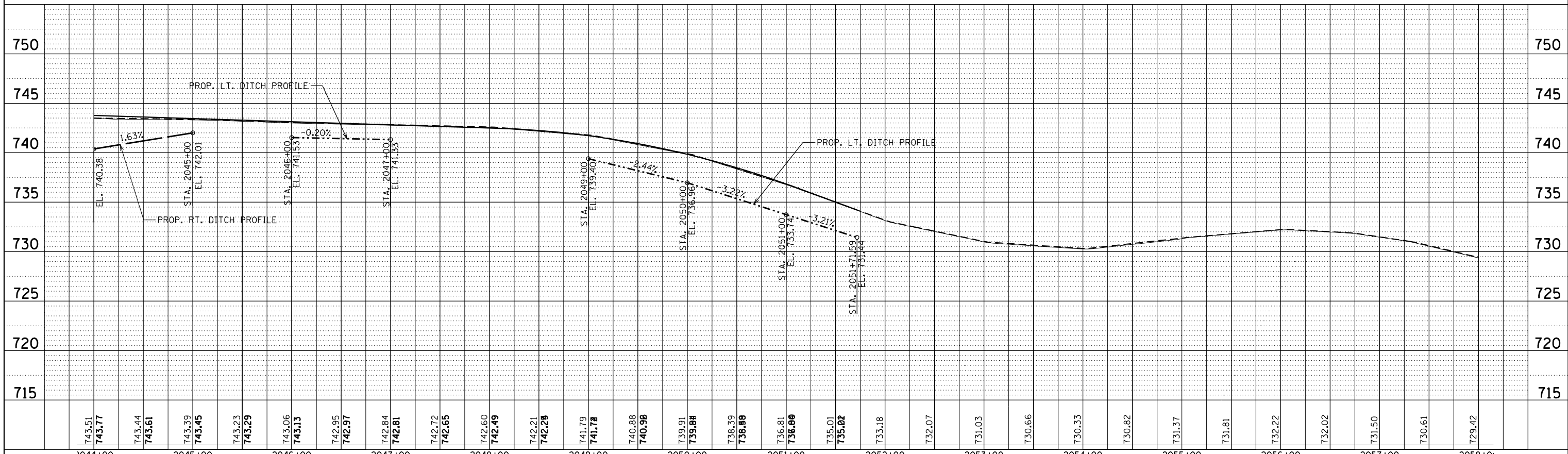
SCALE: 1"=50' SHEET NO. 13 OF 14 SHEETS STA. 2016+00.00 TO STA. 2030+00.00

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94	49-1-R-1	LAKE	677	213
CONTRACT NO. 60L77			ILLINOIS FED. AID PROJECT	

PLAN	SURVEYED	BY	DATE
	PLOTTED		
	GRADES CHECKED		
	STRUCTURE NOTATIONS CHECKED		
	NOTE BOOK NO.		
	CARD FILE NAME		



PROFILE	SURVEYED	BY	DATE
	PLOTTED		
	GRADES CHECKED		
	STRUCTURE NOTATIONS CHECKED		
	NOTE BOOK NO.		
	CARD FILE NAME		



FILE NAME = D:\60L77-sht-drainage profile.dgn	USER NAME = default	DESIGNED - JAM	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION PROPOSED DRAINAGE PROFILE ILLINOIS ROUTE 173	F.A. R.T.E. = 94	SECTION = 49-1-R-1	COUNTY = LAKE	TOTAL SHEETS = 677	SHEET NO. = 214	
	PLOT SCALE = Ht=1'-10" V=1'-5"	DRAWN - JAM	REVISED -		SCALE: 1"=50'	SHEET NO. 14 OF 14 SHEETS	STA. 2030+00.00 TO STA. 2058+00.00	CONTRACT NO. 60L77		
	PLOT DATE = 6/20/2012	CHECKED - RGR	REVISED -		ILLINOIS FED. AID PROJECT					
		DATE - 6/19/2012	REVISED -							

SCHEDULE OF DRAINAGE STRUCTURES

STR NO.	LOCATION	STATION	OFFSET	RIM ELEV.	60200105 CB TA 4 DIA TIF OL (EA)	60200805 CB TA 4 DIA T8 F&G (EA)	60201310 CB TA 4 DIA T20 F&G (EA)	J1602010 CB TB (EA)	J1602115 CB G-2 TG-2 F&G (EA)	J1602120 CB G-3 TG-3 F&G (EA)	60218400 MAN TA 4 DIA T1F CL (EA)	J1602740 DRN STR TY 4 W2 T20 F&G (EA)	X0326337 DRAINAGE CONTROL STR (EA)	54213657 PRC FLR END SEC 12 (EA)	54213663 PRC FLR END SEC 18 (EA)	54213675 PRC FLR END SEC 30 (EA)	54215424 CIP RC END SEC 24 (EA)	54215436 CIP RC END SEC 36 (EA)	54215448 CIP RC END SEC 48 (EA)	54215454 CIP RC END SEC 54 (EA)	JT594015 SLOPED HW T III 15 (EA)	JT594018 SLOPED HW T III 18 (EA)	JT594024 SLOPED HW T III 24 (EA)	JT594030 SLOPED HW T III 30 (EA)	J1680020 HEADWALL TYPE III 36, 1:4 (EA)	54214731 PRCF END S EL EORS 36" (EA)	X5428800 CIP RC END SEC (CU YD)	50800205 REBAR (EPOXY) (LBS)	INVERT ELEVATIONS			
1	I-94	3981+53.54	68.6' LT	736.33				1																								734.61N, 734.61W (EXIST.),
2	I-94	3982+45.12	710.3' LT	735.84				1																							731.37N, 731.37S,	
3	RAMP B	157+25.72	43.5' RT	-																											730.68W,	
4	RAMP B	157+28.03	104.8' LT	-																											732E,	
5	I-94	3992+85.83	99.3' LT	-																											733.65S,	
6	I-94	3995+13.87	101.5' LT	-																											734.83N,	
7	I-94	3992+41.41	94.4' RT	-																											732.33S,	
8	I-94	3994+36.12	94.4' RT	-																											732.94N,	
9	I-94	3995+90.93	90.3' LT	-																											736.07W,	
10	I-94	3994+46.89	85.3' RT	-																											734.48E,	
11	I-94	4013+47.77	87.5' RT	-																											741.78E,	
12	I-94	4032+67.25	112.6' LT	-																											738.02NW,	
13	I-94	4039+35.81	100.8' LT	-																											725.03N,	
14	I-94	4038+44.67	99.8' RT	-																											726.17S,	
15	OLD US41	181+51.18	18.5' LT	-																											712.91NW,	
16	I-94	4046+65.89	90.5' RT	-																											718.96SE,	
17	I-94	4052+28.03	90.9' LT	-																											714.18N,	
18	I-94	4073+50.06	144.7' LT	-																											712.65N,	
19	I-94	4071+42.46	12.4' LT	-																											718.27W,	
20	I-94	4070+81.03	106.9' LT	719.13																											710.87N, 714.98E, 710.87S,	
21	I-94	14083+61.35	71.8' RT	-																											717.45E,	
22	I-94	14083+61.79	95.2' LT	-																											719.14W,	
23	I-94	14087+01.60	72.1' RT	-																											716.4E,	
24	I-94	14086+97.66	96.9' LT	-																											715.91W,	
25	I-94	4089+85.10	40.0' LT	-																											716.25SW,	
26	I-94	4091+56.69	102.3' RT	-																											717.22NE,	
27	I-94	4098+46.37	111.6' RT	-																											722.38E,	
28	IL 173	2019+78.72	57.6' RT	-																											755.34S,	
29	IL 173	2019+78.75	36.6' RT	760.25																											755.63N, 755.53S,	
30	IL 173	2019+78.79	0.0' RT	761.34		1																									755.87E, 755.77S,	
31	IL 173	2021+00.00	0.0' RT	761.78		1																									756.39W,	
32	IL 173	2028+02.16	72.8' RT	-																											758.83S,	
33	IL 173	2028+02.19	45.0' RT	763.81																											759.19N, 759.09S,	
34	IL 173	2028+02.24	8.0' RT	764.67			1																								759.43N, 759.33S,	
35	IL 173	2028+73.00	8.0' RT	764.99			1																								759.72W,	
36	IL 173	2028+65.03	81.7' LT	-																											758.84N,	
37	IL 173	2028+65.00	51.0' LT	763.85	1																										759.13N,	
38	IL 173	2030+11.86	73.0' RT	-																											759.59S,	
39	IL 173	2030+11.89	51.0' RT	764.52	1																										759.89NW, 759.79S,	
40	IL 173	2029+82.00	8.0' RT	765.48			1																								760.11SE,	
41	IL 173	2033+66.23	73.0' RT	-																											756.74S,	
42	IL 173	2033+66.26	51.0' RT	761.66	1																										756.94S,	
43	IL 173	2033+42.02	83.0' LT	-																											757.15N,	
44	IL 173	2033+42.98	51.0' LT	762.18	1																										757.45N,	
45	IL 173	2036+08.77	77.6' RT	-																											750.95N,	
46	IL 173	2036+08.82	45.0' RT	756.69																											751.38N, 751.28S,	
47	IL 173	2036+23.83	6.2' RT	757.16		1																									751.56S,	
48	IL 173	2036+44.97	117.0' LT	-																											734.79N,	
49	IL 173	2038+48.77	71.5' RT	-																											746.13S,	
50	IL 173	2038+48.80	49.8' RT	751.05																											746.42N, 746.32S,	
51	IL 173	2038+48.86	0.0' RT	752.22		1																									746.63S,	
52	IL 173	2039+04.31	71.3' LT	-																											747.03W,	
53	IL 173	2039+38.04	68.7' LT	-																											746.43E,	
54	IL 173	2041+18.56	63.8' LT	-																											741.99W,	
55	IL 173	2041+45.95	65.9' LT	-																											741.22E,	
56	IL 173	2042+23.65	64.0' LT	-																											739.06N,	
57	IL 173	2042+23.61	36.0' LT	743.90																											739.18N, 739.28S,	
58	IL 173	2042+23.57	1.2' RT	744.97																											739.42N, 739.52W,	
59	IL 173	2042+00.00	0.3' RT	745.30		1																									739.61E,	
60	IL 173	2042+74.37	58.4' LT	-																											738.02N,	

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		DRAWN - JAM	REVISED -
	PLOT SCALE = H=1"=10' V=1"=5'	CHECKED - RGR	REVISED -
	PLOT DATE = 6/20/2012	DATE - 6/19/2012	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DRAINAGE SCHEDULES

SCALE: SHEET NO. 1 OF 3 SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94	49-1-R-1	LAKE	677	215
CONTRACT NO. 60L77			ILLINOIS FED. AID PROJECT	

S:\1101\95\CADD\60L77_IL_173\60L77_sht-schedule.drain.dgn

SCHEDULE OF DRAINAGE STRUCTURES

STR NO.	LOCATION	STATION	OFFSET	RIM ELEV.	60200105 CB TA 4 DIA TIF OL (EA)	60200805 CB TA 4 DIA T8 F&G (EA)	60201310 CB TA 4 DIA T20 F&G (EA)	J1602010 CB TB (EA)	J1602115 CB G-2 TG-2 F&G (EA)	J1602120 CB G-3 TG-3 F&G (EA)	60218400 MAN TA 4 DIA TIF CL (EA)	J1602740 DRN STR TY 4 W2 T20 F&G (EA)	X0326337 DRAINAGE CONTROL STR (EA)	54213657 PRC FLR END SEC 12 (EA)	54213663 PRC FLR END SEC 18 (EA)	54213675 PRC FLR END SEC 30 (EA)	54215424 CIP RC END SEC 24 (EA)	54215436 CIP RC END SEC 36 (EA)	54215448 CIP RC END SEC 48 (EA)	54215454 CIP RC END SEC 54 (EA)	JT594015 SLOPED HW T III 15 (EA)	JT594018 SLOPED HW T III 18 (EA)	JT594024 SLOPED HW T III 24 (EA)	JT594030 SLOPED HW T III 30 (EA)	J1680020 HEADWALL TYPE III 36, 1:4 (EA)	54214731 PRCF END S EL EORS 36" (EA)	X5428800 CIP RC END SEC (CU YD)	50800205 REBAR (EPOXY) (LBS)	INVERT ELEVATIONS			
61	IL 173	2042+72.36	55.7' RT	-																												738.3S,
62	I-94	3979+23.19	67.0' RT	735.98				1								1																731.24N, 731.24E (EXIST.),
63	I-94	3994+44.64	8.4' RT	739.30							1																					735.14E, 735.14NE,
64	I-94	3994+59.99	0.0' RT	739.00								1																				736.24NW, 736.24E (EXIST.),
65	RAMP B	158+75.00	11.0' RT	744.38					1																							739.56W,
66	RAMP B	158+75.00	31.4' RT	-																	1											739.36W,
67**	I-94	4081+03.35	129.1' RT	716.76																												713.54W (EXIST.),
68	I-94	4050+16.32	76.9' LT	720.10				1																								714.16NW, 714.16S (EXIST.),
69	I-94	3981+54.26	70.0' RT	736.20				1																								731.87S,
70	I-94	4073+75.24	51.5' RT	742.68				1																								738.22E,
71	I-94			-										1																		737.8E,
72	RAMP A			-														1														734.41N,
TOTALS					4	6	3	6	1	0	6	1	1	11	4	2	2	4	1	3	6	1	1	2	2	4	5	230				

** MAN TA 1, 5 DIA, T8G (60221700)

SCHEDULE OF STORM SEWERS

PIPE NO.	FROM STR. NO.	TO STR. NO.	LENGTH (FEET)	DIAMETER (INCHES)	SLOPE (%)	550A0340 SS CL A TYPE 2, 12 (FOOT)	550A0360 SS CL A TYPE 2, 15 (FOOT)	550A0380 SS CL A TYPE 2, 18 (FOOT)	550A0410 SS CL A TYPE 2, 24 (FOOT)	550A1250 SS CL A TYPE 5, 15 (FOOT)	TRENCH BACKFILL (CU. YD.)
1	EX. PIPE	1	9.6	15	1.77%		9.6				0.3
2	2	62	47.9	15	0.28%		47.9				0.6
3	EX. PIPE	9	5.6	15	0.28%		5.6				0.0
4	EX. PIPE	10	9.3	15	2.24%		9.3				0.0
5	EX. PIPE	11	5.1	15	3.44%		5.1				0.0
6	EX. PIPE	12	15.5	18	1.81%			15.5			0.0
7	68	15	126.3	24	1.07%				126.3		1.6
8	EX. PIPE	16	7.4	15	2.13%		7.4				0.0
9	EX. PIPE	17	5.2	15	1.11%		5.2				0.0
10	EX. CB	19	26.4	12	6.00%	26.4					0.5
11	29	28	16.0	12	1.00%	16.0					0.2
12	30	29	32.6	12	0.44%	32.6					2.9
13	31	30	117.2	12	0.44%	117.2					14.9
14	33	32	26.7	12	1.00%	26.7					0.5
15	34	33	33.0	12	0.44%	33.0					2.6
16	35	34	66.7	12	0.44%	66.7					7.2
17	37	36	25.3	12	1.00%	25.3					1.2
18	39	38	20.2	12	1.00%	20.2					0.5
19	40	39	48.4	12	0.44%	48.4					3.9
20	42	41	20.2	12	1.00%	20.2					0.5
21	44	43	23.9	12	1.00%	23.9					1.3
22	46	45	24.5	12	1.00%	24.5					0.6
23	47	46	41.5	12	0.44%	41.5					2.4
24	50	49	14.1	12	1.00%	14.1					0.0
25	51	50	45.8	12	0.44%	45.8					4.2
26	57	56	21.5	12	0.44%	21.5					0.6
27	58	57	33.1	12	0.44%	33.1					2.9
28	59	58	19.6	12	0.44%	19.6					2.6
29	65	66	13.1	15	1.00%		13.1				0.4
30	64	63	11.9	15	0.84%				11.9		0.0
31	70	71	34.7	12	1.00%	34.7					0.6
32	69	2	177.2	15	0.28%		177.2				0.0
TOTALS						692	280	16	126	12	52.8

SCHEDULE OF PIPE CULVERTS

LOCATION	FROM STR. NO.	TO STR. NO.	LENGTH (FEET)	DIAMETER (INCHES)	SLOPE (%)	542A0223	542A1069	542A1075	542A1081	542A1093	542A1099	542A1915	542A2761	20800150
						P CUL CL A 1, 18 (FOOT)	P CUL CL A 2, 24 (FOOT)	P CUL CL A 2, 30 (FOOT)	P CUL CL A 2, 36 (FOOT)	P CUL CL A 2, 48 (FOOT)	P CUL CL A 2, 54 (FOOT)	P CUL CL A 3, 30 (FOOT)	P CUL CL A 4, 36 (FOOT)	TRENCH BACKFILL (CU. YD.)
RAMP B	3	4	148.4	36	0.89%				148.4					0.0
SB I-94	5	6	201.7	36	0.62%				201.7					0.0
NB I-94	7	8	168.3	48	0.43%					168.3				0.0
SB I-94	EXIST.	13	11.7	30	0.52%							11.7		0.0
NB I-94	EXIST.	14	7.5	30	0.52%							7.5		0.0
I-94	20	18	250.9	54	0.09%						250.9			0.0
SB I-94	EXIST.	21	25.0	24	1.02%		25.0							0.0
SB I-94	EXIST.	22	16.2	24	1.02%		16.2							0.0
SB I-94	EXIST.	23	20.9	36	0.27%				20.9					0.0
SB I-94	EXIST.	23	20.9	36	0.27%				20.9					0.0
SB I-94	EXIST.	24	13.0	36	0.27%				13.0					0.0
SB I-94	EXIST.	24	13.0	36	0.27%				13.0					0.0
NB I-94	EXIST.	25	41.7	54	0.43%						41.7			0.0
NB I-94	EXIST.	26	59.4	54	0.43%						59.4			17.8
NB I-94	EXIST.	27	32.0	48	0.35%					32.0				0.0
IL 173	48	72	359.7	36	0.28%								359.7	0.0
IL 173	52	53	21.6	18	1.78%	21.6								2.8
IL 173	54	55	15.3	18	2.80%	15.3								2.1
IL 173	61	60	114.1	30	0.24%									4.8
TOTALS						37	41	114	418	200	352	19	360	27.5

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		DRAWN - JAM	REVISED -
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	PLOT DATE = 6/20/2012	DATE - 6/19/2012	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DRAINAGE SCHEDULES

SCALE: SHEET NO. 2 OF 3 SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94	49-1-R-1	LAKE	677	216
CONTRACT NO. 60L77				
ILLINOIS FED. AID PROJECT				

S:\1101\95-CADD\60L77 IL 173\60L77 Sheets\1160L77-ht-schedule.drain.dgn

SCHEDULE OF CULVERTS TO BE CLEANED

LOCATION	FROM STATION	OFFSET	TO STATION	OFFSET	JT544030 CULV TO BE CLEANED 30" (FOOT)	X5420624 P CUL TO BE CLEANED 24" (FOOT)	X5420630 P CUL TO BE CLEANED 30" (FOOT)	X5420636 P CUL TO BE CLEANED 36" (FOOT)	X5420648 P CUL TO BE CLEANED 48" (FOOT)	X5420654 P CUL TO BE CLEANED 54" (FOOT)
I-94	4038+46	92.9' RT	4039+30	90.6' LT	201.0					
SB US 41	2004+86	113.6' RT	2010+52	58.5' RT						575
NB I-94	4081+03	125.6' RT	4081+00	76.4' LT			205			
SB I-94	14083+60	46.8' RT	14083+61	79.0' LT		125.8				
SB I-94	14086+99	51.3' RT	14086+95	83.9' LT			135.2			
SB I-94	14087+03	51.2' RT	14087+00	84.0' LT			135.2			
NB I-94	4091+12	64.1' RT	4090+18	13.2' LT						122.4
NB I-94	4098+90	53.5' LT	4098+57	80.6' RT				138.6		
SB I-94	14097+03	133.3' LT	14096+66	60.7' RT				199		
IL 173	2042+73	33.7' RT	2042+74	36.6' LT			70.4			
RAMP A	51+91	49.2' RT	51+75	37.3' RT			87.7			
TOTAL					201	126	275	358	338	697

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		DRAWN - JAM	REVISED -
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	PLOT DATE = 6/20/2012	DATE - 6/19/2012	REVISED -

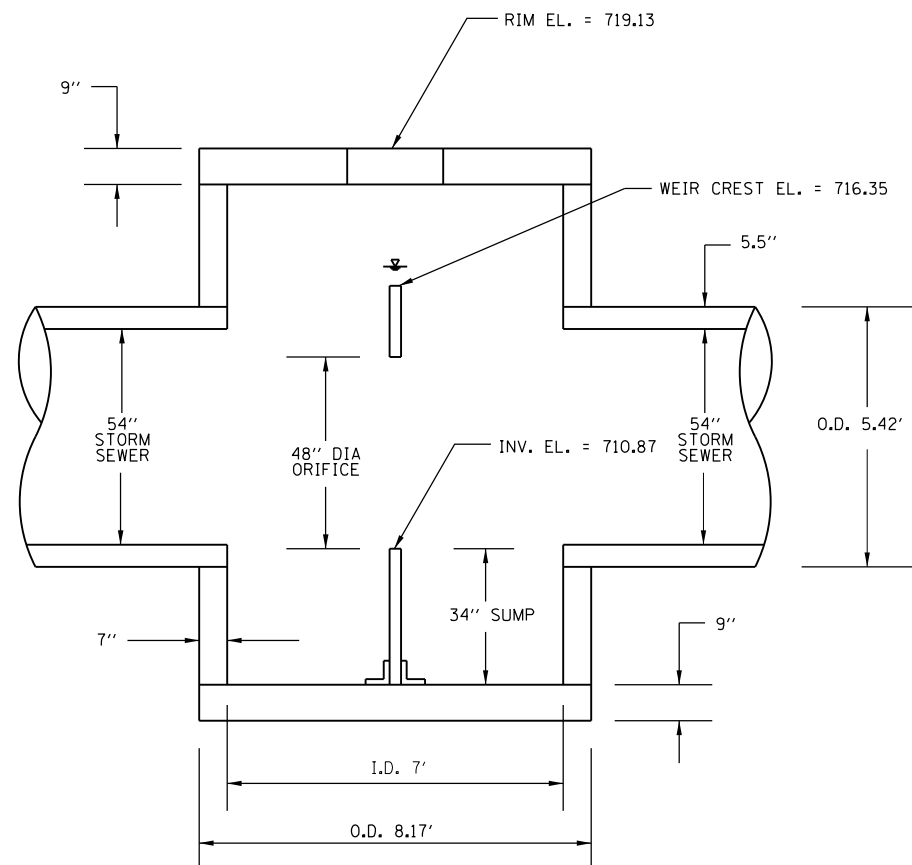
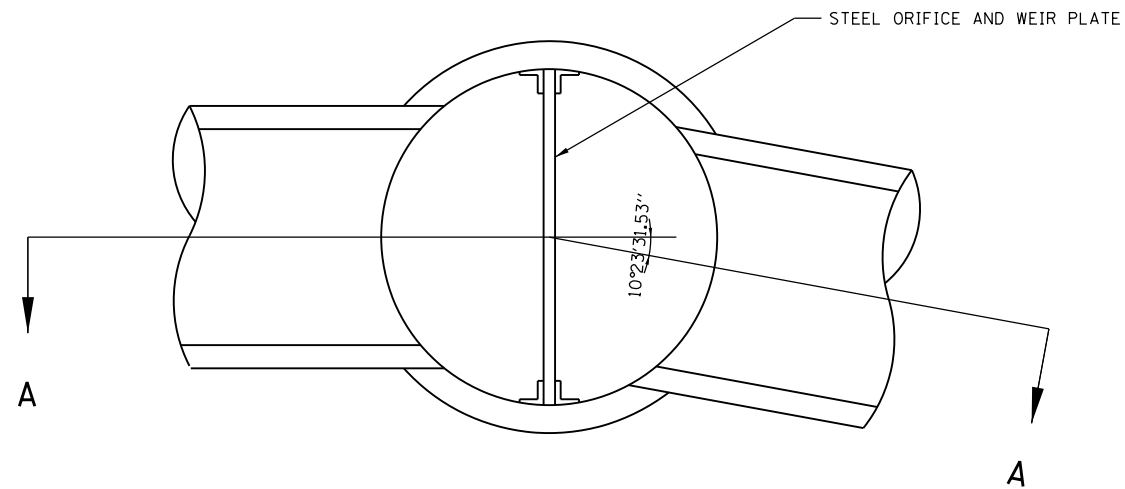
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DRAINAGE SCHEDULES

SCALE: SHEET NO. 2 OF 3 SHEETS STA. TO STA.

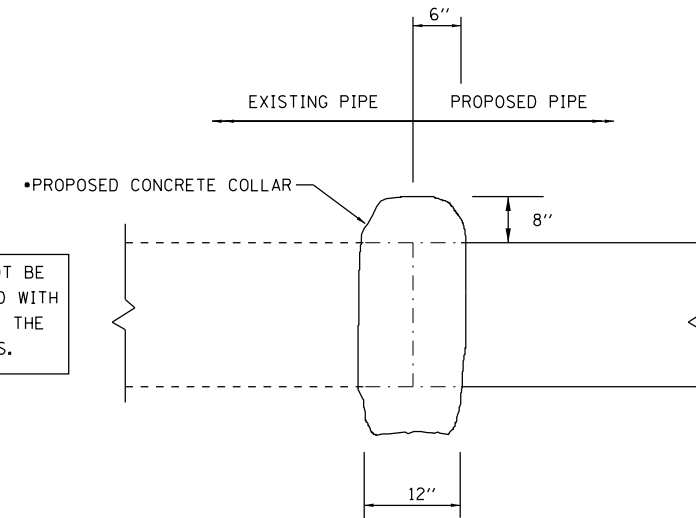
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94	49-1-R-1	LAKE	677	217
CONTRACT NO. 60L77				
ILLINOIS FED. AID PROJECT				

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SECTION A - A

PROPOSED CONTROL STRUCTURE DETAIL



• THE PROPOSED CONCRETE COLLAR WILL NOT BE PAID SEPARATELY BUT SHALL BE INCLUDED WITH THE COST OF PROPOSED PIPE CULVERT OF THE CLASS AND TYPE SPECIFIED ON THE PLANS.

CULVERT AND STORM SEWER EXTENSION CONNECTION DETAIL

N.T.S.

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FILE NAME = \$FILES\$	USER NAME = default	DESIGNED -	REVISED -
		DRAWN - JAM	REVISED -
	PLOT SCALE = H=1"=10' V=1"=5'	CHECKED - RGR	REVISED -
	PLOT DATE = 6/20/2012	DATE - 6/19/2012	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DRAINAGE DETAILS

SCALE: 1" = 2' SHEET NO. OF SHEETS STA. TO STA.

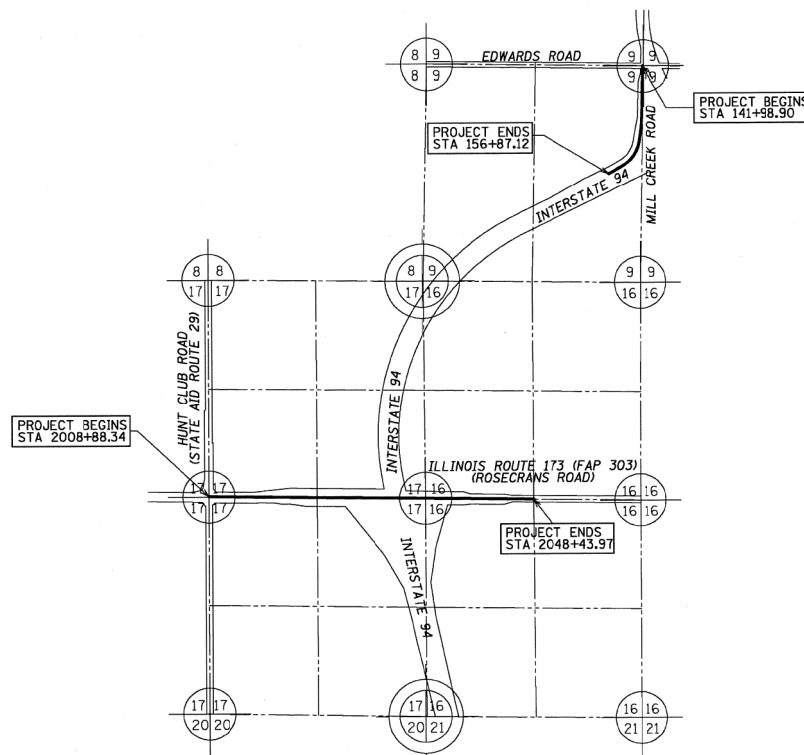
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94	49-1-R-1	LAKE	677	218
CONTRACT NO. 60L77				
ILLINOIS FED. AID PROJECT				

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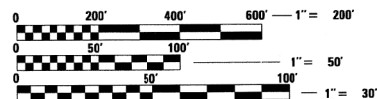
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
RIGHT OF WAY PLANS
FOR PROPOSED
FEDERAL AID HIGHWAY

ROUTE: INTERSTATE 94
SECTION: AT ILLINOIS ROUTE 173 (FAP 303) AND
PROJECT NO: MILL CREEK ROAD
JOB NO.: R-91-025-09
COUNTY: LAKE
LIMITS: 2008 + 88.34 TO 2048 + 43.97

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94	AT ILLINOIS ROUTE 173 AND MILL CREEK ROAD	LAKE	8	1
FED. ROAD DIST. NO. 1	ILLINOIS	CONTRACT NO.		



PROJECT LENGTH = 3955.63 LINEAL FEET (0.749 MILES), ILLINOIS ROUTE 173
 1488.22 LINEAL FEET (0.282 MILES), MILL CREEK ROAD



FULL SIZE PLANS HAVE BEEN PREPARED USING STANDARD ENGINEERING SCALES. REDUCED SIZED PLANS WILL NOT CONFORM TO STANDARD SCALES. IN MAKING MEASUREMENTS ON REDUCED PLANS, THE ABOVE SCALES MAY BE USED.

RECEIVED
 MAY 16 2012 pm
 PLATS & LEGALS

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS

SUBMITTED _____ 20 _____

 DISTRICT ENGINEER

EXAMINED _____ 20 _____

 DISTRICT RIGHT OF WAY PLANS ENGINEER

PASSED _____ 20 _____

 DISTRICT LAND ACQUISITION ENGINEER

REVIEWED _____ 20 _____

 CENTRAL BUREAU RIGHT OF WAY PLANS ENGINEER

APPROVED _____ 20 _____

 ENGINEER OF LAND ACQUISITION

Mackie Consultants, LLC
 9575 W. Higgins Road, Suite 500
 Rosemont, IL 60018
 (847)696-1400
 www.mackieconsult.com

FOR INFORMATION ONLY

FILE NAME = \$FILES\$	USER NAME = default	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	IL 173 PLAT OF HIGHWAYS	F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
		DRAWN -	REVISED -			94	49-1-R-1	LAKE	677	219	
	PLOT SCALE = H=1"=10' V=1"=5'	CHECKED - RGR	REVISED -			CONTRACT NO. 60L77					
	PLOT DATE = 6/18/2012	DATE - 6/19/2012	REVISED -			SCALE:	SHEET NO. 1 OF 1 SHEETS	STA.	TO STA.	ILLINOIS FED. AID PROJECT	

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PART OF THE SOUTHWEST QUARTER OF SECTION 9, PART OF THE NORTHWEST & SOUTHWEST QUARTER OF SECTION 16 AND PART OF THE NORTHEAST & SOUTHWEST QUARTER OF SECTION 17, ALL IN TWP. 46 N., R. 11 E. OF THE 3RD. P.M., IN LAKE COUNTY, ILLINOIS.

PARCEL NUMBER	OWNER	TOTAL HOLDINGS ACRES	PART TAKEN ACRES	AREA IN EXISTING R.O.W. ACRES	REMAINDER AREA ACRES	EASEMENT AREA ACRES	EASEMENT PURPOSE	PERMANENT INDEX NUMBER	PROPERTY ACQUIRED BY
1H80201	JOYCE BRANDIN	5.177	0.239	0.000	4.338			03-17-200-012	
1H80203	CHICAGO TITLE AND TRUST COMPANY, AS TRUSTEE UNDER TRUST AGREEMENT DATED THE 25TH DAY OF APRIL, 1980, KNOWN AS TRUST NUMBER 1075600	50.004	1.000	0.000	49.004			03-17-400-002 03-17-400-006	

LEGEND

SECTION CORNER: 9 10 16 15
 QUARTER CORNER: 16 15 SECTION CORNER

SECTION LINE
 QUARTER SECTION LINE
 QUARTER, QUARTER SECTION LINE
 PLATTED LOT LINES
 PROPERTY (DEED) LINE
 APL APPARENT PROPERTY LINE
 EXISTING CENTERLINE
 PROPOSED CENTERLINE
 EXISTING RIGHT OF WAY LINE
 PROPOSED RIGHT OF WAY LINE

PROPOSED EASEMENT
 129.32' MEASURED DIMENSION
 129.32' (COMP) COMPUTED DIMENSION
 (129.32') RECORDED DIMENSION
 EXISTING BUILDING

BX = BUILDING CORNER
 CONC = CONCRETE
 FES = FLARED END SECTION
 GR = GAS REGULATOR
 GV = GAS VALVE
 HMA = HOT MIX ASPHALT
 PP = POWER POLE
 PEDC = CABLE PEDESTAL
 PEDT = TELEPHONE PEDESTAL
 TRANS = TRANSFORMER

IRON PIPE OR ROD FOUND
 CUT CROSS FOUND OR SET

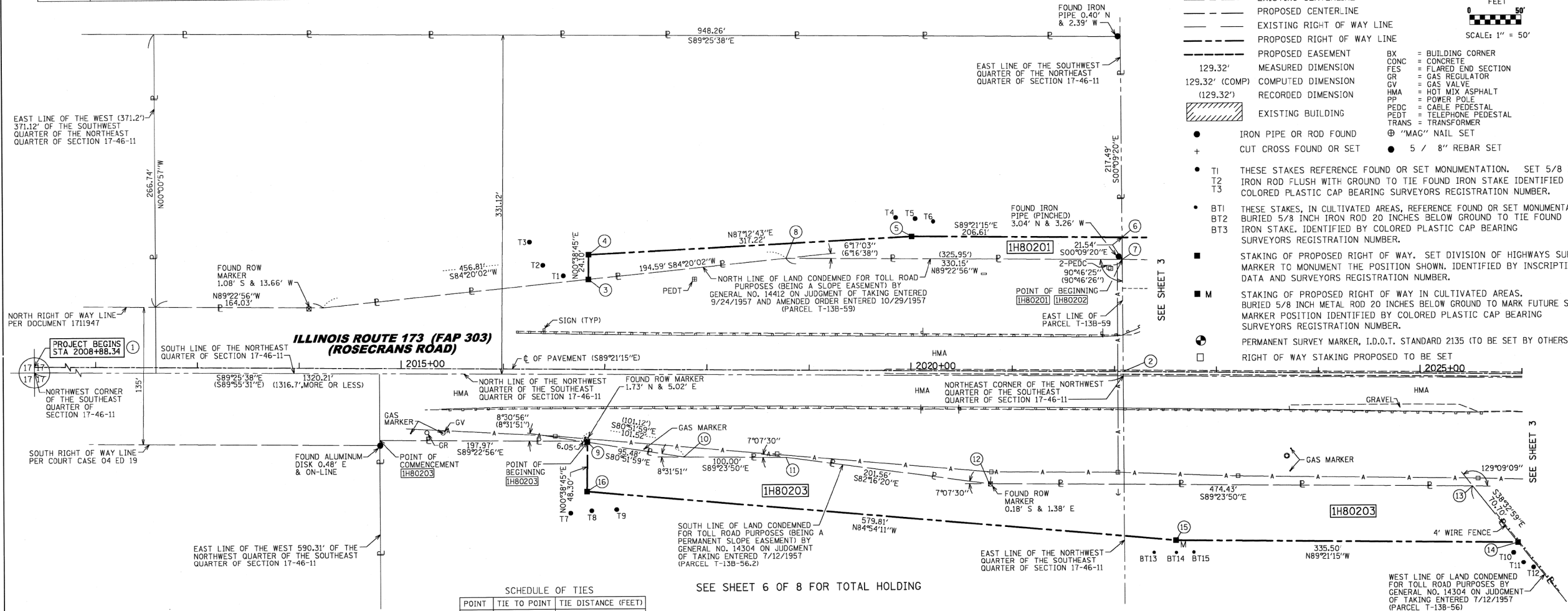
TI THESE STAKES REFERENCE FOUND OR SET MONUMENTATION. SET 5/8 INCH IRON ROD FLUSH WITH GROUND TO TIE FOUND IRON STAKE IDENTIFIED BY COLORED PLASTIC CAP BEARING SURVEYORS REGISTRATION NUMBER.
 BT1 THESE STAKES, IN CULTIVATED AREAS, REFERENCE FOUND OR SET MONUMENTATION. BURIED 5/8 INCH IRON ROD 20 INCHES BELOW GROUND TO TIE FOUND IRON STAKE. IDENTIFIED BY COLORED PLASTIC CAP BEARING SURVEYORS REGISTRATION NUMBER.
 BT2
 BT3

STAKING OF PROPOSED RIGHT OF WAY. SET DIVISION OF HIGHWAYS SURVEY MARKER TO MONUMENT THE POSITION SHOWN. IDENTIFIED BY INSCRIPTION DATA AND SURVEYORS REGISTRATION NUMBER.
 M STAKING OF PROPOSED RIGHT OF WAY IN CULTIVATED AREAS. BURIED 5/8 INCH METAL ROD 20 INCHES BELOW GROUND TO MARK FUTURE SURVEY MARKER POSITION IDENTIFIED BY COLORED PLASTIC CAP BEARING SURVEYORS REGISTRATION NUMBER.

PERMANENT SURVEY MARKER, I.D.O.T. STANDARD 2135 (TO BE SET BY OTHERS)
 RIGHT OF WAY STAKING PROPOSED TO BE SET

GRAPHIC SCALE FEET
 SCALE: 1" = 50'

DATE	BY	SDS	DAG	JDC
DRAWN	05/26/2011			
APPROVED	05/28/2011			
REVISED	04/27/2012			



COORDINATE/STATION TABLE

Point	Northing	Eastng	Station	Offset	Plan Station	Plan Offset
1	2,112,501.97	1,081,694.50	2008+88.34	0.00	L 2008+87.23	1.37
2	2,112,487.09	1,083,014.63	2022+08.55	0.00	L 2022+07.45	0.71
3	2,112,580.91	1,082,490.56	2016+83.46	87.90	L 2016+82.40	88.87
4	2,112,605.00	1,082,490.83	2016+83.46	112.00	L 2016+82.41	112.97
5	2,112,620.43	1,082,807.67	2020+00.11	131.00	L 2019+99.07	131.81
6	2,112,618.10	1,083,014.27	2022+06.72	131.00	L 2022+05.68	131.71
7	2,112,596.56	1,083,014.33	2022+07.02	109.46	L 2022+05.97	110.17
8	2,112,600.12	1,082,684.20	2018+76.87	109.30	L 2018+75.82	110.17
9	2,112,421.32	1,082,488.76	2016+83.46	71.70	R 2016+82.32	70.73
10	2,112,406.16	1,082,583.03	2017+77.89	85.79	R 2017+76.74	84.86
11	2,112,405.11	1,082,683.02	2018+77.89	85.71	R 2018+76.74	84.84
12	2,112,378.01	1,082,882.75	2020+77.91	110.56	R 2020+76.75	109.79
13	2,112,373.02	1,083,357.15	2025+52.34	110.21	R 2025+51.18	109.67
14	2,112,317.72	1,083,401.21	2025+97.02	165.00	R 2025+95.84	164.48
15	2,112,321.50	1,083,065.73	2022+61.52	165.00	R 2022+60.33	164.32
16	2,112,373.01	1,082,488.22	2016+83.46	120.00	R 2016+82.29	119.03

SCHEDULE OF TIES

POINT	TIE TO POINT	TIE DISTANCE (FEET)
3	T1	24.63
	T2	46.45
	T3	68.12
4	T1	31.95
	T2	45.59
	T3	58.91
5	T4	24.34
	T5	17.76
	T6	25.89
9	T7	71.16
	T8	67.13
	T9	71.75
14	T10	10.79
	T11	20.41
	T12	28.99
15	BT13	24.46
	BT14	11.88
	BT15	20.82
16	T7	26.29
	T8	19.24
	T9	33.79

STATE OF ILLINOIS
 COUNTY OF COOK }
 THIS IS TO CERTIFY THAT WE, MACKIE CONSULTANTS, LLC, AN ILLINOIS PROFESSIONAL DESIGN FIRM NO. 184-002694, HAVE SURVEYED THE PLAT OF HIGHWAYS SHOWN HEREON IN SECTIONS 9, 16 & 17, TOWNSHIP 46 NORTH, RANGE 11 EAST OF THE THIRD PRINCIPAL MERIDIAN, LAKE COUNTY, THAT THE SURVEY IS TRUE AND COMPLETE AS SHOWN TO THE BEST OF MY KNOWLEDGE AND BELIEF, THAT THE PLAT CORRECTLY REPRESENTS SAID SURVEY, THAT ALL MONUMENTS FOUND AND ESTABLISHED ARE OF PERMANENT QUALITY AND OCCUPY THE POSITIONS SHOWN THEREON AND THAT THE MONUMENTS ARE SUFFICIENT TO ENABLE THE SURVEY TO BE RE-TRACED, MADE FOR THE DEPARTMENT OF TRANSPORTATION, STATE OF ILLINOIS.

DATED AT ROSEMONT, ILLINOIS THIS ____ DAY OF _____, 20__ A.D.

DALE A. GRAY
 ILLINOIS PROFESSIONAL LAND SURVEYOR NO. 035-003057
 LICENSE EXPIRES: NOVEMBER 30, 2012

THIS PROFESSIONAL SERVICE CONFORMS TO THE CURRENT ILLINOIS MINIMUM STANDARDS FOR A BOUNDARY SURVEY.

RECEIVED
 MAY 16 2012
 PLATS & LEGALS

Mackie Consultants, LLC
 9575 W. Higgins Road, Suite 500
 Rosemont, IL 60018
 (847)696-1400
 www.mackieconsult.com

PLAT OF HIGHWAYS
 STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION
 INTERSTATE 94

SECTION: AT ILLINOIS ROUTE 173 COUNTY: LAKE AND MILL CREEK ROAD
 PROJECT: INTERSTATE 94 JOB NO.: R-91-025-09
 STATION: 2008+88.34 TO STATION: 2026+00
 SCALE: 1"=50' SHEET 2 OF 8

BUREAU OF LAND ACQUISITION
 201 WEST CENTER COURT
 SCHAUMBURG, ILLINOIS 60196

ROUTE NAME INTERSTATE 94 SECTION: AT ILLINOIS ROUTE 173 AND MILL CREEK ROAD LAKE COUNTY JOB NO.: R-91-025-09 RECORDING: RECORDED ON

FOR INFORMATION ONLY

FILE NAME	USER NAME	DESIGNED	REVISION	F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
\$FILES\$	default	-	-	94	49-1-R-1	LAKE	677	220
		DRAWN	REVISION	CONTRACT NO. 60L77				
		CHECKED - RGR	REVISION	ILLINOIS FED. AID PROJECT				
		DATE - 6/19/2012	REVISION					

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

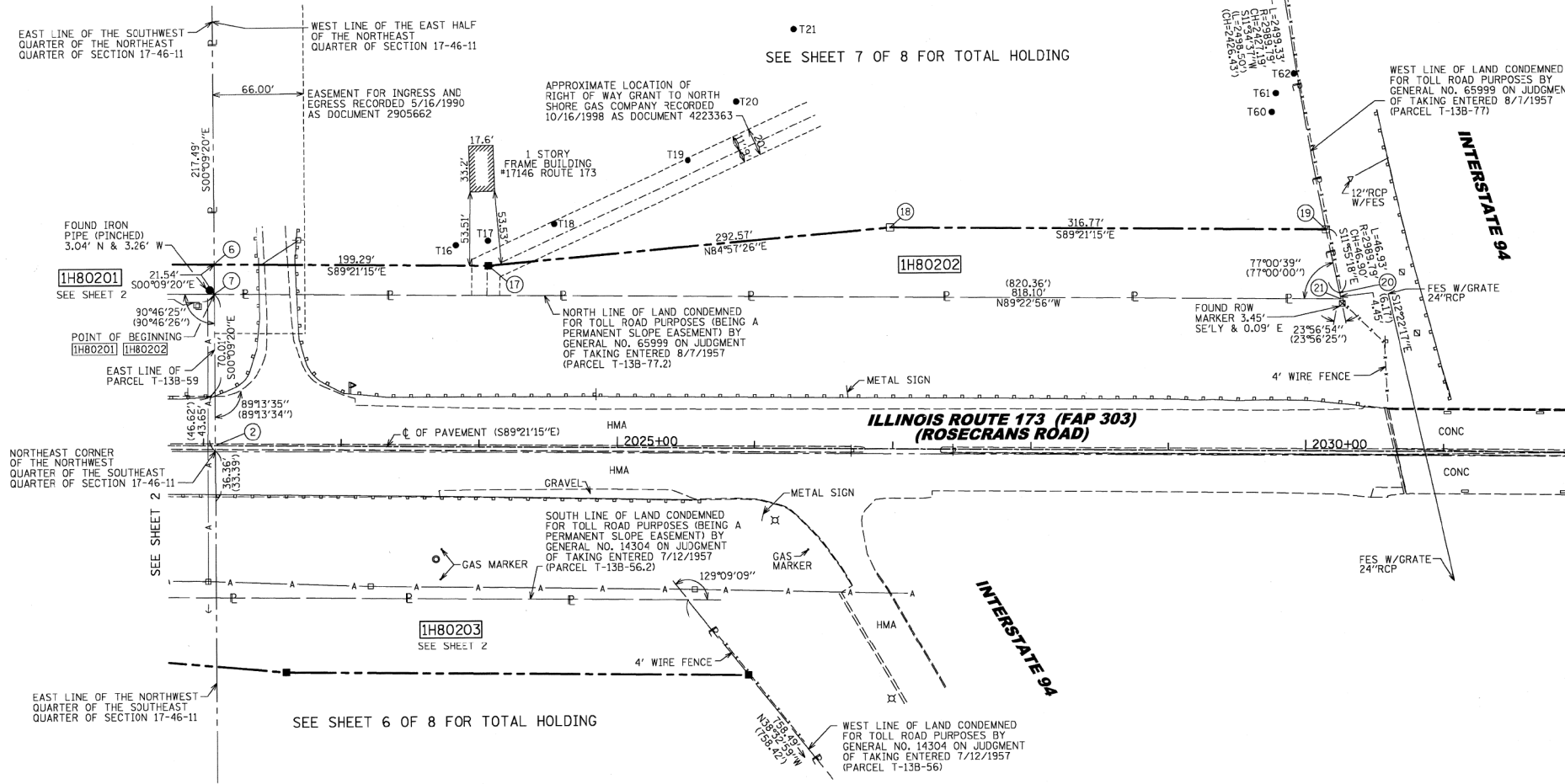
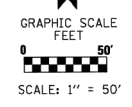
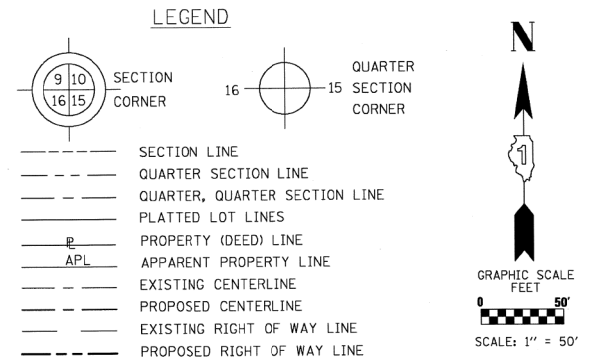
IL 173 PLAT OF HIGHWAYS

SCALE: SHEET NO. 2 OF 9 SHEETS STA. TO STA.

S:\1101\95-CADD\60L77-IL-173\60L77-Sheets\160L77-shr-r-repland.dgn

PART OF THE SOUTHWEST QUARTER OF SECTION 9, PART OF THE NORTHWEST & SOUTHWEST QUARTER OF SECTION 16 AND PART OF THE NORTHEAST & SOUTHWEST QUARTER OF SECTION 17, ALL IN TWP. 46 N., R. 11 E. OF THE 3RD. P.M., IN LAKE COUNTY, ILLINOIS.

PARCEL NUMBER	OWNER	TOTAL HOLDINGS ACRES	PART TAKEN ACRES	AREA IN EXISTING R.O.W ACRES	REMAINDER AREA ACRES	EASEMENT AREA ACRES	EASEMENT PURPOSE	PERMANENT INDEX NUMBER	PROPERTY ACQUIRED BY
1H80202	FIRST MIDWEST BANK FKA MCHENRY STATE BANK, AS TRUSTEE UNDER TRUST AGREEMENT DATED THE 7TH DAY OF MAY, 1990, KNOWN AS TRUST NUMBER 4949	48.075	0.710	0.000	47.365			03-17-200-014	



DATE	BY	SDS	DAG	JDC
DRAWN 05/28/2011	SDS			
APPROVED 05/28/2011	DAG			
REVISED 04/27/2012	JDC			

- IRON PIPE OR ROD FOUND
- + CUT CROSS FOUND OR SET
- TI, T2, T3 THESE STAKES REFERENCE FOUND OR SET MONUMENTATION. SET 5/8 INCH IRON ROD FLUSH WITH GROUND TO TIE FOUND IRON STAKE IDENTIFIED BY COLORED PLASTIC CAP BEARING SURVEYORS REGISTRATION NUMBER.
- BT1, BT2, BT3 THESE STAKES, IN CULTIVATED AREAS, REFERENCE FOUND OR SET MONUMENTATION. BURIED 5/8 INCH IRON ROD 20 INCHES BELOW GROUND TO TIE FOUND IRON STAKE. IDENTIFIED BY COLORED PLASTIC CAP BEARING SURVEYORS REGISTRATION NUMBER.
- STAKING OF PROPOSED RIGHT OF WAY. SET DIVISION OF HIGHWAYS SURVEY MARKER TO MONUMENT THE POSITION SHOWN. IDENTIFIED BY INSCRIPTION DATA AND SURVEYORS REGISTRATION NUMBER.
- M STAKING OF PROPOSED RIGHT OF WAY IN CULTIVATED AREAS. BURIED 5/8 INCH METAL ROD 20 INCHES BELOW GROUND TO MARK FUTURE SURVEY MARKER POSITION IDENTIFIED BY COLORED PLASTIC CAP BEARING SURVEYORS REGISTRATION NUMBER.
- PERMANENT SURVEY MARKER, I.D.O.T. STANDARD 2135 (TO BE SET BY OTHERS)
- RIGHT OF WAY STAKING PROPOSED TO BE SET (AREA UNDER WATER)

STATE OF ILLINOIS)
 COUNTY OF COOK)

THIS IS TO CERTIFY THAT WE, MACKIE CONSULTANTS, LLC, AN ILLINOIS PROFESSIONAL DESIGN FIRM NO. 184-002694, HAVE SURVEYED THE PLAT OF HIGHWAYS SHOWN HEREON IN SECTIONS 9, 16 & 17, TOWNSHIP 46 NORTH, RANGE 11 EAST OF THE THIRD PRINCIPAL MERIDIAN, LAKE COUNTY, THAT THE SURVEY IS TRUE AND COMPLETE AS SHOWN TO THE BEST OF MY KNOWLEDGE AND BELIEF, THAT THE PLAT CORRECTLY REPRESENTS SAID SURVEY, THAT ALL MONUMENTS FOUND AND ESTABLISHED ARE OF PERMANENT QUALITY AND OCCUPY THE POSITIONS SHOWN THEREON AND THAT THE MONUMENTS ARE SUFFICIENT TO ENABLE THE SURVEY TO BE RETRACED, MADE FOR THE DEPARTMENT OF TRANSPORTATION, STATE OF ILLINOIS.

DATED AT ROSEMONT, ILLINOIS THIS _____ DAY OF _____, 20____ A.D.

DALE A. GRAY
 ILLINOIS PROFESSIONAL LAND SURVEYOR NO. 035-003057
 LICENSE EXPIRES: NOVEMBER 30, 2012

THIS PROFESSIONAL SERVICE CONFORMS TO THE CURRENT ILLINOIS MINIMUM STANDARDS FOR A BOUNDARY SURVEY.

RECEIVED
 MAY 16 2012
 PLATS & LEGALS

PLAT OF HIGHWAYS
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
INTERSTATE 94

SECTION: AT ILLINOIS ROUTE 173 COUNTY: LAKE AND MILL CREEK ROAD
 PROJECT: INTERSTATE 94 JOB NO.: R-91-025-09
 STATION: 2022+00 TO STATION: 2032+00
 SCALE: 1"=50' SHEET 3 OF 8

BUREAU OF LAND ACQUISITION
 201 WEST CENTER COURT
 SCHAUMBURG, ILLINOIS 60196

COORDINATE/STATION TABLE

Point	Northing	Easting	Station	Offset	Plan Station	Plan Offset
2	2,112,487.09	1,083,014.63	2022+08.55	0.00	L 2022+07.45	0.71
6	2,112,618.10	1,083,014.27	2022+06.72	131.00	L 2022+05.68	131.71
7	2,112,596.56	1,083,014.33	2022+07.02	109.46	L 2022+05.97	110.17
17	2,112,615.86	1,083,213.55	2024+06.01	131.00	L 2024+04.97	131.61
18	2,112,641.57	1,083,504.99	2026+97.14	160.00	L 2026+96.11	160.47
19	2,112,638.00	1,083,821.74	2030+13.91	160.00	L 2030+12.88	160.31
20	2,112,592.08	1,083,831.43	2030+24.12	114.19	L 2030+23.07	114.50
21	2,112,587.74	1,083,832.38	2030+25.12	109.86	L 2030+24.07	110.16

SCHEDULE OF TIES

POINT	TIE TO POINT	TIE DISTANCE (FEET)
17	T16	28.20
	T17	18.16
	T18	56.36
18	T19	154.47
	T20	143.85
	T21	159.56
19	T60	93.50
	T61	105.02
	T62	115.02

NOTES:
 1) BEARINGS SHOWN HEREON ARE BASED ON ILLINOIS STATE PLANE COORDINATE SYSTEM EAST ZONE, NAD 83.
 2) COORDINATES SHOWN ARE PROJECT (GROUND).
 3) ALL DISTANCES SHOWN ARE GROUND.
 4) THE COMBINED FACTOR USED FOR THIS PROJECT IS 0.999951240.
 5) TO CONVERT PROJECT COORDINATES TO STATE PLANE COORDINATES: TAKE PROJECT NORTHING AND EASTING, MULTIPLY BY THE COMBINED FACTOR.

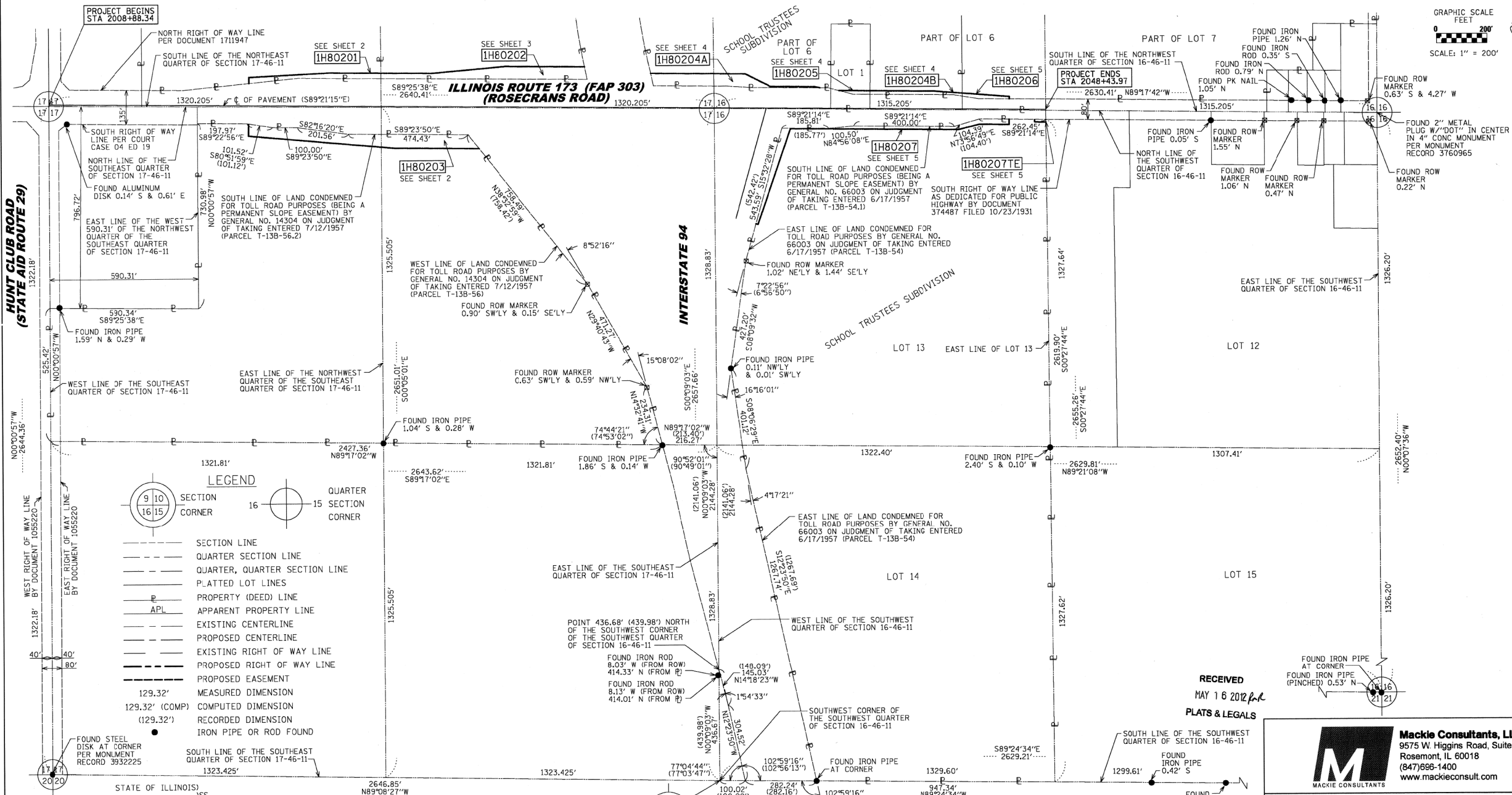
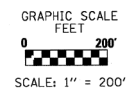
ROUTE NAME INTERSTATE 94 SECTION: AT ILLINOIS ROUTE 173 AND MILL CREEK ROAD LAKE COUNTY JOB NO.: R-91-025-09 RECORDING: RECORDED ON

REVISION DATE: REVISION MADE BY

FOR INFORMATION ONLY

FILE NAME = \$FILES\$	USER NAME = default	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	IL 173 PLAT OF HIGHWAYS	F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
		DRAWN -	REVISED -			94	49-1-R-1	LAKE	677	221	
		CHECKED - RGR	REVISED -			CONTRACT NO. 60L77					
		DATE - 6/19/2012	REVISED -			SCALE:	SHEET NO. 3 OF 9 SHEETS	STA. TO STA.	ILLINOIS FED. AID PROJECT		

PART OF THE SOUTHWEST QUARTER OF SECTION 9, PART OF THE NORTHWEST & SOUTHWEST QUARTER OF SECTION 16 AND PART OF THE NORTHEAST & SOUTHWEST QUARTER OF SECTION 17, ALL IN TWP. 46 N., R. 11 E. OF THE 3RD. P.M., IN LAKE COUNTY, ILLINOIS.



DATE	BY
06/26/2011	SDS
08/26/2011	DAG
04/27/2012	JDC
DRAWN	APPROVED
REVIS	REVIS

LEGEND

	SECTION CORNER		QUARTER CORNER
---	SECTION LINE	---	QUARTER SECTION LINE
---	QUARTER SECTION LINE	---	QUARTER, QUARTER SECTION LINE
---	PLATTED LOT LINES	---	PROPERTY (DEED) LINE
---	PROPERTY (DEED) LINE	---	APL APPARENT PROPERTY LINE
---	EXISTING CENTERLINE	---	PROPOSED CENTERLINE
---	PROPOSED CENTERLINE	---	EXISTING RIGHT OF WAY LINE
---	EXISTING RIGHT OF WAY LINE	---	PROPOSED RIGHT OF WAY LINE
---	PROPOSED RIGHT OF WAY LINE	---	PROPOSED EASEMENT
---	MEASURED DIMENSION	---	COMPUTED DIMENSION
---	COMPUTED DIMENSION	---	RECORDED DIMENSION
---	RECORDED DIMENSION	---	IRON PIPE OR ROD FOUND

STATE OF ILLINOIS)
 COUNTY OF COOK)

THIS IS TO CERTIFY THAT WE, MACKIE CONSULTANTS, LLC, AN ILLINOIS PROFESSIONAL DESIGN FIRM NO. 184-002694, HAVE SURVEYED THE PLAT OF HIGHWAYS SHOWN HEREON IN SECTIONS 9, 16 & 17, TOWNSHIP 46 NORTH, RANGE 11 EAST OF THE THIRD PRINCIPAL MERIDIAN, LAKE COUNTY, THAT THE SURVEY IS TRUE AND COMPLETE AS SHOWN TO THE BEST OF MY KNOWLEDGE AND BELIEF, THAT THE PLAT CORRECTLY REPRESENTS SAID SURVEY, THAT ALL MONUMENTS FOUND AND ESTABLISHED ARE OF PERMANENT QUALITY AND OCCUPY THE POSITIONS SHOWN THEREON AND THAT THE MONUMENTS ARE SUFFICIENT TO ENABLE THE SURVEY TO BE RETRACED, MADE FOR THE DEPARTMENT OF TRANSPORTATION, STATE OF ILLINOIS.

DATED AT ROSEMONT, ILLINOIS THIS ____ DAY OF _____, 20__ A.D.

DALE A. GRAY
 ILLINOIS PROFESSIONAL LAND SURVEYOR NO. 035-003057
 LICENSE EXPIRES: NOVEMBER 30, 2012

THIS PROFESSIONAL SERVICE CONFORMS TO THE CURRENT ILLINOIS MINIMUM STANDARDS FOR A BOUNDARY SURVEY.

RECEIVED
 MAY 16 2012 P.M.
 PLATS & LEGALS

Mackie Consultants, LLC
 9575 W Higgins Road, Suite 500
 Rosemont, IL 60018
 (847) 686-1400
 www.mackieconsult.com

PLAT OF HIGHWAYS
 STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION
 INTERSTATE 94

SECTION: AT ILLINOIS ROUTE 173 COUNTY: LAKE AND MILL CREEK ROAD

PROJECT: INTERSTATE 94 JOB NO.: R-91-025-09
 STATION: 2008+88.34 TO STATION: 2048+43.97
 SCALE: 1"= 200' SHEET 6 OF 8

BUREAU OF LAND ACQUISITION
 201 WEST CENTER COURT
 SCHAUMBURG, ILLINOIS 60196

- NOTES:
- 1) BEARINGS SHOWN HEREON ARE BASED ON ILLINOIS STATE PLANE COORDINATE SYSTEM EAST ZONE, NAD 83.
 - 2) COORDINATES SHOWN ARE PROJECT (GROUND).
 - 3) ALL DISTANCES SHOWN ARE GROUND.
 - 4) THE COMBINED FACTOR USED FOR THIS PROJECT IS 0.999951240.
 - 5) TO CONVERT PROJECT COORDINATES TO STATE PLANE COORDINATES, TAKE PROJECT NORTHING AND EASTING, MULTIPLY BY THE COMBINED FACTOR.

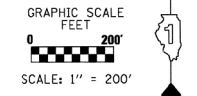
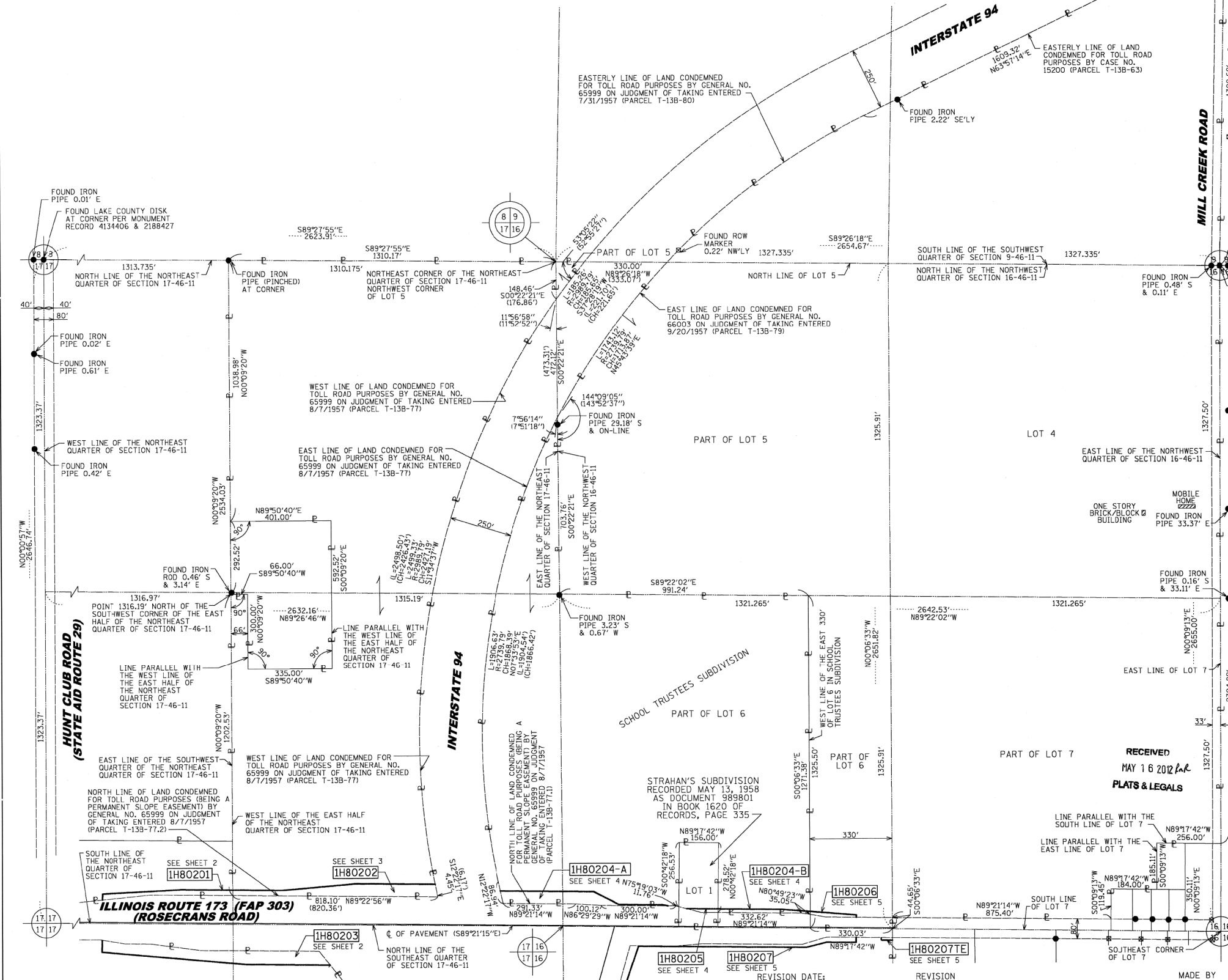
ROUTE NAME INTERSTATE 94 SECTION: AT ILLINOIS ROUTE 173 AND MILL CREEK ROAD LAKE COUNTY JOB NO.: R-91-025-09 RECORDING: RECORDED ON

FILE NAME = \$FILES\$	USER NAME = default	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	IL 173 PLAT OF HIGHWAYS	F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
		DRAWN -	REVISED -			94	49-1-R-1	LAKE	677	224	
		CHECKED - RGR	REVISED -			CONTRACT NO. 60L77					
		DATE - 6/19/2012	REVISED -			ILLINOIS FED. AID PROJECT					
				SCALE:	SHEET NO. 6 OF 9 SHEETS	STA.	TO STA.				

FOR INFORMATION ONLY

S:\1101\95-CADD\60L77-IL-173\60L77-Sheets\0160L77-INT-1-1-1.dwg

PART OF THE SOUTHWEST QUARTER OF SECTION 9, PART OF THE NORTHWEST & SOUTHWEST QUARTER OF SECTION 16 AND PART OF THE NORTHEAST & SOUTHWEST QUARTER OF SECTION 17, ALL IN TWP. 46 N., R. 11 E. OF THE 3RD. P.M., IN LAKE COUNTY, ILLINOIS.



LEGEND

	SECTION LINE
	QUARTER SECTION LINE
	QUARTER, QUARTER SECTION LINE
	PLATTED LOT LINES
	PROPERTY (DEED) LINE
	APPARENT PROPERTY LINE
	EXISTING CENTERLINE
	PROPOSED CENTERLINE
	EXISTING RIGHT OF WAY LINE
	PROPOSED RIGHT OF WAY LINE
	PROPOSED EASEMENT
	MEASURED DIMENSION
	COMPUTED DIMENSION
	RECORDED DIMENSION
	IRON PIPE OR ROD FOUND

DATE	BY
05/26/2011	SDS
05/26/2011	DAG
06/07/2012	DAG
06/07/2012	DAG
06/07/2012	DAG
06/07/2012	DAG
06/07/2012	DAG
06/07/2012	DAG
06/07/2012	DAG

STATE OF ILLINOIS
COUNTY OF COOK)SS

THIS IS TO CERTIFY THAT WE, MACKIE CONSULTANTS, LLC, AN ILLINOIS PROFESSIONAL DESIGN FIRM NO. 184-002694, HAVE SURVEYED THE PLAT OF HIGHWAYS SHOWN HEREON IN SECTIONS 9, 16 & 17, TOWNSHIP 46 NORTH, RANGE 11 EAST OF THE THIRD PRINCIPAL MERIDIAN, LAKE COUNTY, THAT THE SURVEY IS TRUE AND COMPLETE AS SHOWN TO THE BEST OF MY KNOWLEDGE AND BELIEF, THAT THE PLAT CORRECTLY REPRESENTS SAID SURVEY, THAT ALL MONUMENTS FOUND AND ESTABLISHED ARE OF PERMANENT QUALITY AND OCCUPY THE POSITIONS SHOWN THEREON AND THAT THE MONUMENTS ARE SUFFICIENT TO ENABLE THE SURVEY TO BE RETRACED, MADE FOR THE DEPARTMENT OF TRANSPORTATION, STATE OF ILLINOIS.

DATED AT ROSEMONT, ILLINOIS THIS ____ DAY OF _____, 20__ A.D.

DALE A. GRAY
ILLINOIS PROFESSIONAL LAND SURVEYOR NO. 035-003057
LICENSE EXPIRES: NOVEMBER 30, 2012

THIS PROFESSIONAL SERVICE CONFORMS TO THE CURRENT ILLINOIS MINIMUM STANDARDS FOR A BOUNDARY SURVEY.

Mackie Consultants, LLC
9575 W. Higgins Road, Suite 500
Rosemont, IL 60018
(847)656-1400
www.mackieconsult.com

PLAT OF HIGHWAYS
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
INTERSTATE 94

SECTION: AT ILLINOIS ROUTE 173 COUNTY: LAKE
AND MILL CREEK ROAD

PROJECT: INTERSTATE 94 JOB NO.: R-91-025-09
STATION: N/A TO STATION: N/A
SCALE: 1"= 200' SHEET 7 OF 8

BUREAU OF LAND ACQUISITION
201 WEST CENTER COURT
SCHAUMBURG, ILLINOIS 60196

ROUTE NAME INTERSTATE 94 SECTION: AT ILLINOIS ROUTE 173 AND MILL CREEK ROAD LAKE COUNTY JOB NO.: R-91-025-09 RECORDING: RECORDED ON

FOR INFORMATION ONLY

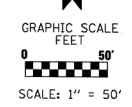
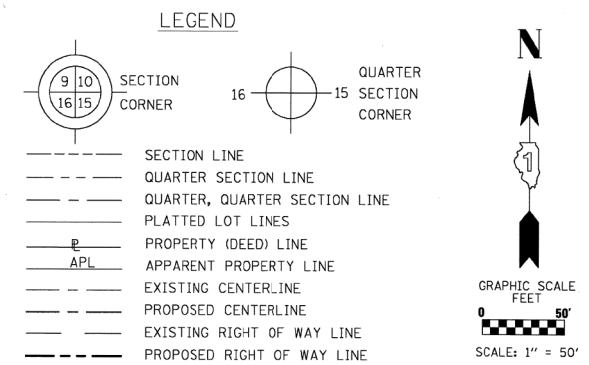
FILE NAME = #FILES#	USER NAME = default	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	IL 173 PLAT OF HIGHWAYS	F.A. RTÉ.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
		DRAWN -	REVISED -			94	49-1-R-1	LAKE	677	225	
		CHECKED - RGR	REVISED -			CONTRACT NO. 60L77					
		DATE - 6/19/2012	REVISED -			ILLINOIS FED. AID PROJECT					
				SCALE:	SHEET NO. 7 OF 9 SHEETS	STA.	TO STA.				

PART OF THE SOUTHWEST QUARTER OF SECTION 9, PART OF THE NORTHWEST & SOUTHWEST QUARTER OF SECTION 16 AND PART OF THE NORTHEAST & SOUTHWEST QUARTER OF SECTION 17, ALL IN TWP. 46 N., R. 11 E. OF THE 3RD. P.M., IN LAKE COUNTY, ILLINOIS.

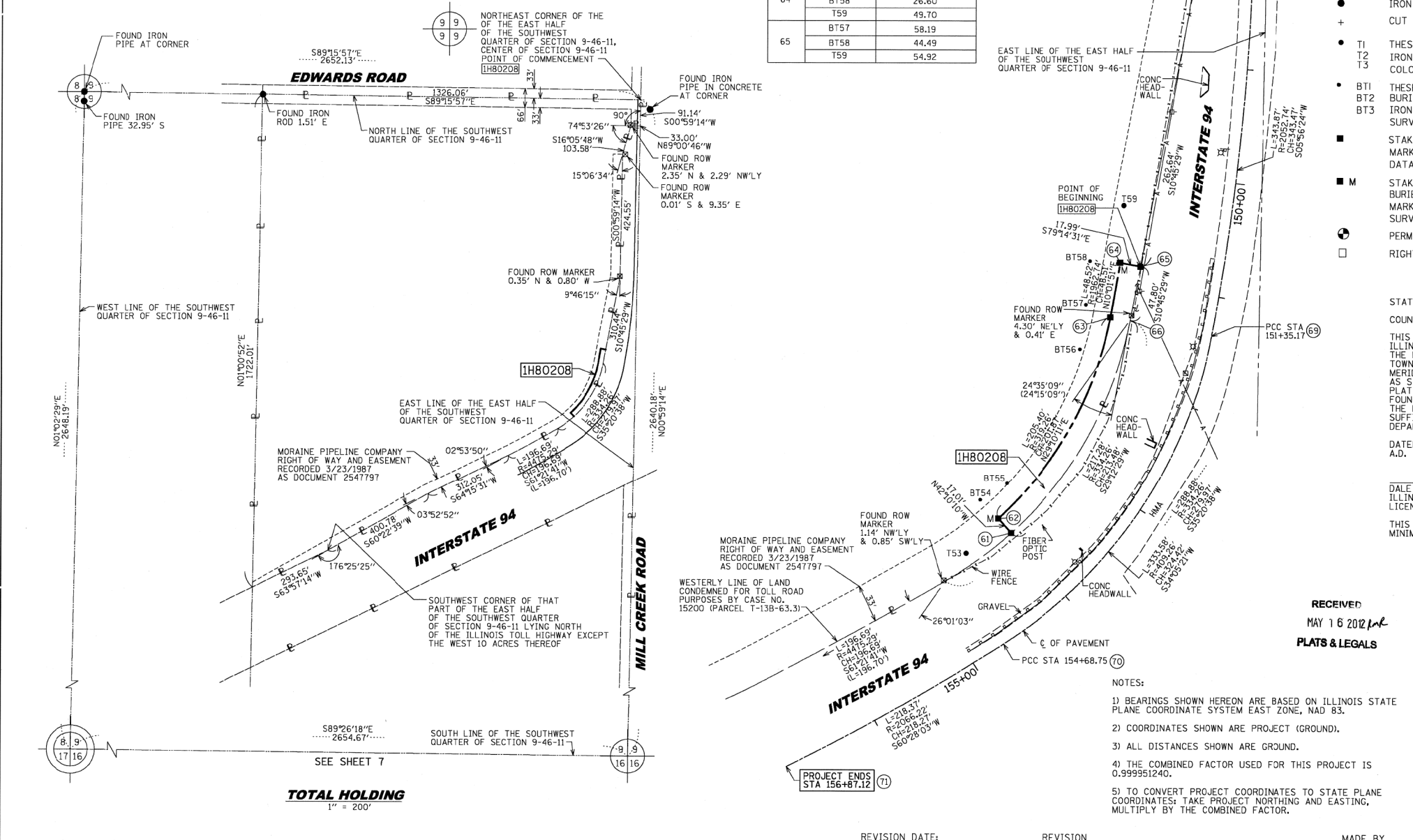
PARCEL NUMBER	OWNER	TOTAL HOLDINGS ACRES	PART TAKEN ACRES	AREA IN EXISTING R.O.W. ACRES	REMAINDER AREA ACRES	EASEMENT AREA ACRES	EASEMENT PURPOSE	PERMANENT INDEX NUMBER	PROPERTY ACQUIRED BY
1H80208	YVONNE LIN, LINDA S. HSU AND WU-HSIUNG HSU, EACH TO AN UNDIVIDED 33-1/3 INTEREST	39.833	0.103	0.000	39.730			03-09-300-005	

Point	Northing	Eastng	Station	Offset	Plan Station	Plan Offset
61	2,116,626.23	1,086,784.87	153+98.55	72.99	R 179+97.80	58.83
62	2,116,638.84	1,086,773.45	153+98.47	90.00	R 179+98.54	75.83
63	2,116,815.11	1,086,871.85	151+35.17	90.00	R 182+40.49	86.15
64	2,116,862.88	1,086,880.30	150+84.43	90.00	R 182+98.97	90.48
65	2,116,859.53	1,086,897.97	150+84.89	72.02	R 182+99.37	72.50
66	2,116,812.57	1,086,889.05	151+34.43	72.63	R 182+43.99	69.02
67	2,117,732.24	1,087,007.61	141+98.90	0.00	N/A	N/A
68	2,117,139.97	1,086,995.81	147+91.30	0.00	N/A	N/A
69	2,116,798.34	1,086,960.27	151+35.17	0.00	R 182+52.46	3.18
70	2,116,529.67	1,086,778.44	154+68.75	0.00	R 179+27.00	10.78
71	2,116,422.08	1,086,588.52	156+87.12	0.00	R 177+10.28	12.99

POINT	TIE TO POINT	TIE DISTANCE (FEET)
	T53	43.21
61	BT54	39.73
	BT55	43.71
	T53	41.28
62	BT54	22.72
	BT55	31.92
	BT56	38.95
63	BT57	24.28
	BT58	52.37
	BT57	47.40
64	BT58	26.60
	T59	49.70
	BT57	58.19
65	BT58	44.49
	T59	54.92



DATE	BY	SDS	DAG	JDC
DRAWN	06/26/2011			
APPROVED	05/26/2011			
REVISED	04/21/2012			



- IRON PIPE OR ROD FOUND
- + CUT CROSS FOUND OR SET
- T1, T2, T3 THESE STAKES REFERENCE FOUND OR SET MONUMENTATION. SET 5/8 INCH IRON ROD FLUSH WITH GROUND TO TIE FOUND IRON STAKE IDENTIFIED BY COLORED PLASTIC CAP BEARING SURVEYORS REGISTRATION NUMBER.
- BT1, BT2, BT3 THESE STAKES, IN CULTIVATED AREAS, REFERENCE FOUND OR SET MONUMENTATION. BURIED 5/8 INCH IRON ROD 20 INCHES BELOW GROUND TO TIE FOUND IRON STAKE. IDENTIFIED BY COLORED PLASTIC CAP BEARING SURVEYORS REGISTRATION NUMBER.
- STAKING OF PROPOSED RIGHT OF WAY. SET DIVISION OF HIGHWAYS SURVEY MARKER TO MONUMENT THE POSITION SHOWN. IDENTIFIED BY INSCRIPTION DATA AND SURVEYORS REGISTRATION NUMBER.
- M STAKING OF PROPOSED RIGHT OF WAY IN CULTIVATED AREAS. BURIED 5/8 INCH METAL ROD 20 INCHES BELOW GROUND TO MARK FUTURE SURVEY MARKER POSITION IDENTIFIED BY COLORED PLASTIC CAP BEARING SURVEYORS REGISTRATION NUMBER.
- PERMANENT SURVEY MARKER, I.D.O.T. STANDARD 2135 (TO BE SET BY OTHERS)
- RIGHT OF WAY STAKING PROPOSED TO BE SET

STATE OF ILLINOIS)
 COUNTY OF COOK)

THIS IS TO CERTIFY THAT WE, MACKIE CONSULTANTS, LLC, AN ILLINOIS PROFESSIONAL DESIGN FIRM NO. 184-002694, HAVE SURVEYED THE PLAT OF HIGHWAYS SHOWN HEREON IN SECTIONS 9, 16 & 17, TOWNSHIP 46 NORTH, RANGE 11 EAST OF THE THIRD PRINCIPAL MERIDIAN, LAKE COUNTY, THAT THE SURVEY IS TRUE AND COMPLETE AS SHOWN TO THE BEST OF MY KNOWLEDGE AND BELIEF, THAT THE PLAT CORRECTLY REPRESENTS SAID SURVEY, THAT ALL MONUMENTS FOUND AND ESTABLISHED ARE OF PERMANENT QUALITY AND OCCUPY THE POSITIONS SHOWN THEREON AND THAT THE MONUMENTS ARE SUFFICIENT TO ENABLE THE SURVEY TO BE RETRACED, MADE FOR THE DEPARTMENT OF TRANSPORTATION, STATE OF ILLINOIS.

DATED AT ROSEMONT, ILLINOIS THIS ____ DAY OF _____, 20__ A.D.

DALE A. GRAY
 ILLINOIS PROFESSIONAL LAND SURVEYOR NO. 035-003057
 LICENSE EXPIRES: NOVEMBER 30, 2012

THIS PROFESSIONAL SERVICE CONFORMS TO THE CURRENT ILLINOIS MINIMUM STANDARDS FOR A BOUNDARY SURVEY.

Mackie Consultants, LLC
 9575 W. Higgins Road, Suite 500
 Rosemont, IL 60018
 (847)666-1400
 www.mackieconsult.com

PLAT OF HIGHWAYS
 STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION
 INTERSTATE 94

SECTION: AT ILLINOIS ROUTE 173 COUNTY: LAKE AND MILL CREEK ROAD
 PROJECT: INTERSTATE 94 JOB NO.: R-91-025-09
 STATION: 141+98.90 TO STATION: 156+87.12
 SCALE: 1"= 50' SHEET 8 OF 8

BUREAU OF LAND ACQUISITION
 201 WEST CENTER COURT
 SCHAUMBURG, ILLINOIS 60196

- NOTES:
- 1) BEARINGS SHOWN HEREON ARE BASED ON ILLINOIS STATE PLANE COORDINATE SYSTEM EAST ZONE, NAD 83.
 - 2) COORDINATES SHOWN ARE PROJECT (GROUND).
 - 3) ALL DISTANCES SHOWN ARE GROUND.
 - 4) THE COMBINED FACTOR USED FOR THIS PROJECT IS 0.999951240.
 - 5) TO CONVERT PROJECT COORDINATES TO STATE PLANE COORDINATES: TAKE PROJECT NORTING AND EASTING, MULTIPLY BY THE COMBINED FACTOR.



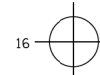

































ROUTE NAME INTERSTATE 94 SECTION: AT ILLINOIS ROUTE 173 AND MILL CREEK ROAD LAKE COUNTY JOB NO.: R-91-025-09 RECORDING: RECORDED ON

FOR INFORMATION ONLY

FILE NAME = \$FILES\$	USER NAME = default	DESIGNED -	REVISION -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	IL 173 PLAT OF HIGHWAYS	F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
		DRAWN -	REVISION -			94	49-1-R-1	LAKE	677	226	
		CHECKED - RGR	REVISION -			CONTRACT NO. 60L77					
		DATE - 6/19/2012	REVISION -			SCALE:	SHEET NO. 8 OF 9 SHEETS	STA.	TO STA.	ILLINOIS FED. AID PROJECT	

PART OF THE SOUTHWEST QUARTER OF SECTION 9, PART OF THE NORTHWEST & SOUTHWEST QUARTER OF SECTION 16 AND PART OF THE NORTHEAST & SOUTHWEST QUARTER OF SECTION 17, ALL IN TWP. 46 N., R. 11 E. OF THE 3RD. P.M., IN LAKE COUNTY, ILLINOIS.

LEGEND

- 
-  SECTION CORNER
 -  QUARTER SECTION CORNER
 -  SECTION LINE
 -  QUARTER SECTION LINE
 -  PLATTED LOT LINES
 -  PROPERTY (DEED) LINE
 -  APPARENT PROPERTY LINE
 -  EXISTING CENTERLINE
 -  PROPOSED CENTERLINE
 -  EXISTING RIGHT OF WAY LINE
 -  PROPOSED RIGHT OF WAY LINE
 -  PROPOSED EASEMENT
 -  129.32' MEASURED DIMENSION
 -  129.32' (COMP) COMPUTED DIMENSION
 -  (129.32') RECORDED DIMENSION
 -  EXISTING BUILDING
 -  BX = BUILDING CORNER
 -  CONC = CONCRETE
 -  FES = FLARED END SECTION
 -  GR = GAS REGULATOR
 -  GV = GAS VALVE
 -  HMA = HOT MIX ASPHALT
 -  PP = POWER POLE
 -  PEDC = CABLE PEDESTAL
 -  PEDT = TELEPHONE PEDESTAL
 -  TRANS = TRANSFORMER
 -  ● IRON PIPE OR ROD FOUND
 -  + CUT CROSS FOUND OR SET
 -  ● 5 / 8" REBAR SET
 -  T1, T2, T3 THESE STAKES REFERENCE FOUND OR SET MONUMENTATION. SET 5/8 INCH IRON ROD FLUSH WITH GROUND TO TIE FOUND IRON STAKE IDENTIFIED BY COLORED PLASTIC CAP BEARING SURVEYORS REGISTRATION NUMBER.
 -  BT1, BT2, BT3 THESE STAKES, IN CULTIVATED AREAS, REFERENCE FOUND OR SET MONUMENTATION. BURIED 5/8 INCH IRON ROD 20 INCHES BELOW GROUND TO TIE FOUND IRON STAKE. IDENTIFIED BY COLORED PLASTIC CAP BEARING SURVEYORS REGISTRATION NUMBER.
 -  ■ STAKING OF PROPOSED RIGHT OF WAY. SET DIVISION OF HIGHWAYS SURVEY MARKER TO MONUMENT THE POSITION SHOWN. IDENTIFIED BY INSCRIPTION DATA AND SURVEYORS REGISTRATION NUMBER.
 -  ■ M STAKING OF PROPOSED RIGHT OF WAY IN CULTIVATED AREAS. BURIED 5/8 INCH METAL ROD 20 INCHES BELOW GROUND TO MARK FUTURE SURVEY MARKER POSITION IDENTIFIED BY COLORED PLASTIC CAP BEARING SURVEYORS REGISTRATION NUMBER.
 -  ● PERMANENT SURVEY MARKER, I.D.O.T. STANDARD 2135 (TO BE SET BY OTHERS)
 -  □ RIGHT OF WAY STAKING PROPOSED TO BE SET

RESERVED FOR MONUMENT TIES

DATE	BY
DATE	BY
DATE	BY

STATE OF ILLINOIS)
COUNTY OF COOK)

THIS IS TO CERTIFY THAT WE, MACKIE CONSULTANTS, LLC, AN ILLINOIS PROFESSIONAL DESIGN FIRM NO. 184-002894, HAVE SURVEYED THE PLAT OF HIGHWAYS SHOWN HEREON IN SECTIONS 9, 16 & 17, TOWNSHIP 46 NORTH, RANGE 11 EAST OF THE THIRD PRINCIPAL MERIDIAN, LAKE COUNTY, THAT THE SURVEY IS TRUE AND COMPLETE AS SHOWN TO THE BEST OF MY KNOWLEDGE AND BELIEF, THAT THE PLAT CORRECTLY REPRESENTS SAID SURVEY, THAT ALL MONUMENTS FOUND AND ESTABLISHED ARE OF PERMANENT QUALITY AND OCCUPY THE POSITIONS SHOWN THEREON AND THAT THE MONUMENTS ARE SUFFICIENT TO ENABLE THE SURVEY TO BE RE-TRACED, MADE FOR THE DEPARTMENT OF TRANSPORTATION, STATE OF ILLINOIS.

DATED AT ROSEMONT, ILLINOIS THIS ____ DAY OF _____, 20__ A.D.

DALE A. GRAY
ILLINOIS PROFESSIONAL LAND SURVEYOR NO. 035-003057
LICENSE EXPIRES: NOVEMBER 30, 2012

THIS PROFESSIONAL SERVICE CONFORMS TO THE CURRENT ILLINOIS MINIMUM STANDARDS FOR A BOUNDARY SURVEY.

 MackieConsultantsLLC
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**PLAT OF HIGHWAYS
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
INTERSTATE 94**

SECTION: AT ILLINOIS ROUTE 173 COUNTY: LAKE
AND MILL CREEK ROAD
PROJECT: INTERSTATE 94 JOB NO.: R-91-025-09
STATION: N/A TO STATION: N/A
SCALE: 1"= SHEET 9 OF 9

BUREAU OF LAND ACQUISITION
201 WEST CENTER COURT
SCHAUMBURG, ILLINOIS 60196

NOTES:

- 1) BEARINGS SHOWN HEREON ARE BASED ON ILLINOIS STATE PLANE COORDINATE SYSTEM EAST ZONE, NAD 83.
- 2) COORDINATES SHOWN ARE PROJECT (GROUND).
- 3) ALL DISTANCES SHOWN ARE GROUND.
- 4) THE COMBINED FACTOR USED FOR THIS PROJECT IS 0.999951240.
- 5) TO CONVERT PROJECT COORDINATES TO STATE PLANE COORDINATES TAKE PROJECT NORTHING AND EASTING, MULTIPLY BY THE COMBINED FACTOR.

OTHER FILES

ROUTE NAME INTERSTATE 94 SECTION: AT ILLINOIS ROUTE 173 AND MILL CREEK ROAD LAKE COUNTY JOB NO.: R-91-025-09 REVISION DATE: REVISION MADE BY RECORDING: RECORDED ON

FOR INFORMATION ONLY

FILE NAME = \$FILES\$	USER NAME = default	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	IL 173 PLAT OF HIGHWAYS	F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
		DRAWN -	REVISED -			94	49-1-R-1	LAKE	677	227	
	PLOT SCALE = Hgt=10' Vht=5'	CHECKED - RGR	REVISED -			CONTRACT NO. 60L77					
	PLOT DATE = 6/18/2012	DATE - 6/19/2012	REVISED -			SCALE:	SHEET NO. 9 OF 9 SHEETS	STA.	TO STA.	ILLINOIS FED. AID PROJECT	

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RAMP B GORE SPOT ELEVATIONS

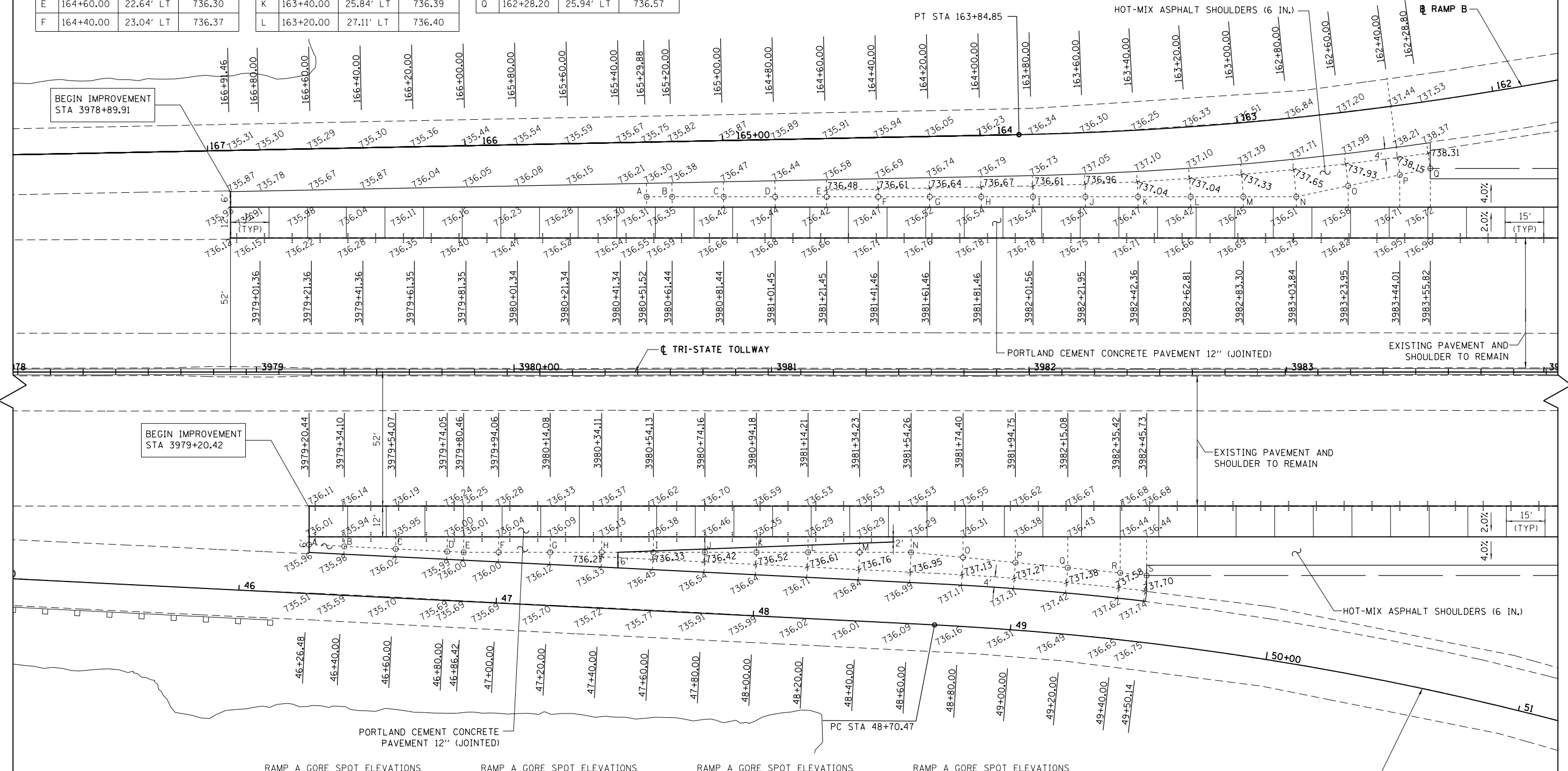
PT	STATION	OFFSET	ELEV.
A	165+29.93	21.24' LT	736.14
B	165+20.00	21.44' LT	736.22
C	165+00.00	21.84' LT	736.29
D	164+80.00	22.24' LT	736.32
E	164+60.00	22.64' LT	736.30
F	164+40.00	23.04' LT	736.37

RAMP B GORE SPOT ELEVATIONS

PT	STATION	OFFSET	ELEV.
G	164+20.00	23.44' LT	736.42
H	164+00.00	23.84' LT	736.44
I	163+80.00	24.25' LT	736.44
J	163+60.00	24.89' LT	736.43
K	163+40.00	25.84' LT	736.39
L	163+20.00	27.11' LT	736.40

RAMP B GORE SPOT ELEVATIONS

PT	STATION	OFFSET	ELEV.
M	163+00.00	28.70' LT	736.41
N	162+80.00	30.61' LT	736.47
O	162+60.00	28.55' LT	736.50
P	162+40.00	26.82' LT	736.55
Q	162+28.20	25.94' LT	736.57



RAMP A GORE SPOT ELEVATIONS

PT	STATION	OFFSET	ELEV.
A	46+26.48	19.00' LT	735.98
B	46+40.00	19.00' LT	735.91
C	46+60.00	19.00' LT	735.87
D	46+80.00	19.00' LT	735.84
E	46+86.42	19.00' LT	735.88

RAMP A GORE SPOT ELEVATIONS

PT	STATION	OFFSET	ELEV.
F	47+00.00	19.68' LT	735.91
G	47+20.00	20.68' LT	735.98
H	47+40.00	21.68' LT	736.04
I	47+60.00	22.68' LT	736.26
J	47+80.00	23.68' LT	736.34

RAMP A GORE SPOT ELEVATIONS

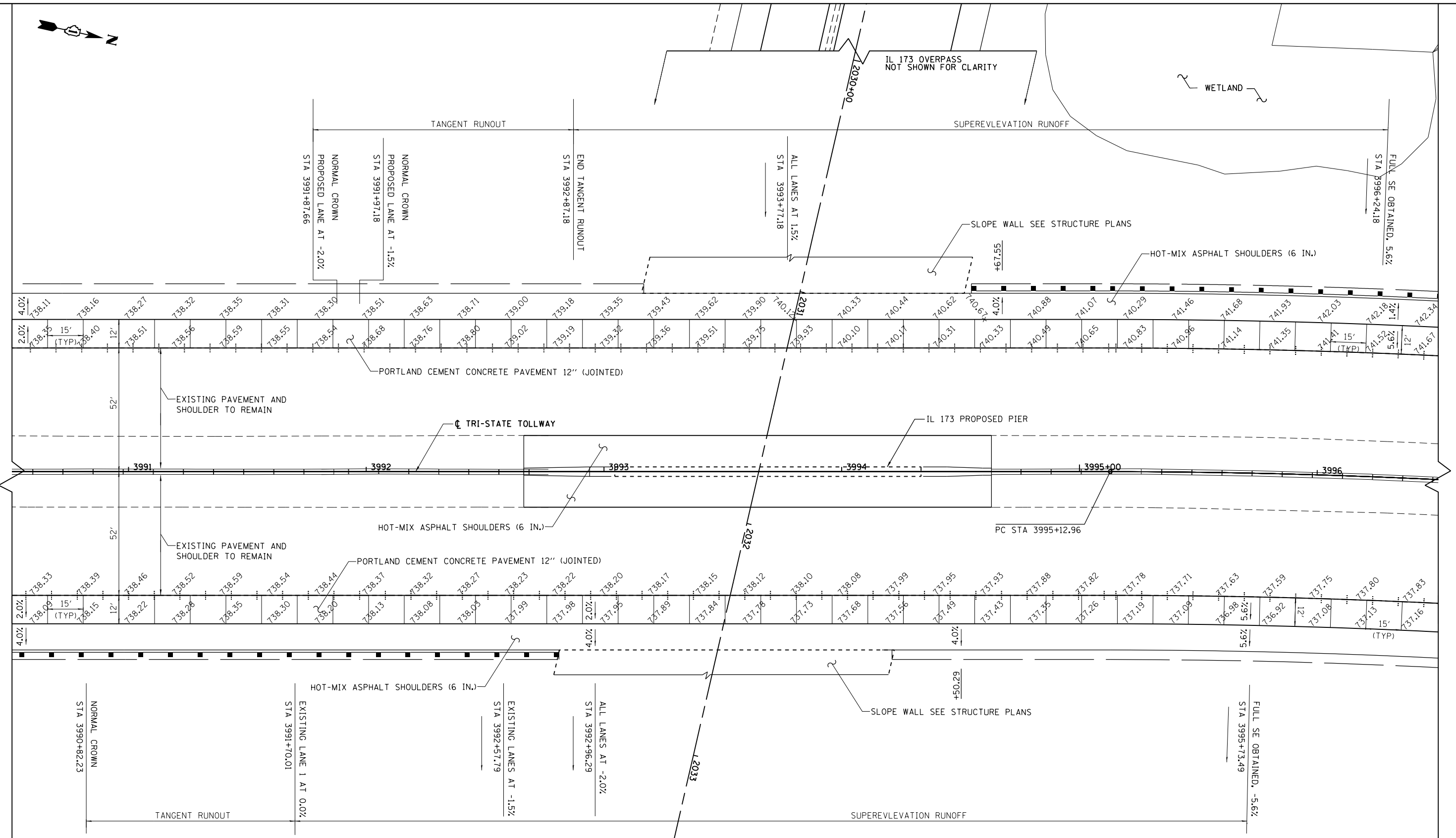
PT	STATION	OFFSET	ELEV.
K	48+00.00	24.68' LT	736.29
L	48+20.00	25.68' LT	736.23
M	48+40.00	26.68' LT	736.23
N	48+60.00	27.68' LT	736.20
O	48+80.00	26.74' LT	736.21

RAMP A GORE SPOT ELEVATIONS

PT	STATION	OFFSET	ELEV.
P	49+00.00	26.09' LT	736.23
Q	49+20.00	25.78' LT	736.25
R	49+40.00	25.61' LT	736.27
S	49+50.14	25.96' LT	736.29

- NOTES
- EXISTING PAVEMENT ELEVATIONS SHOWN ON LANE 3 EDGE LINE AND RAMP PAVEMENT WERE DETERMINED WITH SURVEY DATA AND SHALL BE ADJUSTED IN THE FIELD BASED ON EXISTING EDGE OF PAVEMENT.
 - PROPOSED JOINTING SHALL MATCH JOINTING OF ADJACENT EXISTING LANE.

BOWMAN, BARRETT & ASSOCIATES INC.
CONSULTING ENGINEERS
Chicago, Illinois
312.228.0100
www.bbandainc.com



- NOTES
- ELEVATIONS ARE GIVEN EVERY 20 FEET ON EVEN STATIONS UNLESS OTHERWISE NOTED.
 - EXISTING PAVEMENT ELEVATIONS SHOWN ON LANE 3 EDGE LINE WERE DETERMINED WITH SURVEY DATA AND SHALL BE ADJUSTED IN THE FIELD BASED ON EXISTING EDGE OF PAVEMENT.
 - PROPOSED JOINTING SHALL MATCH JOINTING OF ADJACENT EXISTING LANE.

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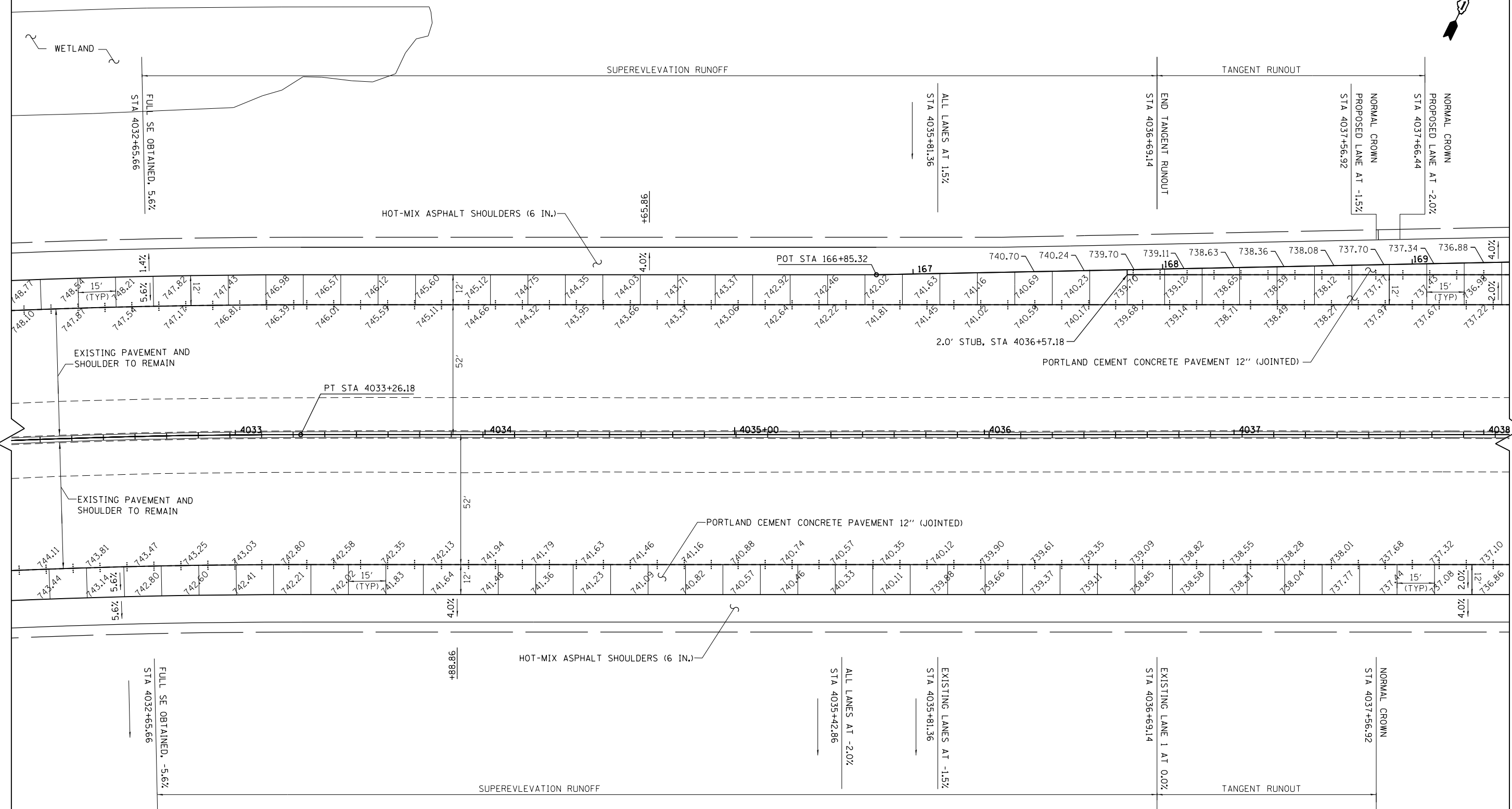
**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

I-94 JOINTING PLAN

SCALE: 1" = 20' SHEET NO. 2 OF 17 SHEETS STA. NA TO STA. NA

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94	49-1-R-1	LAKE	677	229
CONTRACT NO. 60L77				
ILLINOIS FED. AID PROJECT				

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NOTES

1. ELEVATIONS ARE GIVEN EVERY 20 FEET ON EVEN STATIONS UNLESS OTHERWISE NOTED.
2. EXISTING PAVEMENT ELEVATIONS SHOWN ON LANE 3 EDGE LINE WERE DETERMINED WITH SURVEY DATA AND SHALL BE ADJUSTED IN THE FIELD BASED ON EXISTING EDGE OF PAVEMENT.
3. PROPOSED JOINTING SHALL MATCH JOINTING OF ADJACENT EXISTING LANE.

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FILE NAME = \$FILES\$	USER NAME = default	DESIGNED - JMG	REVISED -
		DRAWN - JMG	REVISED -
	PLOT SCALE = Ht1"=10' Wt1"=5'	CHECKED - RGR	REVISED -
	PLOT DATE = 6/20/2012	DATE - 6/19/2012	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

I-94 JOINTING PLAN

SCALE: 1" = 20' SHEET NO. 3 OF 17 SHEETS STA. NA TO STA. NA

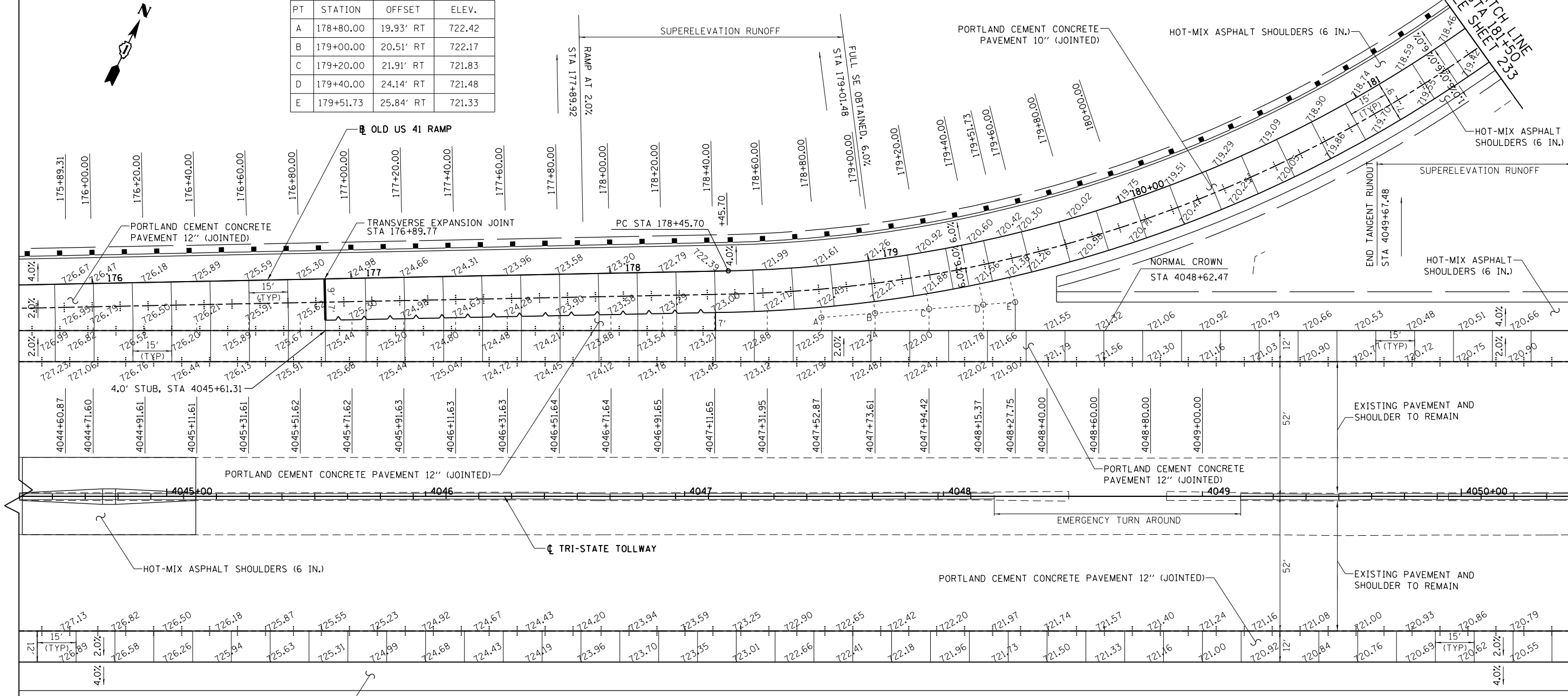
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94	49-1-R-1	LAKE	677	230
CONTRACT NO. 60L77				
ILLINOIS FED. AID PROJECT				

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RAMP A OLD US41 GORE SPOT ELEVATIONS

PT	STATION	OFFSET	ELEV.
A	178+80.00	19.93' RT	722.42
B	179+00.00	20.51' RT	722.17
C	179+20.00	21.91' RT	721.83
D	179+40.00	24.14' RT	721.48
E	179+51.73	25.84' RT	721.33



NOTES

- ELEVATIONS ARE GIVEN EVERY 20 FEET ON EVEN STATIONS UNLESS OTHERWISE NOTED.
- EXISTING PAVEMENT ELEVATIONS SHOWN ON LANE 3 EDGE LINE WERE DETERMINED WITH SURVEY DATA AND SHALL BE ADJUSTED IN THE FIELD BASED ON EXISTING EDGE OF PAVEMENT.
- PROPOSED JOINTING SHALL MATCH JOINTING OF ADJACENT EXISTING LANE.
- SEE ISTHA STANDARD A14-00 FOR ADDITIONAL INFORMATION ON ENTRANCE RAMP JOINTING DETAILS.

LEGEND:

LONGITUDINAL KEYPED CONSTRUCTION JOINT PER STD. 420001 (SHALL BE INCLUDED IN THE COST OF THE PORTLAND CEMENT CONCRETE PAVEMENT, (JOINTED) PAY ITEM OF THE SPECIFIED THICKNESS)

LONGITUDINAL SAWED OR CONSTRUCTION JOINT PER STD. 420001 (SHALL BE INCLUDED IN THE COST OF THE PORTLAND CEMENT CONCRETE PAVEMENT, (JOINTED) PAY ITEM OF THE SPECIFIED THICKNESS)

SAWED TRANSVERSE CONTRACTION JOINT PER STANDARD 420001 WITH HOT POUR SEAL

BOWMAN, BARRETT & ASSOCIATES INC.
 CONSULTING ENGINEERS
 Chicago, Illinois
 312.228.0100
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FILE NAME = \$FILES\$	USER NAME = default	DESIGNED - JMG	REVISED -
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	PLOT DATE = 6/20/2012	DATE - 6/19/2012	REVISED -

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

I-94 JOINTING PLAN

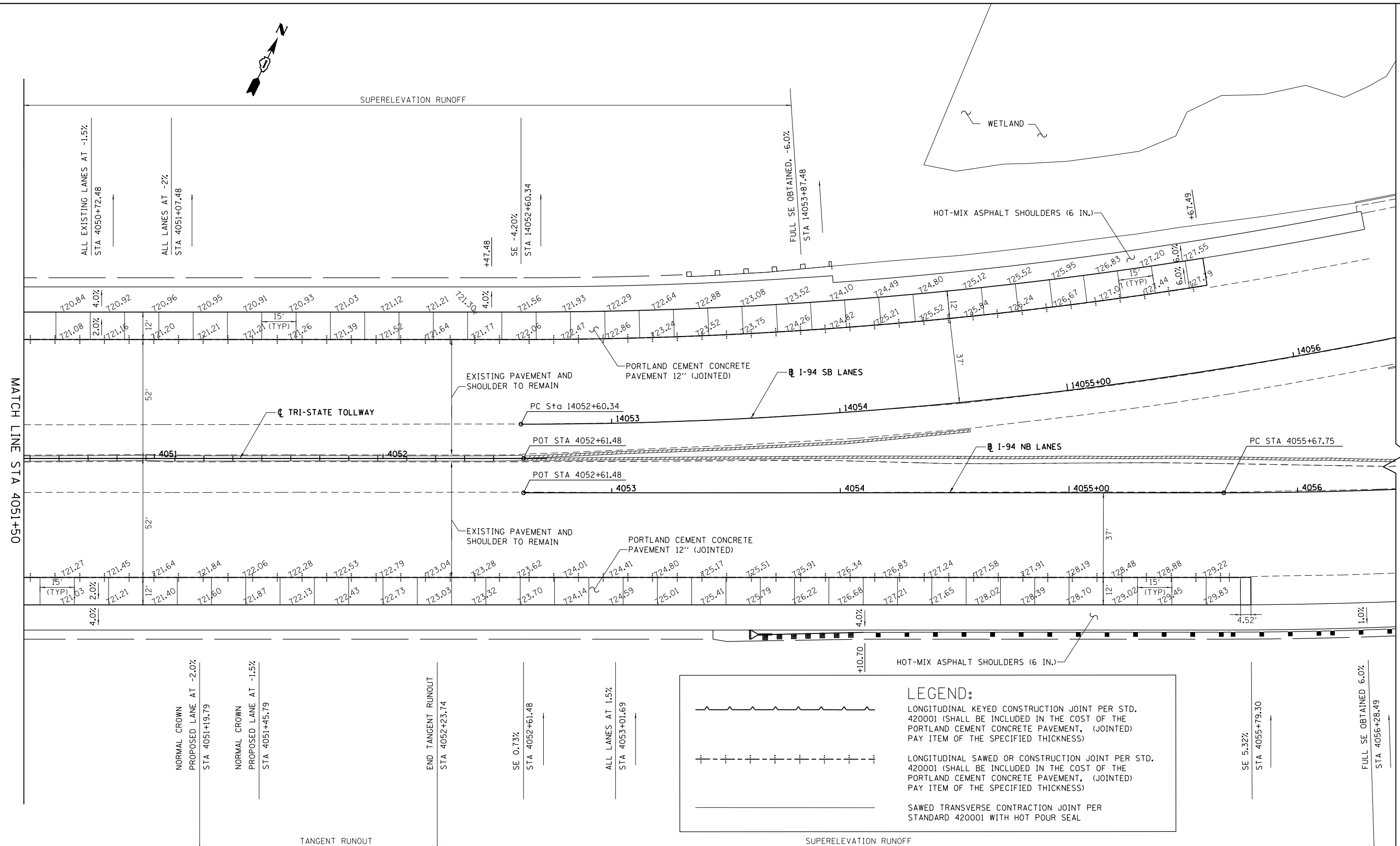
SCALE: 1" = 20' SHEET NO. 4 OF 17 SHEETS STA. NA TO STA. NA

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94	49-1-R-1	LAKE	677	231
CONTRACT NO. 60L77				
ILLINOIS FED. AID PROJECT				

MATCH LINE STA 4051+50

MATCH LINE SEE SHEET 233 STA 181+50

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LEGEND:

LONGITUDINAL KEYS CONSTRUCTION JOINT PER STD. 420001 (SHALL BE INCLUDED IN THE COST OF THE PORTLAND CEMENT CONCRETE PAVEMENT, (JOINTED) PAY ITEM OF THE SPECIFIED THICKNESS)

LONGITUDINAL SAWS OR CONSTRUCTION JOINT PER STD. 420001 (SHALL BE INCLUDED IN THE COST OF THE PORTLAND CEMENT CONCRETE PAVEMENT, (JOINTED) PAY ITEM OF THE SPECIFIED THICKNESS)

SAWED TRANSVERSE CONTRACTION JOINT PER STANDARD 420001 WITH HOT POUR SEAL

- NOTES**
- ELEVATIONS ARE GIVEN EVERY 20 FEET ON EVEN STATIONS UNLESS OTHERWISE NOTED.
 - EXISTING PAVEMENT ELEVATIONS SHOWN ON LANE 3 EDGE LINE WERE DETERMINED WITH SURVEY DATA AND SHALL BE ADJUSTED IN THE FIELD BASED ON EXISTING EDGE OF PAVEMENT.
 - PROPOSED JOINTING SHALL MATCH JOINTING OF ADJACENT EXISTING LANE.

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FILE NAME = \$FILES\$	USER NAME = default	DESIGNED - JMG	REVISED -
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	PLOT DATE = 6/20/2012	DATE - 6/19/2012	REVISED -

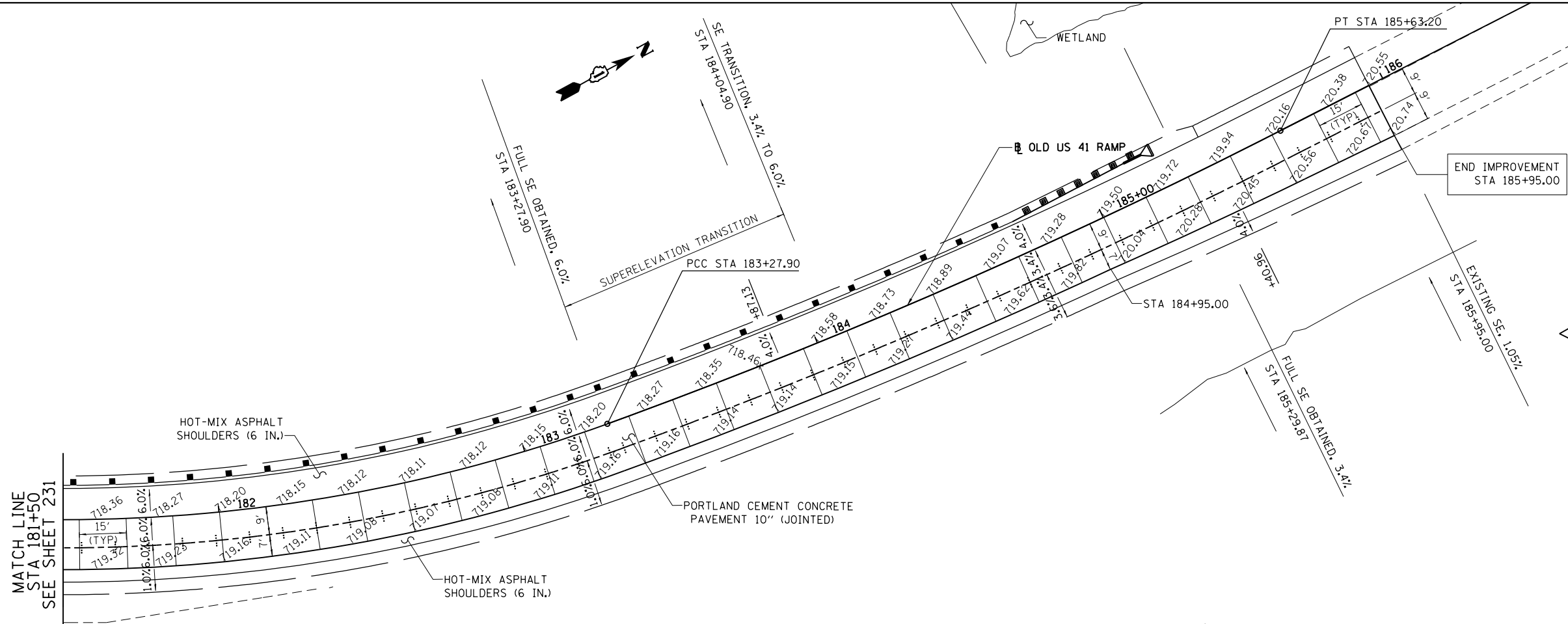
**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

I-94 JOINTING PLAN

SCALE: 1" = 20' SHEET NO. 5 OF 17 SHEETS STA. NA TO STA. NA

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94	49-1-R-1	LAKE	677	232
CONTRACT NO. 60L77				
ILLINOIS FED. AID PROJECT				

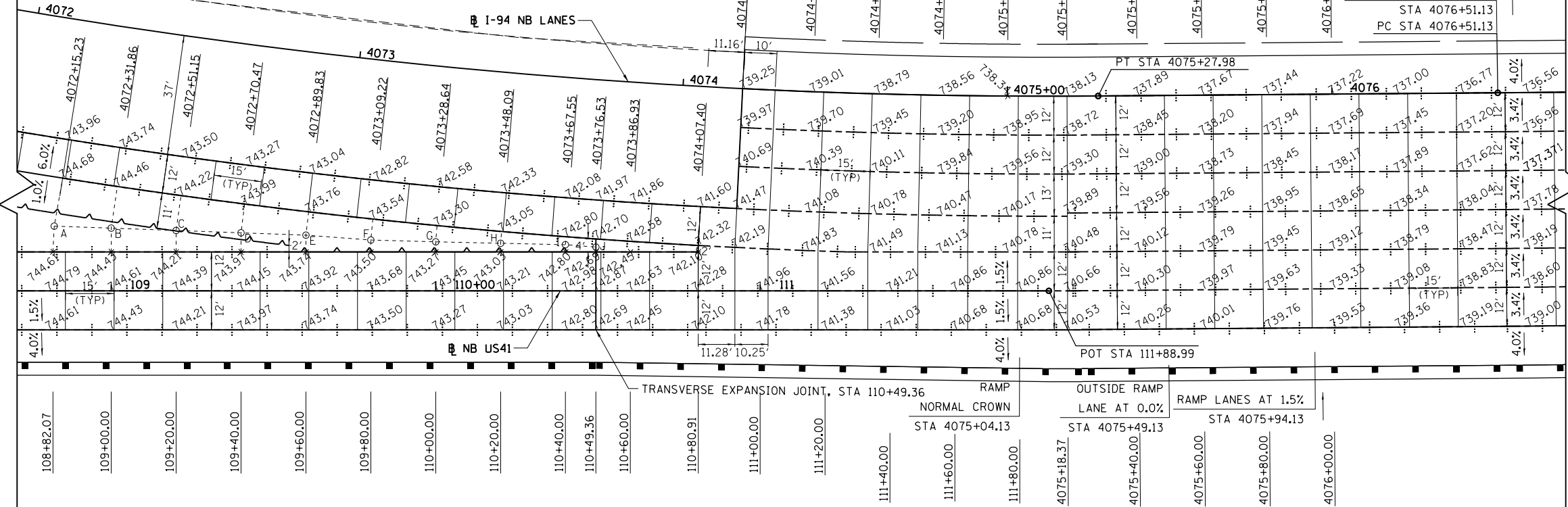
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- NOTES
- ELEVATIONS ARE GIVEN EVERY 20 FEET ON EVEN STATIONS UNLESS OTHERWISE NOTED.
 - NB US41 ENTRANCE RAMP PAVEMENT ELEVATIONS ARE BASED ON NB US41 CL FROM 108+82.00 TO 111+80.00.
 - PROPOSED JOINTING SHALL MATCH JOINTING OF ADJACENT EXISTING LANE.
 - SEE 1007 STANDARD 420201-07 FOR ADDITIONAL INFORMATION ON ENTRANCE RAMP JOINTING DETAILS.

NB I-94 & NB US41 ENTRANCE RAMP GORE SPOT ELEVATIONS

PT	STATION	OFFSET	ELEV.
A	108+82.41	19.97' LT	744.53
B	109+00.00	19.34' LT	744.33
C	109+20.00	18.63' LT	744.11
D	109+40.00	17.91' LT	743.89
E	109+60.00	17.20' LT	743.69
F	109+80.00	15.66' LT	743.48
G	110+00.00	15.13' LT	743.25
H	110+20.00	14.67' LT	743.01
I	110+40.00	14.21' LT	742.78
J	110+49.36	13.49' LT	742.68



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		DRAWN - JMG	REVISED -
	PLOT SCALE = H=1"=10' V=1"=5'	CHECKED - RGR	REVISED -
	PLOT DATE = 6/20/2012	DATE - 6/19/2012	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

I-94 AND OLD US41 JOINTING PLAN

SCALE: 1" = 20' SHEET NO. 6 OF 17 SHEETS STA. NA TO STA. NA

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94	49-1-R-1	LAKE	677	233
CONTRACT NO. 60L77				
ILLINOIS FED. AID PROJECT				

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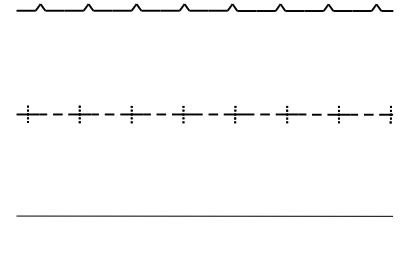
SB I-94 & SB US41 ENTRANCE RAMP
GORE SPOT ELEVATIONS

PT	STATION	OFFSET	ELEV.
A	2011+45.19	36.95' LT	729.26
B	2011+60.00	35.94' LT	729.28
C	2011+80.00	34.59' LT	729.37
D	2012+00.00	33.23' LT	729.44
E	2012+20.00	31.87' LT	729.51
F	2012+40.00	30.51' LT	729.55
G	2012+60.00	29.16' LT	729.59
H	2012+80.00	27.80' LT	729.63
I	2012+92.05	26.98' LT	729.64

NOTES

- ELEVATIONS ARE GIVEN EVERY 20 FEET ON EVEN STATIONS UNLESS OTHERWISE NOTED.
- SB US41 EXIT RAMP PAVEMENT ELEVATIONS ARE BASED ON SB US41 FROM 2011+00.00 TO 2013+20.00.
- SEE IDOT STANDARD 420301-04 FOR ADDITIONAL INFORMATION ON EXIT RAMP JOINTING DETAILS.

LEGEND:



LONGITUDINAL KEyed CONSTRUCTION JOINT PER STD. 420001 (SHALL BE INCLUDED IN THE COST OF THE PORTLAND CEMENT CONCRETE PAVEMENT, (JOINTED) PAY ITEM OF THE SPECIFIED THICKNESS)

LONGITUDINAL SAWed OR CONSTRUCTION JOINT PER STD. 420001 (SHALL BE INCLUDED IN THE COST OF THE PORTLAND CEMENT CONCRETE PAVEMENT, (JOINTED) PAY ITEM OF THE SPECIFIED THICKNESS)

SAWed TRANSVERSE CONTRACTION JOINT PER STANDARD 420001 WITH HOT POUR SEAL



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		DRAWN - JMG	REVISED -
		CHECKED - RGR	REVISED -
		DATE - 6/19/2012	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

I-94 JOINTING PLAN

SCALE: 1" = 20' SHEET NO. 7 OF 17 SHEETS STA. NA TO STA. NA

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94	49-1-R-1	LAKE	677	234
CONTRACT NO. 60L77				
ILLINOIS FED. AID PROJECT				

MATCH LINE STA 14072+75.00

MATCH LINE STA 14072+75.00

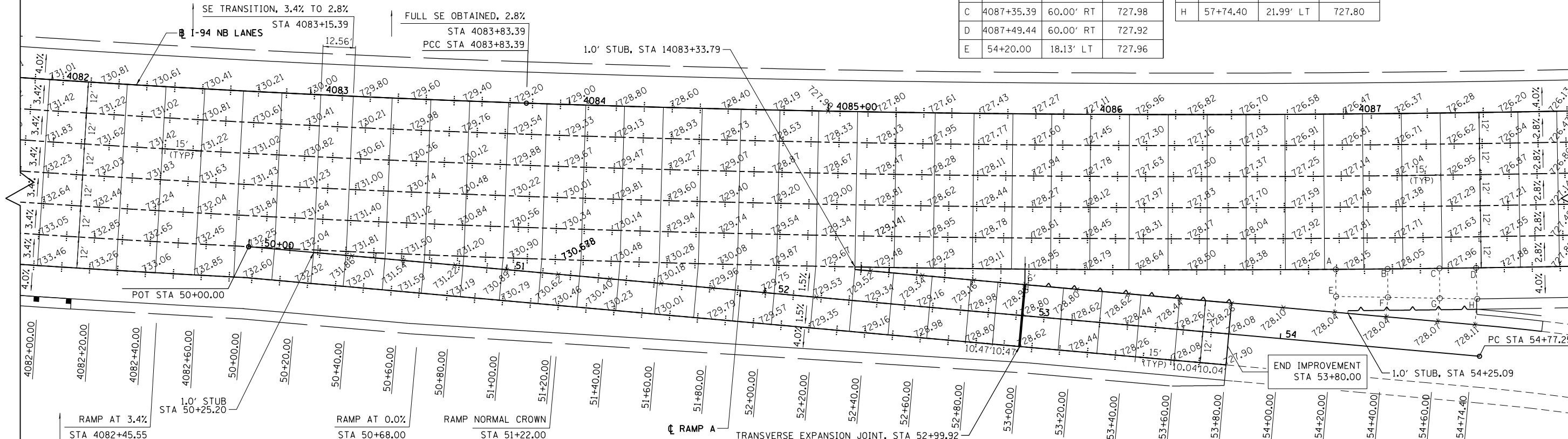
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NOTES

- ELEVATIONS ARE GIVEN EVERY 20 FEET ON EVEN STATIONS UNLESS OTHERWISE NOTED.
- RUSSEL ROAD EXIT RAMP PAVEMENT ELEVATIONS ARE BASED ON RAMP A C FROM 50+00.00 TO 54+74.40.
- SEE IDOT STANDARD 42301-04 FOR ADDITIONAL INFORMATION ON EXIT RAMP JOINTING DETAILS.

NB I-94 & RUSSEL ROAD EXIT RAMP GORE SPOT ELEVATIONS

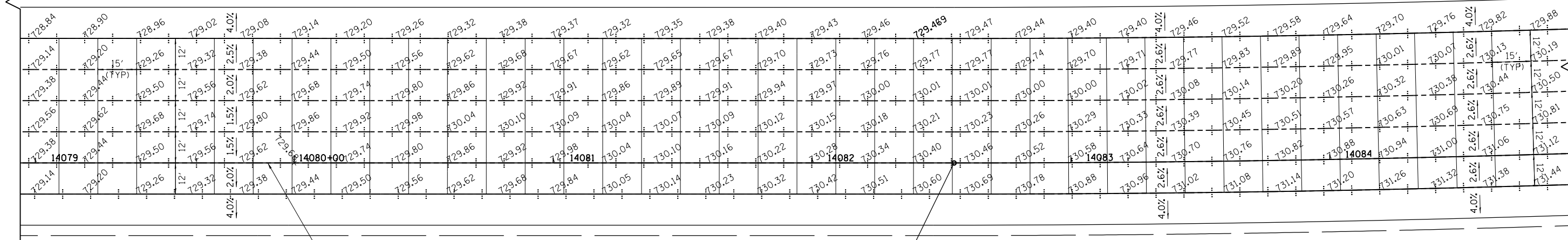
PT	STATION	OFFSET	ELEV.	PT	STATION	OFFSET	ELEV.
A	4086+95.68	60.00' RT	728.17	F	54+40.00	19.54' LT	727.91
B	4087+15.54	60.00' RT	728.07	G	54+60.00	20.96' LT	727.86
C	4087+35.39	60.00' RT	727.98	H	57+74.40	21.99' LT	727.80
D	4087+49.44	60.00' RT	727.92				
E	54+20.00	18.13' LT	727.96				



TANGENT RUNOUT	SUPERELEVATION RUNOFF
NORMAL CROWN STA 14080+88.70	DECEL LANE AT 1.5% LANES 1,2 AT -1.5% LANE 3 AT -2.0% LANE 4 AT -2.5% STA 14082+29.32
END TANGENT RUNOUT STA 14081+16.86	DECEL LANE AT 2.0% LANES 1, 2 AND 3 AT -2.0% LANE 4 AT -2.5% STA 14083+04.32
	FULL SE OBTAINED, -2.6% STA 14083+11.86

NOTES

- ELEVATIONS ARE GIVEN EVERY 20 FEET ON EVEN STATIONS UNLESS OTHERWISE NOTED.



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FILE NAME = #FILES#	USER NAME = default	DESIGNED - JMG	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	I-94 JOINTING PLAN			F.A. RTE. 94	SECTION 49-1-R-1	COUNTY LAKE	TOTAL SHEETS 677	SHEET NO. 235
	PLOT SCALE = H1'-10" V1'-5"	CHECKED - RGR	REVISED -		SCALE: 1" = 20'	SHEET NO. 8 OF 17 SHEETS	STA. NA TO STA. NA	CONTRACT NO. 60L77				
	PLOT DATE = 6/20/2012	DATE - 6/19/2012	REVISED -		ILLINOIS FED. AID PROJECT							

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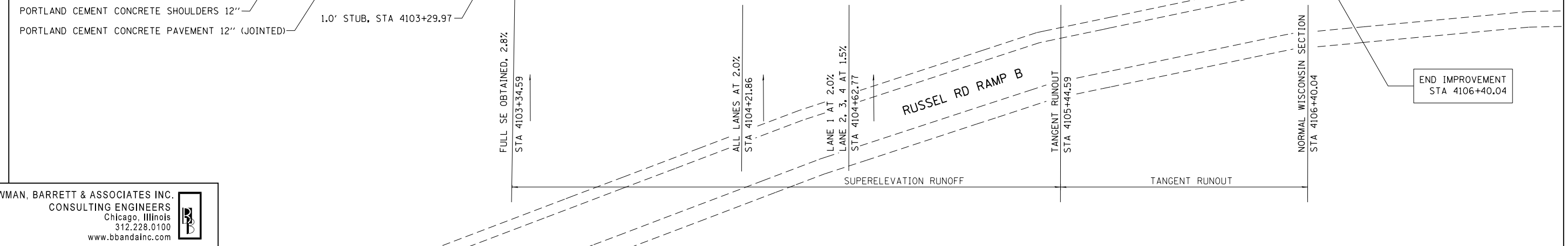
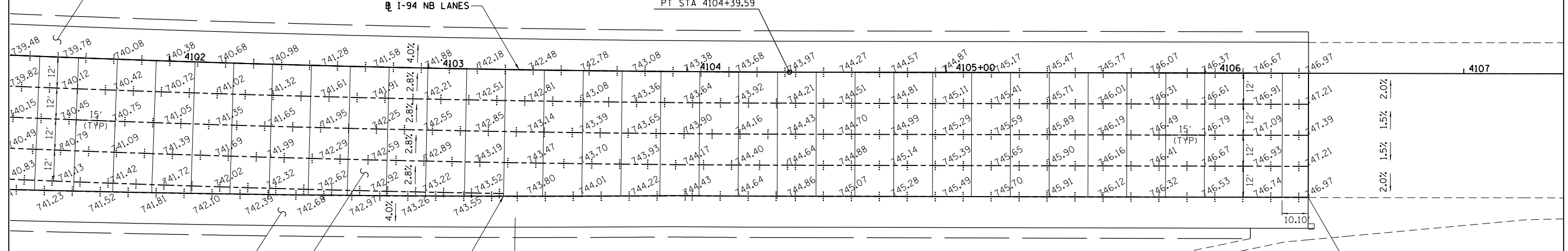
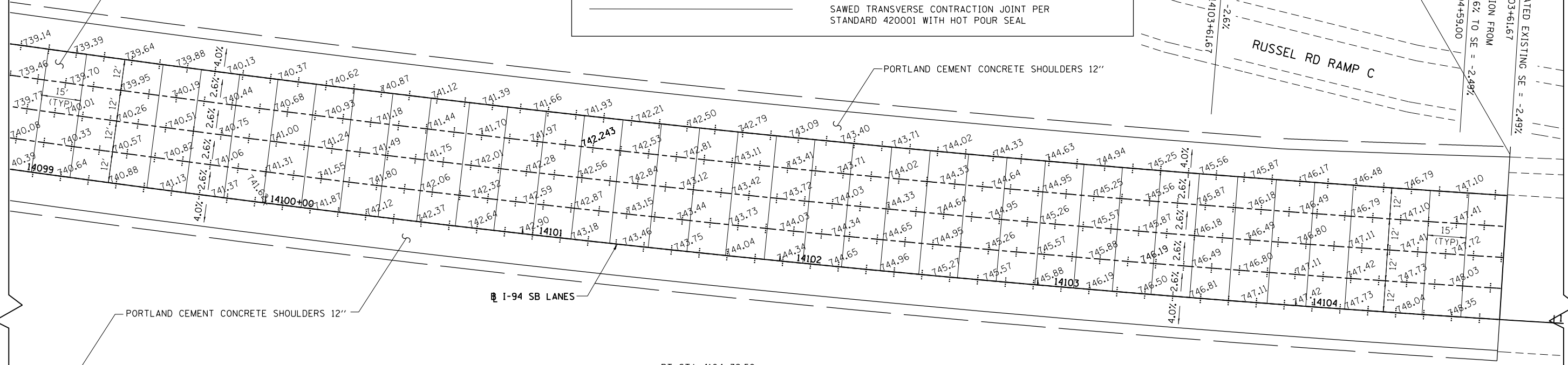
PORTLAND CEMENT CONCRETE PAVEMENT 12" (JOINTED)

LEGEND:

LONGITUDINAL KEYS CONSTRUCTION JOINT PER STD. 420001 (SHALL BE INCLUDED IN THE COST OF THE PORTLAND CEMENT CONCRETE PAVEMENT, (JOINTED) PAY ITEM OF THE SPECIFIED THICKNESS)

LONGITUDINAL SAWS OR CONSTRUCTION JOINT PER STD. 420001 (SHALL BE INCLUDED IN THE COST OF THE PORTLAND CEMENT CONCRETE PAVEMENT, (JOINTED) PAY ITEM OF THE SPECIFIED THICKNESS)

SAWED TRANSVERSE CONTRACTION JOINT PER STANDARD 420001 WITH HOT POUR SEAL



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		DRAWN - JMG	REVISED -
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	PLOT DATE = 6/20/2012	DATE - 6/19/2012	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

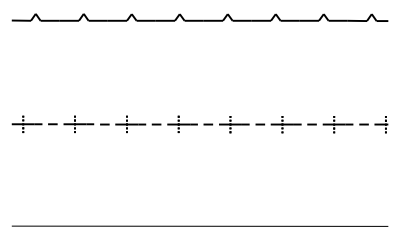
I-94 JOINTING PLAN

SCALE: 1" = 20' SHEET NO. 9 OF 17 SHEETS STA. NA TO STA. NA

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94	49-1-R-1	LAKE	677	236
CONTRACT NO. 60L77				
ILLINOIS FED. AID PROJECT				

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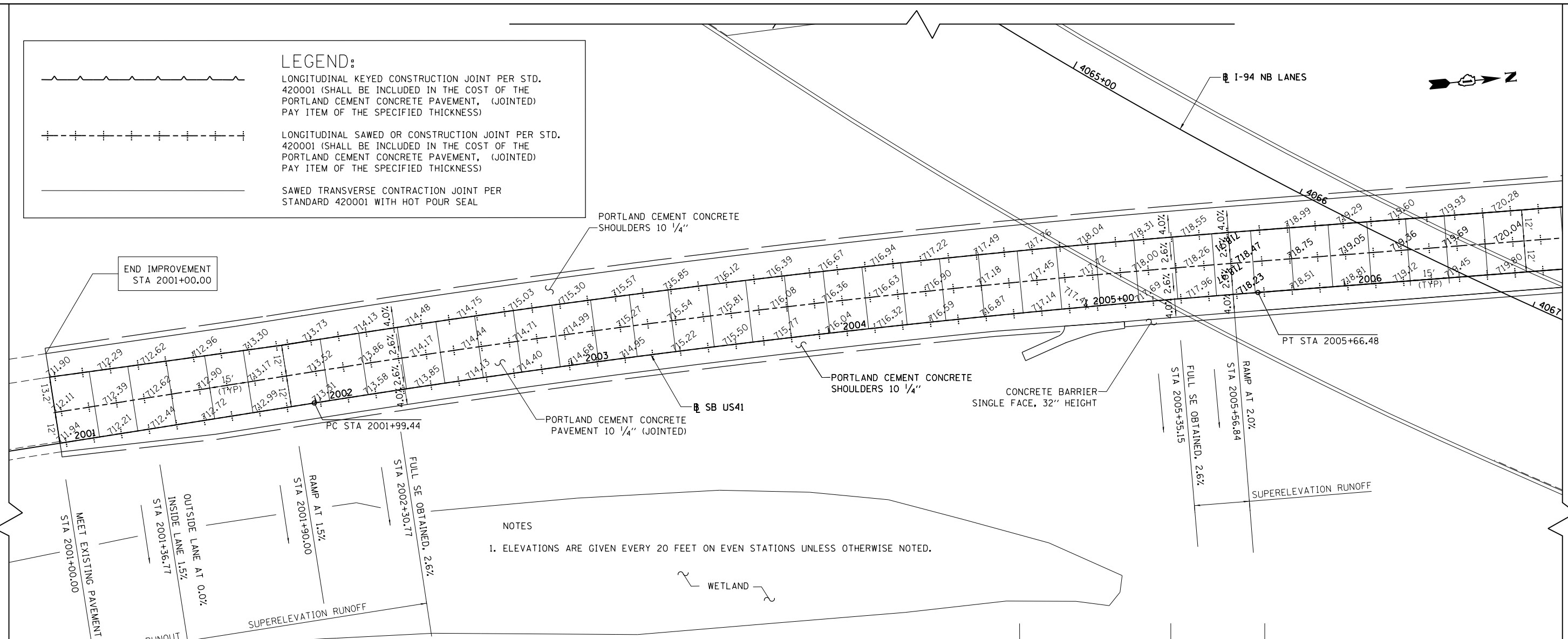
LEGEND:



LONGITUDINAL KEYS CONSTRUCTION JOINT PER STD. 420001 (SHALL BE INCLUDED IN THE COST OF THE PORTLAND CEMENT CONCRETE PAVEMENT, (JOINTED) PAY ITEM OF THE SPECIFIED THICKNESS)

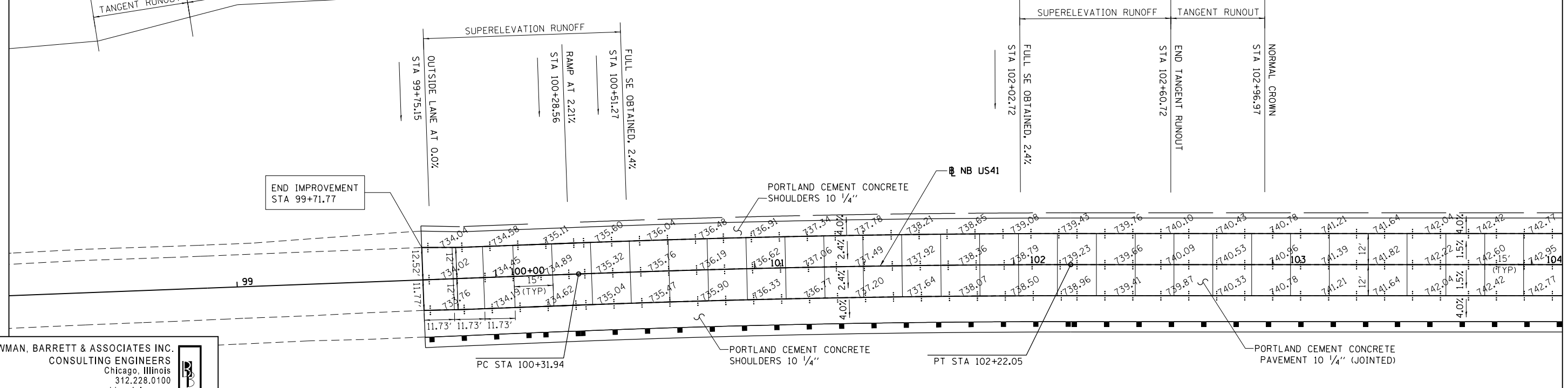
LONGITUDINAL SAWS OR CONSTRUCTION JOINT PER STD. 420001 (SHALL BE INCLUDED IN THE COST OF THE PORTLAND CEMENT CONCRETE PAVEMENT, (JOINTED) PAY ITEM OF THE SPECIFIED THICKNESS)

SAWED TRANSVERSE CONTRACTION JOINT PER STANDARD 420001 WITH HOT POUR SEAL



NOTES

1. ELEVATIONS ARE GIVEN EVERY 20 FEET ON EVEN STATIONS UNLESS OTHERWISE NOTED.



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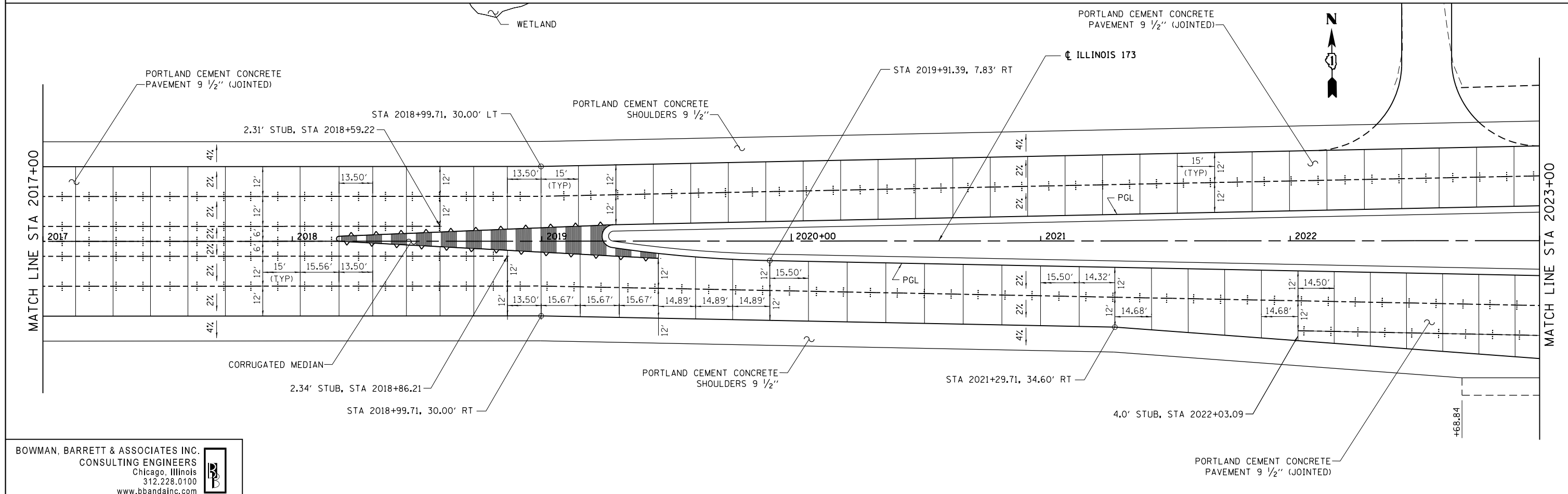
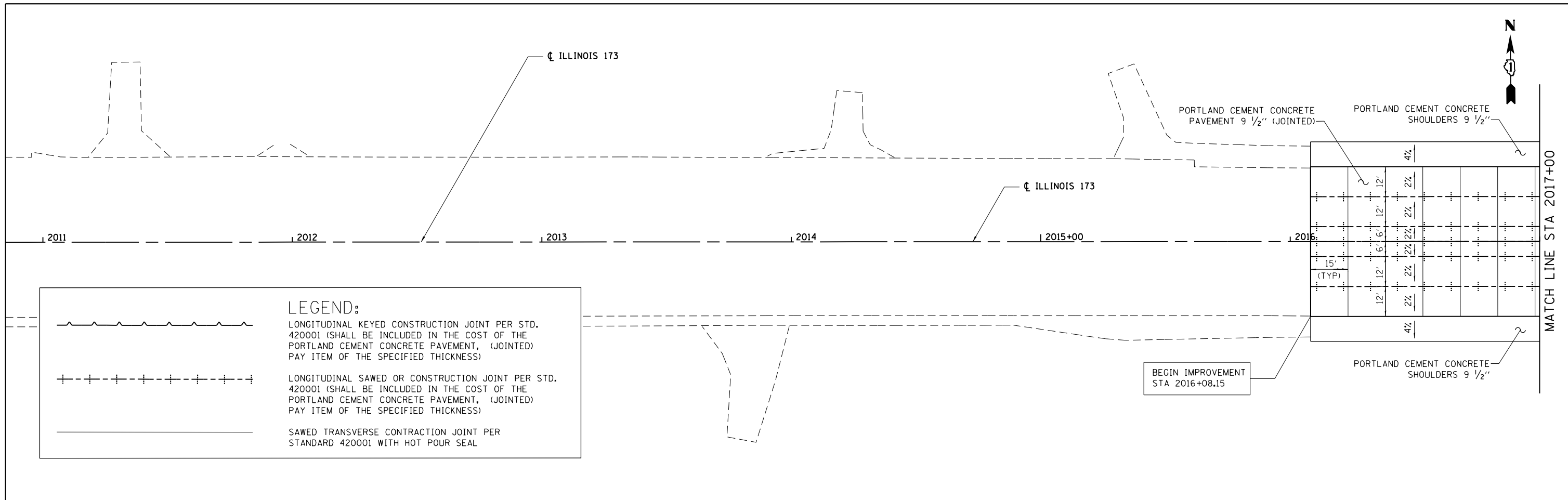
**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

US41 JOINTING PLAN

SCALE: 1" = 20' SHEET NO. 10 OF 17 SHEETS STA. NA TO STA. NA

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94	49-1-R-1	LAKE	677	237
CONTRACT NO. 60L77				
ILLINOIS FED. AID PROJECT				

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FILE NAME = \$FILES\$	USER NAME = default	DESIGNED - JMG	REVISED -
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		DATE - 6/19/2012	REVISED -

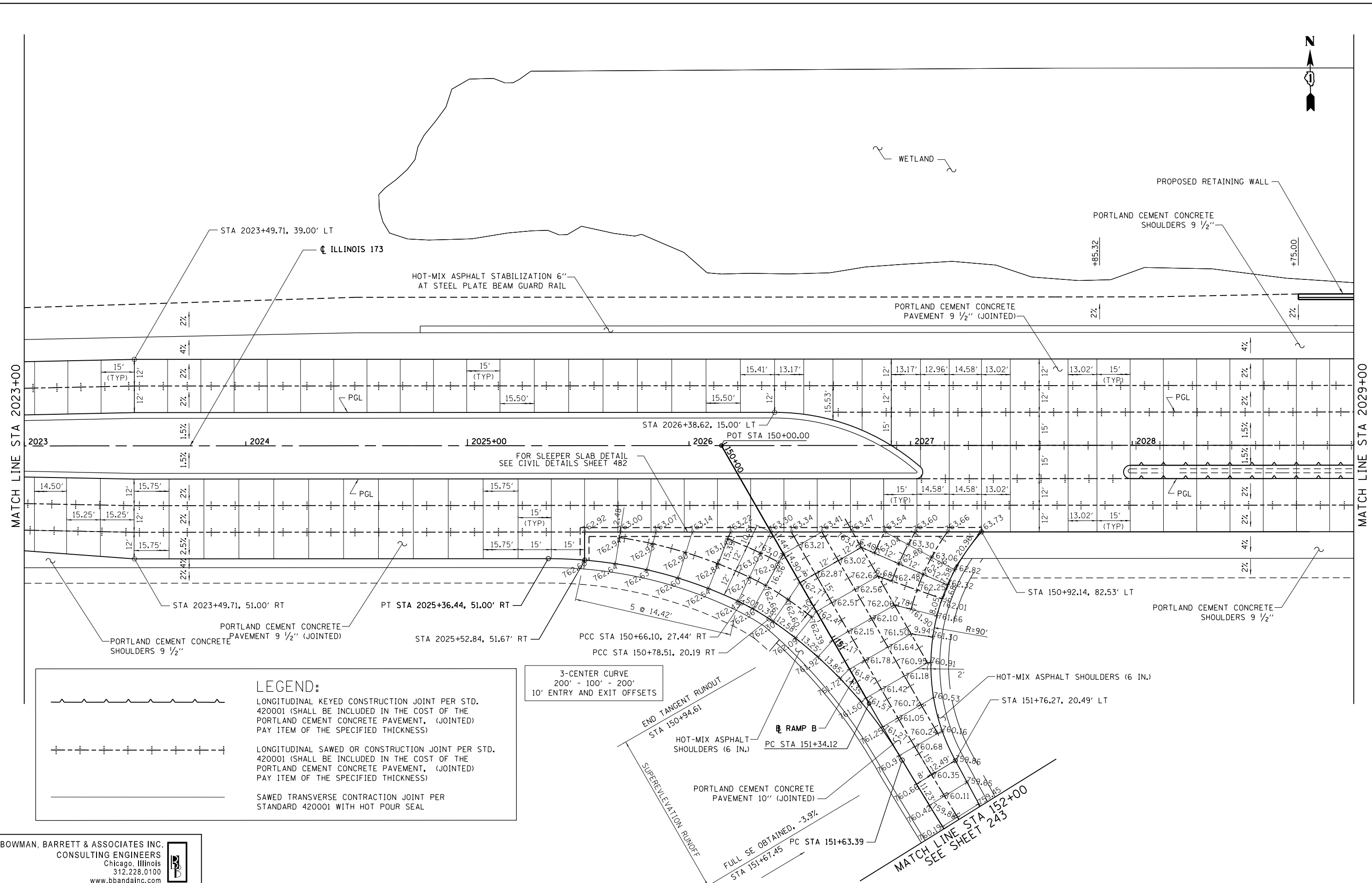
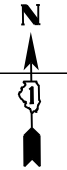
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ILLINOIS 173 JOINTING PLAN

SCALE: 1" = 20' SHEET NO. 11 OF 17 SHEETS STA. 2016+08.15 TO STA. 2023+00

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94	49-1-R-1	LAKE	677	238
CONTRACT NO. 60L77				
ILLINOIS FED. AID PROJECT				

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LEGEND:

LONGITUDINAL KEYPED CONSTRUCTION JOINT PER STD. 420001 (SHALL BE INCLUDED IN THE COST OF THE PORTLAND CEMENT CONCRETE PAVEMENT, (JOINTED) PAY ITEM OF THE SPECIFIED THICKNESS)

LONGITUDINAL SAWED OR CONSTRUCTION JOINT PER STD. 420001 (SHALL BE INCLUDED IN THE COST OF THE PORTLAND CEMENT CONCRETE PAVEMENT, (JOINTED) PAY ITEM OF THE SPECIFIED THICKNESS)

SAWED TRANSVERSE CONTRACTION JOINT PER STANDARD 420001 WITH HOT POUR SEAL

3-CENTER CURVE
200' - 100' - 200'
10' ENTRY AND EXIT OFFSETS

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		DRAWN - JMG	REVISED -
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	PLOT DATE = 6/20/2012	DATE - 6/19/2012	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

ILLINOIS 173 JOINTING PLAN

SCALE: 1" = 20' SHEET NO. 12 OF 17 SHEETS STA. 2023+00 TO STA. 2029+00

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94	49-1-R-1	LAKE	677	239
CONTRACT NO. 60L77				
ILLINOIS FED. AID PROJECT				

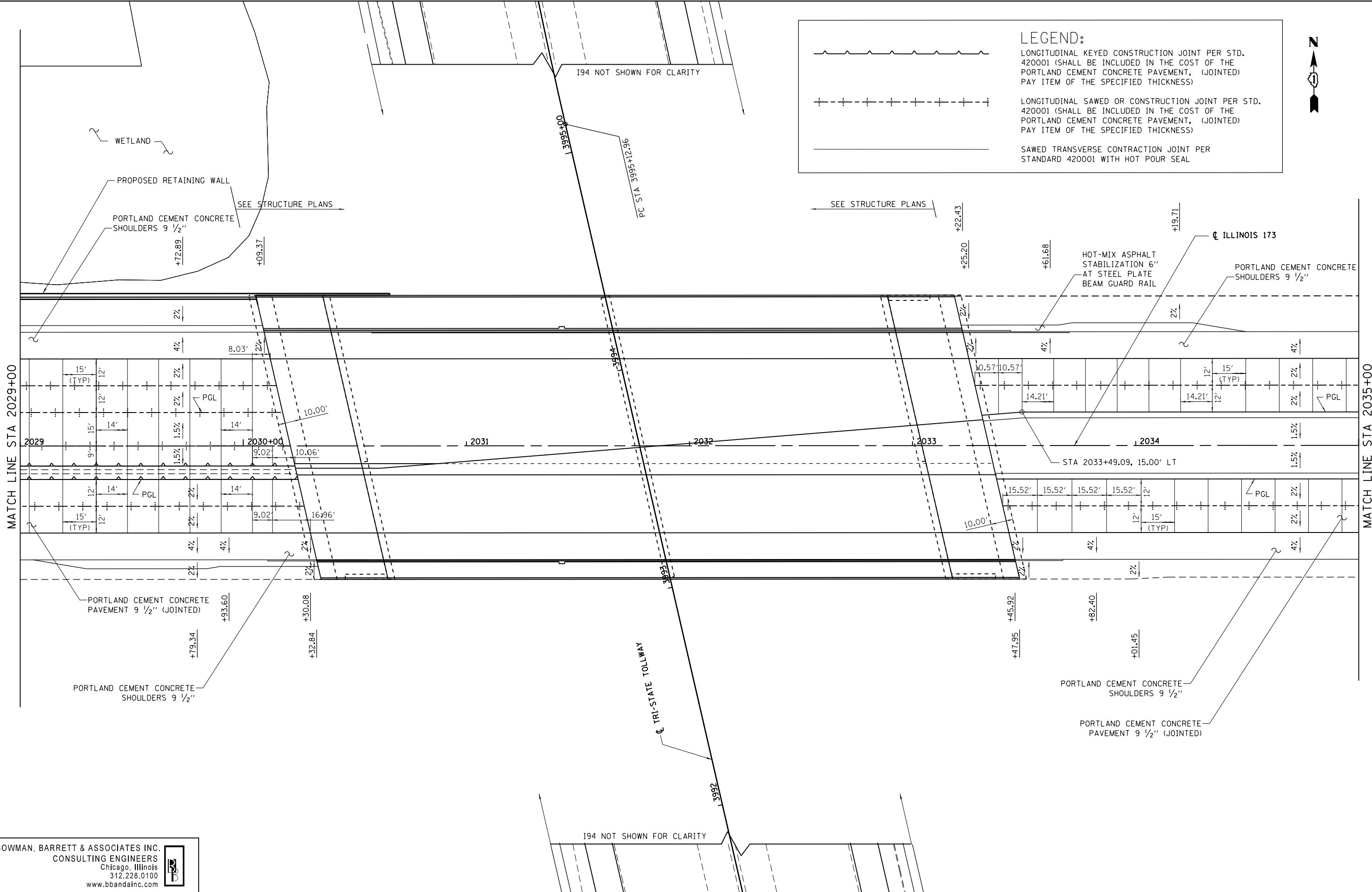
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LEGEND:

LONGITUDINAL KEYED CONSTRUCTION JOINT PER STD. 420001 (SHALL BE INCLUDED IN THE COST OF THE PORTLAND CEMENT CONCRETE PAVEMENT, (JOINTED) PAY ITEM OF THE SPECIFIED THICKNESS)

LONGITUDINAL SAWED OR CONSTRUCTION JOINT PER STD. 420001 (SHALL BE INCLUDED IN THE COST OF THE PORTLAND CEMENT CONCRETE PAVEMENT, (JOINTED) PAY ITEM OF THE SPECIFIED THICKNESS)

SAWED TRANSVERSE CONTRACTION JOINT PER STANDARD 420001 WITH HOT POUR SEAL



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FILE NAME = \$FILES\$	USER NAME = default	DESIGNED - JMG	REVISED -
		DRAWN - JMG	REVISED -
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	PLOT DATE = 6/20/2012	DATE - 6/19/2012	REVISED -

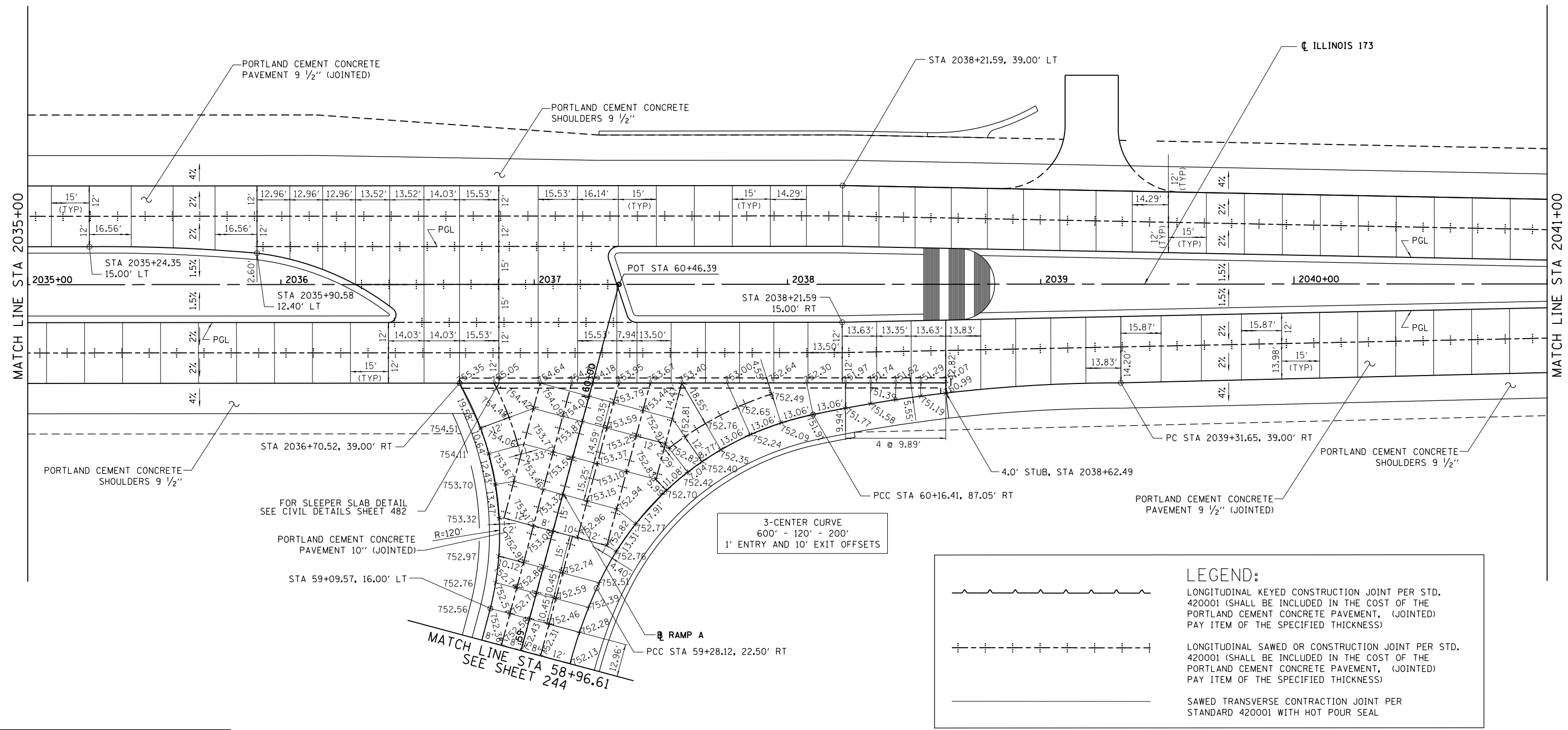
**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

ILLINOIS 173 JOINTING PLAN

SCALE: 1" = 1120' SHEET NO. 13 OF 17 SHEETS STA. 2029+00 TO STA. 2035+00

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94	49-1-R-1	LAKE	677	240
CONTRACT NO. 60L77				
ILLINOIS FED. AID PROJECT				

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LEGEND:

LONGITUDINAL KEYPED CONSTRUCTION JOINT PER STD. 420001 (SHALL BE INCLUDED IN THE COST OF THE PORTLAND CEMENT CONCRETE PAVEMENT, (JOINTED) PAY ITEM OF THE SPECIFIED THICKNESS)

LONGITUDINAL SAWS OR CONSTRUCTION JOINT PER STD. 420001 (SHALL BE INCLUDED IN THE COST OF THE PORTLAND CEMENT CONCRETE PAVEMENT, (JOINTED) PAY ITEM OF THE SPECIFIED THICKNESS)

SAWED TRANSVERSE CONTRACTION JOINT PER STANDARD 420001 WITH HOT POUR SEAL

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FILE NAME = \$FILES\$	USER NAME = default	DESIGNED - JMG	REVISED -
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	PLOT DATE = 6/20/2012	DATE - 6/19/2012	REVISED -

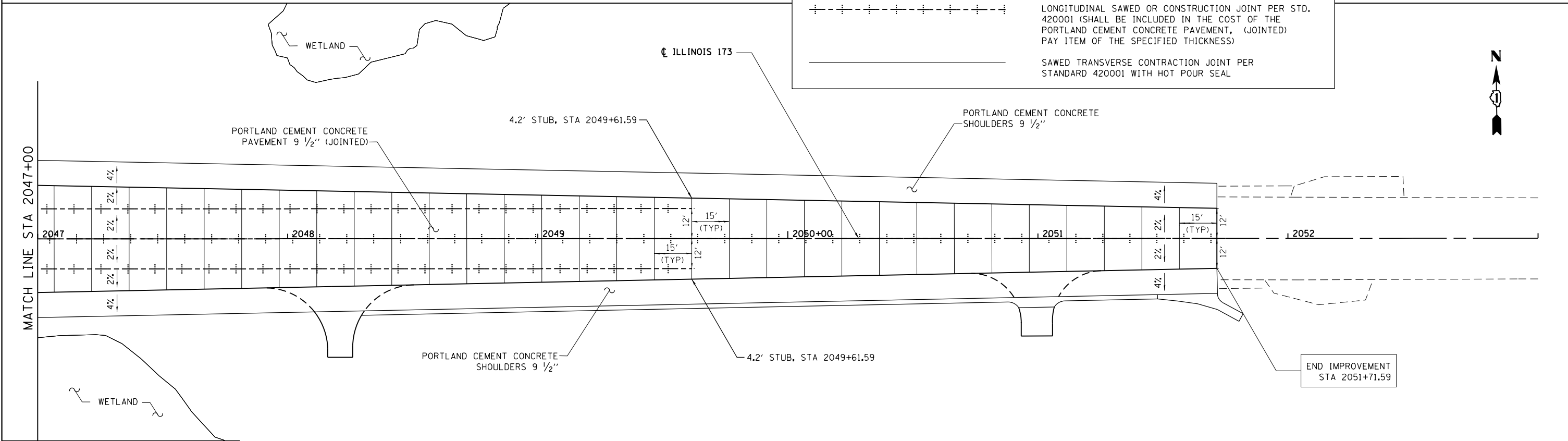
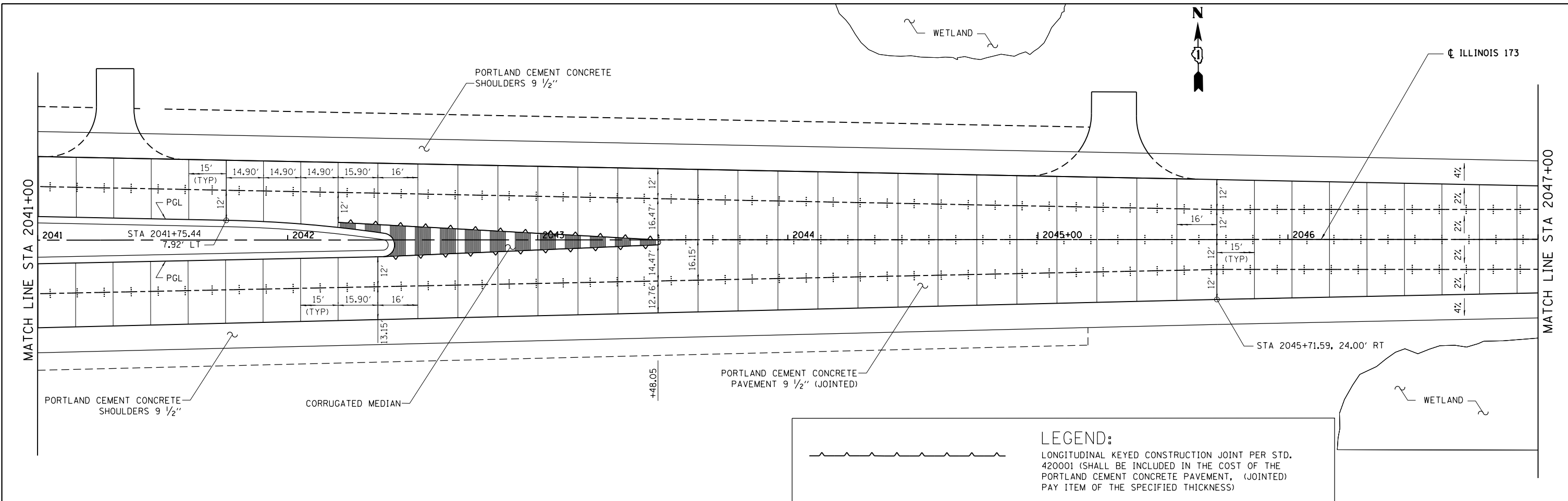
**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

ILLINOIS 173 JOINTING PLAN

SCALE: 1" = 20' SHEET NO. 14 OF 17 SHEETS STA. 2035+00 TO STA. 2041+00

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94	49-1-R-1	LAKE	677	241
CONTRACT NO. 60L77				
ILLINOIS FED. AID PROJECT				

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**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

ILLINOIS 173 JOINTING PLAN

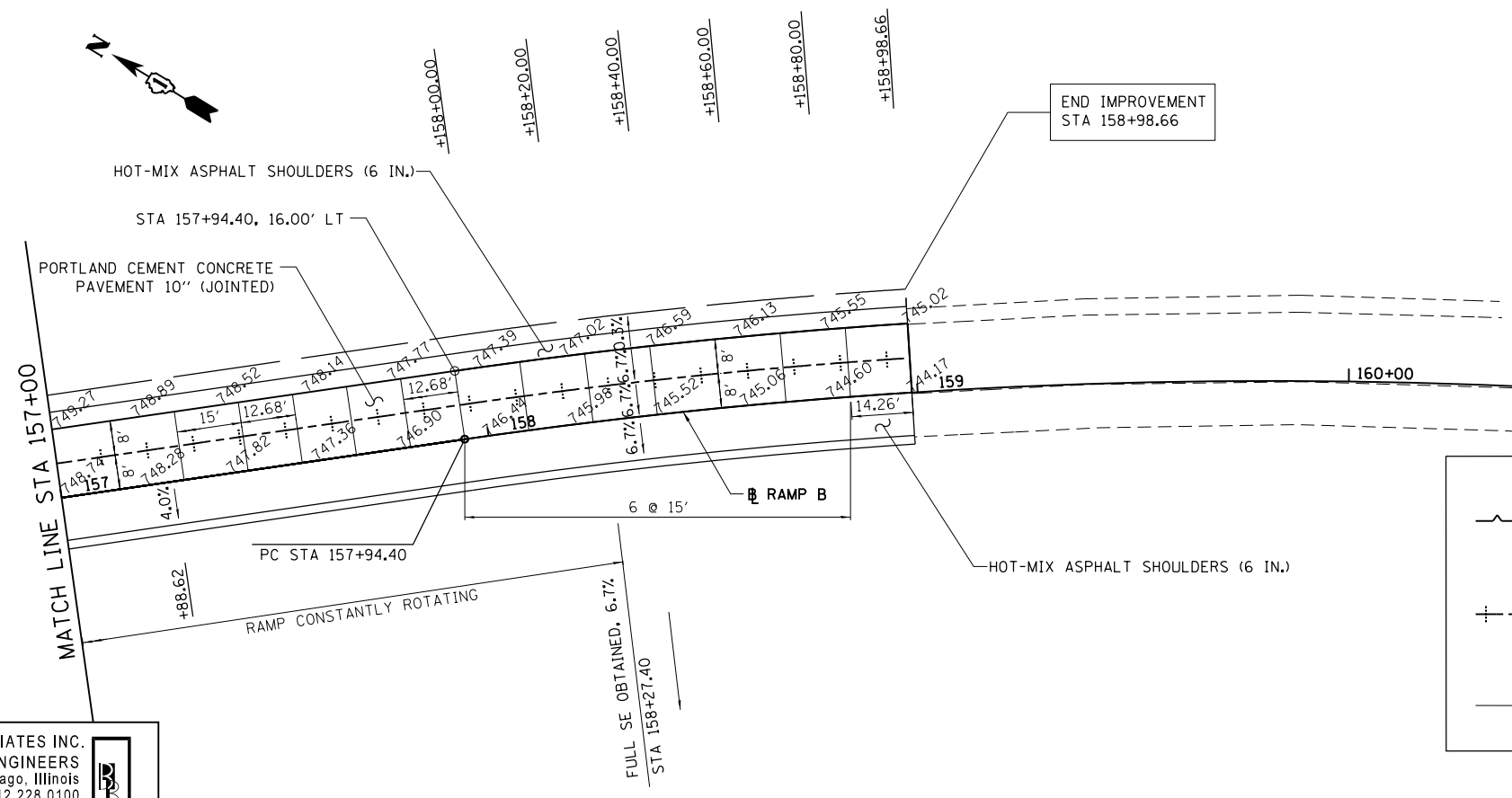
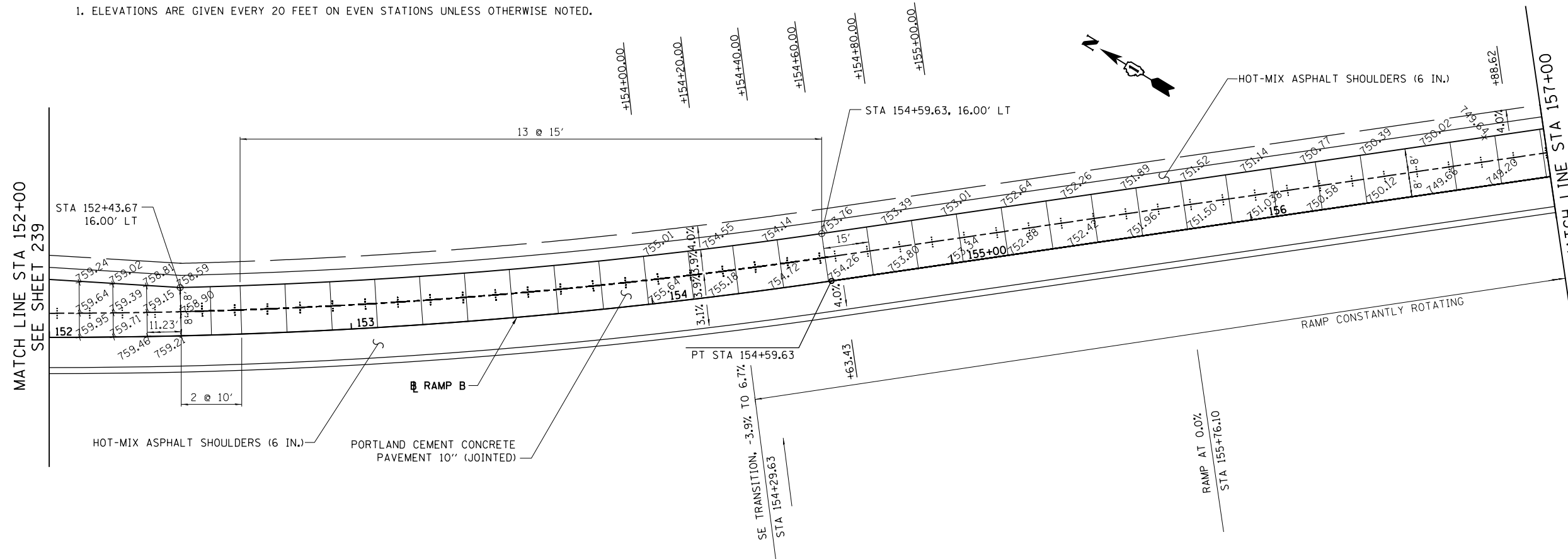
SCALE: 1" = 20' SHEET NO. 15 OF 17 SHEETS STA. 2041+00 TO STA. 2051+79.59

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94	49-1-R-1	LAKE	677	242
CONTRACT NO. 60L77				
ILLINOIS FED. AID PROJECT				

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NOTES

1. ELEVATIONS ARE GIVEN EVERY 20 FEET ON EVEN STATIONS UNLESS OTHERWISE NOTED.



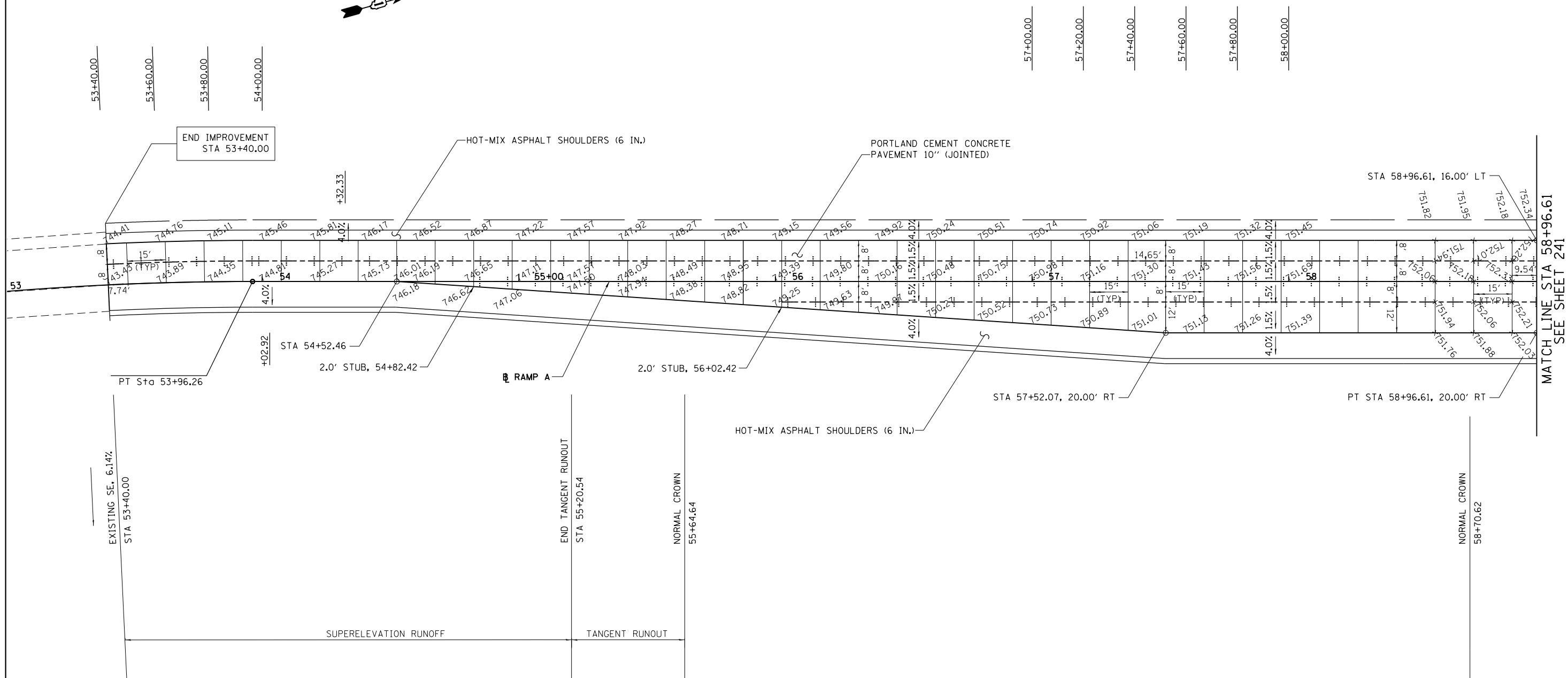
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	LONGITUDINAL SAWED OR CONSTRUCTION JOINT PER STD. 420001 (SHALL BE INCLUDED IN THE COST OF THE PORTLAND CEMENT CONCRETE PAVEMENT, (JOINTED) PAY ITEM OF THE SPECIFIED THICKNESS)
	SAWED TRANSVERSE CONTRACTION JOINT PER STANDARD 420001 WITH HOT POUR SEAL

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FILE NAME = #FILES#	USER NAME = default	DESIGNED - JMG	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	ILLINOIS 173 RAMP B JOINTING PLAN		F.A. RTE. 94	SECTION 49-1-R-1	COUNTY LAKE	TOTAL SHEETS 677	SHEET NO. 243
	PLOT SCALE = H1"=10' V1"=5'	DRAWN - JMG	REVISED -		SCALE: 1" = 20'	SHEET NO. 16 OF 17 SHEETS	STA. 152+00 TO STA. 158+98.66	CONTRACT NO. 60L77		ILLINOIS FED. AID PROJECT	
	PLOT DATE = 6/20/2012	CHECKED - RGR	REVISED -								

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LEGEND:

	LONGITUDINAL KEYPED CONSTRUCTION JOINT PER STD. 420001 (SHALL BE INCLUDED IN THE COST OF THE PORTLAND CEMENT CONCRETE PAVEMENT, (JOINTED) PAY ITEM OF THE SPECIFIED THICKNESS)
	LONGITUDINAL SAWED OR CONSTRUCTION JOINT PER STD. 420001 (SHALL BE INCLUDED IN THE COST OF THE PORTLAND CEMENT CONCRETE PAVEMENT, (JOINTED) PAY ITEM OF THE SPECIFIED THICKNESS)
	SAWED TRANSVERSE CONTRACTION JOINT PER STANDARD 420001 WITH HOT POUR SEAL

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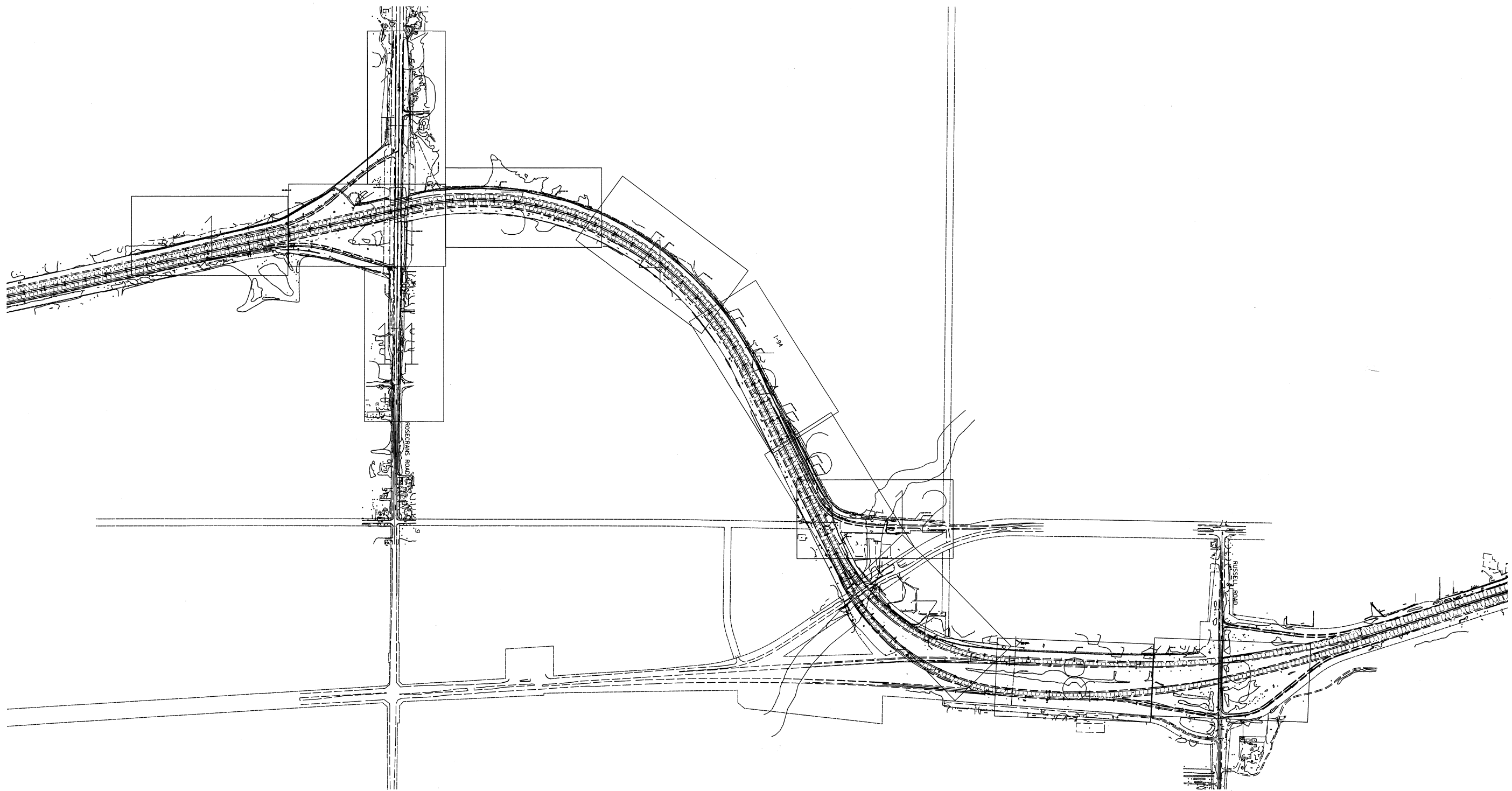
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	PLOT DATE = 6/20/2012	DATE - 6/19/2012	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

ILLINOIS 173 RAMP A JOINTING PLAN
 SCALE: 1" = 20' SHEET NO. 17 OF 17 SHEETS STA. 53+40 TO STA. 58+96.61

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94	49-1-R-1	LAKE	677	244
CONTRACT NO. 60L77				
ILLINOIS FED. AID PROJECT				

MATCH LINE STA 58+96.61
SEE SHEET 241

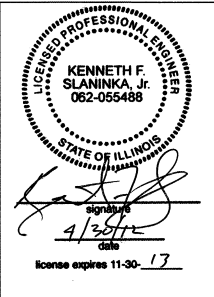


---	UNKNOWN
--- CTV --- CTV ---	CABLE TV
--- T --- T ---	TELEPHONE
--- G --- G ---	GAS
--- E --- E ---	ELECTRIC
--- W --- W ---	WATER
--- FO --- FO ---	FIBER OPTIC
--- S --- S ---	SEWER
⊕	TBE TEST HOLE

UTILITY OWNERS	
AT&T = TELEPHONE	
ISTHA (PAETEC) FOC = FIBER OPTIC	
ISTHA = FOC	
NORTH SHORE = GAS	
KINDER MORGAN = GAS	
COMED = ELECTRIC	

Utilities shown on these plans as depicted in the legend have been investigated by Cardno TBE in accordance with SUE Industry Standards. All other information shown has been provided to Cardno TBE by others. Cardno TBE's SUE field investigation was performed 11/01/11 through 12/01/11. Changes to utilities after 12/01/11 may have been made and therefore may result in variances from this plan. Consideration should be given to updating this plan if deemed advisable prior to final design and construction.

ALL UTILITIES SHOWN QUALITY LEVEL "B" UNLESS NOTED OTHERWISE.



TBE Job No. IL09510460, 466
SUE Plan Page: Cover

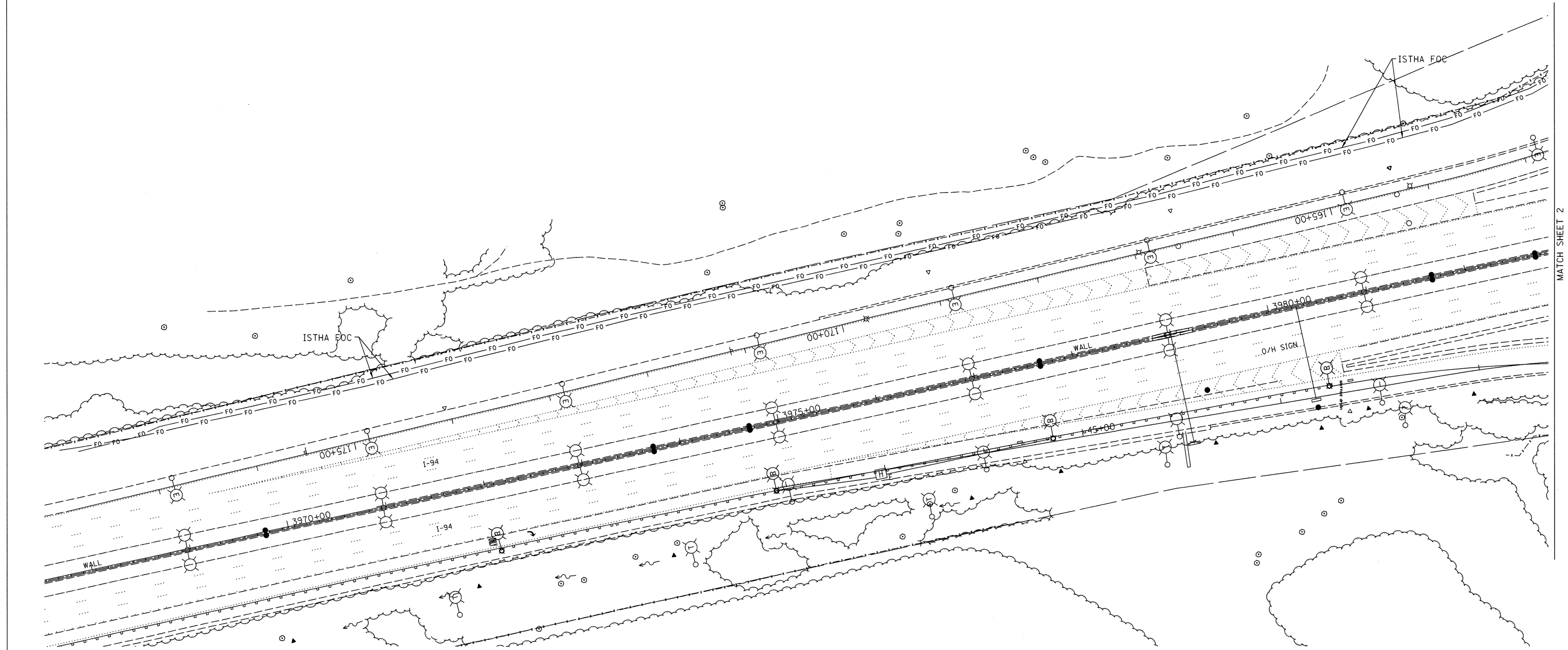
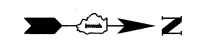
Utility Quality Level "A" : visually verified Test Hole
Utility Quality Level "B" : Designating/non Visually Verified Test Hole
Utility Quality Level "C" : Research with Survey
Utility Quality Level "D" : Records Research

DESIGNED	LP	REVISED	04/26/12
DRAWN	KLC	REVISED	
CHECKED	KFS	REVISED	
DATE	12/05/11	REVISED	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

I-94 at IL RT. 173 to Wisconsin State Line
Wadworth, IL

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	4-1R-1	Lake	677	245
Contract No. 60L77				
FED. ROAD DIST. NO. ILLINOIS IDOT Project No.				



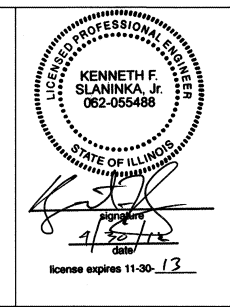
MATCH SHEET 2


—	UNKNOWN
— CTV —	CABLE TV
— T —	TELEPHONE
— (G) —	GAS
— E —	ELECTRIC
— W —	WATER
— FO —	FIBER OPTIC
—) —	SEWER
⊕	TBE TEST HOLE

UTILITY OWNERS	
AT&T = TELEPHONE	
ISTHA (PAETEC) FOC = FIBER OPTIC	
ISTHA = FOC	
NORTH SHORE = GAS	
KINDER MORGAN = GAS	
COMED = ELECTRIC	

Utilities shown on these plans as depicted in the legend have been investigated by Cardno TBE in accordance with SUE Industry Standards. All other information shown has been provided to Cardno TBE by others. Cardno TBE's SUE field investigation was performed 11/01/11 through 12/01/11. Changes to utilities after 12/01/11 may have been made and therefore may result in variances from this plan. Consideration should be given to updating this plan if deemed advisable prior to final design and construction.

ALL UTILITIES SHOWN QUALITY LEVEL "B" UNLESS NOTED OTHERWISE.





Cardno TBE
CIVIL ENGINEERING * TRANSPORTATION * ENVIRONMENTAL * PLANNING * UTILITY ENGINEERING/LOCATING

TBE Job No. IL09510460, 466
SUE Plan Page: 1 of 12

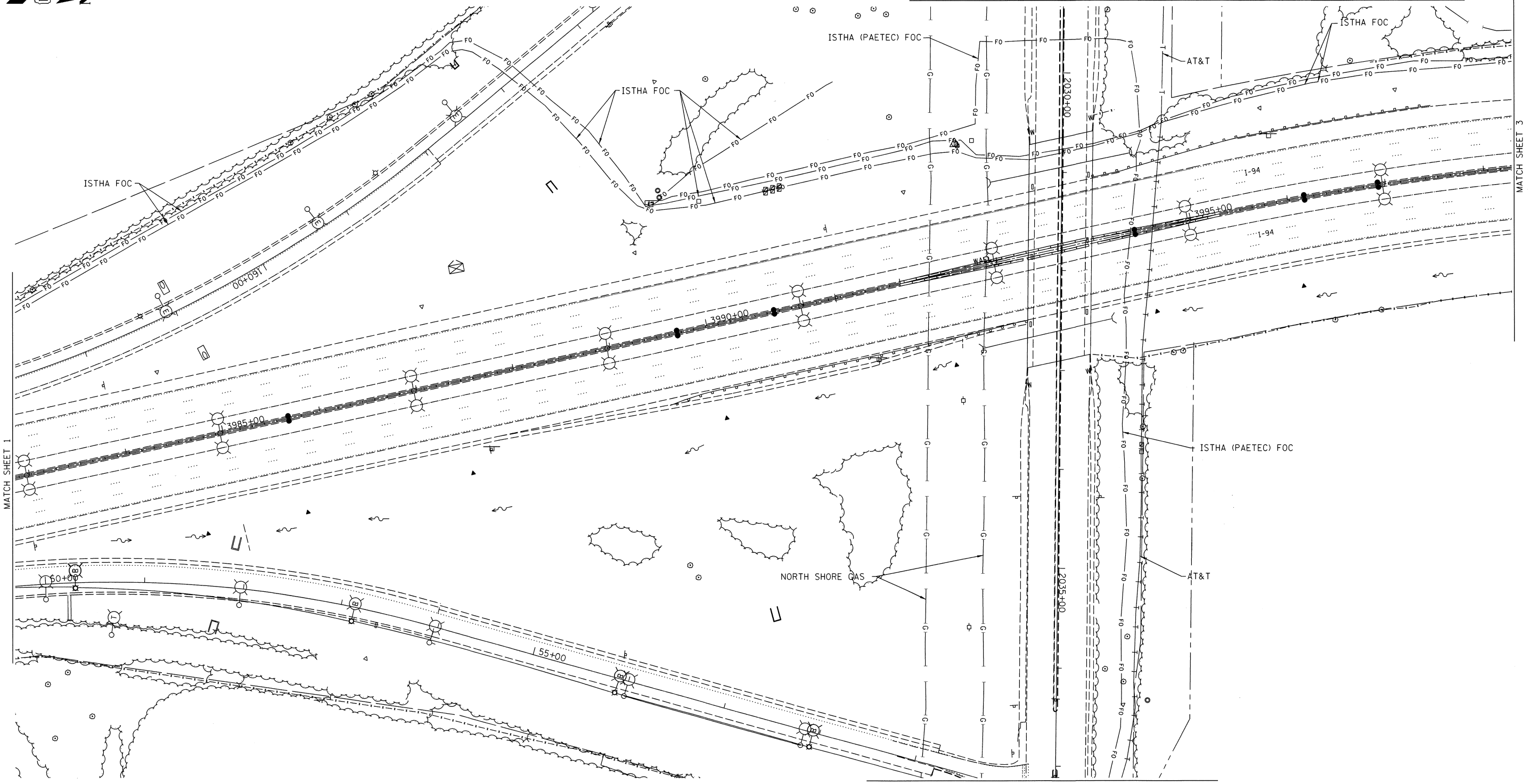
Utility Quality Level "A" : visually verified Test Hole
 Utility Quality Level "B" : Designating/non Visually Verified Test Hole
 Utility Quality Level "C" : Research with Survey
 Utility Quality Level "D" : Records Research

DESIGNED <i>LP</i>	REVISED
DRAWN <i>KLC</i>	REVISED
CHECKED <i>KFS</i>	REVISED
DATE <i>12/05/11</i>	REVISED

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**I-94 at IL RT. 173 to Wisconsin State Line
Wadworth, IL**

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	4-1R-1	Lake	677	246
FED. ROAD DIST. NO. ILLINOIS IDOT Project No.			Contract No. 60L77	



MATCH SHEET 1

MATCH SHEET 3

MATCH SHEET 11

---	UNKNOWN
— CTV —	CABLE TV
— T —	TELEPHONE
— (G) —	GAS
— E —	ELECTRIC
— W —	WATER
— FO —	FIBER OPTIC
—) —	SEWER
⊕	TBE TEST HOLE

UTILITY OWNERS	
AT&T = TELEPHONE	
ISTHA (PAETEC) FOC = FIBER OPTIC	
ISTHA = FOC	
NORTH SHORE = GAS	
KINDER MORGAN = GAS	
COMED = ELECTRIC	

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ALL UTILITIES SHOWN QUALITY LEVEL "B" UNLESS NOTED OTHERWISE.



TBE Job No. IL09510460, 466
SUE Plan Page: 2 of 12

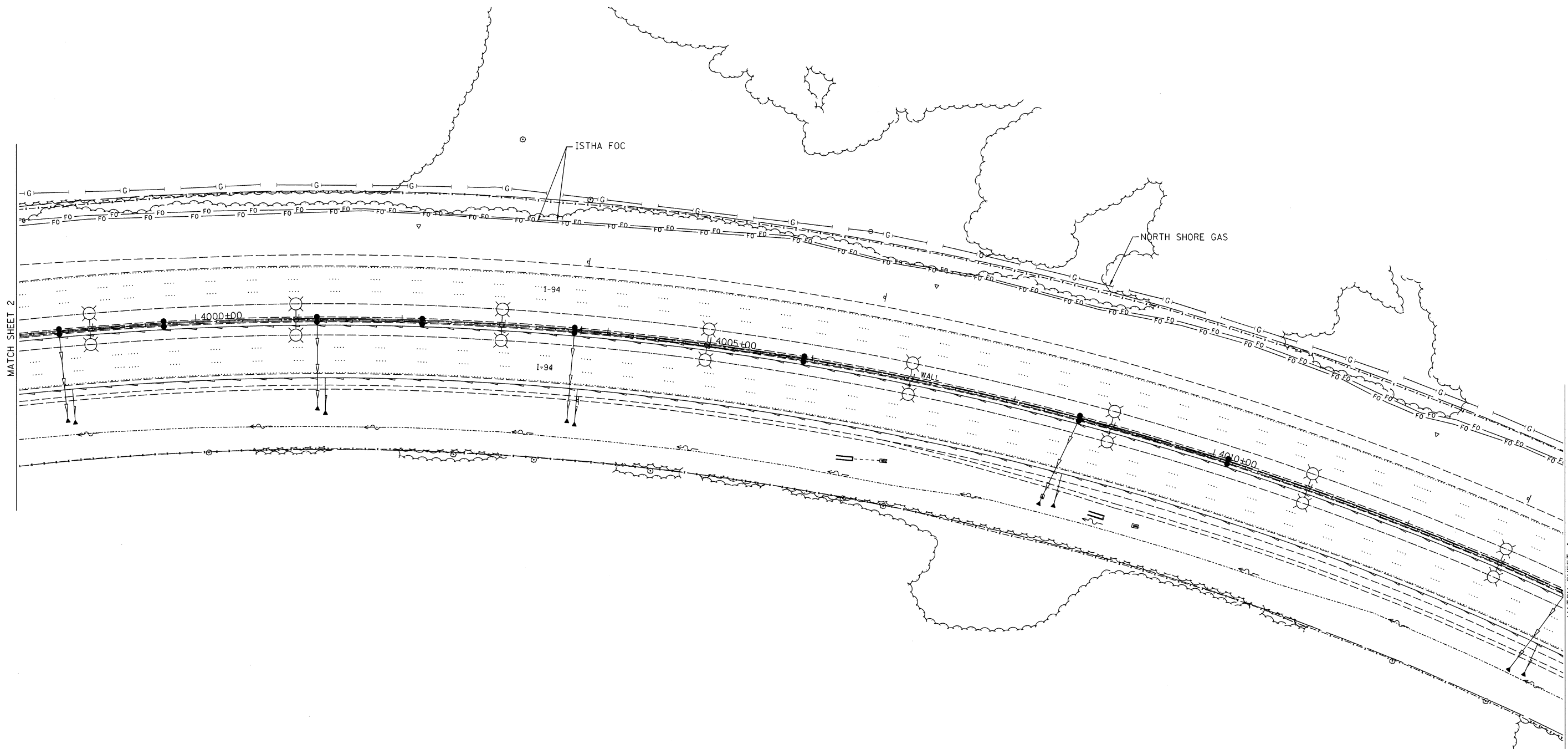
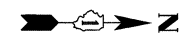
Utility Quality Level "A" : visually verified Test Hole
Utility Quality Level "B" : Designating/non Visually Verified Test Hole
Utility Quality Level "C" : Research with Survey
Utility Quality Level "D" : Records Research

DESIGNED LP	REVISED 04/24/12
DRAWN KLC	REVISED
CHECKED KFS	REVISED
DATE 12/05/11	REVISED

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

I-94 at IL RT. 173 to Wisconsin State Line
Wadworth, IL

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	4-IR-1	Lake	677	247
FED. ROAD DIST. NO. ILLINOIS IDOT Project No.			Contract No. 60L77	

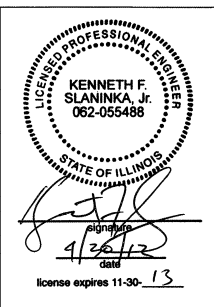


—	UNKNOWN
— CTV —	CABLE TV
— T —	TELEPHONE
— (G) —	GAS
— E —	ELECTRIC
— W —	WATER
— FO —	FIBER OPTIC
—) —) —	SEWER
⊕	TBE TEST HOLE

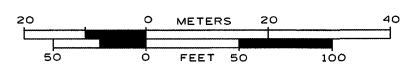
UTILITY OWNERS	
AT&T = TELEPHONE	
ISTHA (PAETEC) FOC = FIBER OPTIC	
ISTHA = FOC	
NORTH SHORE = GAS	
KINDER MORGAN = GAS	
COMED = ELECTRIC	

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ALL UTILITIES SHOWN QUALITY LEVEL "B" UNLESS NOTED OTHERWISE.



TBE Job No. IL09510460, 466
SUE Plan Page: 3 of 12



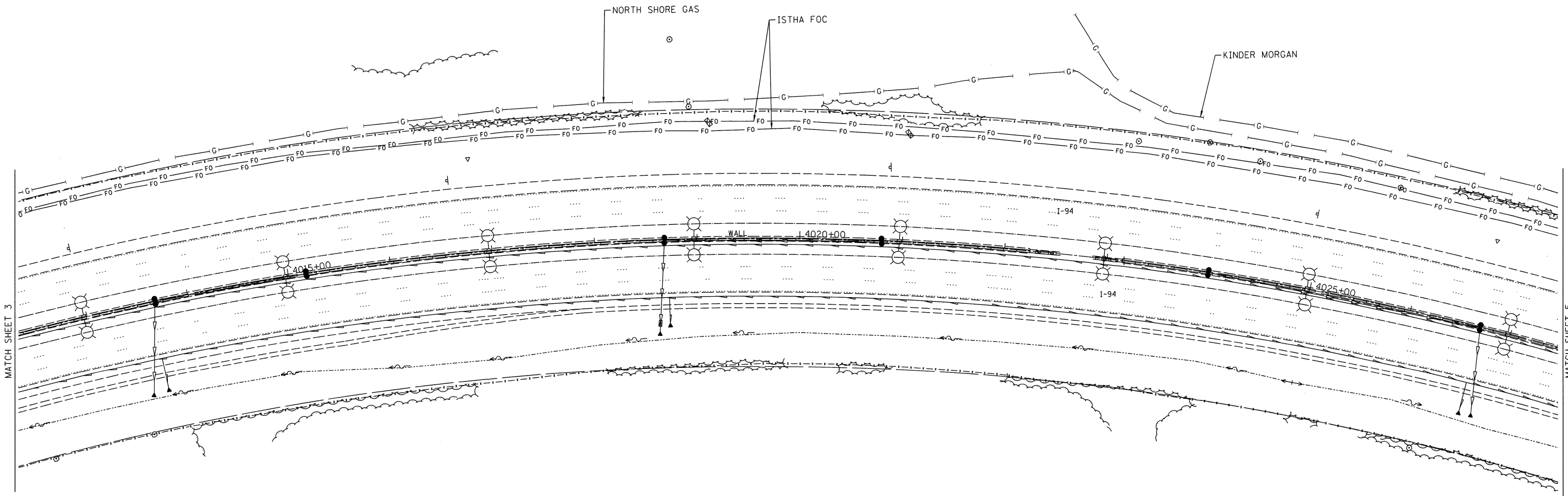
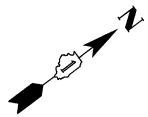
Utility Quality Level "A" : visually verified Test Hole
 Utility Quality Level "B" : Designating/non Visually Verified Test Hole
 Utility Quality Level "C" : Research with Survey
 Utility Quality Level "D" : Records Research

DESIGNED LP	REVISED
DRAWN KLC	REVISED
CHECKED KFS	REVISED
DATE 12/05/11	REVISED

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

I-94 at IL RT. 173 to Wisconsin State Line
Wadworth, IL

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	4-1R-1	Lake	677	248
FED. ROAD DIST. NO. ILLINOIS IDOT Project No.			Contract No. 60L77	

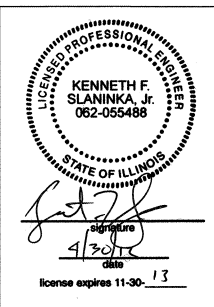


---	UNKNOWN
CTV	CABLE TV
T	TELEPHONE
G	GAS
E	ELECTRIC
W	WATER
FO	FIBER OPTIC
---	SEWER
+	TBE TEST HOLE

UTILITY OWNERS	
AT&T	= TELEPHONE
ISTHA (PAETEC) FOC	= FIBER OPTIC
ISTHA	= FOC
NORTH SHORE	= GAS
KINDER MORGAN	= GAS
COMED	= ELECTRIC

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Cardno TBE
CIVIL ENGINEERING * TRANSPORTATION * ENVIRONMENTAL * PLANNING * UTILITY ENGINEERING/LOCATING

TBE Job No. IL09510460, 466
SUE Plan Page: 4 of 12

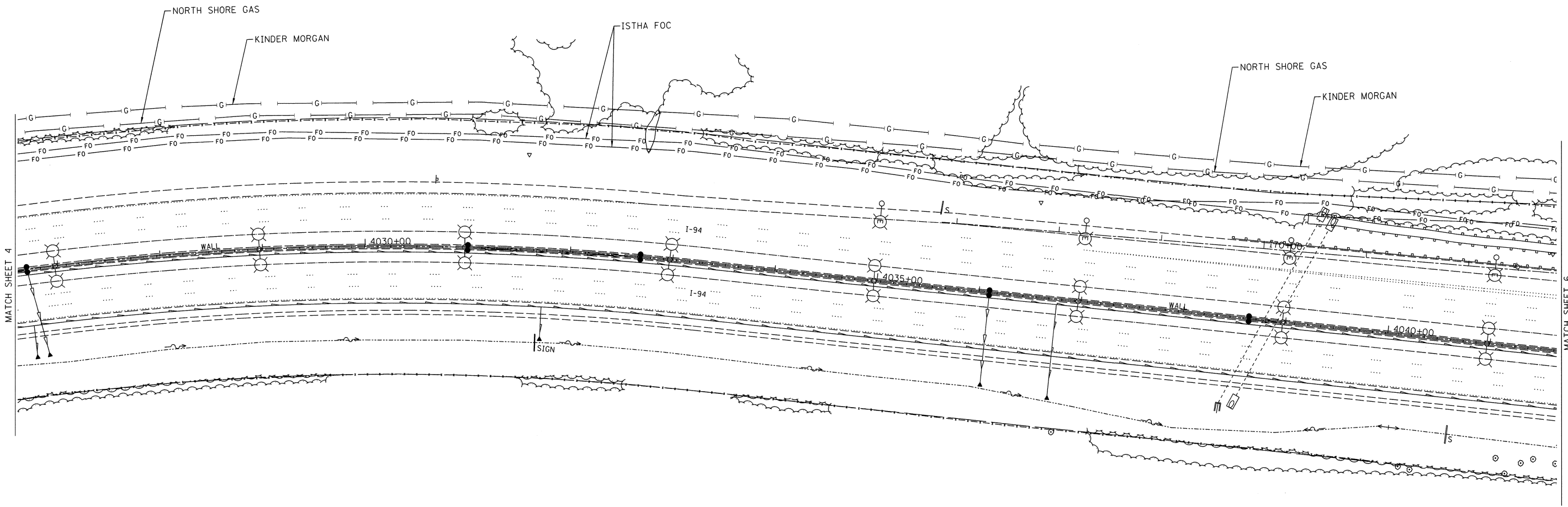
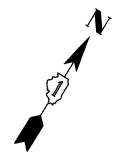
Utility Quality Level "A" : visually verified Test Hole
Utility Quality Level "B" : Designating/non Visually Verified Test Hole
Utility Quality Level "C" : Research with Survey
Utility Quality Level "D" : Records Research

DESIGNED	LP	REVISED	
DRAWN	KLC	REVISED	
CHECKED	KFS	REVISED	
DATE	12/05/11	REVISED	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

I-94 at IL RT. 173 to Wisconsin State Line
Wadworth, IL

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	4-1R-1	Lake	677	249
FED. ROAD DIST. NO. ILLINOIS IDOT Project No.			Contract No. 60L77	

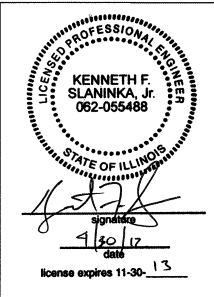


---	UNKNOWN
— CTV — CTV	CABLE TV
— T — T	TELEPHONE
— G — G	GAS
— E — E	ELECTRIC
— W — W	WATER
— FO — FO	FIBER OPTIC
— S — S	SEWER
⊕	TBE TEST HOLE

UTILITY OWNERS	
AT&T = TELEPHONE	
ISTHA (PAETEC) FOC = FIBER OPTIC	
ISTHA = FOC	
NORTH SHORE = GAS	
KINDER MORGAN = GAS	
COMED = ELECTRIC	

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UNLESS NOTED OTHERWISE.



TBE Job No. IL09510460, 466
SUE Plan Page: 5 of 12

Utility Quality Level "A" : visually verified Test Hole
Utility Quality Level "B" : Designating/non Visually Verified Test Hole
Utility Quality Level "C" : Research with Survey
Utility Quality Level "D" : Records Research

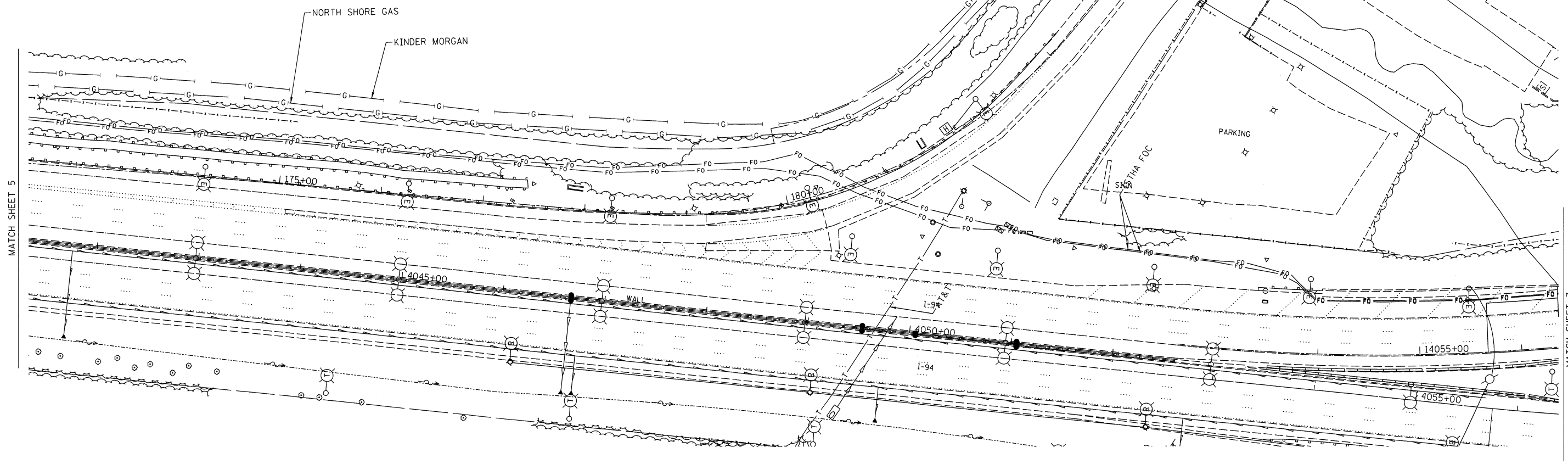
DESIGNED	LP	REVISED	
DRAWN	KLC	REVISED	
CHECKED	KFS	REVISED	
DATE	12/05/11	REVISED	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

I-94 at IL RT. 173 to Wisconsin State Line
Wadworth, IL

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	4-1R-1	Lake	677	250
FED. ROAD DIST. NO. ILLINOIS IDOT Project No.			Contract No. 60L77	

SEE SHEET 12



MATCH SHEET 5

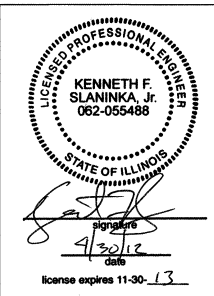
MATCH SHEET 7

--- UNKNOWN
--- CTV --- CTV --- CABLE TV
--- T --- T --- TELEPHONE
--- G --- G --- GAS
--- E --- E --- ELECTRIC
--- W --- W --- WATER
--- FO --- FO --- FIBER OPTIC
--- S --- S --- SEWER
⊕ TBE TEST HOLE

UTILITY OWNERS	
AT&T = TELEPHONE	ISTHA (PAETEC) FOC = FIBER OPTIC
ISTHA = FOC	NORTH SHORE = GAS
KINDER MORGAN = GAS	COMED = ELECTRIC

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TBE Job No. IL09510460, 466
SUE Plan Page: 6 of 12

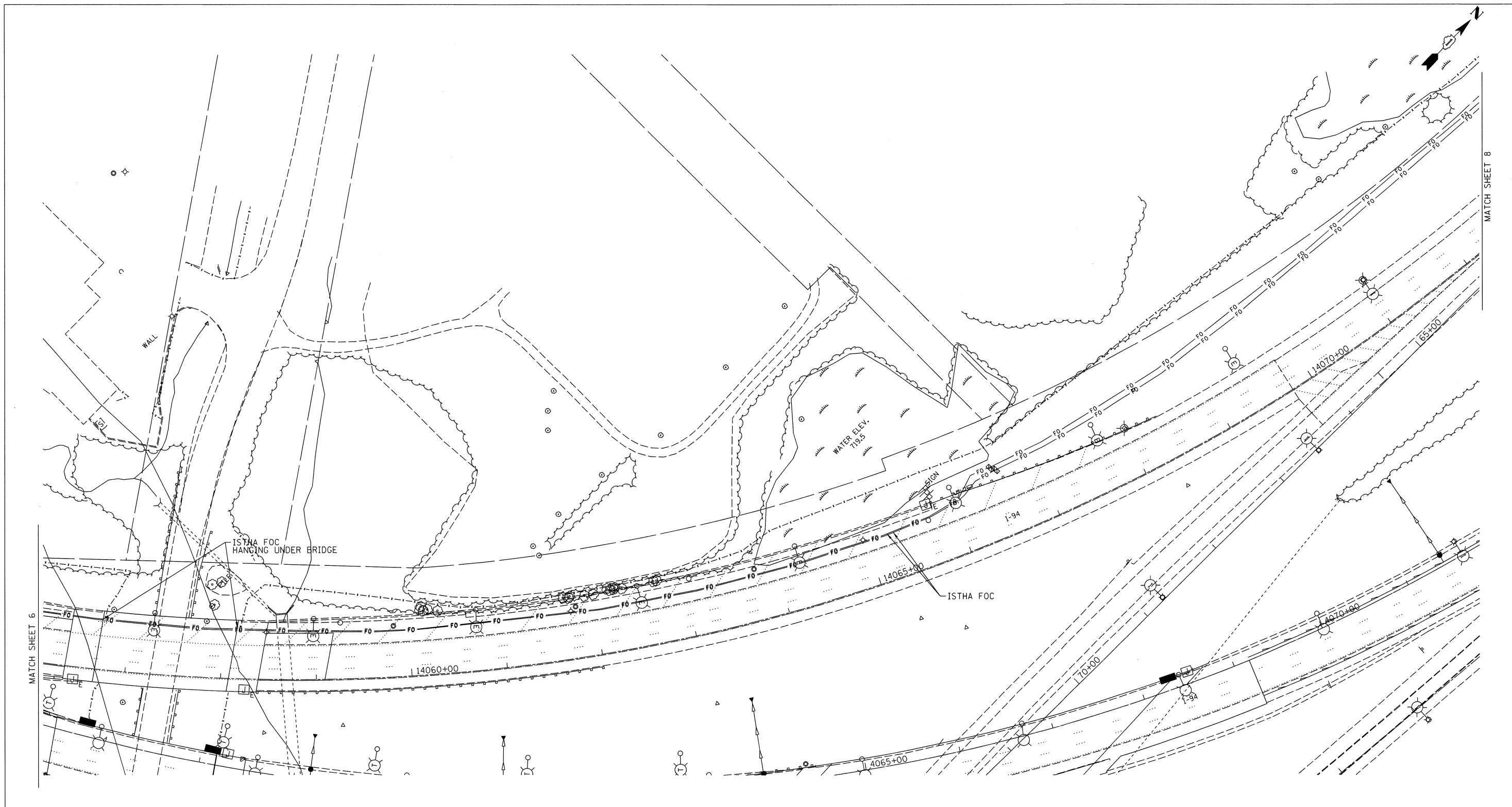
Utility Quality Level "A": visually verified Test Hole
Utility Quality Level "B": Designating/non Visually Verified Test Hole
Utility Quality Level "C": Research with Survey
Utility Quality Level "D": Records Research

DESIGNED LP	REVISED
DRAWN KLC	REVISED
CHECKED KFS	REVISED
DATE 12/05/11	REVISED

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

I-94 at IL RT. 173 to Wisconsin State Line
Wadworth, IL

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	4-1R-1	Lake	677	251
FED. ROAD DIST. NO. ILLINOIS IDOT Project No.			Contract No. 60L77	

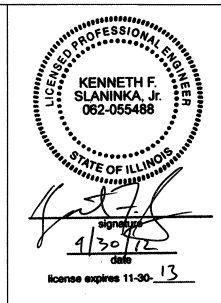


—	UNKNOWN
— CTV — CTV —	CABLE TV
— T — T —	TELEPHONE
— (G) — (G) —	GAS
— E — E —	ELECTRIC
— W — W —	WATER
— FO — FO —	FIBER OPTIC
—) —) —	SEWER
⊕	TBE TEST HOLE

UTILITY OWNERS	
AT&T = TELEPHONE	
ISTHA (PAETEC) FOC = FIBER OPTIC	
ISTHA = FOC	
NORTH SHORE = GAS	
KINDER MORGAN = GAS	
COMED = ELECTRIC	

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TBE Job No. IL09510460, 466
SUE Plan Page: 7 of 12

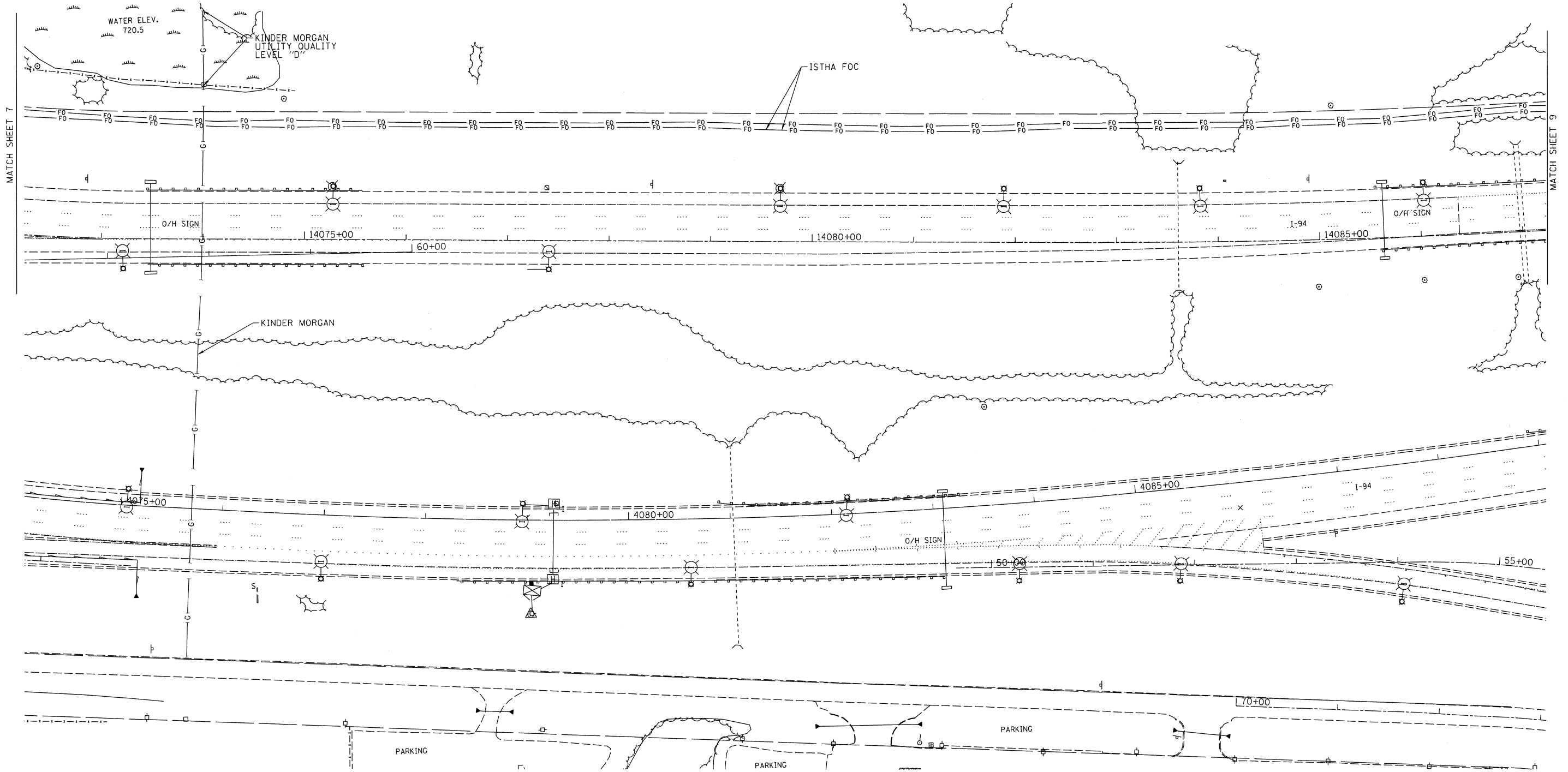
Utility Quality Level "A" : visually verified Test Hole
Utility Quality Level "B" : Designating/non Visually Verified Test Hole
Utility Quality Level "C" : Research with Survey
Utility Quality Level "D" : Records Research

DESIGNED LP	REVISED
DRAWN KLC	REVISED
CHECKED KFS	REVISED
DATE 12/05/11	REVISED

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

I-94 at IL RT. 173 to Wisconsin State Line
Wadworth, IL

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	4-IR-1	Lake	677	252
Contract No. 60L77				
FED. ROAD DIST. NO. ILLINOIS IDOT Project No.				

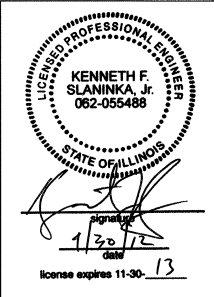


---	UNKNOWN
---CTV---	CABLE TV
---T---	TELEPHONE
---G---	GAS
---E---	ELECTRIC
---W---	WATER
---FO---	FIBER OPTIC
---S---	SEWER
---⊕---	TBE TEST HOLE

UTILITY OWNERS	
AT&T = TELEPHONE	ISTHA (PAETEC) FOC = FIBER OPTIC
ISTHA = FOC	NORTH SHORE = GAS
KINDER MORGAN = GAS	COMED = ELECTRIC

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TBE Job No. IL09510460, 466
SUE Plan Page: 8 of 12

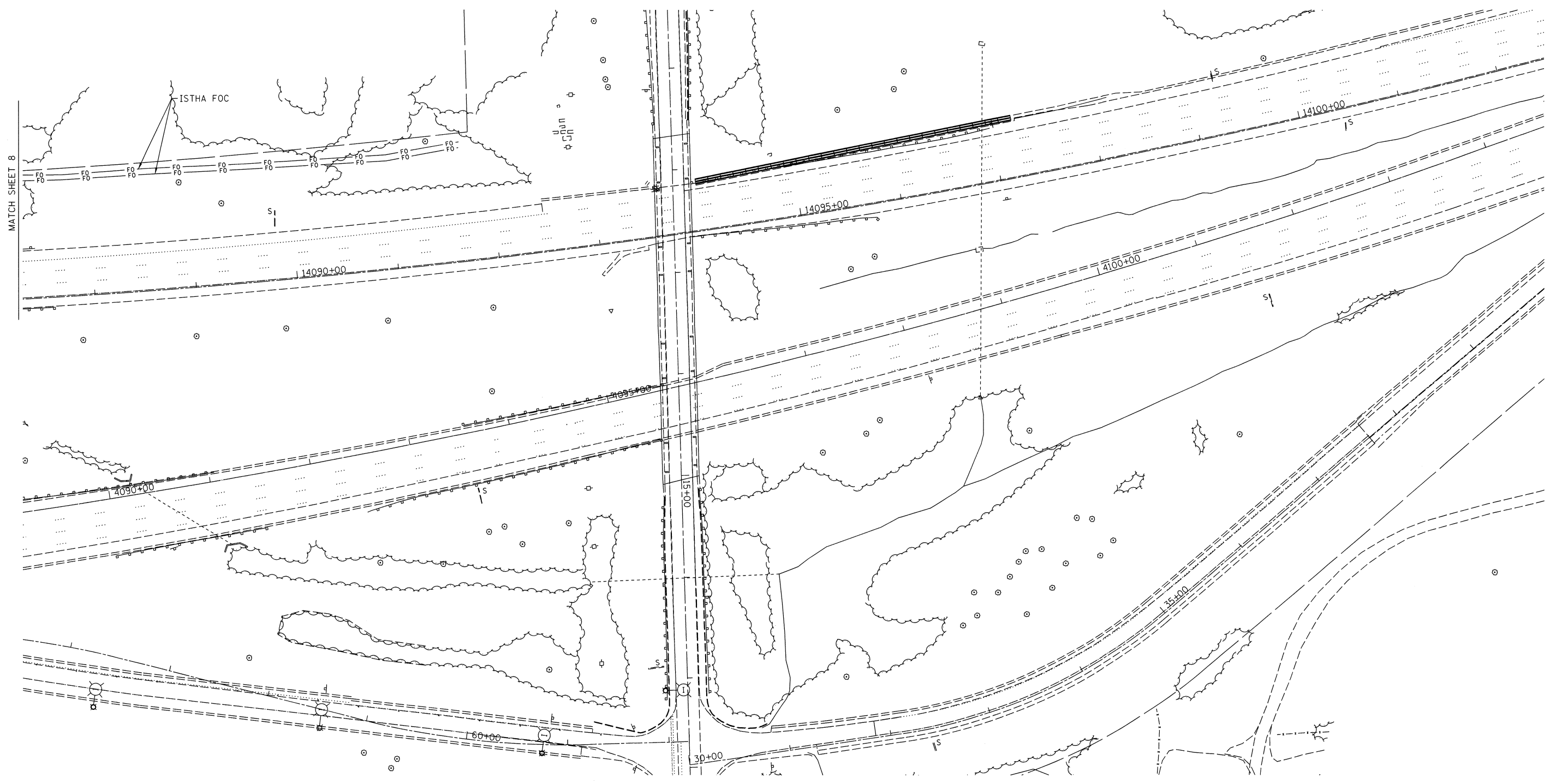
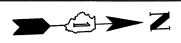
Utility Quality Level "A": visually verified Test Hole
Utility Quality Level "B": Designating/non Visually Verified Test Hole
Utility Quality Level "C": Research with Survey
Utility Quality Level "D": Records Research

DESIGNED	LP	REVISED	
DRAWN	KLC	REVISED	
CHECKED	KFS	REVISED	
DATE	12/05/11	REVISED	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

I-94 at IL RT. 173 to Wisconsin State Line
Wadworth, IL

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	4-1R-1	Lake	677	253
Contract No. 60L77				
FED. ROAD DIST. NO. ILLINOIS IDOT Project No.				

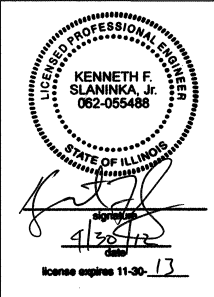
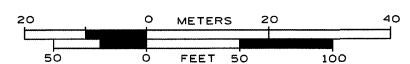


—	UNKNOWN
— CTV —	CABLE TV
— T —	TELEPHONE
— (G) —	GAS
— E —	ELECTRIC
— W —	WATER
— FO —	FIBER OPTIC
— S —	SEWER
⊕	TBE TEST HOLE

UTILITY OWNERS	
AT&T = TELEPHONE	
ISTHA (PAETEC) FOC = FIBER OPTIC	
ISTHA = FOC	
NORTH SHORE = GAS	
KINDER MORGAN = GAS	
COMED = ELECTRIC	

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TBE Job No. IL09510460, 466
SUE Plan Page: 9 of 12

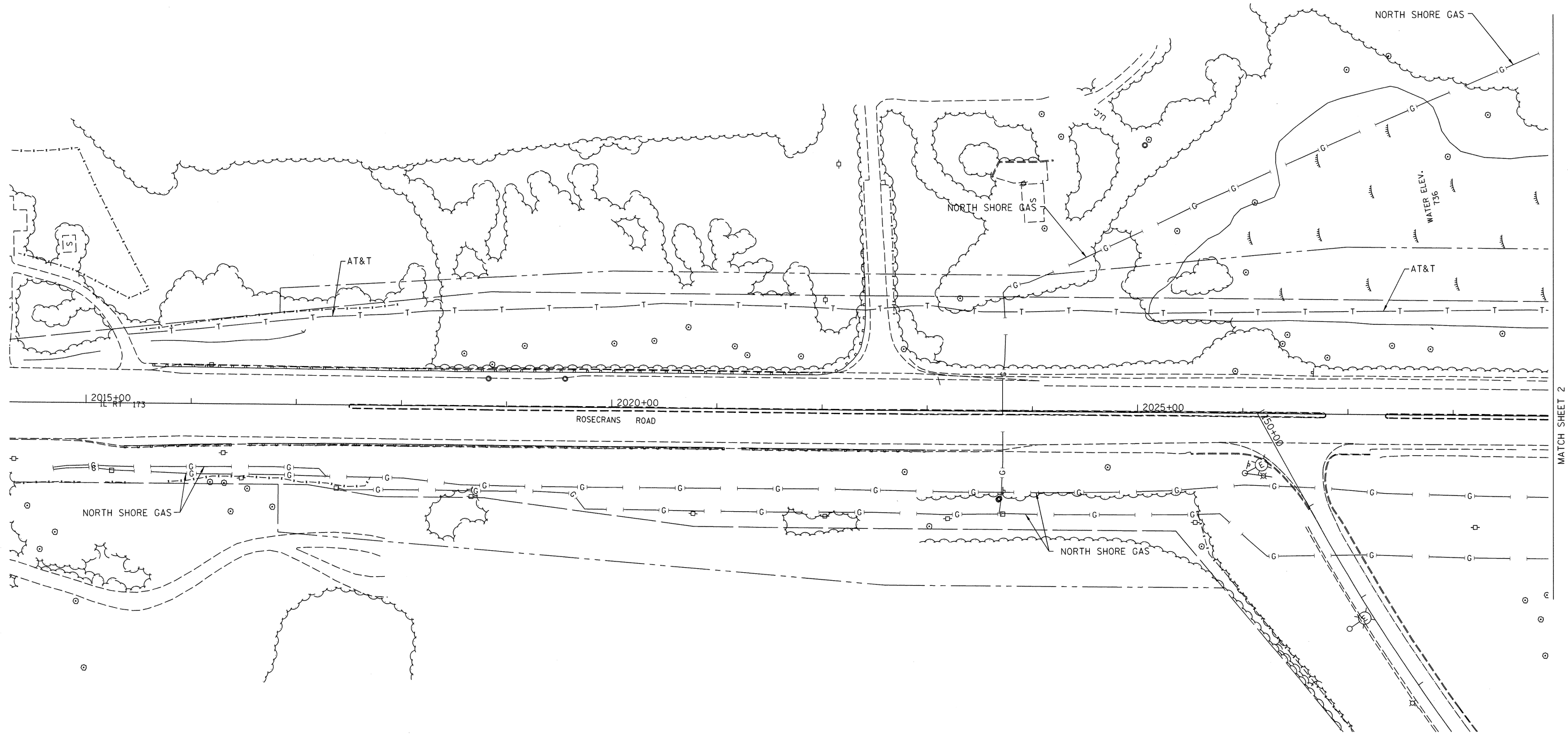
Utility Quality Level "A" : visually verified Test Hole
Utility Quality Level "B" : Designating/non Visually Verified Test Hole
Utility Quality Level "C" : Research with Survey
Utility Quality Level "D" : Records Research

DESIGNED LP	REVISED
DRAWN KLC	REVISED
CHECKED KFS	REVISED
DATE 12/05/11	REVISED

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

I-94 at IL RT. 173 to Wisconsin State Line
Wadworth, IL

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	4-1R-1	Lake	677	254
FED. ROAD DIST. NO. ILLINOIS IDOT Project No.			Contract No. 60L77	

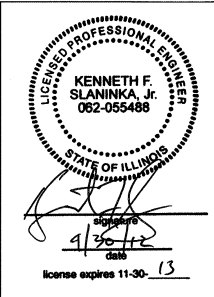


-----	UNKNOWN
---CTV---	CABLE TV
---T---	TELEPHONE
---G---	GAS
---E---	ELECTRIC
---W---	WATER
---FO---	FIBER OPTIC
---S---	SEWER
⊕	TBE TEST HOLE

UTILITY OWNERS	
AT&T = TELEPHONE	
ISTHA (PAETEC) FOC = FIBER OPTIC	
ISTHA = FOC	
NORTH SHORE = GAS	
KINDER MORGAN = GAS	
COMED = ELECTRIC	

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UNLESS NOTED OTHERWISE.



TBE Job No. IL09510460, 466
SUE Plan Page: 10 of 12

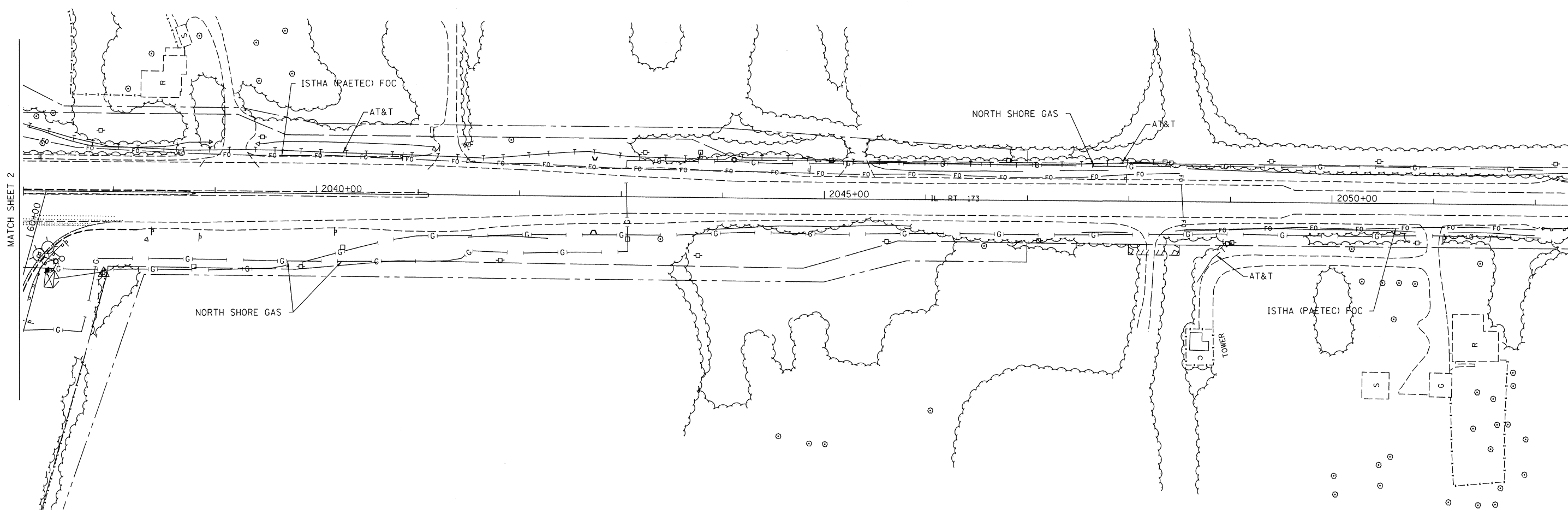
Utility Quality Level "A" : visually verified Test Hole
Utility Quality Level "B" : Designating/non Visually Verified Test Hole
Utility Quality Level "C" : Research with Survey
Utility Quality Level "D" : Records Research

DESIGNED LP	REVISED 04/24/12
DRAWN KLC	REVISED
CHECKED KFS	REVISED
DATE 12/05/11	REVISED

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

I-94 at IL RT. 173 to Wisconsin State Line
Wadworth, IL

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	4-1R-1	Lake	677	255
FED. ROAD DIST. NO. ILLINOIS IDOT Project No.			Contract No. 60L77	

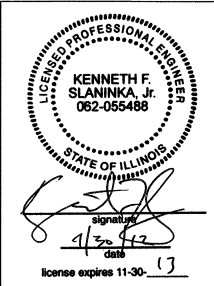


---	UNKNOWN
— CTV — CTV —	CABLE TV
— T — T —	TELEPHONE
— G — G —	GAS
— E — E —	ELECTRIC
— W — W —	WATER
— FO — FO —	FIBER OPTIC
— S — S —	SEWER
⊕	TBE TEST HOLE

UTILITY OWNERS	
AT&T = TELEPHONE	
ISTHA (PAETEC) FOC = FIBER OPTIC	
ISTHA = FOC	
NORTH SHORE = GAS	
KINDER MORGAN = GAS	
COMED = ELECTRIC	

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UNLESS NOTED OTHERWISE.



TBE Job No. IL09510460, 466
SUE Plan Page: 11 of 12

Utility Quality Level "A" : visually verified Test Hole
Utility Quality Level "B" : Designating/non Visually Verified Test Hole
Utility Quality Level "C" : Research with Survey
Utility Quality Level "D" : Records Research

DESIGNED	LP	REVISED	04/24/12
DRAWN	KLC	REVISED	
CHECKED	KFS	REVISED	
DATE	12/05/11	REVISED	

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**I-94 at IL RT. 173 to Wisconsin State Line
Wadworth, IL**

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	4-1R-1	Lake	677	256
Contract No. 60L77				
FED. ROAD DIST. NO. ILLINOIS IDOT Project No.				



SEE SHEET 6



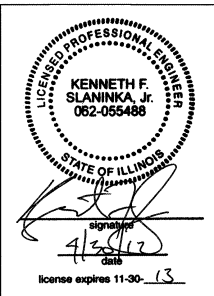
SEE SHEET 6

--- UNKNOWN
--- CTV --- CTV --- CABLE TV
--- T --- T --- TELEPHONE
--- G --- G --- GAS
--- E --- E --- ELECTRIC
--- W --- W --- WATER
--- FO --- FO --- FIBER OPTIC
--- S --- S --- SEWER
⊕ TBE TEST HOLE

UTILITY OWNERS	
AT&T = TELEPHONE	ISTHA (PAETEC) FOC = FIBER OPTIC
ISTHA = FOC	NORTH SHORE = GAS
KINDER MORGAN = GAS	COMED = ELECTRIC

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Cardno TBE
CIVIL ENGINEERING * TRANSPORTATION * ENVIRONMENTAL * PLANNING * UTILITY ENGINEERING/LOCATING

TBE Job No. IL09510460, 466
SUE Plan Page: 12 of 12

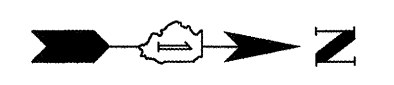
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Utility Quality Level "B" : Designating/non Visually Verified Test Hole
Utility Quality Level "C" : Research with Survey
Utility Quality Level "D" : Records Research

DESIGNED LP	REVISED
DRAWN KLC	REVISED
CHECKED KFS	REVISED
DATE 12/05/11	REVISED

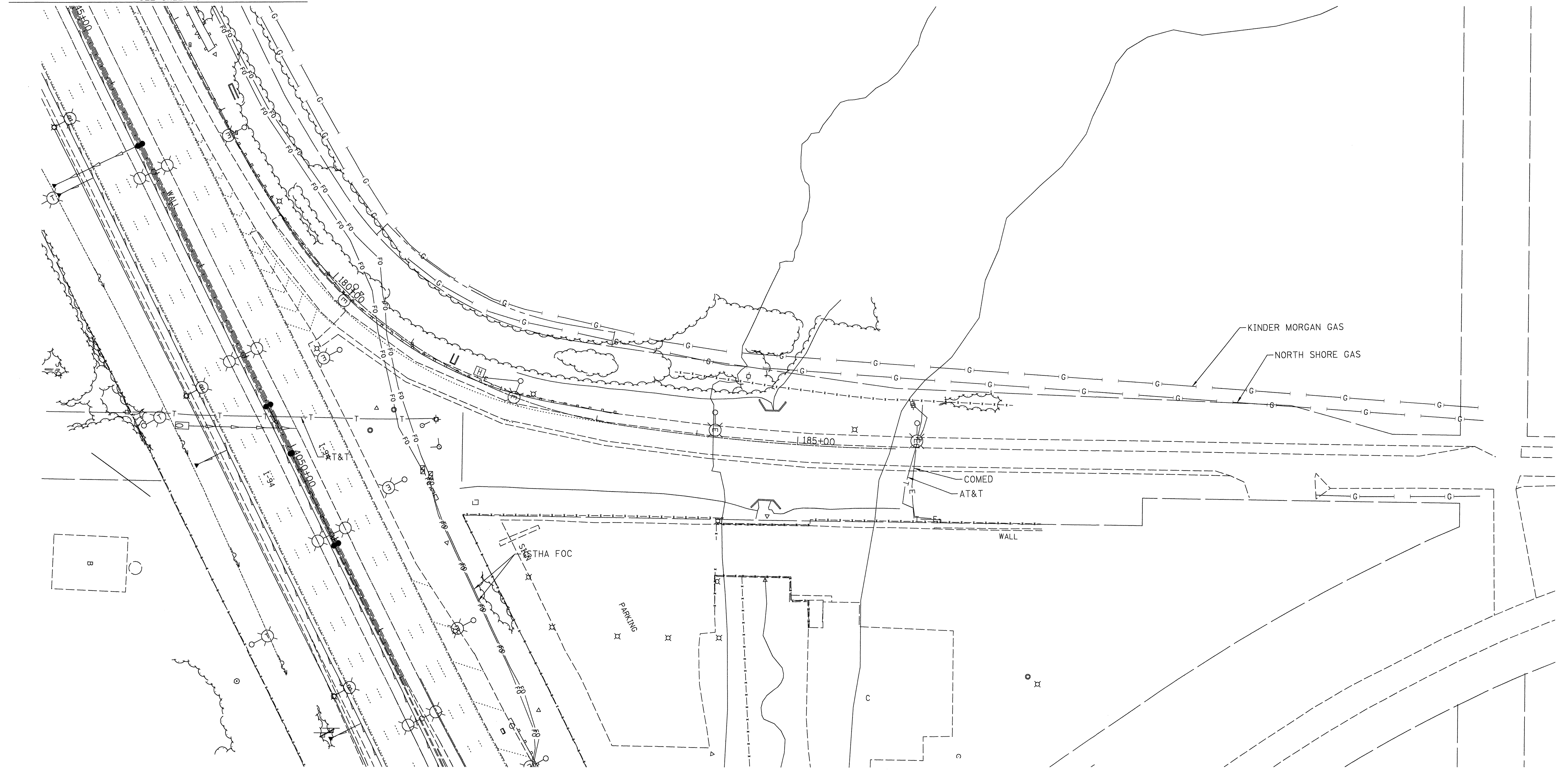
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

I-94 at IL RT. 173 to Wisconsin State Line
Wadworth, IL

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	4-IR-1	Lake	677	257
FED. ROAD DIST. NO. ILLINOIS IDOT Project No.			Contract No. 60L77	



SEE SHEET 6



SEE SHEET 6

—	UNKNOWN
— CTV —	CABLE TV
— T —	TELEPHONE
— G —	GAS
— E —	ELECTRIC
— W —	WATER
— FO —	FIBER OPTIC
— S —	SEWER
⊕	TBE TEST HOLE

UTILITY OWNERS	
AT&T	= TELEPHONE
ISTHA (PAETEC) FOC	= FIBER OPTIC
ISTHA	= FOC
NORTH SHORE	= GAS
KINDER MORGAN	= GAS
COMED	= ELECTRIC

Utilities shown on these plans as depicted in the legend have been investigated by Cardno TBE in accordance with SUE Industry Standards. All other information shown has been provided to Cardno TBE by others. Cardno TBE's SUE field investigation was performed 11/01/11 through 12/01/11. Changes to utilities after 12/01/11 may have been made and therefore may result in variances from this plan. Consideration should be given to updating this plan if deemed advisable prior to final design and construction.

ALL UTILITIES SHOWN QUALITY LEVEL "B" UNLESS NOTED OTHERWISE.

signature _____

 date _____

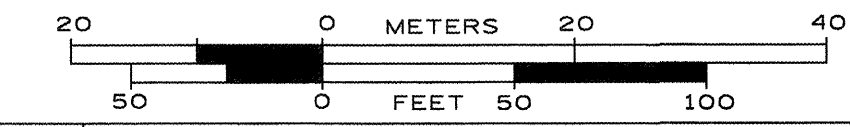
 license expires 11-30-____

CIVIL ENGINEERING * TRANSPORTATION * ENVIRONMENTAL

*** PLANNING * UTILITY ENGINEERING/LOCATING**

 TBE Job No. IL09510460, 466

 SUE Plan Page: 12 of 12



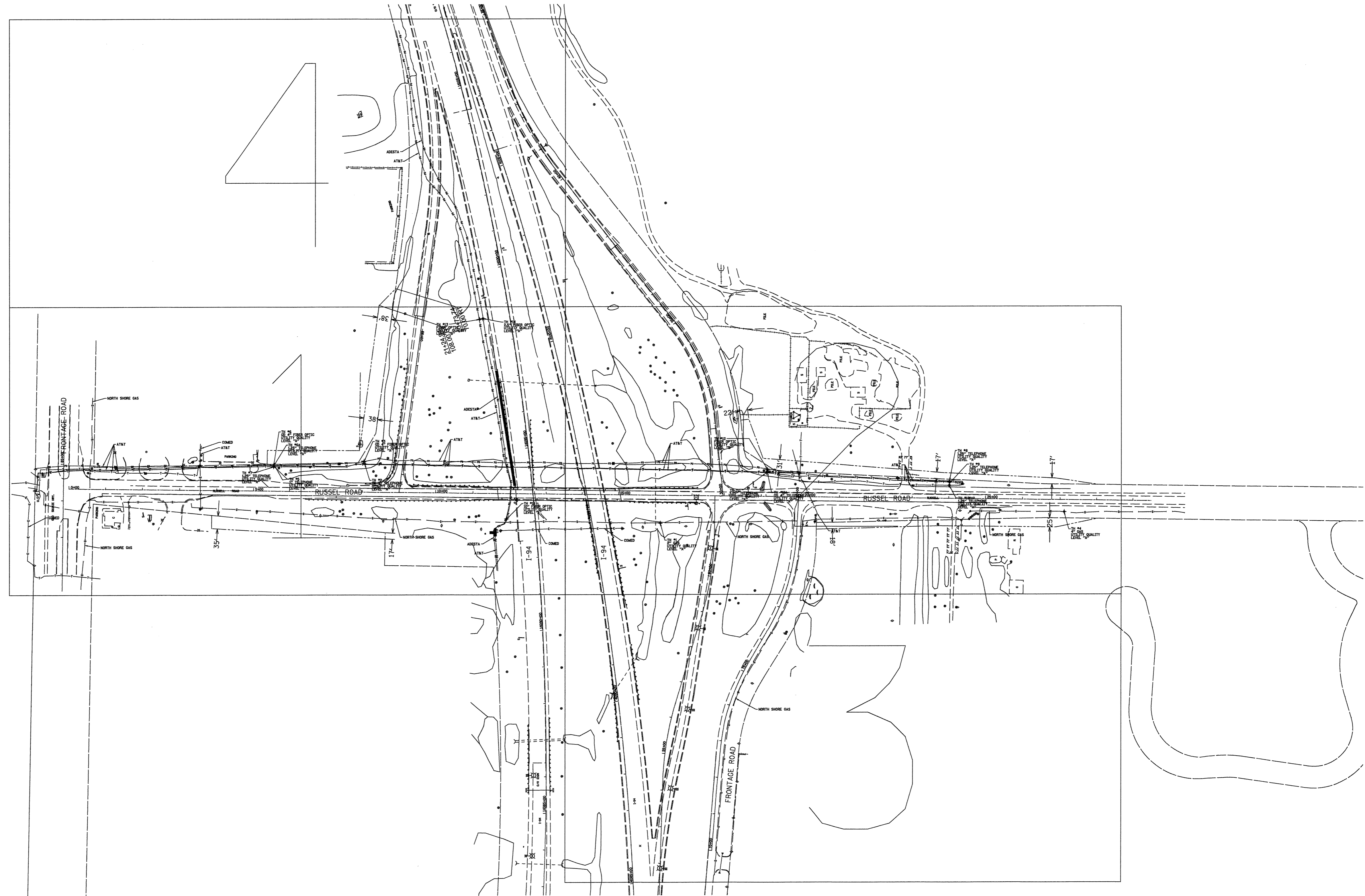
Utility Quality Level "A" : visually verified Test Hole
 Utility Quality Level "B" : Designating/non Visually Verified Test Hole
 Utility Quality Level "C" : Research with Survey
 Utility Quality Level "D" : Records Research

DESIGNED	LP	REVISED	
DRAWN	KLC	REVISED	
CHECKED	KFS	REVISED	
DATE	12/05/11	REVISED	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

I-94 at IL RT. 173 to Wisconsin State Line
Wadworth, IL

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	49-1-R-1	Lake	677	258
FED. ROAD DIST. NO. [ILLINOIS] IDOT Project No.			Contract No. 60L77	



- A — A — A — A — A — A — AERIAL UTILITY
- UNKNOWN
- - - - - cTV — cTV — cTV — cTV — cTV — CABLE TV
- - - - - T — T — T — T — T — TELEPHONE
- - - - - G — G — G — G — G — GAS
- - - - - E — E — E — E — E — ELECTRIC
- - - - - W — W — W — W — W — WATER
- - - - - FO — FO — FO — FO — FO — FIBER OPTIC
- - - - - S — S — S — S — S — SEWER
- ⊙ TBE TEST HOLE

UTILITY OWNERS

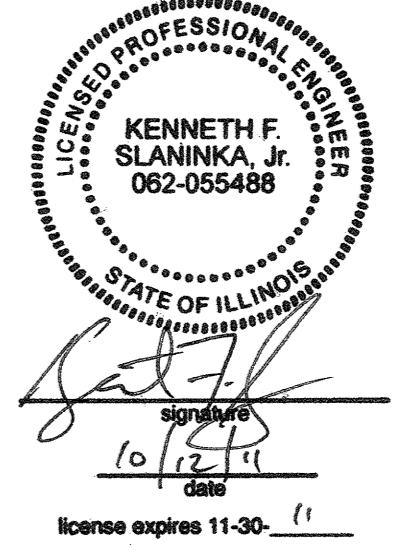
COMED = ELECTRIC
 AT&T = TELEPHONE
 AT&T = FIBER OPTIC
 ADESTA = FIBER OPTIC
 NORTH SHORE = GAS

Utilities shown on these plans as depicted in the legend have been investigated by Cardno TBE in accordance with SUE Industry Standards. All other information shown has been provided to Cardno TBE by others. Cardno TBE's SUE field investigation was performed 8/03/11 through 8/18/11. Changes to utilities after 8/18/11 may have been made and therefore may result in variances from this plan. Consideration should be given to updating this plan if deemed advisable prior to final design and construction.

Cardno TBE's SUE Quality Level "A" field investigation was performed 9/21/11 through 10/04/11.

ALL UTILITIES SHOWN QUALITY LEVEL "B" UNLESS NOTED OTHERWISE.

PLEASE SEE THE VERIFIED UTILITY MATRIX FOR TEST HOLE DEPTH INFORMATION.



TBE Job No. IL09510445, 454
 SUE Plan Page: Cover

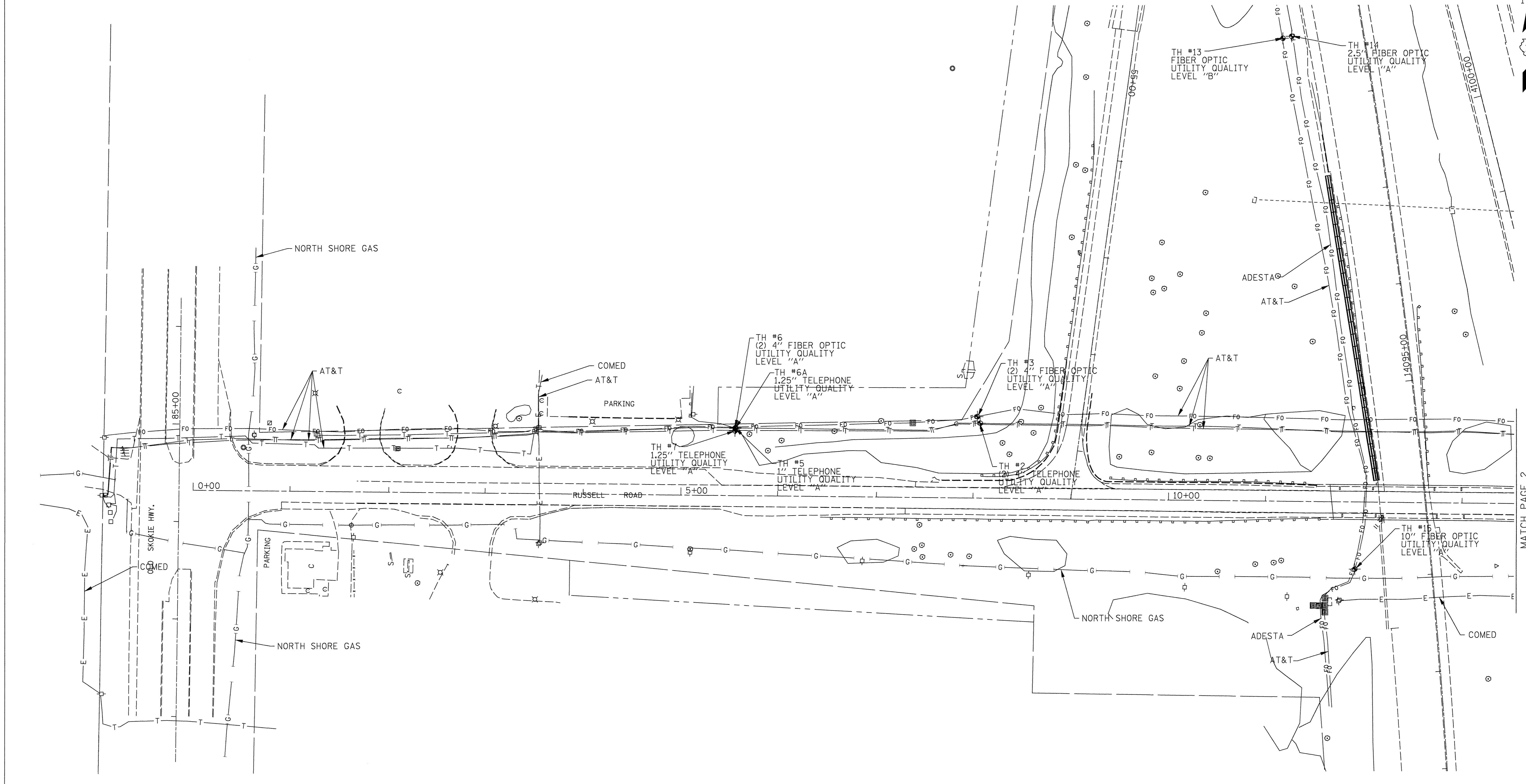
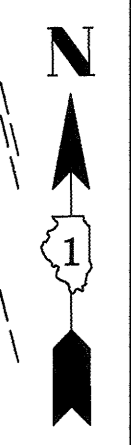
Utility Quality Level "A" : Visually Verified Test Hole
 Utility Quality Level "B" : Designating/Test Holes not Visually Verified
 Utility Quality Level "C" : Research with Survey
 Utility Quality Level "D" : Records Research

DESIGNED	EG	REVISED:	10/10/11 TH#1-15 ADDED
DRAWN	KLC	REVISED	
CHECKED	KFS	REVISED	
DATE	8/23/11	REVISED	

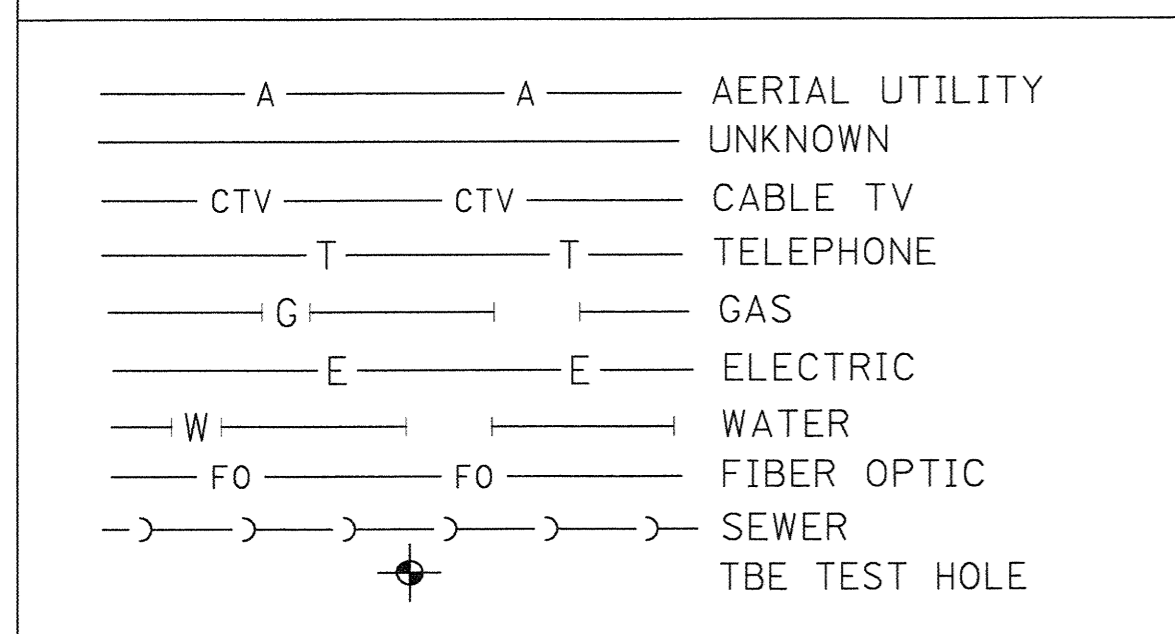
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

Russell Road at I-94
Wadworth, IL

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	49-1-R-1	LaKe	677	259
FED. ROAD DIST. NO.			ILLINOIS IDOT Project No.	Contract No. 60L77



MATCH PAGE 2



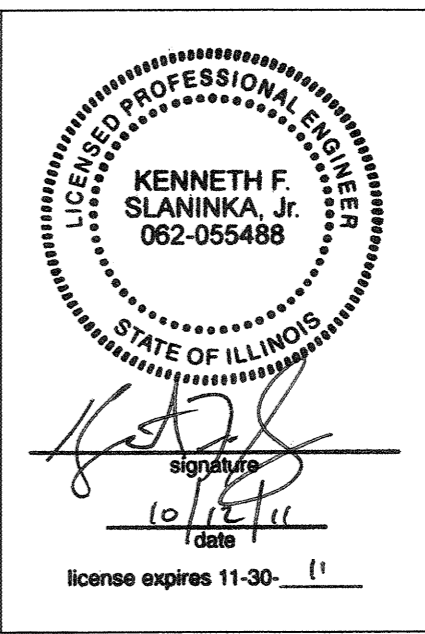
UTILITY OWNERS	
COMED	= ELECTRIC
AT&T	= TELEPHONE
AT&T	= FIBER OPTIC
ADESTA	= FIBER OPTIC
NORTH SHORE	= GAS

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PLEASE SEE THE VERIFIED UTILITY MATRIX FOR TEST HOLE DEPTH INFORMATION.



TBE Job No. IL09510445, 454
SUE Plan Page: 1 of 4

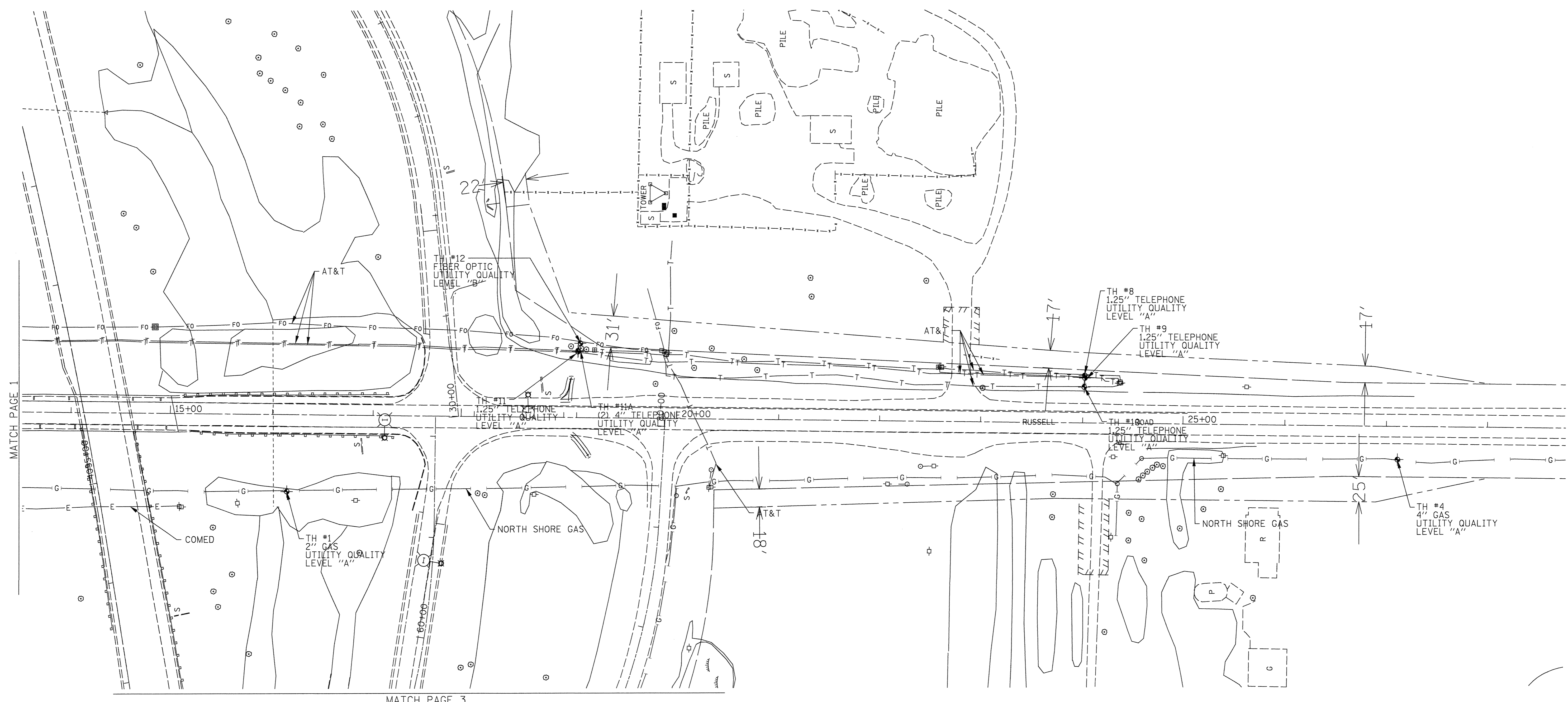
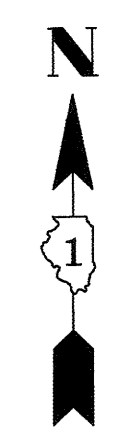
Utility Quality Level "A" : Visually Verified Test Hole
 Utility Quality Level "B" : Designating/Test Holes not Visually Verified
 Utility Quality Level "C" : Research with Survey
 Utility Quality Level "D" : Records Research

DESIGNED	EG	REVISED	10/10/11 TH#1-15 ADDED
DRAWN	KLC	REVISED	
CHECKED	KFS	REVISED	
DATE	8/23/11	REVISED	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

Russell Road at I-94
Wadworth, IL

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	49-1-R-1	Lake	677	260
Contract No. 60L77				
FED. ROAD DIST. NO.		ILLINOIS IDOT Project No.		



— A — A —	AERIAL UTILITY UNKNOWN
— CTV — CTV —	CABLE TV
— T — T —	TELEPHONE
— G — G —	GAS
— E — E —	ELECTRIC
— W — W —	WATER
— FO — FO —	FIBER OPTIC
— S — S —	SEWER
⊙	TBE TEST HOLE

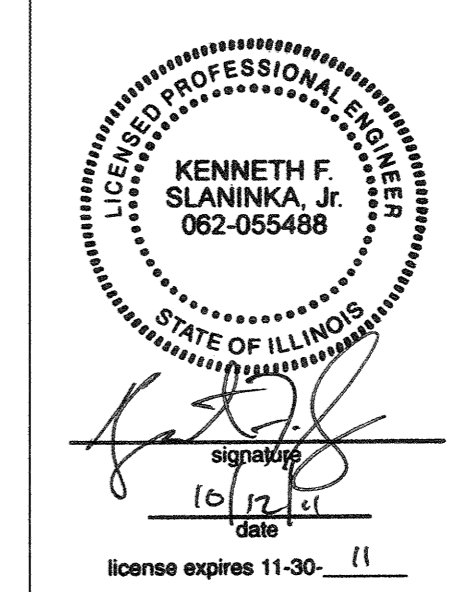
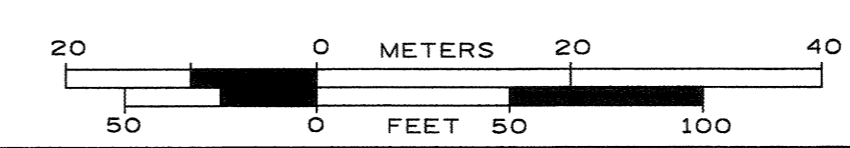
UTILITY OWNERS	
COMED	= ELECTRIC
AT&T	= TELEPHONE
AT&T	= FIBER OPTIC
ADESTA	= FIBER OPTIC
NORTH SHORE	= GAS

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PLEASE SEE THE VERIFIED UTILITY MATRIX FOR TEST HOLE DEPTH INFORMATION.



TBE Job No. IL09510445, 454
SUE Plan Page: 2 of 4

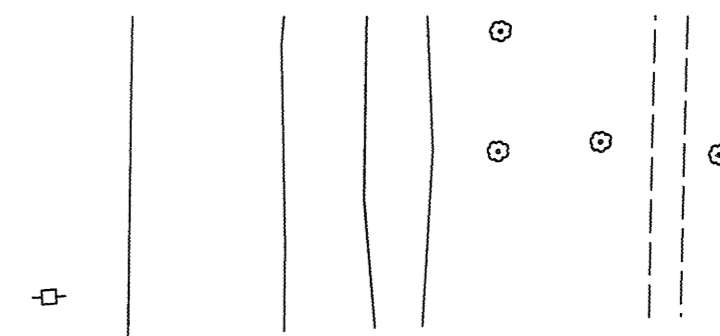
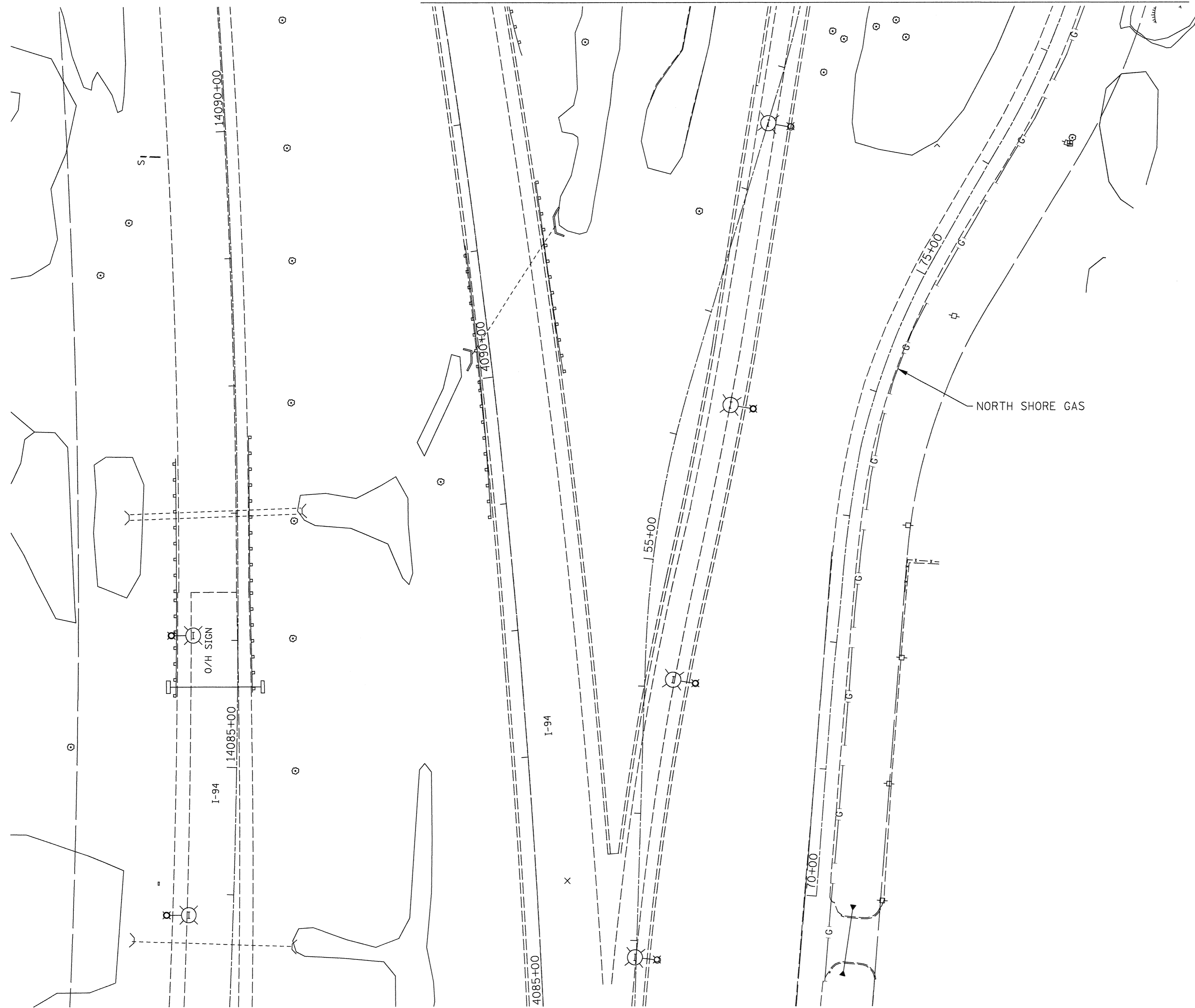
Utility Quality Level "A" : Visually Verified Test Hole
Utility Quality Level "B" : Designating/Test Holes not Visually Verified
Utility Quality Level "C" : Research with Survey
Utility Quality Level "D" : Records Research

DESIGNED	EG	REVISED	10/10/11 TH#1-15 ADDED
DRAWN	KLC	REVISED	
CHECKED	KFS	REVISED	
DATE	8/23/11	REVISED	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

Russell Road at I-94
Wadworth, IL

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	49-1-R-1	Lake	677	261
FED. ROAD DIST. NO.			ILLINOIS IDOT Project No.	Contract No. 60L77

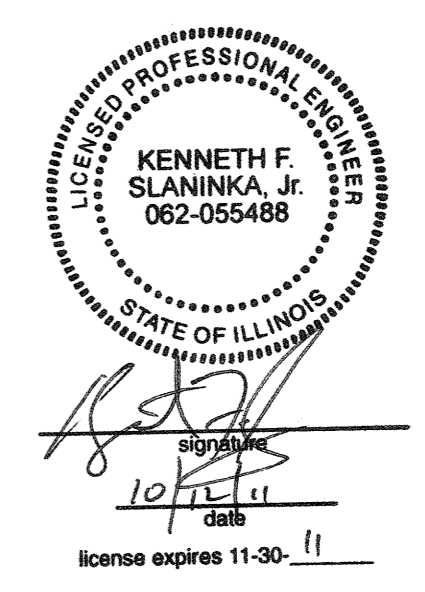


— A — A —	AERIAL UTILITY
— CTV — CTV —	CABLE TV
— T — T —	TELEPHONE
— G — G —	GAS
— E — E —	ELECTRIC
— W — W —	WATER
— FO — FO —	FIBER OPTIC
—) —) —	SEWER
⊕	TBE TEST HOLE

UTILITY OWNERS	
COMED	= ELECTRIC
AT&T	= TELEPHONE
AT&T	= FIBER OPTIC
ADESTA	= FIBER OPTIC
NORTH SHORE	= GAS

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Utility Quality Level "A": Test Hole
Utility Quality Level "B": Designating
Utility Quality Level "C": Research with Survey
Utility Quality Level "D": Records Research

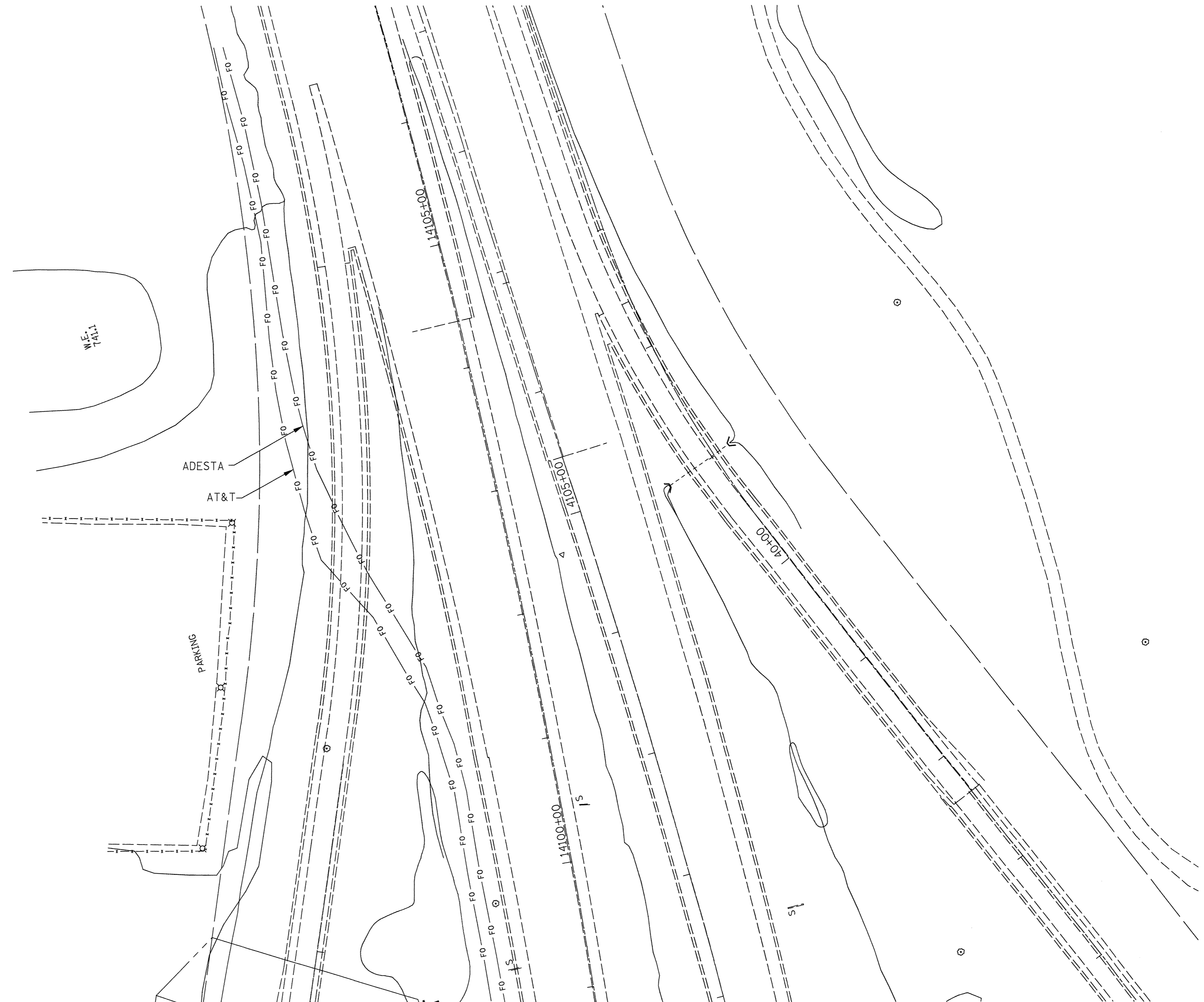
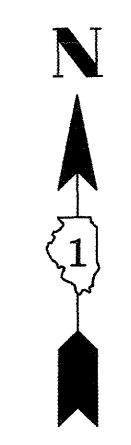
DESIGNED	EG	REVISED	
DRAWN	KLC	REVISED	
CHECKED	KFS	REVISED	
DATE	8/23/11	REVISED	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

Russell Road at I-94
Wadworth, IL

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	49-1-R-1	Lake	677	262
FED. ROAD DIST. NO.			ILLINOIS IDOT Project No.	
			Contract No.	60L77

TBE Job No. IL09510445
SUE Plan Page: 3 of 4



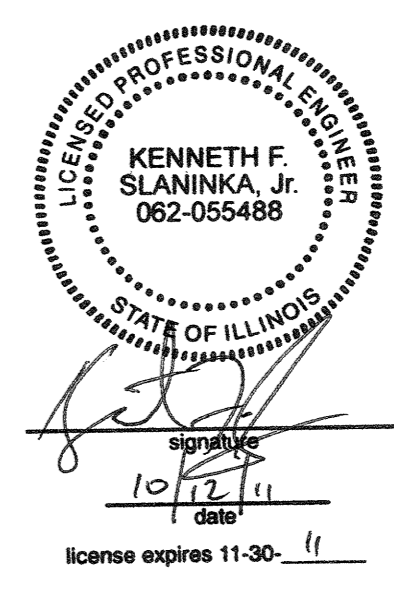
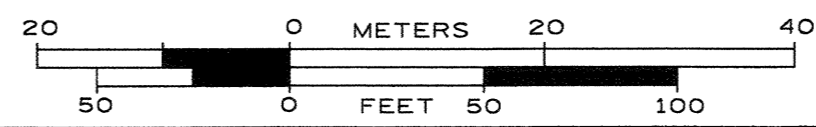
MATCH PAGE 1

— A —	— A —	AERIAL UTILITY
— CTV —	— CTV —	CABLE TV
— T —	— T —	TELEPHONE
— G —	— G —	GAS
— E —	— E —	ELECTRIC
— W —	— W —	WATER
— FO —	— FO —	FIBER OPTIC
—) —	—) —	SEWER
⊕		TBE TEST HOLE

UTILITY OWNERS	
COMED =	ELECTRIC
AT&T =	TELEPHONE
AT&T =	FIBER OPTIC
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NORTH SHORE =	GAS

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UNLESS NOTED OTHERWISE.



TBE Job No. IL09510445
SUE Plan Page: 4 of 4

Utility Quality Level "A" : Test Hole
Utility Quality Level "B" : Designating
Utility Quality Level "C" : Research with Survey
Utility Quality Level "D" : Records Research

DESIGNED	EG	REVISED
DRAWN	KLC	REVISED
CHECKED	KFS	REVISED
DATE	8/23/11	REVISED

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

Russell Road at I-94
Wadworth, IL

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	49-1-R-1	LaKe	677	263
FED. ROAD DIST. NO. ILLINOIS IDOT Project No.			Contract No. 60L77	

SCHEDULE OF QUANTITIES - ROADWAY SIGNING

SIGN NO.	STATION	SIGN PANEL - TYPE 1	SIGN PANEL - TYPE 2	SIGN PANEL - TYPE 3	REMOVE SIGN PANEL ASSEMBLY-TYPE A	REMOVE SIGN PANEL ASSEMBLY-TYPE B	REMOVE SIGN PANEL-TYPE 1	REMOVE SIGN PANEL-TYPE 2	REMOVE SIGN PANEL-TYPE 3	MILE POST MARKER ASSEMBLY	STRUCTURAL STEEL SIGN SUPPORT-BREAKAWAY	WOOD SIGN SUPPORT	OVERHEAD SIGN STRUCTURE - SPAN TYPE III-A (5'-0" X 7'-0")	CONCRETE FOUNDATIONS	DRILLED SHAFT CONCRETE FOUNDATIONS	REMOVE OVERHEAD SIGN STRUCTURES - SPAN	REMOVE GROUND MOUNTED SIGN SUPPORT	REMOVE CONCRETE FOUNDATION - GROUND MOUNT	REMOVE CONCRETE FOUNDATION - OVERHEAD	OVERHEAD SIGN STRUCTURE, CANTILEVER TYPE (STEEL) (30 FT)	FOUNDATION FOR OVERHEAD SIGN STRUCTURE, CANTILEVER TYPE IV-BW
		SO FT	SO FT	SO FT	EACH	EACH	SO FT	SO FT	SO FT	EACH	POUND	FOOT	FOOT	CU YD	CU YD	EACH	EACH	EACH	EACH	FOOT	CU YD
		72000100	72000200	72000300	72400100	72400200	72400310	72400320	72400330	72600100	72700100	73000100	73300300	73400100	73400200	73600100	73700100	73700200	73700300	JS733B30	JS734B10
NB-194-CL-01	SEE PLAN								236.25												
NB-194-CL-01	SEE PLAN		23.75																		
NB-194-CL-02	SEE PLAN								192.5												
NB-194-CL-02	SEE PLAN		23.75																		
NB-194-TR-03	3979+00								192.5												
NB-194-TR-03	3979+00		23.75																		
NB-194-TR-03	3979+00			187																	
NB-194-LP-04	3980+91							16													
NB-194-WP-05	3982+50			32.5					30			18					1				
NB-194-WP-06	3986+29		20									23					1				
NB-194-WP-06	3986+29		12																		
NB-194-WP-07	3989+46		20									19					1				
NB-194-TS-08	3990+23						5			1							1				
NB-194-TS-09	4003+42						5			1							1				
NB-194-TS-10	4016+44						3.75			1							1				
NB-194-TS-11	4029+67						5			1							1				
NB-194-BS-12	4031+68																2	2			
NB-194-BS-12	4031+68		23.75																		
NB-194-BS-12	4031+68			150							880										
NB-194-BS-13	4040+59			144							880						2	2			
NB-194-TS-14	4042+78						5			1							1				
NB-194-CL-15	4044+78			77																26.5	16.3
NB-194-BS-16	4052+40		23.75																		
NB-194-BS-16	4052+40								101								2	2			
NB-194-BS-16	4052+40			150							880										
NB-194-TS-17	4056+00						5			1							1				
NB-194-TS-18	4070+00						3.75			1							1				
NB-194-WP-19	4070+40		20					20				19					1				
NB-194-WP-20	4071+64		16					16				21					1				
NB-194-BS-21	4074+52			32.5							550						1				
NB-194-BS-21	4074+52			58.5																	
NB-194-BS-22	4076+38																2	2			
NB-194-BS-22	4076+38		23.75																		
NB-194-BS-22	4076+38			180							1020										
NB-194-TR-23	4081+75			77																	
NB-194-TR-24	4081+75		23.75										135	51							
NB-194-TR-24	4081+75			819.25																	
NB-194-TR-25	4083+11								144							1			2		
NB-194-TR-26	4083+11								48												
NB-194-TR-27	4083+11								119												
NB-194-TS-28	4083+78						3.75			1							1				
NB-194-LP-29	4083+78						3.75			1							1				
NB-194-WP-30	4085+50		16									21									
NB-194-WP-31	4088+07			32.5					32.5			20					1				
NB-194-WP-32	4089+07	4.5				1					19						1				
NB-194-WP-32	4089+07	9																			
NB-194-WP-32	4089+07	4.5																			
NB-194-WP-32	4089+07	9																			
NB-194-WP-33	4090+07			48								43									
NB-194-WP-34	4091+82		20					20									1				
NB-194-WP-35	4093+57		21					21				37					2				
NB-194-TS-36	4097+84						3.75			1							1				
NB-194-TS-37	4097+84						3.75			1							1				
NB-194-WP-38	4098+38							16									1				

BOWMAN, BARRETT & ASSOCIATES INC.
CONSULTING ENGINEERS
Chicago, Illinois
312.228.0100
www.bbandainc.com



FILE NAME = \$FILES\$

USER NAME = default

DESIGNED - TF

REVISED -

DRAWN - TF

REVISED -

PLOT SCALE = H=1"=10' V=1"=5'

CHECKED - RGR

REVISED -

PLOT DATE = 6/20/2012

DATE - 6/19/2012

REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SIGNING SCHEDULE

SCALE: NA SHEET NO. 1 OF 4 SHEETS STA. NA TO STA. NA

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94	49-1-R-1	LAKE	677	264
CONTRACT NO. 60L77			ILLINOIS FED. AID PROJECT	

S:\1101\95\CADD\60L77 IL 173\60L77 Sheets\1166L77-ht-signing schedule.dgn

SCHEDULE OF QUANTITIES - ROADWAY SIGNING

SIGN NO.	STATION	SIGN PANEL - TYPE 1	SIGN PANEL - TYPE 2	SIGN PANEL - TYPE 3	REMOVE SIGN PANEL ASSEMBLY-TYPE A	REMOVE SIGN PANEL ASSEMBLY-TYPE B	REMOVE SIGN PANEL-TYPE 1	REMOVE SIGN PANEL-TYPE 2	REMOVE SIGN PANEL-TYPE 3	MILE POST MARKER ASSEMBLY	STRUCTURAL STEEL SIGN SUPPORT-BREAKAWAY	WOOD SIGN SUPPORT	OVERHEAD SIGN STRUCTURE - SPAN TYPE III-A (5'-0" X 7'-0")	CONCRETE FOUNDATIONS	DRILLED SHAFT CONCRETE FOUNDATIONS	REMOVE OVERHEAD SIGN STRUCTURES - SPAN	REMOVE GROUND MOUNTED SIGN SUPPORT	REMOVE CONCRETE FOUNDATION - GROUND MOUNT	REMOVE CONCRETE FOUNDATION - OVERHEAD	OVERHEAD SIGN STRUCTURE, CANTILEVER TYPE (STEEL) (30 FT)	FOUNDATION FOR OVERHEAD SIGN STRUCTURE, CANTILEVER TYPE IV-BW
		SO FT	SO FT	SO FT	EACH	EACH	SO FT	SO FT	SO FT	EACH	POUND	FOOT	FOOT	CU YD	CU YD	EACH	EACH	EACH	EACH	FOOT	CU YD
		72000100	72000200	72000300	72400100	72400200	72400310	72400320	72400330	72600100	72700100	73000100	73300300	73400100	73400200	73600100	73700100	73700200	73700300	JS733B30	JS734B10
NB-194-BS-39	4101+53			99					35		550						2				
NB-194-WP-40	4105+57		16									21									
SB-194-WP-01	3983+98		16					16				21					1				
SB-194-WP-02	3989+00		16					16				21					2				
SB-194-TS-03	3990+23						5			1							1				
SB-194-WP-04	3994+28		14					14				17					1				
SB-194-TS-05	4003+42						5			1							1				
SB-194-WP-06	4006+61		16					16				19					1				
SB-194-WP-07	4013+00		16					16				21					1				
SB-194-TS-08	4016+44						3.75			1							1				
SB-194-WP-09	4016+66		20					20				20					1				
SB-194-WP-10	4020+88		20					20				19					1				
SB-194-WP-11	4024+97		20		1							23					1				
SB-194-WP-11	4024+97		12																		
SB-194-TS-12	4029+67						5			1							1				
SB-194-LP-13	4034+92		20					20													
SB-194-BS-14	4035+56			71.5					120		495						2	2			
SB-194-LP-15	4040+97	4.5				1															
SB-194-LP-15	4040+97	9																			
SB-194-LP-15	4040+97	2																			
SB-194-LP-15	4040+97	0																			
SB-194-TS-16	4042+78						5			1							1				
SB-194-WP-17	4048+85		16					16				21					1				
SB-194-TS-18	14068+90						3.75			1							1				
SB-194-WP-19	14070+10			37.5								20					1			2	
SB-194-TR-20	14073+49																				
SB-194-TR-20	14073+49																				
SB-194-TR-21	14073+49																				
SB-194-TR-22	14076+06			51.75									123	24							
SB-194-TR-22	14076+06			805																	
SB-194-BS-23	14079+06			96							550										
SB-194-TS-24	14081+15							20													
SB-194-LP-25	14081+89						3.75			1							1				
SB-194-TS-26	14081+89						3.75			1							1				
SB-194-WP-27	14082+06			30								41									
SB-194-TR-28	14085+14			51.75									123	24							
SB-194-TR-28	14085+14			805																	
SB-194-TR-29	14085+64															1				2	
SB-194-TR-29	14085+64																				
SB-194-TR-29	14085+64																				
SB-194-TR-30	14085+64																				
SB-194-TS-31	14095+61						3.75			1							1				
SB-194-TS-32	14095+61						3.75			1							1				
SB-194-WP-33	14097+00	8				1						22					1				
SB-194-WP-33	14097+00		20																		
SB-194-WP-34	14097+00	8				1						22					1				
SB-194-WP-34	14097+00		20																		
SB-194-WP-35	14101+78		20			1						23					1				
SB-194-WP-35	14101+78		12																		
SB-194-WP-36	14101+78		20			1						23					1				
SB-194-WP-36	14101+78		12																		
SB-194-WP-37	4107+00			37.5								20					1				
SB-194-TR-38	4112+95																				
SB-194-TR-38	4112+95			28.75																	
SB-194-TR-38	4112+95			148.75																	
SB-194-TR-39	4127+90								144												
SB-194-TR-39	4127+90			28.75																	

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		DRAWN - TF	REVISED -			94	49-1-R-1	LAKE	677	265	
		PLOT SCALE = H=1"=10' V=1"=5'	CHECKED - RGR			REVISED -	CONTRACT NO. 60L77				
		PLOT DATE = 6/20/2012	DATE - 6/19/2012			REVISED -	SCALE: NA	SHEET NO. 2 OF 4 SHEETS	STA. NA TO STA. NA	ILLINOIS FED. AID PROJECT	

SCHEDULE OF QUANTITIES - ROADWAY SIGNING

SIGN NO.	STATION	SIGN PANEL - TYPE 1	SIGN PANEL - TYPE 2	SIGN PANEL - TYPE 3	REMOVE SIGN PANEL ASSEMBLY-TYPE A	REMOVE SIGN PANEL ASSEMBLY-TYPE B	REMOVE SIGN PANEL-TYPE 1	REMOVE SIGN PANEL-TYPE 2	REMOVE SIGN PANEL-TYPE 3	MILE POST MARKER ASSEMBLY	STRUCTURAL STEEL SIGN SUPPORT-BREAKAWAY	WOOD SIGN SUPPORT	OVERHEAD SIGN STRUCTURE - SPAN TYPE III-A (5'-0" X 7'-0")	CONCRETE FOUNDATIONS	DRILLED SHAFT CONCRETE FOUNDATIONS	REMOVE OVERHEAD SIGN STRUCTURES - SPAN	REMOVE GROUND MOUNTED SIGN SUPPORT	REMOVE CONCRETE FOUNDATION - GROUND MOUNT	REMOVE CONCRETE FOUNDATION - OVERHEAD	OVERHEAD SIGN STRUCTURE, CANTILEVER TYPE (STEEL) (30 FT)	FOUNDATION FOR OVERHEAD SIGN STRUCTURE, CANTILEVER TYPE IV-BW
		SO FT	SO FT	SO FT	EACH	EACH	SO FT	SO FT	SO FT	EACH	POUND	FOOT	FOOT	CU YD	CU YD	EACH	EACH	EACH	EACH	FOOT	CU YD
		72000100	72000200	72000300	72400100	72400200	72400310	72400320	72400330	72600100	72700100	73000100	73300300	73400100	73400200	73600100	73700100	73700200	73700300	JS733B30	JS734B10
SB-194-TR-39	4127+90			150																	
SB-194-WP-40	4133+50							20									1				
SB-194-BS-41	4139+50								84								2	2			
SB-194-TR-42	4112+95			152.25					80.5												
SB-194-TR-42	4112+95			51.75				12.5													
NB-US41-WP-01	SEE PLAN							16									1				
NB-US41-WP-02	SEE PLAN							16									1				
NB-US41-WP-03	SEE PLAN							16									1				
NB-US41-WP-04	SEE PLAN	4.4				1					21						1				
NB-US41-WP-04	SEE PLAN	4.5																			
NB-US41-WP-04	SEE PLAN	9																			
NB-US41-BS-05	104+00			220							1020										
SB-US41-LP-01	2008+50					1															
SB-US41-LP-01	2008+50																				
SB-US41-LP-01	2008+50		16																		
SB-US41-WP-02	2008+50					1											1				
SB-US41-WP-02	2008+50																				
SB-US41-WP-02	2008+50		16									19									
SB-US41-LP-03	2010+73		15																		
EB-IL173-WP-01	2010+85							15													
EB-IL173-WP-01	2010+85							12													
EB-IL173-WP-01	2010+85	6																			
EB-IL173-WP-01	2010+85	9																			
EB-IL173-WP-02	2013+12					1											1				
EB-IL173-WP-02	2013+12	2																			
EB-IL173-WP-02	2013+12	2																			
EB-IL173-WP-02	2013+12	2																			
EB-IL173-WP-02	2013+12	4																			
EB-IL173-WP-02	2013+12	2.2									20										
EB-IL173-WP-03	2016+00	7.5					7.5				18						1				
EB-IL173-WP-04	2020+45	2									20										
EB-IL173-WP-04	2020+45	2																			
EB-IL173-WP-04	2020+45	4																			
EB-IL173-WP-04	2020+45	2.2																			
EB-IL173-BS-05	2025+45								80								2	2			
EB-IL173-BS-05	2025+45			80							475										
EB-IL173-TS-06	2027+43						5										1				
EB-IL173-TS-07	2030+16						9										1				
EB-IL173-TS-08	2034+28						9										1				
EB-IL173-TS-09	2036+37						9										1				
EB-IL173-WP-10	2036+79					1											1				
EB-IL173-WP-10	2036+79																				
EB-IL173-WP-10	2036+79	9									27										
EB-IL173-WP-10	2036+79	6.75																			
EB-IL173-WP-10	2036+79	6.75																			
EB-IL173-TS-11	2037+12						5										1				
EB-IL173-WP-12	2037+69	9									18										
EB-IL173-WP-12	2037+69						9										1				
EB-IL173-TS-13	2038+68						4										1				
EB-IL173-WP-14	2039+02	9					9					18					1				
EB-IL173-WP-15	2040+02	2				1						18					1				
EB-IL173-WP-15	2040+02	5																			
EB-IL173-WP-16	2041+02										18						1				
EB-IL173-WP-16	2041+02	7.5																			
EB-IL173-TS-17	2042+04						4										1				

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		DATE - 6/19/2012	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SIGNING SCHEDULE

SCALE: NA SHEET NO. 3 OF 4 SHEETS STA. NA TO STA. NA

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94	49-1-R-1	LAKE	677	266
CONTRACT NO. 60L77				
ILLINOIS FED. AID PROJECT				

S:\1101\95-CADD\60L77-IL-173\60L77-Sheets\166L77-ht-signing-schedule.dgn

SCHEDULE OF QUANTITIES - ROADWAY SIGNING

SIGN NO.	STATION	SIGN PANEL - TYPE 1	SIGN PANEL - TYPE 2	SIGN PANEL - TYPE 3	REMOVE SIGN PANEL ASSEMBLY-TYPE A	REMOVE SIGN PANEL ASSEMBLY-TYPE B	REMOVE SIGN PANEL-TYPE 1	REMOVE SIGN PANEL-TYPE 2	REMOVE SIGN PANEL-TYPE 3	MILE POST MARKER ASSEMBLY	STRUCTURAL STEEL SIGN SUPPORT-BREAKAWAY	WOOD SIGN SUPPORT	OVERHEAD SIGN STRUCTURE - SPAN TYPE III-A (5'-0" X 7'-0")	CONCRETE FOUNDATIONS	DRILLED SHAFT CONCRETE FOUNDATIONS	REMOVE OVERHEAD SIGN STRUCTURES - SPAN	REMOVE GROUND MOUNTED SIGN SUPPORT	REMOVE CONCRETE FOUNDATION - GROUND MOUNT	REMOVE CONCRETE FOUNDATION - OVERHEAD	OVERHEAD SIGN STRUCTURE, CANTILEVER TYPE (STEEL) (30 FT)	FOUNDATION FOR OVERHEAD SIGN STRUCTURE, CANTILEVER TYPE IV-BW
		SO FT	SO FT	SO FT	EACH	EACH	SO FT	SO FT	SO FT	EACH	POUND	FOOT	FOOT	CU YD	CU YD	EACH	EACH	EACH	EACH	FOOT	CU YD
		72000100	72000200	72000300	72400100	72400200	72400310	72400320	72400330	72600100	72700100	73000100	73300300	73400100	73400200	73600100	73700100	73700200	73700300	J5733B30	J5734B10
EB-IL173-WP-18	2045+72	9										20									
EB-IL173-WP-19	2047+20		16					16				19					1				
EB-IL173-WP-20	2019+37	5										18									
WB-IL173-WP-01	2012+00		10									18									
WB-IL173-WP-02	2013+56	2.19			1							19					1				
WB-IL173-WP-02	2013+56	4																			
WB-IL173-WP-02	2013+56	3.75																			
WB-IL173-WP-03	2015+15	9										18									
WB-IL173-TS-04	2016+42				1												1				
WB-IL173-TS-04	2016+42																				
WB-IL173-WP-05	2018+31	9										18									
WB-IL173-WP-06	2019+65	7			1							18					1				
WB-IL173-WP-06	2019+65	3.5																			
WB-IL173-WP-07	2021+00	7.5					7.5					18					1				
WB-IL173-TS-08	2021+88						9										1				
WB-IL173-TS-09	2024+84						9										1				
WB-IL173-TS-10	2026+72						5										1				
WB-IL173-WP-11	2026+65						9										2				
WB-IL173-BS-12	2028+00			80					80		475										
WB-IL173-TS-13	2033+21						9										1				
WB-IL173-WP-14	2034+29						4.5										2				
WB-IL173-WP-14	2034+29						9														
WB-IL173-WP-14	2034+29								40												
WB-IL173-WP-15	2034+50	2			1							18					1				
WB-IL173-WP-15	2034+50	5																			
WB-IL173-WP-16	2035+00	2										20									
WB-IL173-WP-16	2035+00	2																			
WB-IL173-WP-16	2035+00	4																			
WB-IL173-WP-16	2035+00	2.2																			
WB-IL173-TS-17	2036+33						5										1				
WB-IL173-TS-18	2037+18						7.5										1				
WB-IL173-WP-19	2042+12	2										21									
WB-IL173-WP-19	2042+12	2																			
WB-IL173-WP-19	2042+12	2																			
WB-IL173-WP-19	2042+12	4																			
WB-IL173-WP-19	2042+12	2.2																			
WB-IL173-WP-20	2044+85						9										2				
WB-IL173-WP-20	2044+85								40												
WB-IL173-WP-21	2022+55	7.5										18									
WB-IL173-WP-22	2038+48	5										18									
NB-RAMP-WP-01	56+25	6.25										17									
NB-RAMP-WP-02	57+00		19.25									18									
NB-RAMP-WP-02	57+00				1												1				
NB-RAMP-WP-03	57+52		10									17									
NB-RAMP-WP-04	58+50	8.75					6					17					1				
NB-RAMP-WP-05	58+50	8.75										17									
SB-RAMP-WP-01	151+54		12									19									
		301.81	743.5	5363.5	2	17	250	458.5	3214.75	21	7775	1197	381	51	48	3	106	14	6	26.5	16.3

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PLOT SCALE = H=1"=10' V=1"=5'

DATE - 6/19/2012

REVISED -

PLOT DATE = 6/20/2012

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SIGNING SCHEDULE

SCALE: NA SHEET NO. 4 OF 4 SHEETS STA. NA TO STA. NA

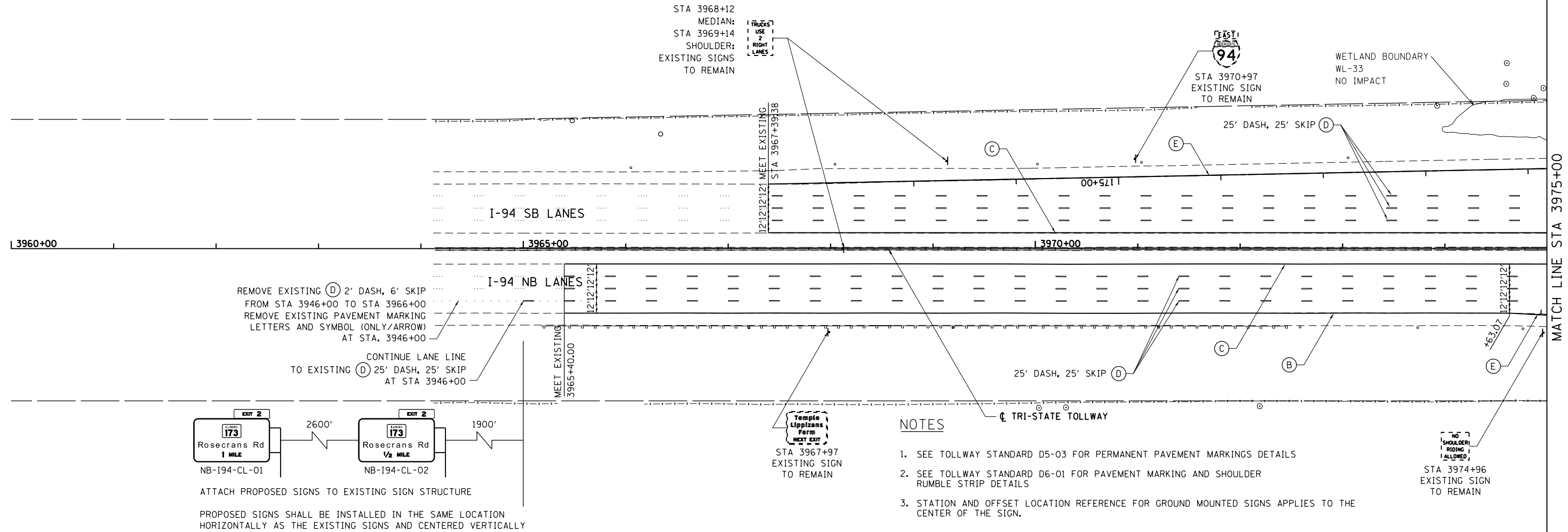
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94	49-1-R-1	LAKE	677	267
CONTRACT NO. 60L 77				
ILLINOIS FED. AID PROJECT				

S:\1101\095\CADD\60L77 IL 173\60L77 Sheets\1160L77-ht-signing schedule.dgn

LEGEND

- (A) POLYUREA PAVEMENT MARKING TYPE I-LETTERS & SYMBOLS (WHITE)
- (B) POLYUREA PAVEMENT MARKING TYPE I-4" LINE (WHITE) GROOVING FOR RECESSED PAVEMENT MARKING LINES, 5" GROOVE
- (C) POLYUREA PAVEMENT MARKING TYPE I-4" LINE (YELLOW) GROOVING FOR RECESSED PAVEMENT MARKING LINES, 5" GROOVE
- (D) POLYUREA PAVEMENT MARKING TYPE I-6" LINE (WHITE) GROOVING FOR RECESSED PAVEMENT MARKING LINES, 7" GROOVE
- (E) POLYUREA PAVEMENT MARKING TYPE I-10" LINE (WHITE) GROOVING FOR RECESSED PAVEMENT MARKING LINES, 11" GROOVE
- (F) POLYUREA PAVEMENT MARKING TYPE I-24" LINE (WHITE) GROOVING FOR RECESSED PAVEMENT MARKING LINES, 25" GROOVE
- (G) POLYUREA PAVEMENT MARKING TYPE I-4" LINE (WHITE)
- (H) POLYUREA PAVEMENT MARKING TYPE I-4" LINE (YELLOW)

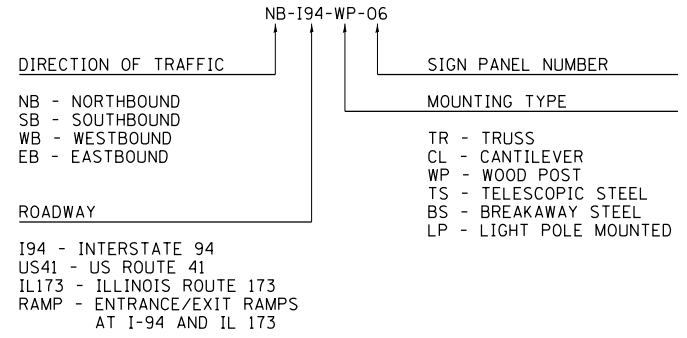
- (I) POLYUREA PAVEMENT MARKING TYPE I-5" LINE (WHITE)
- (J) POLYUREA PAVEMENT MARKING TYPE I-6" LINE (WHITE)
- (K) POLYUREA PAVEMENT MARKING TYPE I-8" LINE (WHITE)
- (L) POLYUREA PAVEMENT MARKING TYPE I-8" LINE (YELLOW)
- (M) POLYUREA PAVEMENT MARKING TYPE I-12" LINE (WHITE)
- (N) POLYUREA PAVEMENT MARKING TYPE I-12" LINE (YELLOW)
- (O) POLYUREA PAVEMENT MARKING TYPE I-24" LINE (WHITE)
- (P) THERMOPLASTIC PAVEMENT MARKING-12" LINE (WHITE)
- (Q) ONE-WAY RAISED REFLECTIVE PAVEMENT MARKERS
- (R) TWO-WAY AMBER RAISED REFLECTIVE PAVEMENT MARKERS
- (S) POLYUREA PAVEMENT MARKING TYPE I-LETTERS & SYMBOLS (WHITE) GROOVING FOR RECESSED PAVEMENT MARKINGS, LETTERS, NUMBERS AND SYMBOLS



LEGEND

- NEW SIGN PANEL TO BE LOCATED ON NEW SIGN SUPPORT (TYP)
- EXISTING SIGN PANEL TO REMAIN (TYP)
- EXISTING SIGN PANEL TO BE REMOVED (TYP)

SIGN NUMBERING CONVENTION



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**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

PAVEMENT MARKING & SIGNING PLAN NB I-94 AND SB I-94

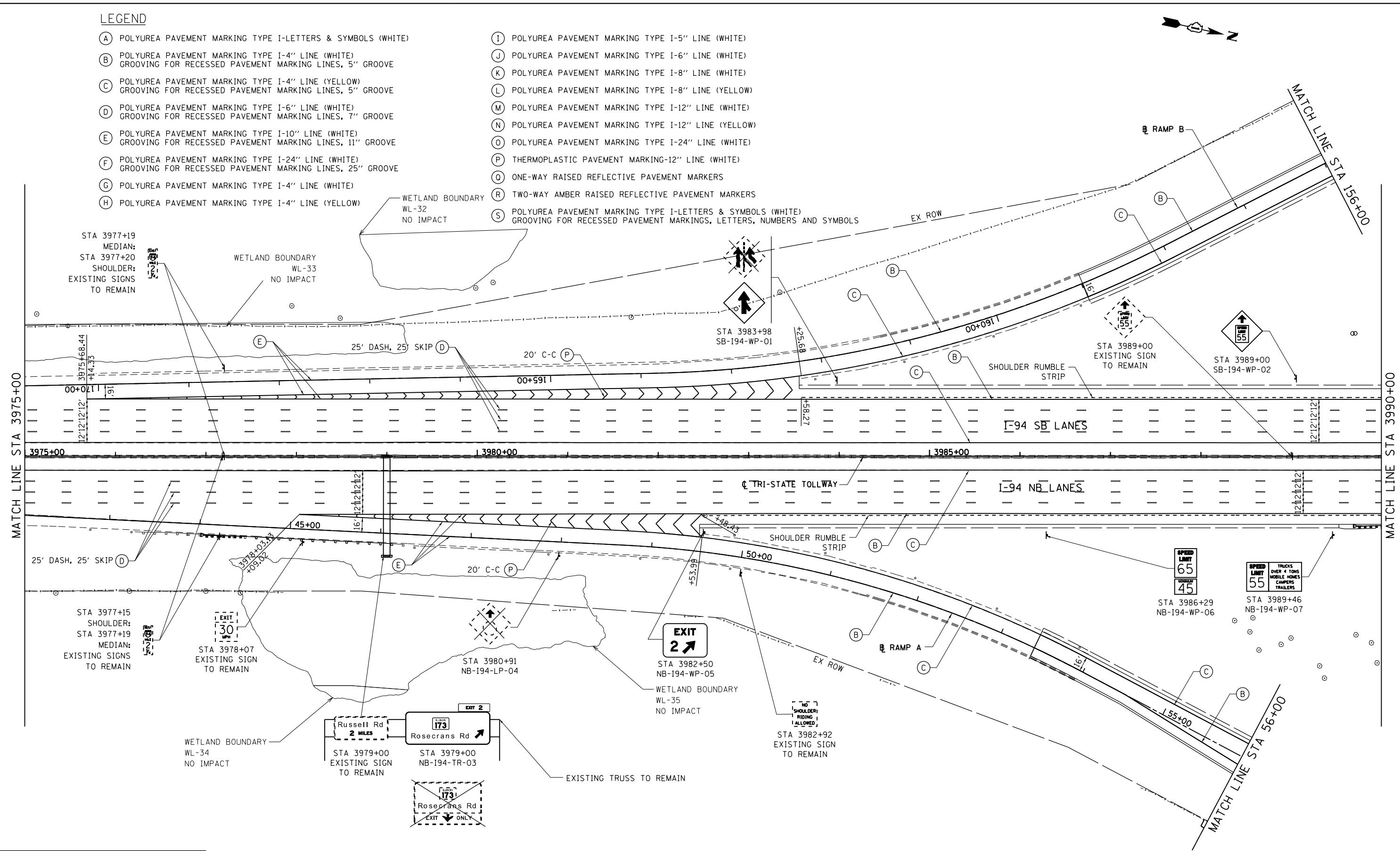
SCALE: 1"=50' SHEET NO. 1 OF 15 SHEETS STA. 3960+00 TO STA. 3975+00

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94	49-1-R-1	LAKE	677	268
CONTRACT NO. 60L77				
ILLINOIS FED. AID PROJECT				

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LEGEND

- (A) POLYUREA PAVEMENT MARKING TYPE I-LETTERS & SYMBOLS (WHITE)
- (B) POLYUREA PAVEMENT MARKING TYPE I-4" LINE (WHITE)
GROOVING FOR RECESSED PAVEMENT MARKING LINES, 5" GROOVE
- (C) POLYUREA PAVEMENT MARKING TYPE I-4" LINE (YELLOW)
GROOVING FOR RECESSED PAVEMENT MARKING LINES, 5" GROOVE
- (D) POLYUREA PAVEMENT MARKING TYPE I-6" LINE (WHITE)
GROOVING FOR RECESSED PAVEMENT MARKING LINES, 7" GROOVE
- (E) POLYUREA PAVEMENT MARKING TYPE I-10" LINE (WHITE)
GROOVING FOR RECESSED PAVEMENT MARKING LINES, 11" GROOVE
- (F) POLYUREA PAVEMENT MARKING TYPE I-24" LINE (WHITE)
GROOVING FOR RECESSED PAVEMENT MARKING LINES, 25" GROOVE
- (G) POLYUREA PAVEMENT MARKING TYPE I-4" LINE (WHITE)
- (H) POLYUREA PAVEMENT MARKING TYPE I-4" LINE (YELLOW)
- (I) POLYUREA PAVEMENT MARKING TYPE I-5" LINE (WHITE)
- (J) POLYUREA PAVEMENT MARKING TYPE I-6" LINE (WHITE)
- (K) POLYUREA PAVEMENT MARKING TYPE I-8" LINE (WHITE)
- (L) POLYUREA PAVEMENT MARKING TYPE I-8" LINE (YELLOW)
- (M) POLYUREA PAVEMENT MARKING TYPE I-12" LINE (WHITE)
- (N) POLYUREA PAVEMENT MARKING TYPE I-12" LINE (YELLOW)
- (O) POLYUREA PAVEMENT MARKING TYPE I-24" LINE (WHITE)
- (P) THERMOPLASTIC PAVEMENT MARKING-12" LINE (WHITE)
- (Q) ONE-WAY RAISED REFLECTIVE PAVEMENT MARKERS
- (R) TWO-WAY AMBER RAISED REFLECTIVE PAVEMENT MARKERS
- (S) POLYUREA PAVEMENT MARKING TYPE I-LETTERS & SYMBOLS (WHITE)
GROOVING FOR RECESSED PAVEMENT MARKINGS, LETTERS, NUMBERS AND SYMBOLS



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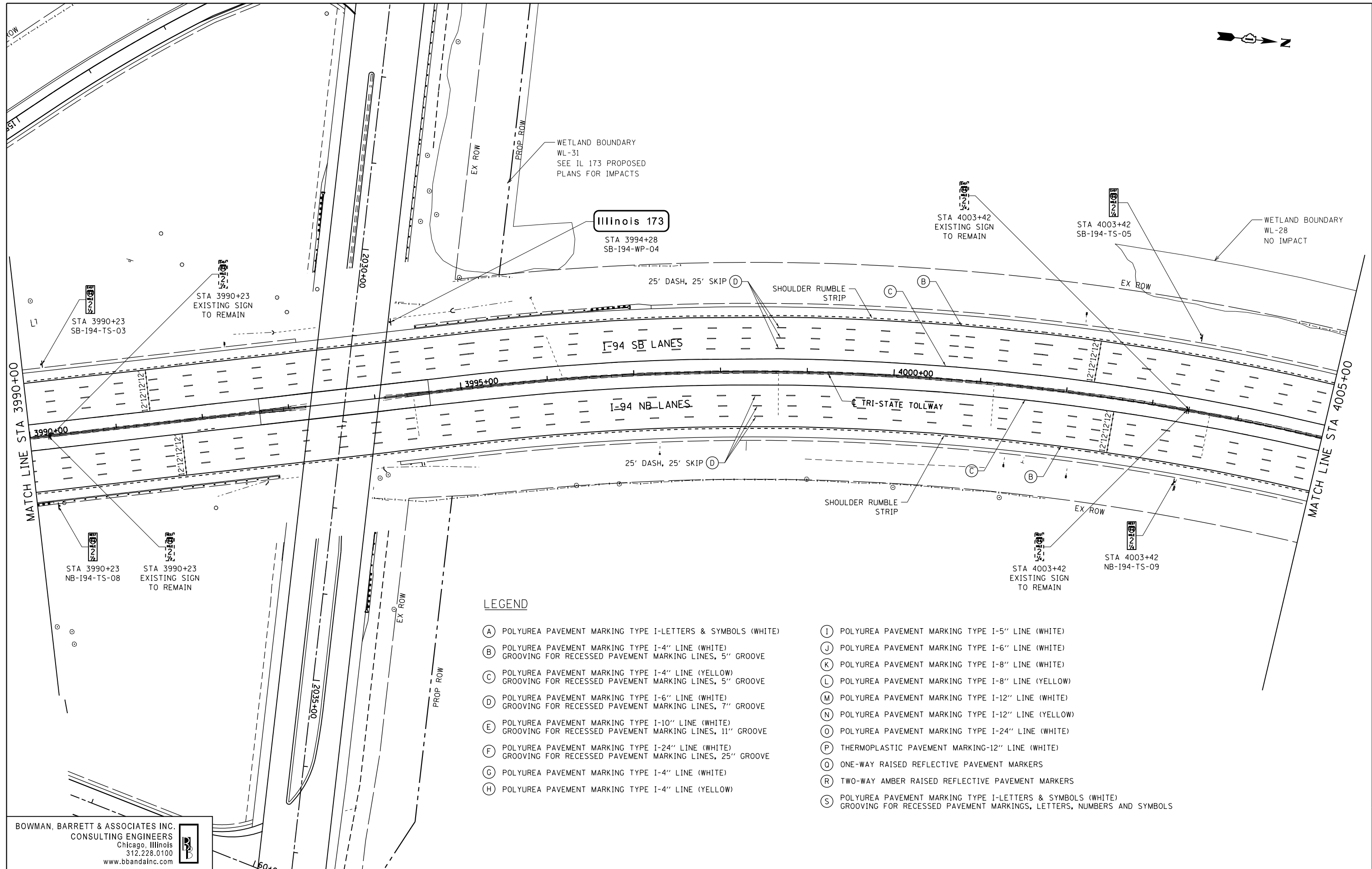
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

PAVEMENT MARKING & SIGNING PLAN NB I-94 AND SB I-94

SCALE: 1"=50' SHEET NO. 2 OF 15 SHEETS STA. 3975+00 TO STA. 3990+00

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94	49-1-R-1	LAKE	677	269
CONTRACT NO. 60L77				
ILLINOIS FED. AID PROJECT				

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LEGEND

- (A) POLYUREA PAVEMENT MARKING TYPE I-LETTERS & SYMBOLS (WHITE)
- (B) POLYUREA PAVEMENT MARKING TYPE I-4" LINE (WHITE)
GROOVING FOR RECESSED PAVEMENT MARKING LINES, 5" GROOVE
- (C) POLYUREA PAVEMENT MARKING TYPE I-4" LINE (YELLOW)
GROOVING FOR RECESSED PAVEMENT MARKING LINES, 5" GROOVE
- (D) POLYUREA PAVEMENT MARKING TYPE I-6" LINE (WHITE)
GROOVING FOR RECESSED PAVEMENT MARKING LINES, 7" GROOVE
- (E) POLYUREA PAVEMENT MARKING TYPE I-10" LINE (WHITE)
GROOVING FOR RECESSED PAVEMENT MARKING LINES, 11" GROOVE
- (F) POLYUREA PAVEMENT MARKING TYPE I-24" LINE (WHITE)
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- (G) POLYUREA PAVEMENT MARKING TYPE I-4" LINE (WHITE)
- (H) POLYUREA PAVEMENT MARKING TYPE I-4" LINE (YELLOW)
- (I) POLYUREA PAVEMENT MARKING TYPE I-5" LINE (WHITE)
- (J) POLYUREA PAVEMENT MARKING TYPE I-6" LINE (WHITE)
- (K) POLYUREA PAVEMENT MARKING TYPE I-8" LINE (WHITE)
- (L) POLYUREA PAVEMENT MARKING TYPE I-8" LINE (YELLOW)
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- (Q) ONE-WAY RAISED REFLECTIVE PAVEMENT MARKERS
- (R) TWO-WAY AMBER RAISED REFLECTIVE PAVEMENT MARKERS
- (S) POLYUREA PAVEMENT MARKING TYPE I-LETTERS & SYMBOLS (WHITE)
GROOVING FOR RECESSED PAVEMENT MARKINGS, LETTERS, NUMBERS AND SYMBOLS

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	PLOT DATE = 6/20/2012	DATE - 6/19/2012	REVISED -

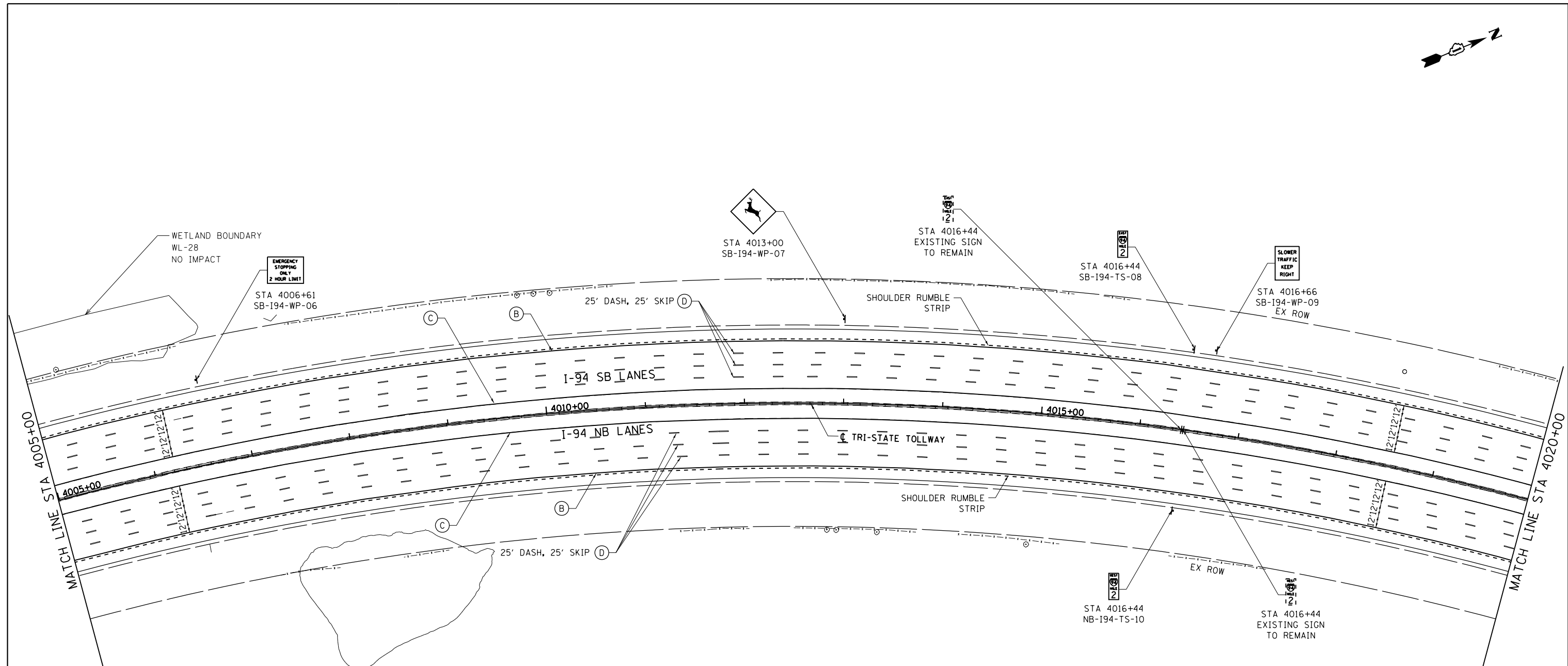
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

PAVEMENT MARKING & SIGNING PLAN NB I-94 AND SB I-94

SCALE: 1"=50' SHEET NO. 3 OF 15 SHEETS STA. 3990+00 TO STA. 4005+00

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94	49-1-R-1	LAKE	677	270
CONTRACT NO. 60L77				
ILLINOIS FED. AID PROJECT				

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LEGEND

- (A) POLYUREA PAVEMENT MARKING TYPE I-LETTERS & SYMBOLS (WHITE)
- (B) POLYUREA PAVEMENT MARKING TYPE I-4" LINE (WHITE) GROOVING FOR RECESSED PAVEMENT MARKING LINES, 5" GROOVE
- (C) POLYUREA PAVEMENT MARKING TYPE I-4" LINE (YELLOW) GROOVING FOR RECESSED PAVEMENT MARKING LINES, 5" GROOVE
- (D) POLYUREA PAVEMENT MARKING TYPE I-6" LINE (WHITE) GROOVING FOR RECESSED PAVEMENT MARKING LINES, 7" GROOVE
- (E) POLYUREA PAVEMENT MARKING TYPE I-10" LINE (WHITE) GROOVING FOR RECESSED PAVEMENT MARKING LINES, 11" GROOVE
- (F) POLYUREA PAVEMENT MARKING TYPE I-24" LINE (WHITE) GROOVING FOR RECESSED PAVEMENT MARKING LINES, 25" GROOVE
- (G) POLYUREA PAVEMENT MARKING TYPE I-4" LINE (WHITE)
- (H) POLYUREA PAVEMENT MARKING TYPE I-4" LINE (YELLOW)
- (I) POLYUREA PAVEMENT MARKING TYPE I-5" LINE (WHITE)
- (J) POLYUREA PAVEMENT MARKING TYPE I-6" LINE (WHITE)
- (K) POLYUREA PAVEMENT MARKING TYPE I-8" LINE (WHITE)
- (L) POLYUREA PAVEMENT MARKING TYPE I-8" LINE (YELLOW)
- (M) POLYUREA PAVEMENT MARKING TYPE I-12" LINE (WHITE)
- (N) POLYUREA PAVEMENT MARKING TYPE I-12" LINE (YELLOW)
- (O) POLYUREA PAVEMENT MARKING TYPE I-24" LINE (WHITE)
- (P) THERMOPLASTIC PAVEMENT MARKING-12" LINE (WHITE)
- (Q) ONE-WAY RAISED REFLECTIVE PAVEMENT MARKERS
- (R) TWO-WAY AMBER RAISED REFLECTIVE PAVEMENT MARKERS
- (S) POLYUREA PAVEMENT MARKING TYPE I-LETTERS & SYMBOLS (WHITE) GROOVING FOR RECESSED PAVEMENT MARKINGS, LETTERS, NUMBERS AND SYMBOLS

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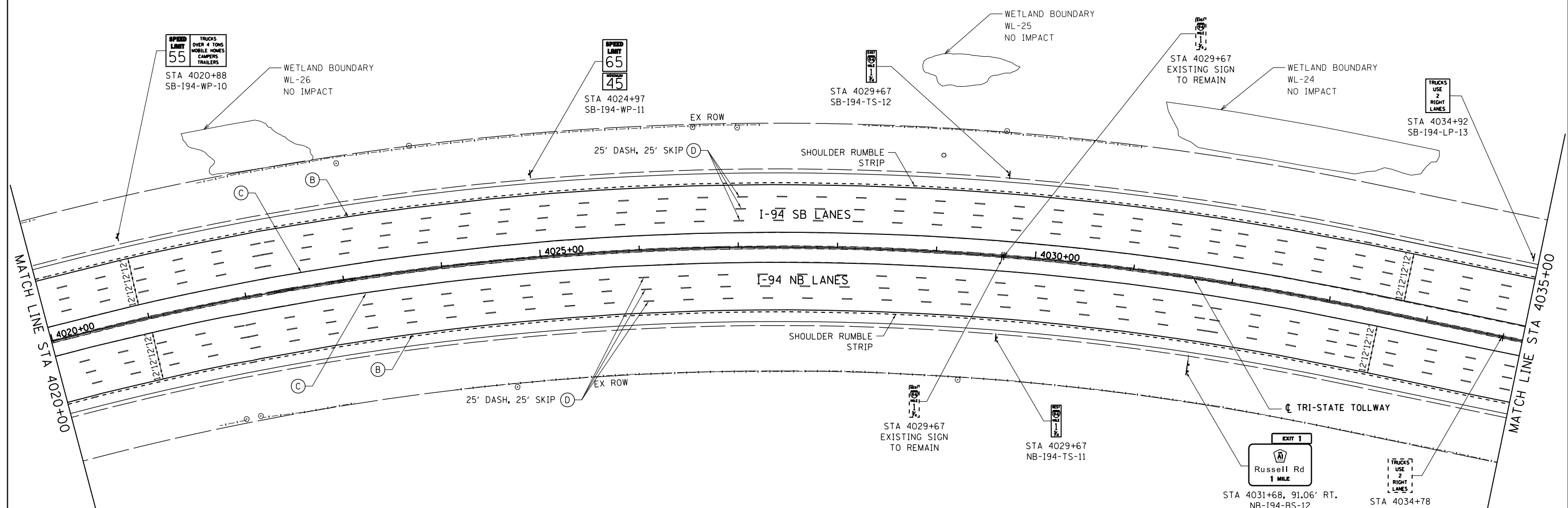
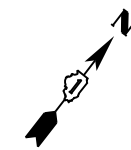
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**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

PAVEMENT MARKING & SIGNING PLAN NB I-94 AND SB I-94
 SCALE: 1"=50' SHEET NO. 4 OF 15 SHEETS STA. 4005+00 TO STA. 4020+00

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94	49-1-R-1	LAKE	677	271
CONTRACT NO. 60L77				
ILLINOIS FED. AID PROJECT				

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LEGEND

- | | |
|--|--|
| (A) POLYUREA PAVEMENT MARKING TYPE I-LETTERS & SYMBOLS (WHITE) | (I) POLYUREA PAVEMENT MARKING TYPE I-5" LINE (WHITE) |
| (B) POLYUREA PAVEMENT MARKING TYPE I-4" LINE (WHITE) GROOVING FOR RECESSED PAVEMENT MARKING LINES, 5" GROOVE | (J) POLYUREA PAVEMENT MARKING TYPE I-6" LINE (WHITE) |
| (C) POLYUREA PAVEMENT MARKING TYPE I-4" LINE (YELLOW) GROOVING FOR RECESSED PAVEMENT MARKING LINES, 5" GROOVE | (K) POLYUREA PAVEMENT MARKING TYPE I-8" LINE (WHITE) |
| (D) POLYUREA PAVEMENT MARKING TYPE I-6" LINE (WHITE) GROOVING FOR RECESSED PAVEMENT MARKING LINES, 7" GROOVE | (L) POLYUREA PAVEMENT MARKING TYPE I-8" LINE (YELLOW) |
| (E) POLYUREA PAVEMENT MARKING TYPE I-10" LINE (WHITE) GROOVING FOR RECESSED PAVEMENT MARKING LINES, 11" GROOVE | (M) POLYUREA PAVEMENT MARKING TYPE I-12" LINE (WHITE) |
| (F) POLYUREA PAVEMENT MARKING TYPE I-24" LINE (WHITE) GROOVING FOR RECESSED PAVEMENT MARKING LINES, 25" GROOVE | (N) POLYUREA PAVEMENT MARKING TYPE I-12" LINE (YELLOW) |
| (G) POLYUREA PAVEMENT MARKING TYPE I-4" LINE (WHITE) | (O) POLYUREA PAVEMENT MARKING TYPE I-24" LINE (WHITE) |
| (H) POLYUREA PAVEMENT MARKING TYPE I-4" LINE (YELLOW) | (P) THERMOPLASTIC PAVEMENT MARKING-12" LINE (WHITE) |
| | (Q) ONE-WAY RAISED REFLECTIVE PAVEMENT MARKERS |
| | (R) TWO-WAY AMBER RAISED REFLECTIVE PAVEMENT MARKERS |
| | (S) POLYUREA PAVEMENT MARKING TYPE I-LETTERS & SYMBOLS (WHITE) GROOVING FOR RECESSED PAVEMENT MARKINGS, LETTERS, NUMBERS AND SYMBOLS |

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**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

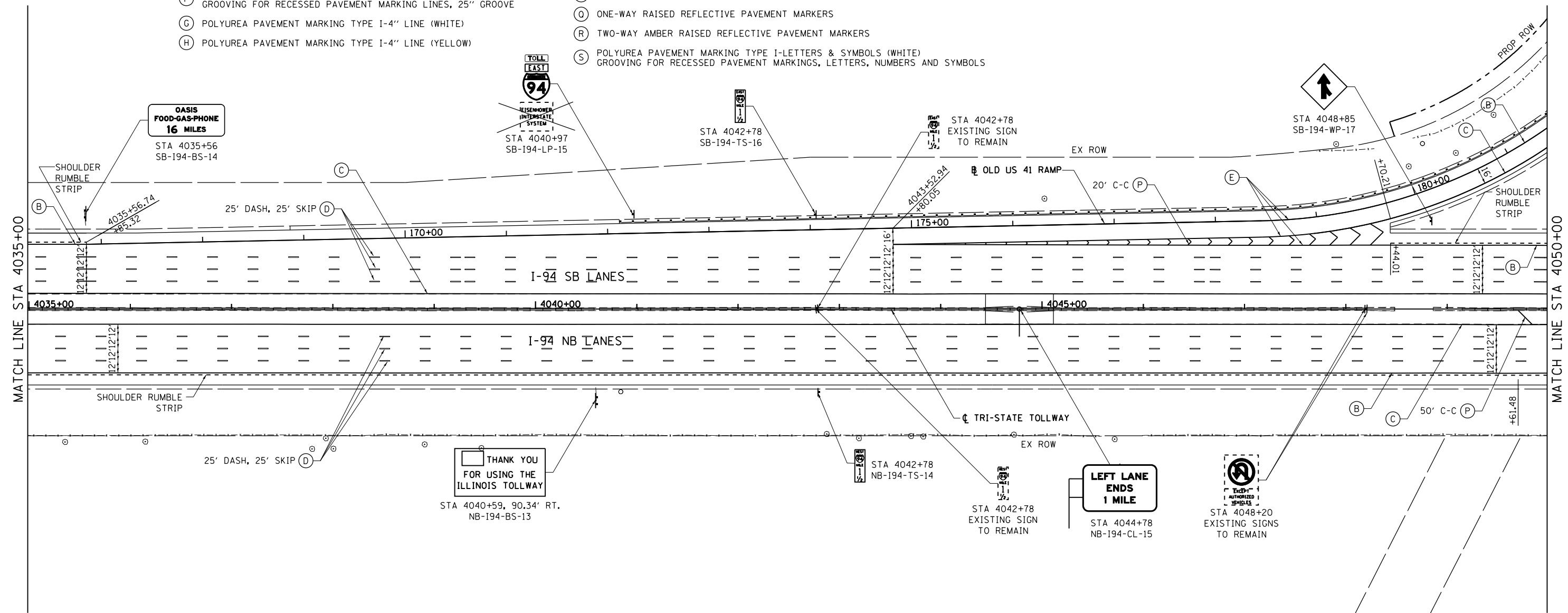
PAVEMENT MARKING & SIGNING PLAN NB I-94 AND SB I-94
 SCALE: 1"=50' SHEET NO. 5 OF 15 SHEETS STA. 4020+00 TO STA. 4035+00

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94	49-1-R-1	LAKE	677	272
CONTRACT NO. 60L77				
ILLINOIS FED. AID PROJECT				

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LEGEND

- (A) POLYUREA PAVEMENT MARKING TYPE I-LETTERS & SYMBOLS (WHITE)
- (B) POLYUREA PAVEMENT MARKING TYPE I-4" LINE (WHITE)
GROOVING FOR RECESSED PAVEMENT MARKING LINES, 5" GROOVE
- (C) POLYUREA PAVEMENT MARKING TYPE I-4" LINE (YELLOW)
GROOVING FOR RECESSED PAVEMENT MARKING LINES, 5" GROOVE
- (D) POLYUREA PAVEMENT MARKING TYPE I-6" LINE (WHITE)
GROOVING FOR RECESSED PAVEMENT MARKING LINES, 7" GROOVE
- (E) POLYUREA PAVEMENT MARKING TYPE I-10" LINE (WHITE)
GROOVING FOR RECESSED PAVEMENT MARKING LINES, 11" GROOVE
- (F) POLYUREA PAVEMENT MARKING TYPE I-24" LINE (WHITE)
GROOVING FOR RECESSED PAVEMENT MARKING LINES, 25" GROOVE
- (G) POLYUREA PAVEMENT MARKING TYPE I-4" LINE (WHITE)
- (H) POLYUREA PAVEMENT MARKING TYPE I-4" LINE (YELLOW)
- (I) POLYUREA PAVEMENT MARKING TYPE I-5" LINE (WHITE)
- (J) POLYUREA PAVEMENT MARKING TYPE I-6" LINE (WHITE)
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- (P) THERMOPLASTIC PAVEMENT MARKING-12" LINE (WHITE)
- (Q) ONE-WAY RAISED REFLECTIVE PAVEMENT MARKERS
- (R) TWO-WAY AMBER RAISED REFLECTIVE PAVEMENT MARKERS
- (S) POLYUREA PAVEMENT MARKING TYPE I-LETTERS & SYMBOLS (WHITE)
GROOVING FOR RECESSED PAVEMENT MARKINGS, LETTERS, NUMBERS AND SYMBOLS



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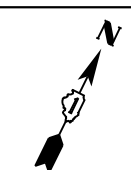
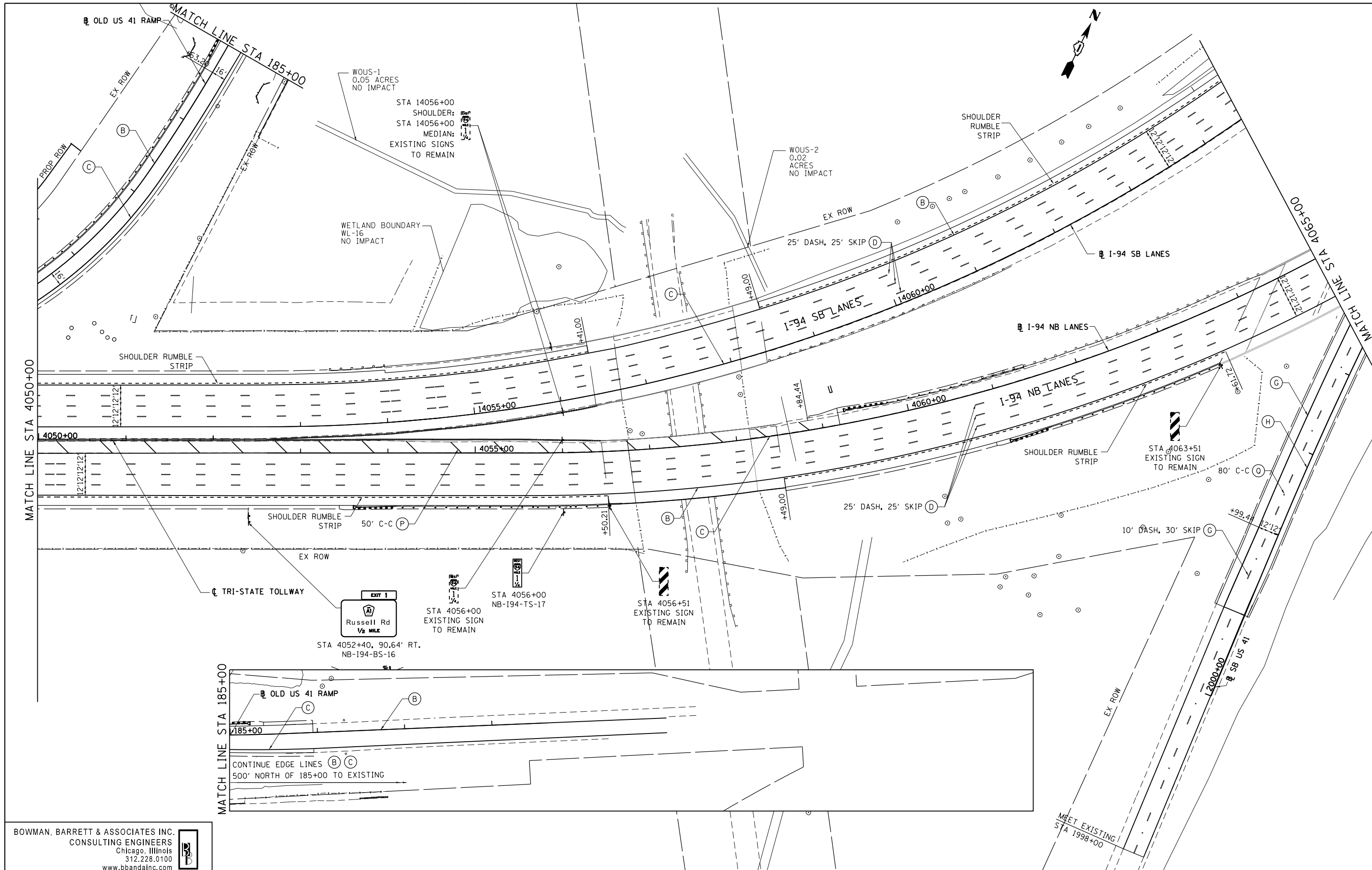
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

PAVEMENT MARKING & SIGNING PLAN NB I-94 AND SB I-94

SCALE: 1"=50' SHEET NO. 6 OF 15 SHEETS STA. 4035+00 TO STA. 4050+00

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94	49-1-R-1	LAKE	677	273
CONTRACT NO. 60L77				
ILLINOIS FED. AID PROJECT				

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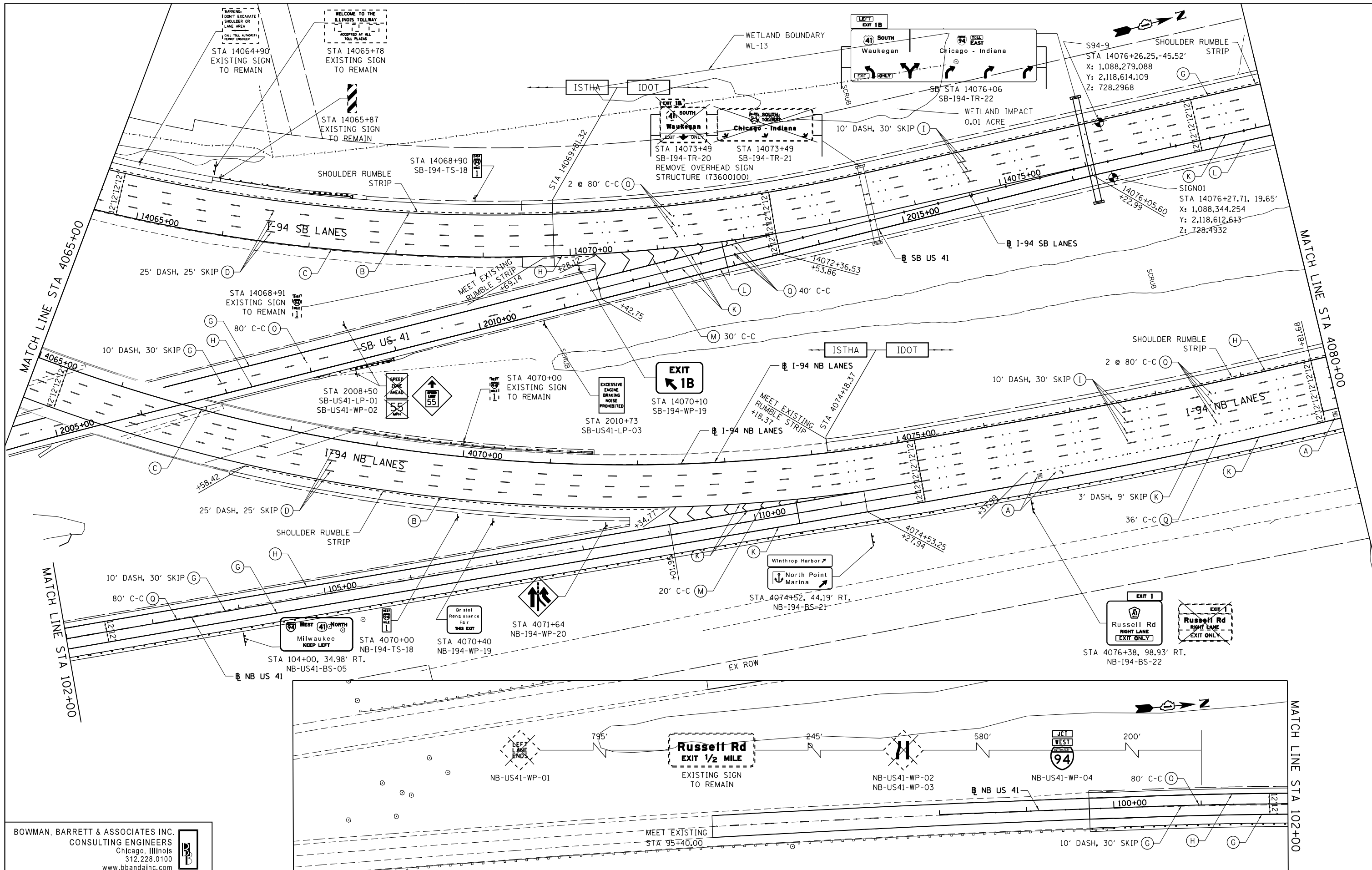
**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

PAVEMENT MARKING & SIGNING PLAN NB I-94 AND SB I-94

SCALE: 1"=50' SHEET NO. 7 OF 15 SHEETS STA. 4050+00 TO STA. 4065+00

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94	49-1-R-1	LAKE	677	274
CONTRACT NO. 60L77				
ILLINOIS FED. AID PROJECT				

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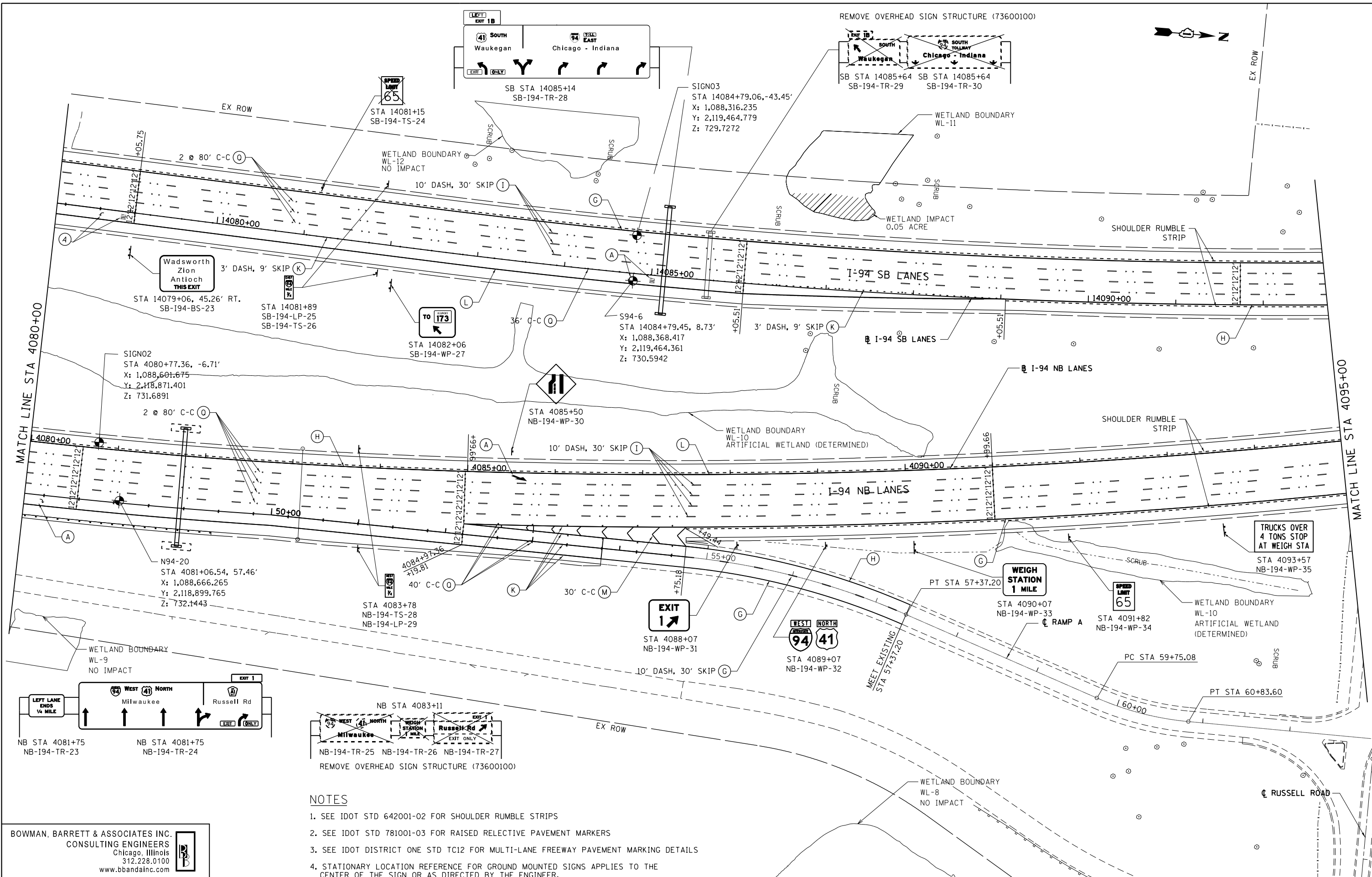
STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

PAVEMENT MARKING & SIGNING PLAN NB I-94 AND SB I-94

SCALE: 1"=50' SHEET NO. 8 OF 15 SHEETS STA. 4065+00 TO STA. 4080+00

F.A. RTÉ.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94	49-1-R-1	LAKE	677	275
CONTRACT NO. 60L77				
ILLINOIS FED. AID PROJECT				

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- NOTES**
1. SEE IDOT STD 642001-02 FOR SHOULDER RUMBLE STRIPS
 2. SEE IDOT STD 781001-03 FOR RAISED RELECTIVE PAVEMENT MARKERS
 3. SEE IDOT DISTRICT ONE STD TC12 FOR MULTI-LANE FREEWAY PAVEMENT MARKING DETAILS
 4. STATIONARY LOCATION REFERENCE FOR GROUND MOUNTED SIGNS APPLIES TO THE CENTER OF THE SIGN OR AS DIRECTED BY THE ENGINEER.

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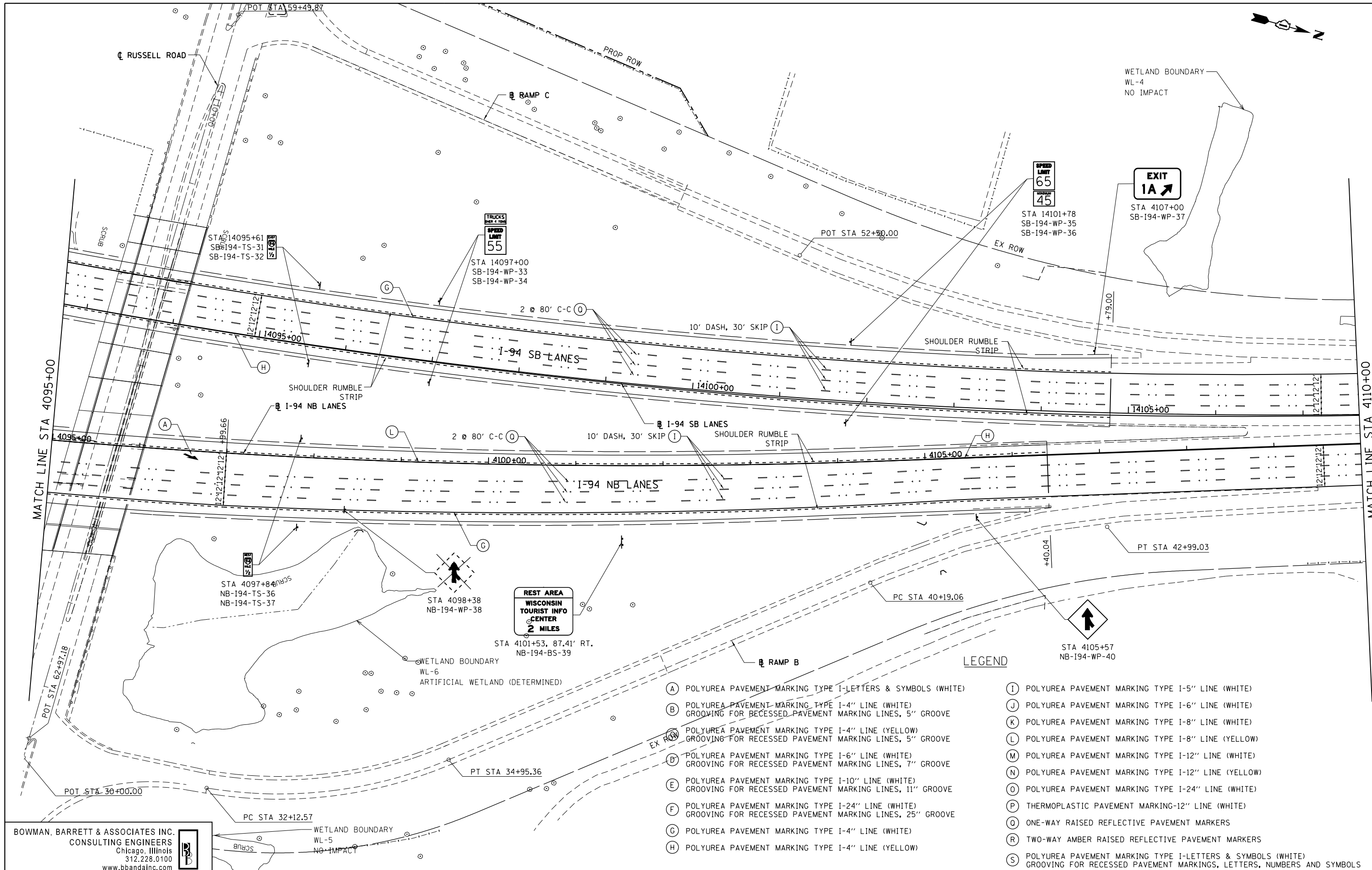
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**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

PAVEMENT MARKING & SIGNING PLAN NB I-94 AND SB I-94
 SCALE: 1"=50' SHEET NO. 9 OF 15 SHEETS STA. 4080+00 TO STA. 4095+00

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94	49-1-R-1	LAKE	677	276
CONTRACT NO. 60L77				
ILLINOIS FED. AID PROJECT				

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- LEGEND**
- (A) POLYUREA PAVEMENT MARKING TYPE I-LETTERS & SYMBOLS (WHITE)
 - (B) POLYUREA PAVEMENT MARKING TYPE I-4" LINE (WHITE) GROOVING FOR RECESSED PAVEMENT MARKING LINES, 5" GROOVE
 - (C) POLYUREA PAVEMENT MARKING TYPE I-4" LINE (YELLOW) GROOVING FOR RECESSED PAVEMENT MARKING LINES, 5" GROOVE
 - (D) POLYUREA PAVEMENT MARKING TYPE I-6" LINE (WHITE) GROOVING FOR RECESSED PAVEMENT MARKING LINES, 7" GROOVE
 - (E) POLYUREA PAVEMENT MARKING TYPE I-10" LINE (WHITE) GROOVING FOR RECESSED PAVEMENT MARKING LINES, 11" GROOVE
 - (F) POLYUREA PAVEMENT MARKING TYPE I-24" LINE (WHITE) GROOVING FOR RECESSED PAVEMENT MARKING LINES, 25" GROOVE
 - (G) POLYUREA PAVEMENT MARKING TYPE I-4" LINE (WHITE)
 - (H) POLYUREA PAVEMENT MARKING TYPE I-4" LINE (YELLOW)
 - (I) POLYUREA PAVEMENT MARKING TYPE I-5" LINE (WHITE)
 - (J) POLYUREA PAVEMENT MARKING TYPE I-6" LINE (WHITE)
 - (K) POLYUREA PAVEMENT MARKING TYPE I-8" LINE (WHITE)
 - (L) POLYUREA PAVEMENT MARKING TYPE I-8" LINE (YELLOW)
 - (M) POLYUREA PAVEMENT MARKING TYPE I-12" LINE (WHITE)
 - (N) POLYUREA PAVEMENT MARKING TYPE I-12" LINE (YELLOW)
 - (O) POLYUREA PAVEMENT MARKING TYPE I-24" LINE (WHITE)
 - (P) THERMOPLASTIC PAVEMENT MARKING-12" LINE (WHITE)
 - (Q) ONE-WAY RAISED REFLECTIVE PAVEMENT MARKERS
 - (R) TWO-WAY AMBER RAISED REFLECTIVE PAVEMENT MARKERS
 - (S) POLYUREA PAVEMENT MARKING TYPE I-LETTERS & SYMBOLS (WHITE) GROOVING FOR RECESSED PAVEMENT MARKINGS, LETTERS, NUMBERS AND SYMBOLS

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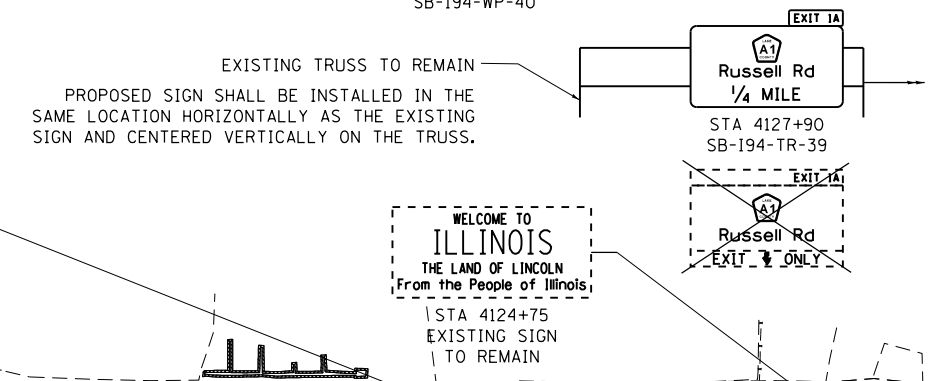
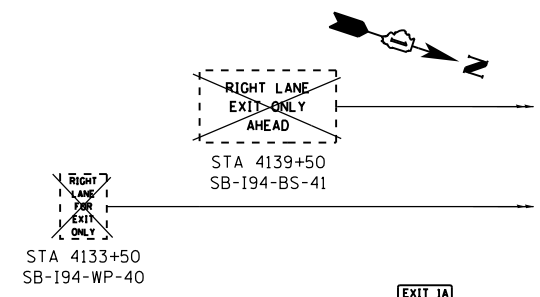
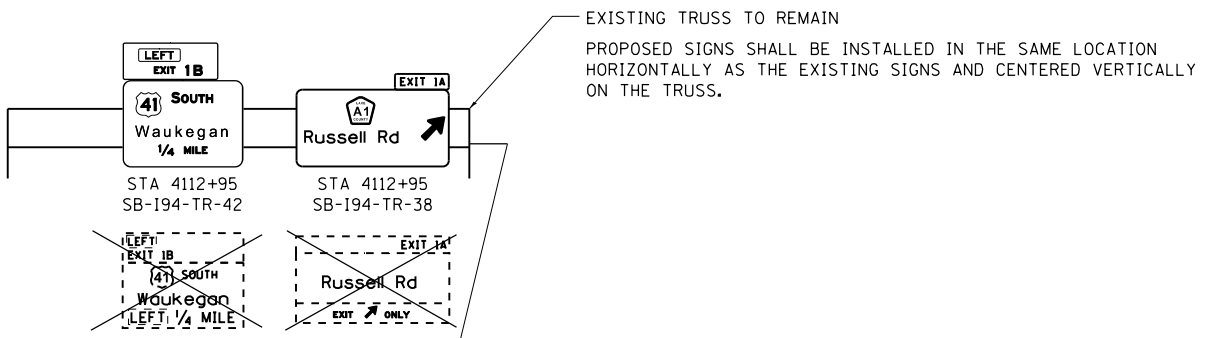
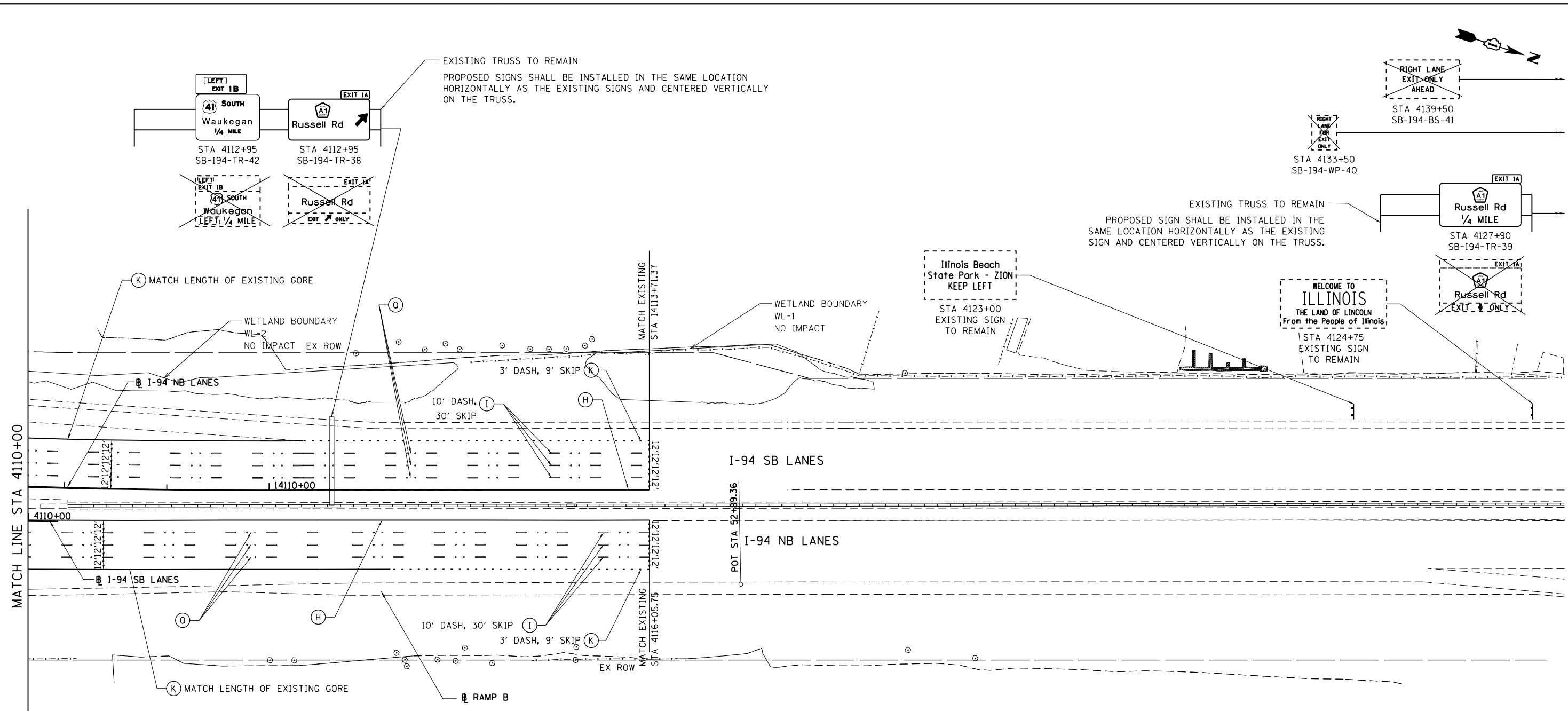
**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

PAVEMENT MARKING & SIGNING PLAN NB I-94 AND SB I-94

SCALE: 1"=50' SHEET NO. 10 OF 15 SHEETS STA. 4095+00 TO STA. 4110+00

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94	49-1-R-1	LAKE	677	277
CONTRACT NO. 60L77				
ILLINOIS FED. AID PROJECT				

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LEGEND

- (A) POLYUREA PAVEMENT MARKING TYPE I-LETTERS & SYMBOLS (WHITE)
- (B) POLYUREA PAVEMENT MARKING TYPE I-4" LINE (WHITE) GROOVING FOR RECESSED PAVEMENT MARKING LINES, 5" GROOVE
- (C) POLYUREA PAVEMENT MARKING TYPE I-4" LINE (YELLOW) GROOVING FOR RECESSED PAVEMENT MARKING LINES, 5" GROOVE
- (D) POLYUREA PAVEMENT MARKING TYPE I-6" LINE (WHITE) GROOVING FOR RECESSED PAVEMENT MARKING LINES, 7" GROOVE
- (E) POLYUREA PAVEMENT MARKING TYPE I-10" LINE (WHITE) GROOVING FOR RECESSED PAVEMENT MARKING LINES, 11" GROOVE
- (F) POLYUREA PAVEMENT MARKING TYPE I-24" LINE (WHITE) GROOVING FOR RECESSED PAVEMENT MARKING LINES, 25" GROOVE
- (G) POLYUREA PAVEMENT MARKING TYPE I-4" LINE (WHITE)
- (H) POLYUREA PAVEMENT MARKING TYPE I-4" LINE (YELLOW)
- (I) POLYUREA PAVEMENT MARKING TYPE I-5" LINE (WHITE)
- (J) POLYUREA PAVEMENT MARKING TYPE I-6" LINE (WHITE)
- (K) POLYUREA PAVEMENT MARKING TYPE I-8" LINE (WHITE)
- (L) POLYUREA PAVEMENT MARKING TYPE I-8" LINE (YELLOW)
- (M) POLYUREA PAVEMENT MARKING TYPE I-12" LINE (WHITE)
- (N) POLYUREA PAVEMENT MARKING TYPE I-12" LINE (YELLOW)
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- (P) THERMOPLASTIC PAVEMENT MARKING-12" LINE (WHITE)
- (Q) ONE-WAY RAISED REFLECTIVE PAVEMENT MARKERS
- (R) TWO-WAY AMBER RAISED REFLECTIVE PAVEMENT MARKERS
- (S) POLYUREA PAVEMENT MARKING TYPE I-LETTERS & SYMBOLS (WHITE) GROOVING FOR RECESSED PAVEMENT MARKINGS, LETTERS, NUMBERS AND SYMBOLS

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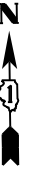
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**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

PAVEMENT MARKING & SIGNING PLAN NB I-94 AND SB I-94
 SCALE: 1"=50' SHEET NO. 11 OF 15 SHEETS STA. 4110+00 TO STA. 4125+00

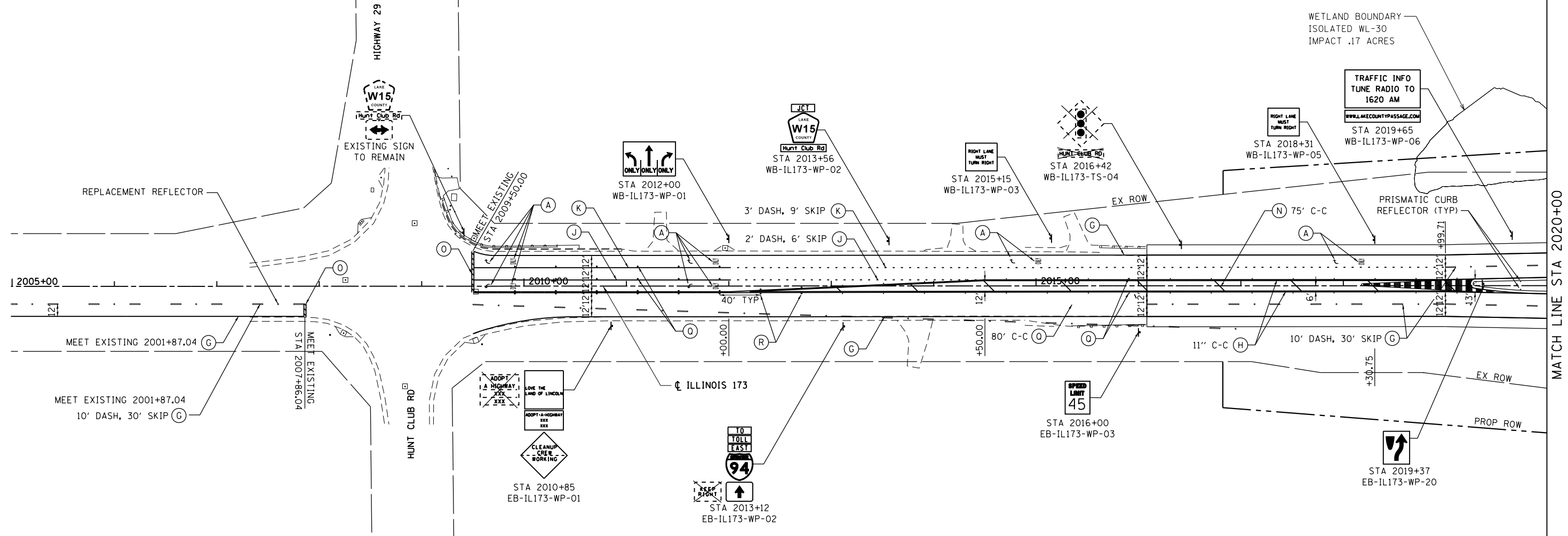
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94	49-1-R-1	LAKE	677	278
CONTRACT NO. 60L77				
ILLINOIS FED. AID PROJECT				

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NOTES

1. SEE IDOT STD 781001-03 FOR RAISED RELECTIVE PAVEMENT MARKERS
2. SEE IDOT STD 782001 FOR PRISMATIC CURB REFLECTORS
3. SEE IDOT DISTRICT ONE STD TC12 FOR MULTI-LANE FREEWAY PAVEMENT MARKING DETAILS
4. STATIONARY LOCATION REFERENCE FOR GROUND MOUNTED SIGNS APPLIES TO THE CENTER OF THE SIGN OR AS DIRECTED BY THE ENGINEER.



LEGEND

- | | |
|---|---|
| (A) POLYUREA PAVEMENT MARKING TYPE I-LETTERS & SYMBOLS (WHITE) | (I) POLYUREA PAVEMENT MARKING TYPE I-5" LINE (WHITE) |
| (B) POLYUREA PAVEMENT MARKING TYPE I-4" LINE (WHITE)
GROOVING FOR RECESSED PAVEMENT MARKING LINES, 5" GROOVE | (J) POLYUREA PAVEMENT MARKING TYPE I-6" LINE (WHITE) |
| (C) POLYUREA PAVEMENT MARKING TYPE I-4" LINE (YELLOW)
GROOVING FOR RECESSED PAVEMENT MARKING LINES, 5" GROOVE | (K) POLYUREA PAVEMENT MARKING TYPE I-8" LINE (WHITE) |
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GROOVING FOR RECESSED PAVEMENT MARKING LINES, 25" GROOVE | (N) POLYUREA PAVEMENT MARKING TYPE I-12" LINE (YELLOW) |
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| | (S) POLYUREA PAVEMENT MARKING TYPE I-LETTERS & SYMBOLS (WHITE)
GROOVING FOR RECESSED PAVEMENT MARKINGS, LETTERS, NUMBERS AND SYMBOLS |

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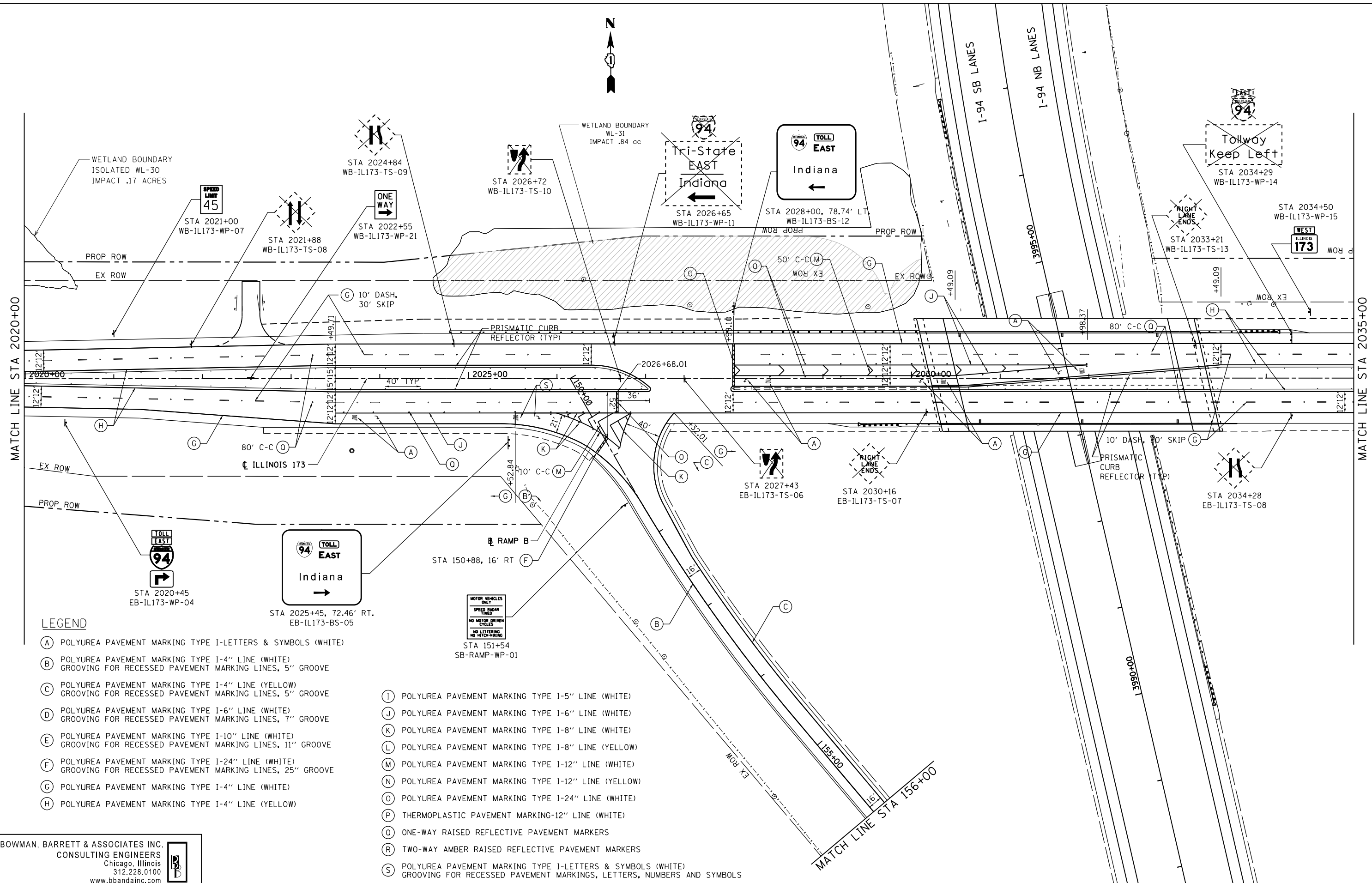
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

PAVEMENT MARKING & SIGNING PLAN IL RTE 173

SCALE: 1"=50' SHEET NO. 12 OF 15 SHEETS STA. 2005+00 TO STA. 2020+00

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94	49-1-R-1	LAKE	677	279
CONTRACT NO. 60L77				
ILLINOIS FED. AID PROJECT				



MATCH LINE STA 2020+00

MATCH LINE STA 2035+00

LEGEND

- (A) POLYUREA PAVEMENT MARKING TYPE I-LETTERS & SYMBOLS (WHITE)
- (B) POLYUREA PAVEMENT MARKING TYPE I-4" LINE (WHITE) GROOVING FOR RECESSED PAVEMENT MARKING LINES, 5" GROOVE
- (C) POLYUREA PAVEMENT MARKING TYPE I-4" LINE (YELLOW) GROOVING FOR RECESSED PAVEMENT MARKING LINES, 5" GROOVE
- (D) POLYUREA PAVEMENT MARKING TYPE I-6" LINE (WHITE) GROOVING FOR RECESSED PAVEMENT MARKING LINES, 7" GROOVE
- (E) POLYUREA PAVEMENT MARKING TYPE I-10" LINE (WHITE) GROOVING FOR RECESSED PAVEMENT MARKING LINES, 11" GROOVE
- (F) POLYUREA PAVEMENT MARKING TYPE I-24" LINE (WHITE) GROOVING FOR RECESSED PAVEMENT MARKING LINES, 25" GROOVE
- (G) POLYUREA PAVEMENT MARKING TYPE I-4" LINE (WHITE)
- (H) POLYUREA PAVEMENT MARKING TYPE I-4" LINE (YELLOW)
- (I) POLYUREA PAVEMENT MARKING TYPE I-5" LINE (WHITE)
- (J) POLYUREA PAVEMENT MARKING TYPE I-6" LINE (WHITE)
- (K) POLYUREA PAVEMENT MARKING TYPE I-8" LINE (WHITE)
- (L) POLYUREA PAVEMENT MARKING TYPE I-8" LINE (YELLOW)
- (M) POLYUREA PAVEMENT MARKING TYPE I-12" LINE (WHITE)
- (N) POLYUREA PAVEMENT MARKING TYPE I-12" LINE (YELLOW)
- (O) POLYUREA PAVEMENT MARKING TYPE I-24" LINE (WHITE)
- (P) THERMOPLASTIC PAVEMENT MARKING-12" LINE (WHITE)
- (Q) ONE-WAY RAISED REFLECTIVE PAVEMENT MARKERS
- (R) TWO-WAY AMBER RAISED REFLECTIVE PAVEMENT MARKERS
- (S) POLYUREA PAVEMENT MARKING TYPE I-LETTERS & SYMBOLS (WHITE) GROOVING FOR RECESSED PAVEMENT MARKINGS, LETTERS, NUMBERS AND SYMBOLS

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FILE NAME = \$FILES\$	USER NAME = default	DESIGNED - MAB	REVISED -
		DRAWN - MAB	REVISED -
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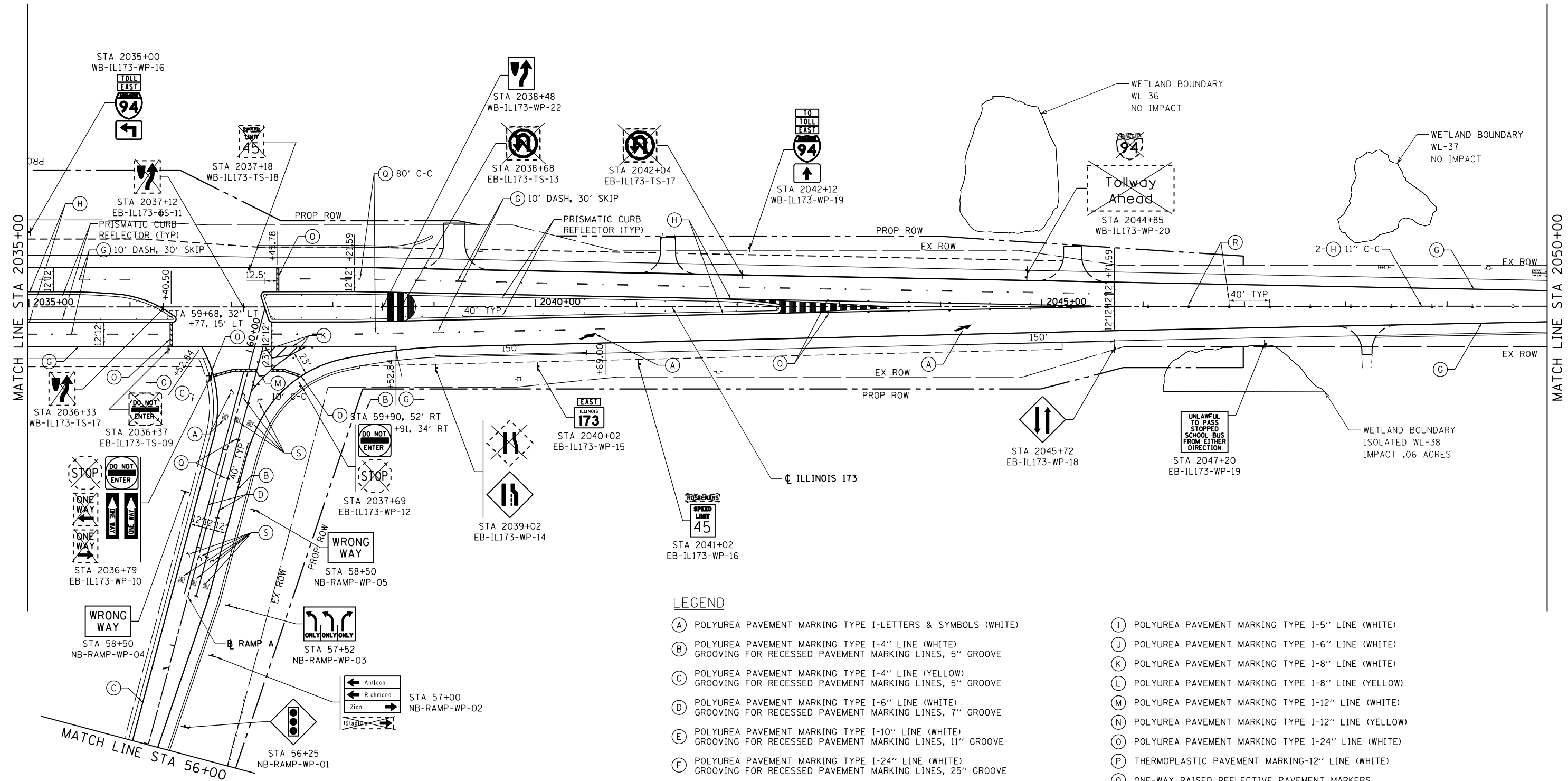
**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

PAVEMENT MARKING & SIGNING PLAN IL RTE 173

SCALE: 1"=50' SHEET NO. 13 OF 15 SHEETS STA. 2020+00 TO STA. 2035+00

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94	49-1-R-1	LAKE	677	280
CONTRACT NO. 60L77				
ILLINOIS FED. AID PROJECT				

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- LEGEND**
- (A) POLYUREA PAVEMENT MARKING TYPE I-LETTERS & SYMBOLS (WHITE)
 - (B) POLYUREA PAVEMENT MARKING TYPE I-4" LINE (WHITE) GROOVING FOR RECESSED PAVEMENT MARKING LINES, 5" GROOVE
 - (C) POLYUREA PAVEMENT MARKING TYPE I-4" LINE (YELLOW) GROOVING FOR RECESSED PAVEMENT MARKING LINES, 5" GROOVE
 - (D) POLYUREA PAVEMENT MARKING TYPE I-6" LINE (WHITE) GROOVING FOR RECESSED PAVEMENT MARKING LINES, 7" GROOVE
 - (E) POLYUREA PAVEMENT MARKING TYPE I-10" LINE (WHITE) GROOVING FOR RECESSED PAVEMENT MARKING LINES, 11" GROOVE
 - (F) POLYUREA PAVEMENT MARKING TYPE I-24" LINE (WHITE) GROOVING FOR RECESSED PAVEMENT MARKING LINES, 25" GROOVE
 - (G) POLYUREA PAVEMENT MARKING TYPE I-4" LINE (WHITE)
 - (H) POLYUREA PAVEMENT MARKING TYPE I-4" LINE (YELLOW)
 - (I) POLYUREA PAVEMENT MARKING TYPE I-5" LINE (WHITE)
 - (J) POLYUREA PAVEMENT MARKING TYPE I-6" LINE (WHITE)
 - (K) POLYUREA PAVEMENT MARKING TYPE I-8" LINE (WHITE)
 - (L) POLYUREA PAVEMENT MARKING TYPE I-8" LINE (YELLOW)
 - (M) POLYUREA PAVEMENT MARKING TYPE I-12" LINE (WHITE)
 - (N) POLYUREA PAVEMENT MARKING TYPE I-12" LINE (YELLOW)
 - (O) POLYUREA PAVEMENT MARKING TYPE I-24" LINE (WHITE)
 - (P) THERMOPLASTIC PAVEMENT MARKING-12" LINE (WHITE)
 - (Q) ONE-WAY RAISED REFLECTIVE PAVEMENT MARKERS
 - (R) TWO-WAY AMBER RAISED REFLECTIVE PAVEMENT MARKERS
 - (S) POLYUREA PAVEMENT MARKING TYPE I-LETTERS & SYMBOLS (WHITE) GROOVING FOR RECESSED PAVEMENT MARKINGS, LETTERS, NUMBERS AND SYMBOLS

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FILE NAME = \$FILES\$	USER NAME = default	DESIGNED - MAB	REVISED -
		DRAWN - MAB	REVISED -
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	PLOT DATE = 6/20/2012	DATE - 6/19/2012	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

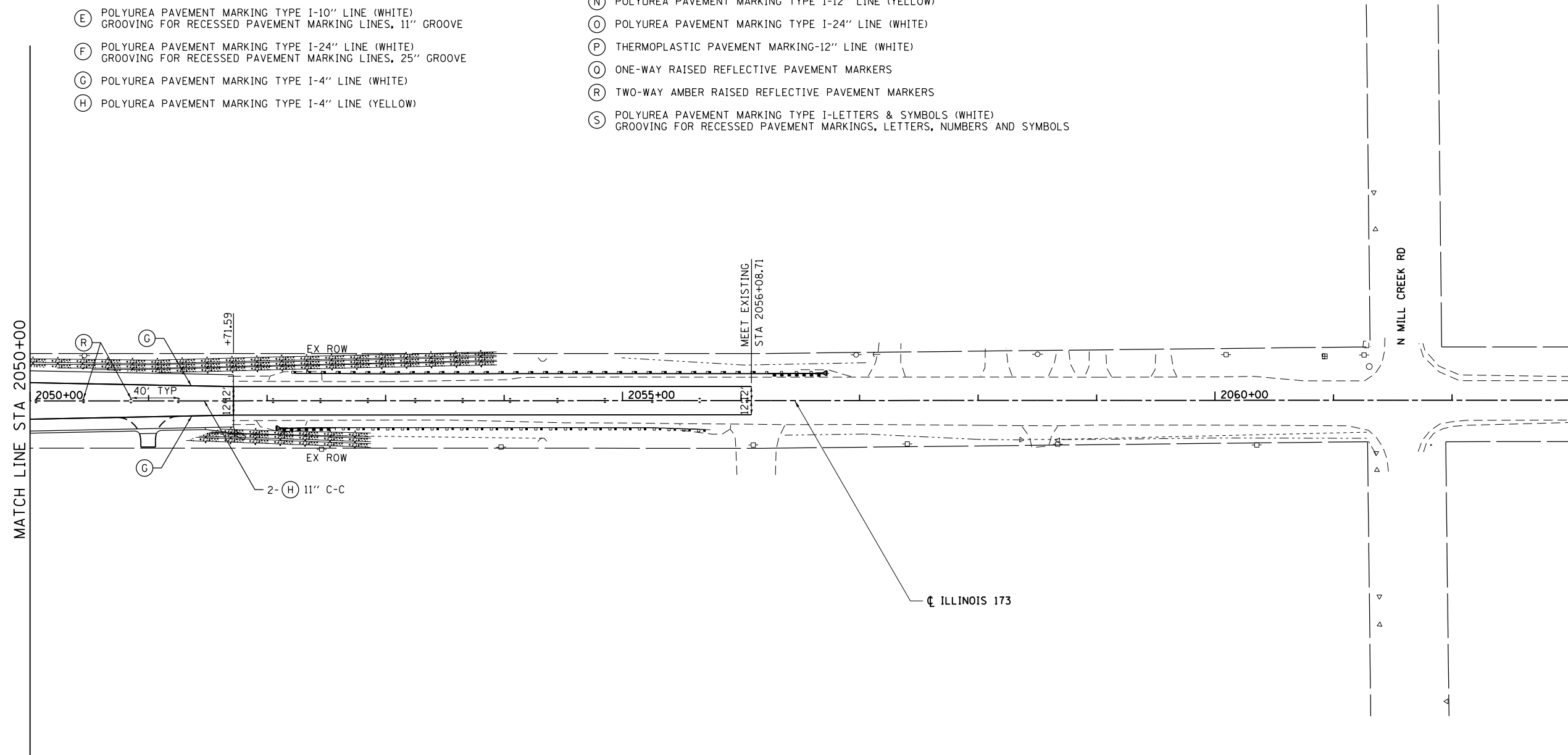
PAVEMENT MARKING & SIGNING PLAN IL RTE 173
 SCALE: 1"=50' SHEET NO. 14 OF 15 SHEETS STA. 2035+00 TO STA. 2050+00

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94	49-1-R-1	LAKE	677	281
CONTRACT NO. 60L77				
ILLINOIS FED. AID PROJECT				

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LEGEND

- (A) POLYUREA PAVEMENT MARKING TYPE I-LETTERS & SYMBOLS (WHITE)
- (B) POLYUREA PAVEMENT MARKING TYPE I-4" LINE (WHITE)
GROOVING FOR RECESSED PAVEMENT MARKING LINES, 5" GROOVE
- (C) POLYUREA PAVEMENT MARKING TYPE I-4" LINE (YELLOW)
GROOVING FOR RECESSED PAVEMENT MARKING LINES, 5" GROOVE
- (D) POLYUREA PAVEMENT MARKING TYPE I-6" LINE (WHITE)
GROOVING FOR RECESSED PAVEMENT MARKING LINES, 7" GROOVE
- (E) POLYUREA PAVEMENT MARKING TYPE I-10" LINE (WHITE)
GROOVING FOR RECESSED PAVEMENT MARKING LINES, 11" GROOVE
- (F) POLYUREA PAVEMENT MARKING TYPE I-24" LINE (WHITE)
GROOVING FOR RECESSED PAVEMENT MARKING LINES, 25" GROOVE
- (G) POLYUREA PAVEMENT MARKING TYPE I-4" LINE (WHITE)
- (H) POLYUREA PAVEMENT MARKING TYPE I-4" LINE (YELLOW)
- (I) POLYUREA PAVEMENT MARKING TYPE I-5" LINE (WHITE)
- (J) POLYUREA PAVEMENT MARKING TYPE I-6" LINE (WHITE)
- (K) POLYUREA PAVEMENT MARKING TYPE I-8" LINE (WHITE)
- (L) POLYUREA PAVEMENT MARKING TYPE I-8" LINE (YELLOW)
- (M) POLYUREA PAVEMENT MARKING TYPE I-12" LINE (WHITE)
- (N) POLYUREA PAVEMENT MARKING TYPE I-12" LINE (YELLOW)
- (O) POLYUREA PAVEMENT MARKING TYPE I-24" LINE (WHITE)
- (P) THERMOPLASTIC PAVEMENT MARKING-12" LINE (WHITE)
- (Q) ONE-WAY RAISED REFLECTIVE PAVEMENT MARKERS
- (R) TWO-WAY AMBER RAISED REFLECTIVE PAVEMENT MARKERS
- (S) POLYUREA PAVEMENT MARKING TYPE I-LETTERS & SYMBOLS (WHITE)
GROOVING FOR RECESSED PAVEMENT MARKINGS, LETTERS, NUMBERS AND SYMBOLS



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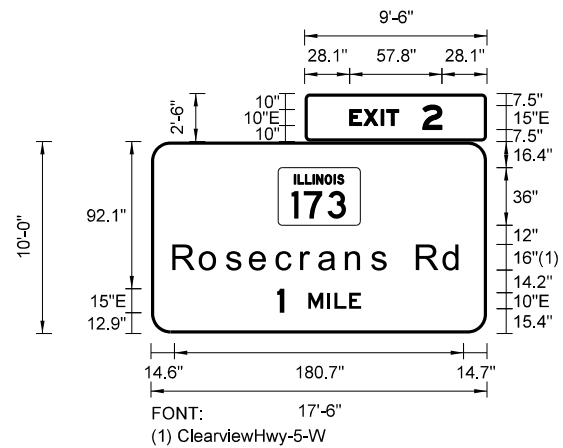
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	PLOT DATE = 6/20/2012	DATE - 6/19/2012	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

PAVEMENT MARKING & SIGNING PLAN IL RTE 173

SCALE: 1"=50' SHEET NO. 15 OF 15 SHEETS STA. 2050+00 TO STA. 2065+00

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94	49-1-R-1	LAKE	677	282
CONTRACT NO. 60L77				
ILLINOIS FED. AID PROJECT				



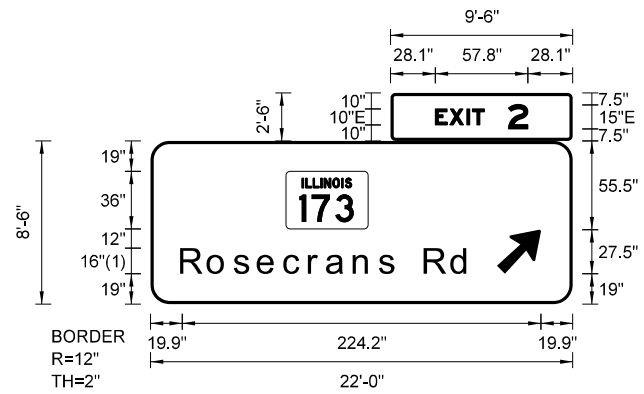
SIGN NUMBER	NB-I94-CL-01
WIDTH x HGHT.	17'-6" x 10'-0"
BORDER WIDTH	2"
CORNER RADIUS	12"
MOUNTING	Overhead
BACKGROUND	TYPE: Reflective COLOR: Green
LEGEND/BORDER	TYPE: Reflective COLOR: White

SYMBOL	ROT	X	Y	WID	HT
M1-I100A	0	79.3	67.6	51.4	36

NOTE: Letter locations are panel edge to lower left corner

LETTER POSITIONS (X) IN INCHES													LENGTH	SERIES/SIZE				
E	X	I	T	2												E 2000		
28.1	37	47.7	51.2	73.7												57.8	10, 15	
R	o	s	e	c	r	a	n	s	R	d							ClearviewHwy-5-W	
14.6	31.4	47.9	62.6	79.2	94.7	105.8	122.8	138.7	148.9	167	183.7					180.7	16/13	
1	M	I	L	E													E 2000	
78.7	98.2	110.2	114.6	123.8													52.6	15, 10

SIGN NO. NB-I94-CL-01



SIGN NUMBER	NB-I94-TR-03
WIDTH x HGHT.	22'-0" x 8'-6"
BORDER WIDTH	2"
CORNER RADIUS	12"
MOUNTING	Overhead
BACKGROUND	TYPE: Reflective COLOR: Green
LEGEND/BORDER	TYPE: Reflective COLOR: White

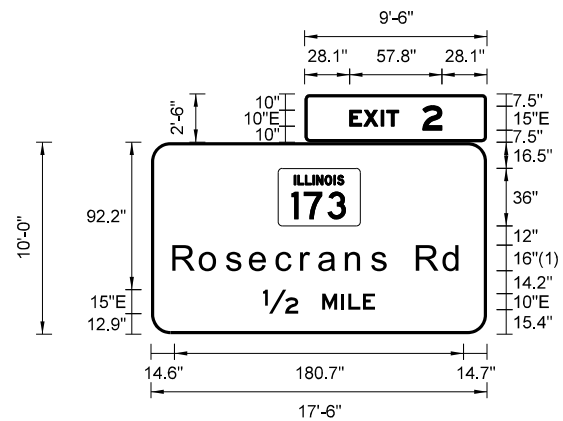
SYMBOL	ROT	X	Y	WID	HT
M1-I100A-3-42-20D		84.5	47	51.4	36
AR_Type A	315	216.6	19	22.2	34.9

NOTE: Letter locations are panel edge to lower left corner

FONT:
(1) ClearviewHwy-5-W

LETTER POSITIONS (X) IN INCHES													LENGTH	SERIES/SIZE				
E	X	I	T	2													E 2000	
28.1	37	47.7	51.2	73.7													57.7	10, 15
R	o	s	e	c	r	a	n	s	R	d								ClearviewHwy-5-W
19.9	36.7	53.2	67.9	84.5	100	111	128	143.9	154.2	172.3	189						180.7	16/13

SIGN NO. NB-I94-TR-03 STA. 3979+00



SIGN NUMBER	NB-I94-CL-02
WIDTH x HGHT.	17'-6" x 10'-0"
BORDER WIDTH	2"
CORNER RADIUS	12"
MOUNTING	Overhead
BACKGROUND	TYPE: Reflective COLOR: Green
LEGEND/BORDER	TYPE: Reflective COLOR: White

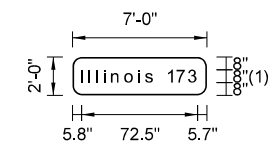
SYMBOL	ROT	X	Y	WID	HT
M1-I100A	0	79.3	67.6	51.4	36

NOTE: Letter locations are panel edge to lower left corner

FONT:
(1) ClearviewHwy-5-W

LETTER POSITIONS (X) IN INCHES													LENGTH	SERIES/SIZE					
E	X	I	T	2													E 2000		
28.1	37	47.7	51.2	73.7													57.8	10, 15	
R	o	s	e	c	r	a	n	s	R	d								ClearviewHwy-5-W	
14.6	31.4	47.9	62.6	79.2	94.7	105.8	122.8	138.7	148.9	167	183.7						180.7	16/13	
1/2	M	I	L	E														E 2000	
70	106.9	118.9	123.3	132.5														70.1	15, 10

SIGN NO. NB-I94-CL-02



SIGN NUMBER	SB-I94-WP-04
WIDTH x HGHT.	7'-0" x 2'-0"
BORDER WIDTH	1"
CORNER RADIUS	6"
MOUNTING	Overhead
BACKGROUND	TYPE: Reflective COLOR: Green
LEGEND/BORDER	TYPE: Reflective COLOR: White

FONT:
(1) ClearviewHwy-5-W

NOTE: Letter locations are panel edge to lower left corner

LETTER POSITIONS (X) IN INCHES													LENGTH	SERIES/SIZE					
I	I	I	i	n	o	i	s	1	7	3								ClearviewHwy-5-W	
5.8	10.4	15.4	20.2	24.9	33.2	41.9	46	51.1	59.4	65.4	72.7							72.5	8/6.5

SIGN NO. SB-I94-WP-04 STA. 3994+28

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		DRAWN - MAB	REVISED -
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	PLOT DATE = 6/20/2012	DATE - 6/19/2012	REVISED -

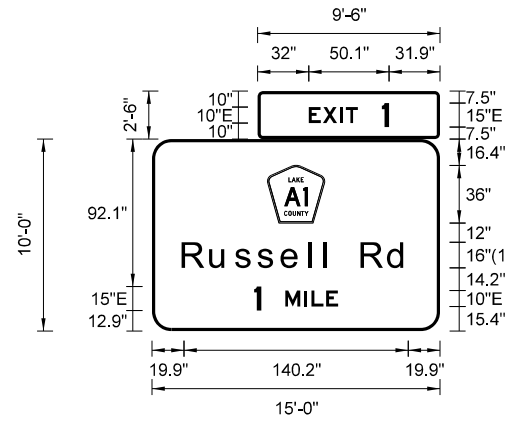
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SIGN PANEL DETAILS

SCALE: SHEET NO. 1 OF 8 SHEETS STA. N/A TO STA. N/A

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94	49-1-R-1	LAKE	677	283
CONTRACT NO. 60L77				
ILLINOIS FED. AID PROJECT				

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SIGN NUMBER	NB-I94-BS-12
WIDTH x HEIGHT	15'-0" x 10'-0"
BORDER WIDTH	2"
CORNER RADIUS	12"
MOUNTING	Ground
BACKGROUND	TYPE: Reflective
	COLOR: Green
LEGEND/BORDER	TYPE: Reflective
	COLOR: White

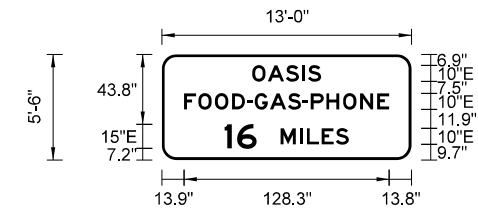
SYMBOL	ROT	X	Y	WID	HT
M1_6	0	72.1	67.6	35.7	36

FONT:
(1) ClearviewHwy-5-W

NOTE: Letter locations are panel edge to lower left corner

LETTER POSITIONS (X) IN INCHES													LENGTH	SERIES/SIZE	
E	X	I	T	1											E 2000
32	40.9	51.5	55.1	77.6											50.1 10,15
R	u	s	s	e	I	I		R	d						ClearviewHwy-5-W
19.9	37.3	53	67.1	81.8	99	108.9	114	131.7	148.5						140.2 16/13
1	M	I	L	E											E 2000
63.7	83.2	95.2	99.6	108.8											52.6 15,10

SIGN NO. NB-I94-BS-12 STA. 4031+68

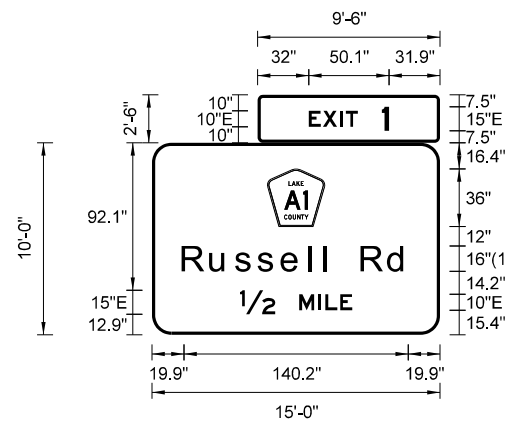


SIGN NUMBER	SB-I94-BS-14
WIDTH x HEIGHT	13'-0" x 5'-6"
BORDER WIDTH	1.75"
CORNER RADIUS	9"
MOUNTING	Ground
BACKGROUND	TYPE: Reflective
	COLOR: Green
LEGEND/BORDER	TYPE: Reflective
	COLOR: White

NOTE: Letter locations are panel edge to lower left corner

LETTER POSITIONS (X) IN INCHES													LENGTH	SERIES/SIZE	
O	A	S	I	S											E 2000
56.5	66.3	77.6	87.7	91.5											43.1 10
F	O	O	D	-	G	A	S	-	P	H	O	N	E		E 2000
13.9	22.8	33.2	43.9	53.3	58.1	67.6	78.9	88	93.1	102.9	113.3	124	134.7		128.3 10
1	6	M	I	L	E	S									E 2000
39.2	47.1	74.3	86.3	90.7	99.9	108.8									77.7 15,10

SIGN NO. SB-I94-BS-14 STA. 4035+56



SIGN NUMBER	NB-I94-BS-16
WIDTH x HEIGHT	15'-0" x 10'-0"
BORDER WIDTH	2"
CORNER RADIUS	12"
MOUNTING	Ground
BACKGROUND	TYPE: Reflective
	COLOR: Green
LEGEND/BORDER	TYPE: Reflective
	COLOR: White

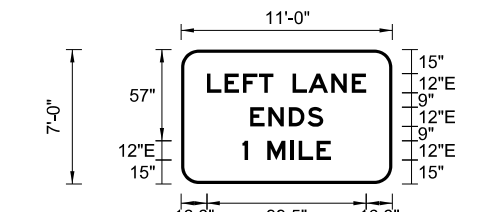
SYMBOL	ROT	X	Y	WID	HT
M1_6	0	72.1	67.6	35.7	36

FONT:
(1) ClearviewHwy-5-W

NOTE: Letter locations are panel edge to lower left corner

LETTER POSITIONS (X) IN INCHES													LENGTH	SERIES/SIZE	
E	X	I	T	1											E 2000
32	40.9	51.5	55.1	77.6											50.1 10,15
R	u	s	s	e	I	I		R	d						ClearviewHwy-5-W
19.9	37.3	53	67.1	81.8	99	108.9	114	131.7	148.5						140.2 16/13
1/2	M	I	L	E											E 2000
55	92	104	108.4	117.6											70.1 15,10

SIGN NO. NB-I94-BS-16 STA. 4052+40



SIGN NUMBER	NB-I94-CL-15
WIDTH x HEIGHT	11'-0" x 7'-0"
BORDER WIDTH	2"
CORNER RADIUS	11"
MOUNTING	Overhead
BACKGROUND	TYPE: Reflective
	COLOR: Yellow
LEGEND/BORDER	TYPE: Reflective
	COLOR: Black

NOTE: Letter locations are panel edge to lower left corner

LETTER POSITIONS (X) IN INCHES													LENGTH	SERIES/SIZE	
L	E	F	T		L	A	N	E							E 2000
16.3	27.3	38.7	48.7	57.7	69.7	79.6	93.9	106.7							99.5 12
E	N	D	S												E 2000
43.1	54.5	67.4	79.1												45.7 12
1	M	I	L	E											E 2000
38.3	53.9	68.3	73.6	84.7											55.3 12

SIGN NO. NB-I94-CL-15 STA. 4044+78

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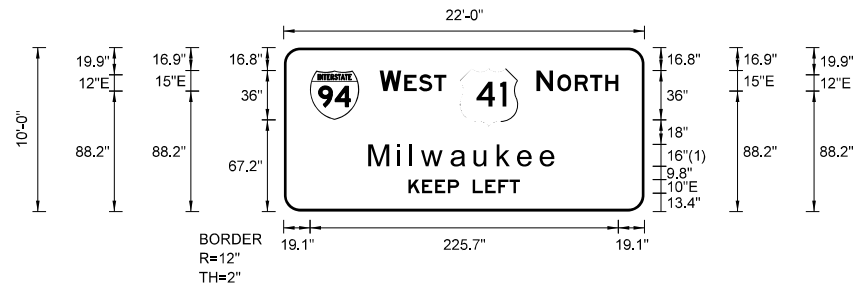
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SIGN PANEL DETAILS

SCALE: SHEET NO. 2 OF 8 SHEETS STA. N/A TO STA. N/A

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94	49-1-R-1	LAKE	677	284
ILLINOIS FED. AID PROJECT			CONTRACT NO. 60L77	

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FONT:
(1) ClearviewHwy-5-W

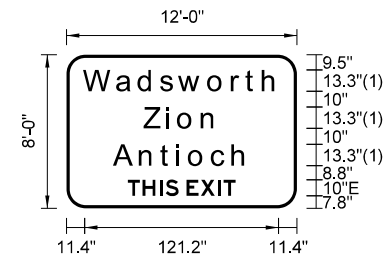
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BORDER WIDTH	2"
CORNER RADIUS	12"
MOUNTING	Ground
BACKGROUND	TYPE: Reflective COLOR: Green
LEGEND/BORDER	TYPE: Reflective COLOR: White

SYMBOL	ROT	X	Y	WID	HT
M1_1	0	19.1	67.2	36	36
M1_4	0	133.9	67.2	36	36

NOTE: Letter locations are panel edge to lower left corner

LETTER POSITIONS (X) IN INCHES													LENGTH	SERIES/SIZE		
W	E	S	T												E 2000	
70.1	88.2	98.9	109.9												48.8	15,12
N	O	R	T	H											E 2000	
184.9	200.2	213.1	224.1	235.2											59.9	15,12
M	i	l	w	a	u	k	e	e							ClearviewHwy-5-W	
63.4	84	93.4	101.6	123.4	140.4	157.4	172.3	188.9							137.3	16/13
K	E	E	P		L	E	F	T							E 2000	
91.3	101.2	110.7	120.2	128.3	138.3	147.5	157	165.3							81.5	10

SIGN NO. NB-US41-BS-05 STA. 104+00



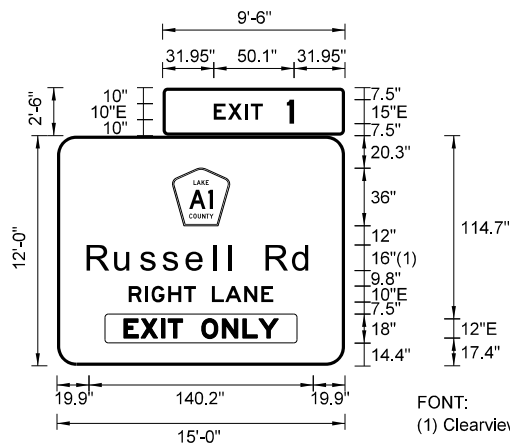
FONT:
(1) ClearviewHwy-5-W

SIGN NUMBER	SB-I94-BS-23
WIDTH x HEIGHT	12'-0" x 8'-0"
BORDER WIDTH	2"
CORNER RADIUS	12"
MOUNTING	Ground
BACKGROUND	TYPE: Reflective COLOR: Green
LEGEND/BORDER	TYPE: Reflective COLOR: White

NOTE: Letter locations are panel edge to lower left corner

LETTER POSITIONS (X) IN INCHES													LENGTH	SERIES/SIZE			
W	a	d	s	w	o	r	t	h								ClearviewHwy-5-W	
11.4	32.2	45.8	59.5	70.8	89.3	104.1	112.8	123.3								121.2	13.3/10.8
Z	i	o	n													ClearviewHwy-5-W	
49.5	63.1	70.4	85.2													45	13.3/10.8
A	n	t	i	o	c	h										ClearviewHwy-5-W	
30.3	46.6	59.6	69.9	77.2	91.5	104.4										83.4	13.3/10.8
T	H	I	S		E	X	I	T								E 2000	
38.3	47.5	58.2	62	70.1	75.1	84	94.7	98.2								67.4	10

SIGN NO. SB-I94-BS-23 STA. 14079+06



FONT:
(1) ClearviewHwy-5-W

"EXIT ONLY" PANEL IS YELLOW WITH BLACK LEGEND

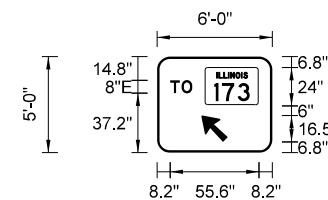
SIGN NUMBER	NB-I94-BS-22
WIDTH x HGHT.	15'-0" x 12'-0"
BORDER WIDTH	2"
CORNER RADIUS	12"
MOUNTING	Ground
BACKGROUND	TYPE: Reflective COLOR: Green
LEGEND/BORDER	TYPE: Reflective COLOR: White

SYMBOL	ROT	X	Y	WID	HT
M1_6	0	72.1	87.7	35.7	36
E11_1c	0	30	14.4	120	18

NOTE: Letter locations are panel edge to lower left corner

LETTER POSITIONS (X) IN INCHES													LENGTH	SERIES/SIZE		
E	X	I	T	1											E 2000	
32	40.9	51.6	55.1	77.6											50.1	10,15
R	u	s	s	e	I	I		R	d						ClearviewHwy-5-W	
19.9	37.3	53	67.1	81.8	99	108.9	114	131.7	148.5						140.2	16/13
R	I	G	H	T		L	A	N	E						E 2000	
44.9	55	59.1	69.5	79.3	86.8	96.8	105.1	117	127.7						90.3	10

SIGN NO. NB-I94-BS-22 STA. 4076+38



SIGN NUMBER	SB-I94-BS-27
WIDTH x HEIGHT	6'-0" x 5'-0"
BORDER WIDTH	1.5"
CORNER RADIUS	8"
MOUNTING	Ground
BACKGROUND	TYPE: Reflective COLOR: Green
LEGEND/BORDER	TYPE: Reflective COLOR: White

SYMBOL	ROT	X	Y	WID	HT
M1-1100A	0	30	29.2	33.8	24
AR_Type A	45	27.8	6.8	13.3	20.9

NOTE: Letter locations are panel edge to lower left corner

LETTER POSITIONS (X) IN INCHES													LENGTH	SERIES/SIZE			
T	O															E 2000	
8.2	15.3															13.8	8

SIGN NO. SB-I94-BS-27 STA. 14082+06

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FILE NAME = \$FILES\$	USER NAME = default	DESIGNED - MAB	REVISED -
		DRAWN - MAB	REVISED -
	PLOT SCALE = Ht1=10' Wt1=5'	CHECKED - RGR	REVISED -
	PLOT DATE = 6/20/2012	DATE - 6/19/2012	REVISED -

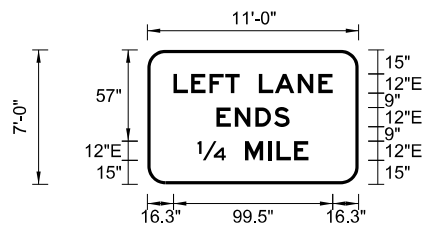
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SIGN PANEL DETAILS

SCALE: SHEET NO. 3 OF 8 SHEETS STA. N/A TO STA. N/A

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94	49-1-R-1	LAKE	677	285
CONTRACT NO. 60L77				
ILLINOIS FED. AID PROJECT				

S:\1101\95-CADD\60L77_IL_175\60L77_sht-sign-detail.dwg

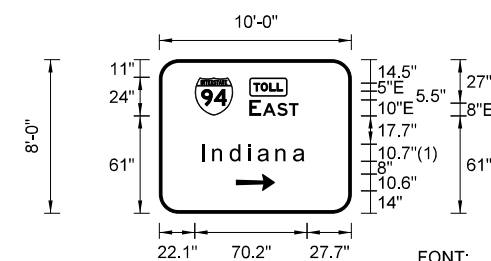


SIGN NUMBER	NB-194-TR-23
WIDTH x HEIGHT	11'-0" x 7'-0"
BORDER WIDTH	2"
CORNER RADIUS	11"
MOUNTING	Overhead
BACKGROUND	TYPE: Reflective COLOR: Yellow
LEGEND/BORDER	TYPE: Reflective COLOR: Black

NOTE: Letter locations are panel edge to lower left corner

LETTER POSITIONS (X) IN INCHES										LENGTH	SERIES/SIZE		
L	E	F	T		L	A	N	E				E 2000	
16.3	27.3	38.7	48.7	57.7	69.7	79.6	93.9	106.7				99.5	12
E	N	D	S									E 2000	
43.1	54.5	67.4	79.1									45.7	12
1/4	M	I	L	E								E 2000	
31.4	60.9	75.3	80.6	91.7								69.3	12

SIGN NO. NB-194-TR-23 STA. 4081+75



SIGN NUMBER	EB-IL173-BS-05
WIDTH x HIGHT.	10'-0" x 8'-0"
BORDER WIDTH	2"
CORNER RADIUS	12"
MOUNTING	Overhead
BACKGROUND	TYPE: Reflective COLOR: Green
LEGEND/BORDER	TYPE: Reflective COLOR: White

SYMBOL	ROT	X	Y	WID	HT
M1_1	0	22.1	61	24	24
AR_Type A - Extended	270	47.8	14	10.6	24.4

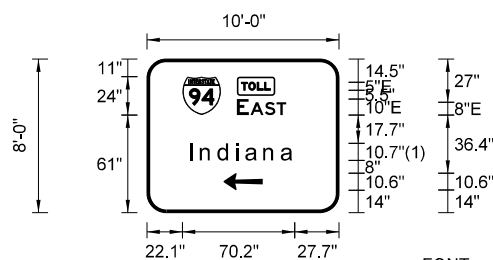
FONT:
(1) ClearviewHwy-5-W

NOTE: Letter locations are panel edge to lower left corner

"TOLL" PANEL IS YELLOW WITH BLACK LEGEND

LETTER POSITIONS (X) IN INCHES										LENGTH	SERIES/SIZE		
T	O	L	L									E 2000	
59	63.5	68.8	73.4									18.2	5
E	A	S	T									E 2000	
56.1	64.6	73.7	81									30.9	10,8
I	n	d	i	a	n	a						ClearviewHwy-5-W	
27.7	34	45	56.6	62.2	73.6	84.4						64.6	10.7/8.7

SIGN NO. EB-IL173-BS-05 STA. 2025+45



SIGN NUMBER	WB-IL173-BS-12
WIDTH x HGHT.	10'-0" x 8'-0"
BORDER WIDTH	2"
CORNER RADIUS	12"
MOUNTING	Overhead
BACKGROUND	TYPE: Reflective COLOR: Green
LEGEND/BORDER	TYPE: Reflective COLOR: White

SYMBOL	ROT	X	Y	WID	HT
M1_1	0	22.1	61	24	24
AR_Type A - Extended	90	47.8	14	10.6	24.4

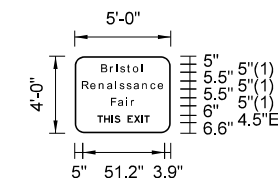
FONT:
(1) ClearviewHwy-5-W

NOTE: Letter locations are panel edge to lower left corner

"TOLL" PANEL IS YELLOW WITH BLACK LEGEND

LETTER POSITIONS (X) IN INCHES										LENGTH	SERIES/SIZE		
T	O	L	L									E 2000	
59	63.5	68.8	73.4									18.2	5
E	A	S	T									E 2000	
56.1	64.6	73.7	81									30.9	10,8
I	n	d	i	a	n	a						ClearviewHwy-5-W	
27.7	34	45	56.6	62.2	73.6	84.4						64.6	10.7/8.7

SIGN NO. WB-IL173-BS-12 STA. 2028+00



SIGN NUMBER	NB-194-WP-19
WIDTH x HGHT.	5'-0" x 4'-0"
BORDER WIDTH	1"
CORNER RADIUS	6"
MOUNTING	Ground
BACKGROUND	TYPE: Reflective COLOR: Brown
LEGEND/BORDER	TYPE: Reflective COLOR: Color 92/Color 92

FONT:
(1) ClearviewHwy-5-W

NOTE: Letter locations are panel edge to lower left corner

LETTER POSITIONS (X) IN INCHES										LENGTH	SERIES/SIZE		
B	r	i	s	t	o	i						ClearviewHwy-5-W	
17.1	22.6	26.3	28.8	33.1	36.9	42.5						26.9	5/4.1
R	e	n	a	i	s	s	a	n	c	e		ClearviewHwy-5-W	
5	10.2	15.6	20.7	25.9	28.5	32.9	37.4	42.7	47.8	52.5		51.2	5/4.1
F	a	i	r									ClearviewHwy-5-W	
23.2	27.5	32.8	35.7									14.8	5/4.1
T	H	I	S		E	X	I	T				E 2000	
14.3	18.5	23.3	25	28.6	33.1	37.1	41.9	43.5				32.6	4.5

SIGN NO. NB-194-WP-19 STA 4070+40

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FILE NAME = \$FILES\$	USER NAME = default	DESIGNED - MAB	REVISED -
		DRAWN - MAB	REVISED -
	PLOT SCALE = 1/8"=1'-0" 1/4"=1'-5"	CHECKED - RGR	REVISED -
	PLOT DATE = 6/20/2012	DATE - 6/19/2012	REVISED -

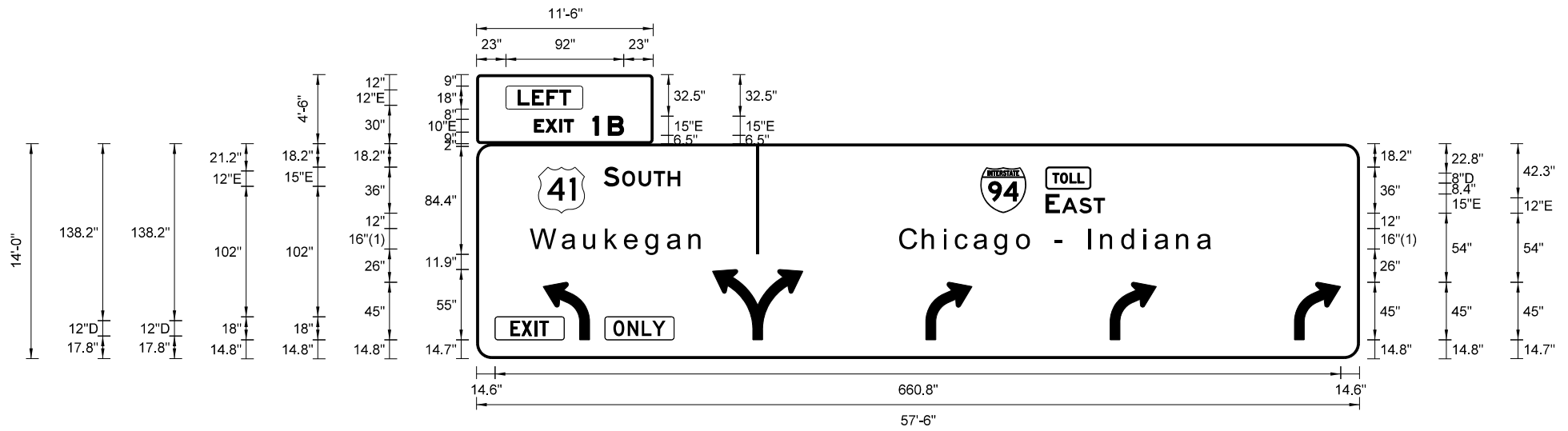
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SIGN PANEL DETAILS

SCALE: SHEET NO. 4 OF 8 SHEETS STA. N/A TO STA. N/A

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94	49-1-R-1	LAKE	677	286
CONTRACT NO. 60L77				
ILLINOIS FED. AID PROJECT				

S:\1101\95-CADD\60L77-IL-173\60L77-Sheets\0160L77-INT-SIGN-DETAIL.DWG



NOTE: Letter locations are panel edge to lower left corner

FONT:
(1) ClearviewHwy-5-W

"EXIT ONLY", "LEFT", AND "TOLL" PANEL IS YELLOW WITH BLACK LEGEND

LETTER POSITIONS (X) IN INCHES													LENGTH	SERIES/SIZE				
L	E	F	T										41.4	E 2000 12				
32.3	43.3	54.7	64.7															
E	X	I	T	1	B								69.8	E 2000 10,15				
45.3	54.2	64.9	68.4	90.9	102.9													
T	O	L	L										24.6	D 2000 8				
450.3	456.3	463.7	469.9															
S	O	U	T	H									59.8	E 2000 15,12				
99.5	113.9	126.7	138.5	149.5														
E	A	S	T										46.4	E 2000 15,12				
444.7	457.5	471.1	482.1															
W	a	u	k	e	g	a	n						135.2	ClearviewHwy-5-W 16/13				
43.1	68	85	102	116.8	133.4	150.2	167.2											
C	h	i	c	a	g	o		-		l	n	d	i	a	n	a	244.7	ClearviewHwy-5-W 16/13
331.7	349.6	366.5	375.3	389.8	406.2	423.3	435.7	454.1	460.3	479.5	488.9	505.5	522.8	531.3	548.3	564.6		
E	X	I	T														30	D 2000 12
26.6	35.2	45.4	49.2															
O	N	L	Y														40.7	D 2000 12
107	118.2	129.2	137.4															

SIGN NO. SB-I94-TR-22 STA. 14076+06
SIGN NO. SB-I94-TR-28 STA. 14085+14

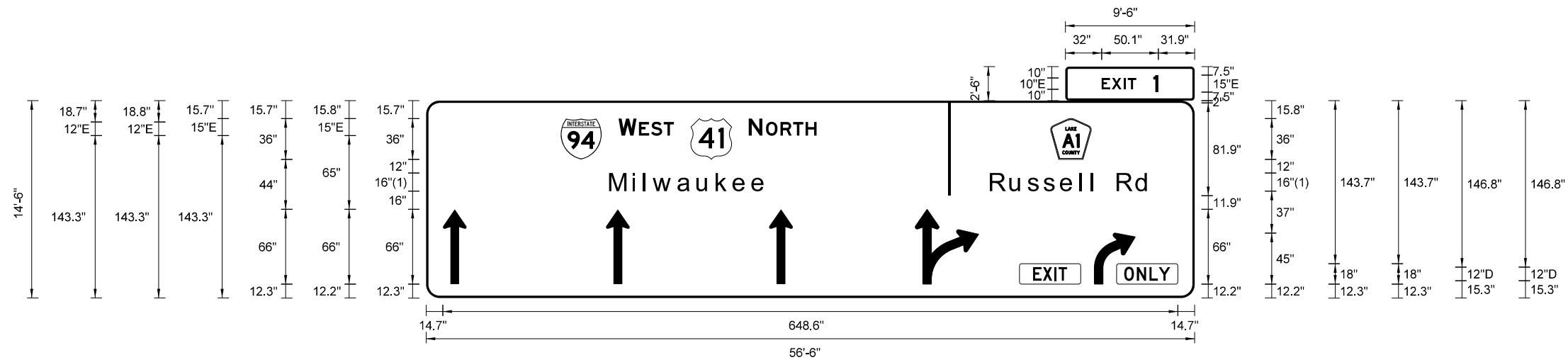
SIGN NUMBER	SB-I94-TR-22, SB-I94-TR-28
WIDTH x HGHT.	57'-6" x 14'-0"
BORDER WIDTH	2"
CORNER RADIUS	12"
MOUNTING	Overhead
BACKGROUND	TYPE: Reflective COLOR: Green
LEGEND/BORDER	TYPE: Reflective COLOR: White

SYMBOL	ROT	X	Y	WID	HT
M1_4	0	48.4	113.8	36	36
M1_1	0	393.7	113.8	36	36
OH APL LEFT	0	52.1	14.7	36.3	45
OH APL SPLIT	0	184.4	14.7	55	70.8
OH APL RIGHT	0	351.1	14.7	36.3	45
OH APL RIGHT	0	495.2	14.7	36.3	45
OH APL RIGHT	0	639.2	14.7	36.3	45

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FILE NAME = \$FILES\$	USER NAME = default	DESIGNED - MAB	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SIGN PANEL DETAILS			F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
		DRAWN - MAB	REVISED -		94	49-1-R-1	LAKE	677	287	CONTRACT NO. 60L77			
		CHECKED - RGR	REVISED -		SCALE:	SHEET NO. 5 OF 8 SHEETS	STA. N/A	TO STA. N/A	ILLINOIS FED. AID PROJECT				
		PLOT SCALE = Ht1'=10' Wt1'=5'	REVISED -										
		PLOT DATE = 6/20/2012	REVISED -										

S:\1101\95\CADD\60L77 IL 173\60L77 Sheets\160L77-INT-SIGN-DETAIL.DWG



FONT:
(1) ClearviewHwy-5-W

"EXIT ONLY" PANEL IS YELLOW WITH BLACK LEGEND

LETTER POSITIONS (X) IN INCHES												LENGTH	SERIES/SIZE
E	X	I	T	1								50.1	E 2000 10,15
32	40.9	51.6	55.1	77.6									
W	E	S	T									48.8	E 2000 15,12
169.7	187.8	198.5	209.5										
N	O	R	T	H								59.9	E 2000 15,12
284.5	299.8	312.7	323.7	334.8									
M	i	I	w	a	u	k	e	e				137.3	ClearviewHwy-5-W 16/13
163	183.6	193	201.2	223	240	257	271.9	288.4					
R	u	s	s	e	I	I	R	d				140.2	ClearviewHwy-5-W 16/13
498.8	516.2	531.9	546	560.7	577.9	587.8	592.9	610.6	627.4				
E	X	I	T									30	D 2000 12
535.5	544.1	554.3	558.1										
O	N	L	Y									40.7	D 2000 12
615.9	627.1	638.1	646.3										

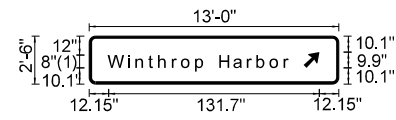
SIGN NUMBER	NB-I94-TR-24
WIDTH x HGHT.	56'-6" x 14'-6"
BORDER WIDTH	2"
CORNER RADIUS	12"
MOUNTING	Overhead
BACKGROUND	TYPE: Reflective COLOR: Green
LEGEND/BORDER	TYPE: Reflective COLOR: White

SYMBOL	ROT	X	Y	WID	HT
M1_1	0	118.7	122.3	36	36
M1_4	0	233.5	122.3	36	36
M1_6_2	0	551	122.2	35.7	36
OHAPL_THRU	0	14.7	12.2	20.9	66
OHAPL_THRU	0	158.7	12.2	20.9	66
OHAPL_THRU	0	302.6	12.2	20.9	66
OH APL THRU-RIGHT	0	431.5	12.2	56	66
OH APL RIGHT	0	589.5	12.2	38.3	45

SIGN NO. NB-I94-TR-24 STA. 4081+75

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FILE NAME = \$FILES\$	USER NAME = default	DESIGNED - MAB	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SIGN PANEL DETAILS				F.A. RTE. 94	SECTION 49-1-R-1	COUNTY LAKE	TOTAL SHEETS 677	SHEET NO. 288
	PLOT SCALE = Hgt=10' Wdt=5'	DRAWN - MAB	REVISED -		SCALE:	SHEET NO. 6 OF 8 SHEETS	STA. N/A	TO STA. N/A	CONTRACT NO. 60L77				
	PLOT DATE = 6/20/2012	CHECKED - RGR	REVISED -		ILLINOIS FED. AID PROJECT								
		DATE - 6/19/2012	REVISED -										



FONT:
(1) ClearviewHwy-5-W

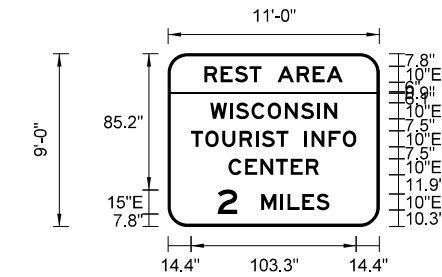
NOTE: Letter locations are panel edge to lower left corner

LETTER POSITIONS (X) IN INCHES														LENGTH	SERIES/SIZE										
W	i	n	t	h	r	o	p		H	a	r	b	o	r										ClearviewHwy-5-W	
12.1	24.9	29.6	37.4	43.8	52.4	58	66.9	72.7	81.9	90.7	99.2	105.2	113.4	122.3										113.9	8/6.5

SIGN NO. NB-I94-BS-21 STA. 4074+52

SIGN NUMBER	NB-I94-BS-21
WIDTH x HGHT.	13'-0" x 2'-6"
BORDER WIDTH	1.75"
CORNER RADIUS	4"
MOUNTING	Overhead
BACKGROUND	TYPE: Reflective COLOR: Green
LEGEND/BORDER	TYPE: Reflective COLOR: White

SYMBOL	ROT	X	Y	WID	HT
AR_Type A	315	134	10.1	8	12.6

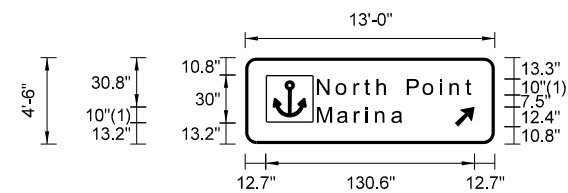


NOTE: Letter locations are panel edge to lower left corner

LETTER POSITIONS (X) IN INCHES																		LENGTH	SERIES/SIZE							
R	E	S	T		A	R	E	A																	E 2000	
22.8	32.9	41.8	51	58.5	68.5	80.4	90.5	99.1																	86.5	10
W	I	S	C	O	N	S	I	N																	E 2000	
26.3	38.6	42.4	52.2	62.3	73	83.1	93.2	97.6																	79.4	10
T	O	U	R	I	S	T		I	N	F	O														E 2000	
14.4	23.3	34	44.7	54.8	58.6	67.8	75.3	85.3	89.7	100.4	109.3														103.3	10
C	E	N	T	E	R																				E 2000	
37.8	48.2	57.7	67.5	76.7	86.2																				56.5	10
2	M	I	L	E	S																				E 2000	
31.1	58.3	70.3	74.7	83.9	92.8																				69.8	15.10

SIGN NO. NB-I94-BS-39 STA. 4101+53

SIGN NUMBER	NB-I94-BS-39
WIDTH x HGHT.	11'-0" x 9'-0"
BORDER WIDTH	1.75"
CORNER RADIUS	12"
MOUNTING	Ground
BACKGROUND	TYPE: Reflective COLOR: Color 47 / Color 47
LEGEND/BORDER	TYPE: Reflective COLOR: White



FONT:
(1) ClearviewHwy-5-W

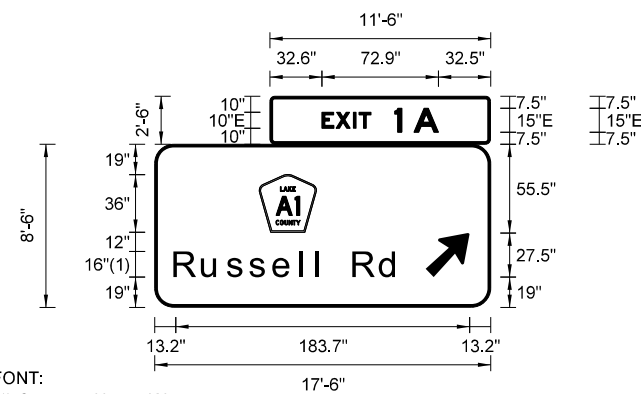
NOTE: Letter locations are panel edge to lower left corner

LETTER POSITIONS (X) IN INCHES														LENGTH	SERIES/SIZE											
N	o	r	t	h		P	o	i	n	t														ClearviewHwy-5-W		
45.7	57.4	68.6	75.1	83	89.9	101.8	111.8	122.7	128.6	138.4														97.6	10/8.1	
M	a	r	i	n	a																				ClearviewHwy-5-W	
45.7	58.2	68.8	76.1	82	92.2																				53.9	10/8.1

SIGN NO. NB-I94-BS-21 STA. 4074+52

SIGN NUMBER	NB-I94-BS-21
WIDTH x HGHT.	13'-0" x 4'-6"
BORDER WIDTH	2"
CORNER RADIUS	7"
MOUNTING	Ground
BACKGROUND	TYPE: Reflective COLOR: Brown
LEGEND/BORDER	TYPE: Reflective COLOR: White

SYMBOL	ROT	X	Y	WID	HT
RS-053	0	12.7	13.2	30	30
AR_Type A	315	130.9	10.8	10	15.7



FONT:
(1) ClearviewHwy-5-W

NOTE: Letter locations are panel edge to lower left corner

Letter locations are panel edge to lower left corner

LETTER POSITIONS (X) IN INCHES																		LENGTH	SERIES/SIZE							
E	X	I	T	A																					E 2000	
32.6	41.5	52.2	55.7	78.2	90.2																				72.9	10.15
R	u	s	s	e	I	R	d																		ClearviewHwy-5-W	
13.2	30.6	46.3	60.3	75.1	92.3	102.2	125	141.7																	140.2	16/13

SIGN NO. SB-I94-TR-38 STA. 4112+95

SIGN NUMBER	SB-I94-TR-38
WIDTH x HGHT.	17'-6" x 8'-6"
BORDER WIDTH	2"
CORNER RADIUS	12"
MOUNTING	Overhead
BACKGROUND	TYPE: Reflective COLOR: Green
LEGEND/BORDER	TYPE: Reflective COLOR: White

SYMBOL	ROT	X	Y	WID	HT
M1_6_2	0	65.4	47	35.7	36
AR_Type A	315	169.4	19	22.2	34.9

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FILE NAME = \$FILES\$	USER NAME = default	DESIGNED - MAB	REVISED -
		DRAWN - MAB	REVISED -
	PLOT SCALE = Ht1'-10" Wt1'-5"	CHECKED - RGR	REVISED -
	PLOT DATE = 6/20/2012	DATE - 6/19/2012	REVISED -

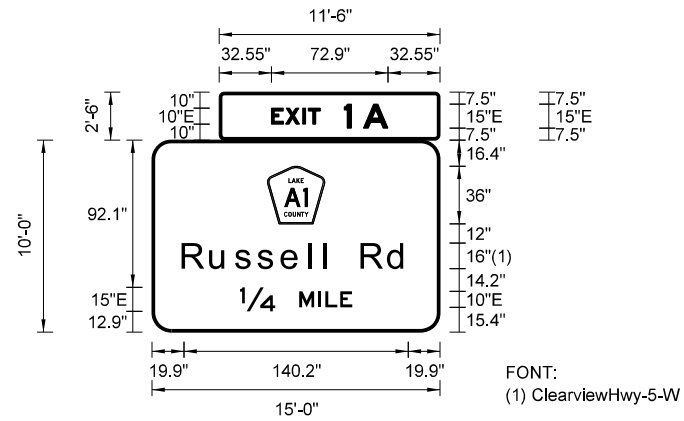
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SIGN PANEL DETAILS

SCALE:	SHEET NO. 7 OF 8 SHEETS	STA. N/A	TO STA. N/A
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F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94	49-1-R-1	LAKE	677	289
			CONTRACT NO. 60L77	
ILLINOIS FED. AID PROJECT				

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SIGN NUMBER	SB-I94-TR-39
WIDTH x HGHT.	15'-0" x 10'-0"
BORDER WIDTH	2"
CORNER RADIUS	12"
MOUNTING	Overhead
BACKGROUND	TYPE: Reflective
	COLOR: Green
LEGEND/BORDER	TYPE: Reflective
	COLOR: White

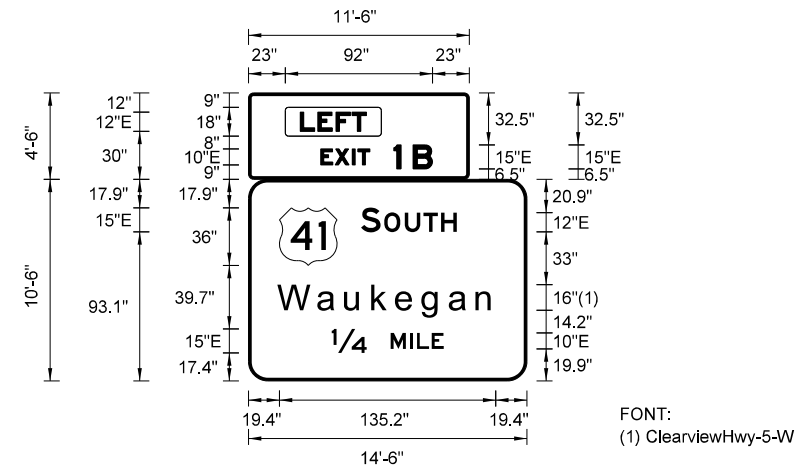
SYMBOL	ROT	X	Y	WID	HT
M1_6_2	0	72.1	67.6	35.7	36

FONT:
(1) ClearviewHwy-5-W

NOTE: Letter locations are panel edge to lower left corner

LETTER POSITIONS (X) IN INCHES													LENGTH	SERIES/SIZE
E	X	I	T	1	A									E 2000
32.5	41.5	52.1	55.6	78.2	90.2									72.9 10,15
R	u	s	s	e	i	i	R	d						ClearviewHwy-5-W
19.9	37.3	53	67.1	81.8	99	108.9	114	131.7	148.5					140.2 16/13
1/4	M	I	L	E										E 2000
55	92	104	108.4	117.6										70.1 15,10

SIGN NO. SB-I94-TR-39 STA. 4127+90



SIGN NUMBER	SB-I94-TR-42
WIDTH x HGHT.	14'-6" x 10'-6"
BORDER WIDTH	2"
CORNER RADIUS	12"
MOUNTING	Overhead
BACKGROUND	TYPE: Reflective
	COLOR: Green
LEGEND/BORDER	TYPE: Reflective
	COLOR: White

SYMBOL	ROT	X	Y	WID	HT
M1_4	0	19.4	72.1	36	36

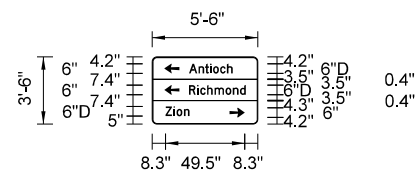
FONT:
(1) ClearviewHwy-5-W

"LEFT" PANEL IS YELLOW WITH BLACK LEGEND

NOTE: Letter locations are panel edge to lower left corner

LETTER POSITIONS (X) IN INCHES													LENGTH	SERIES/SIZE
L	E	F	T											E 2000
32.3	43.3	54.7	64.7											41.4 12
E	X	I	T	1	B									E 2000
45.3	54.2	64.9	68.4	90.9	102.9									10,15 69.8
S	O	U	T	H										E 2000
70.4	84.8	97.7	109.4	120.5										59.8 15,12
W	a	u	k	e	g	a	n							ClearviewHwy-5-W
19.4	44.3	61.3	78.3	93.1	109.7	126.5	143.5							135.2 16/13
1/4	M	I	L	E										E 2000
52	89	101	105.4	114.6										70.1 15,10

SIGN NO. SB-I94-TR-42 STA. 4112+95



SIGN NUMBER	NB-RAMP-WP-02
WIDTH x HGHT.	5'-6" x 3'-6"
BORDER WIDTH	0.75"
CORNER RADIUS	3"
MOUNTING	Overhead
BACKGROUND	TYPE: Reflective
	COLOR: Green
LEGEND/BORDER	TYPE: Reflective
	COLOR: White

SYMBOL	ROT	X	Y	WID	HT
AR_Type A	90	7.6	31.8	6	9.4
AR_Type A	90	7.6	18.4	6	9.4
AR_Type A	270	48.3	4.2	6	9.4

NOTE: Letter locations are panel edge to lower left corner

LETTER POSITIONS (X) IN INCHES													LENGTH	SERIES/SIZE
A	n	t	i	o	c	h								D 2000
23	28.9	33	36.1	38	42.4	46.7								27.3 6/4.5
R	i	c	h	m	o	n	d							D 2000
23	28	29.9	34.2	38.9	45.8	50.4	54.8							35.4 6/4.5
Z	i	o	n											D 2000
8.3	13.2	15.2	19.8											15.1 6/4.5

SIGN NO. NB-RAMP-WP-02 STA. 57+00

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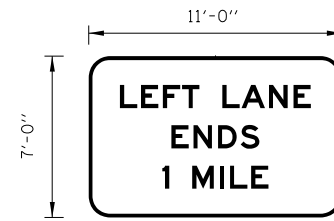
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SIGN PANEL DETAILS

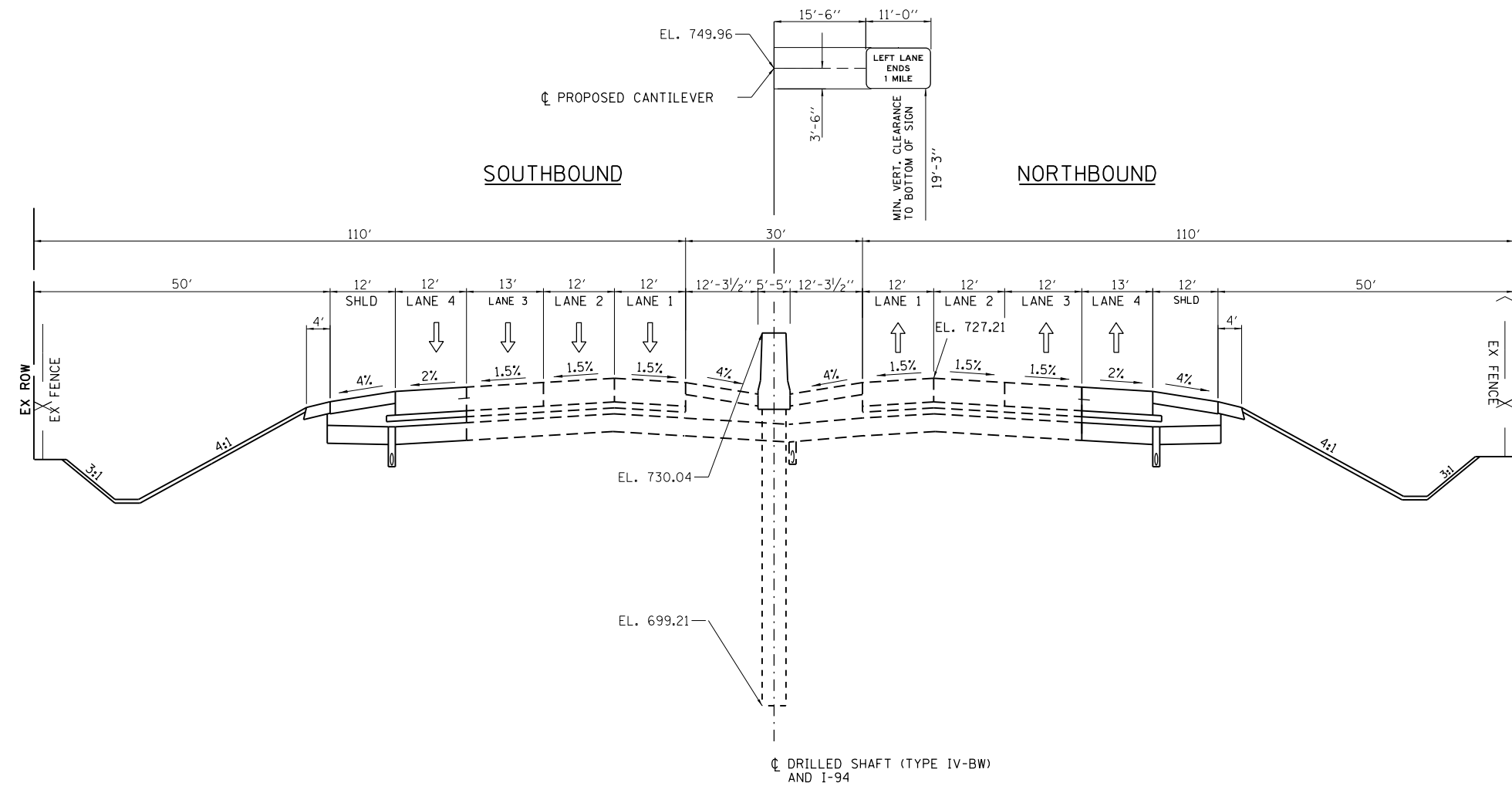
SCALE: SHEET NO. 8 OF 8 SHEETS STA. N/A TO STA. N/A

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94	49-1-R-1	LAKE	677	290
CONTRACT NO. 60L77				
ILLINOIS FED. AID PROJECT				



NOTES:

1. THE CONTRACTOR SHALL VERIFY FINAL SUPPORT HEIGHT IN THE FIELD PRIOR TO SUBMITTING SHOP DRAWINGS FOR FABRICATION TO MAINTAIN MINIMUM CLEARANCE SHOWN.
2. FOR DETAIL OF SIGN STRUCTURE, SEE ISTHA STANDARDS F4-01 AND F7-01.
3. THE SIGN SPACERS IN THE OVERHEAD SPAN ARE THEORETICAL. THE DETAILER SHALL LOCATE SUPPORTS TO MISS POINT OF INTERFERENCE SUCH AS PANEL POINTS OF TRUSSES BY MOVING SUPPORTS EITHER WAY OF OF THE POINT OF INTERFERENCE.



**I-94 PROPOSED SIGN STRUCTURE
STA. 4044+78**

LOOKING NORTH
SCALE: NOT TO SCALE

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		CHECKED - RGR	REVISED
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	PLOT DATE = 6/20/2012	CHECKED - RGR	REVISED

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

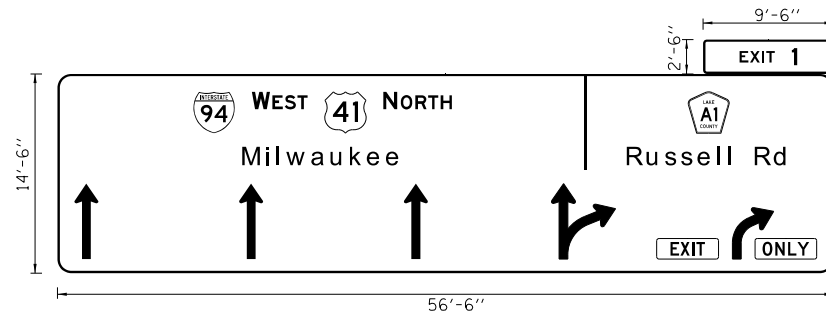
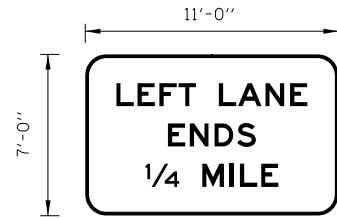
SIGN STRUCTURE SECTIONS

SHEET NO. 1 OF 12 SHEETS

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94	49-1-R-1	LAKE	677	291
CONTRACT NO. 60L77				

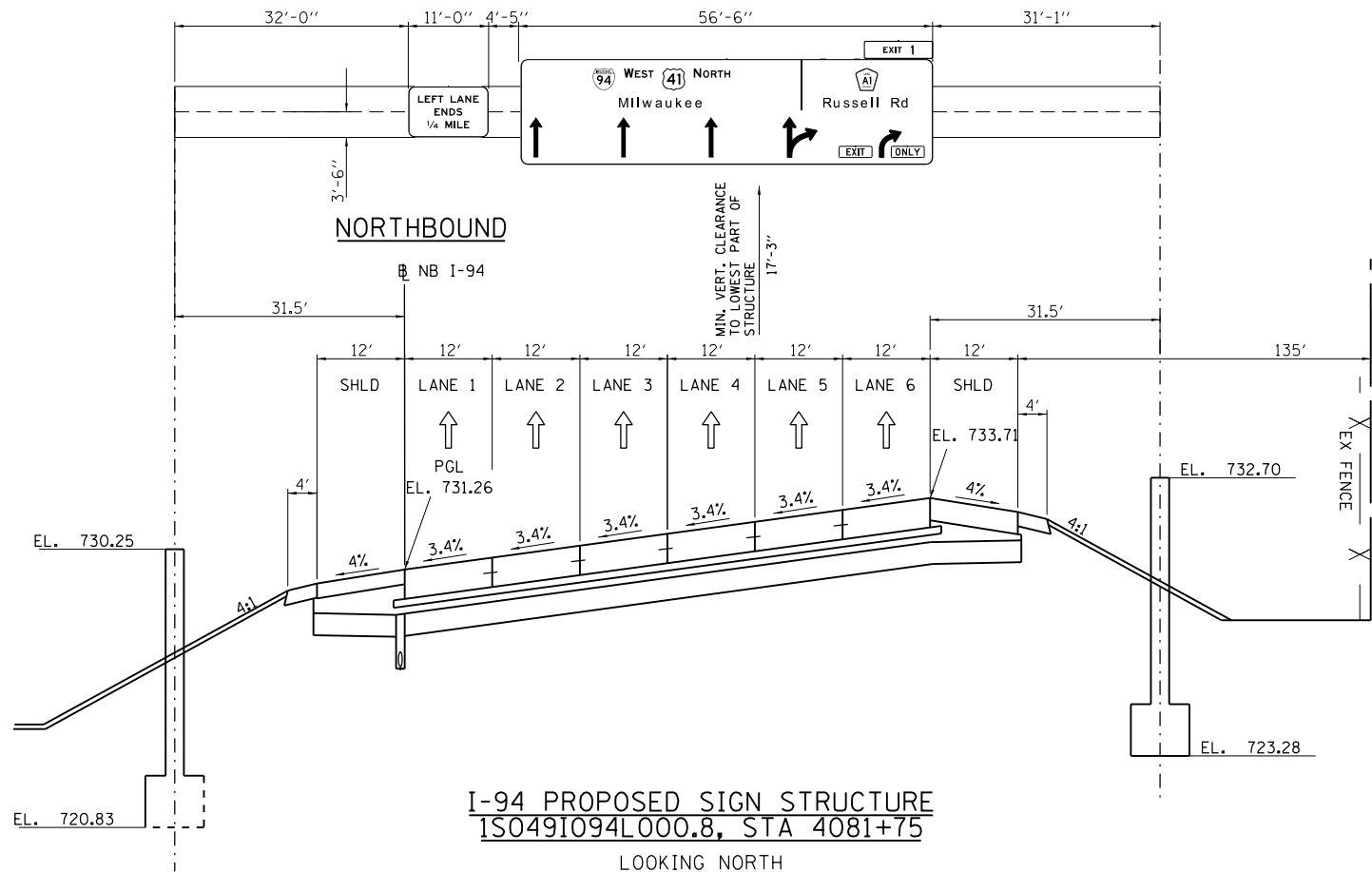
ILLINOIS FED. AID PROJECT

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NOTES:

1. THE CONTRACTOR SHALL VERIFY FINAL SUPPORT HEIGHT IN THE FIELD PRIOR TO SUBMITTING SHOP DRAWINGS FOR FABRICATION TO MAINTAIN MINIMUM CLEARANCE SHOWN.
2. FOR DETAIL OF SIGN STRUCTURE, SEE OVERHEAD SIGN STRUCTURE DETAIL SHEETS.
3. THE SIGN SPACERS IN THE OVERHEAD SPAN ARE THEORETICAL. THE DETAILER SHALL LOCATE SUPPORTS TO MISS POINT OF INTERFERENCE SUCH AS PANEL POINTS OF TRUSSES BY MOVING SUPPORTS EITHER WAY OF OF THE POINT OF INTERFERENCE.



I-94 PROPOSED SIGN STRUCTURE
1S0491094L000.8, STA 4081+75

LOOKING NORTH
SCALE: NOT TO SCALE

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DRAWN - TF	REVISED
CHECKED - RGR	REVISED

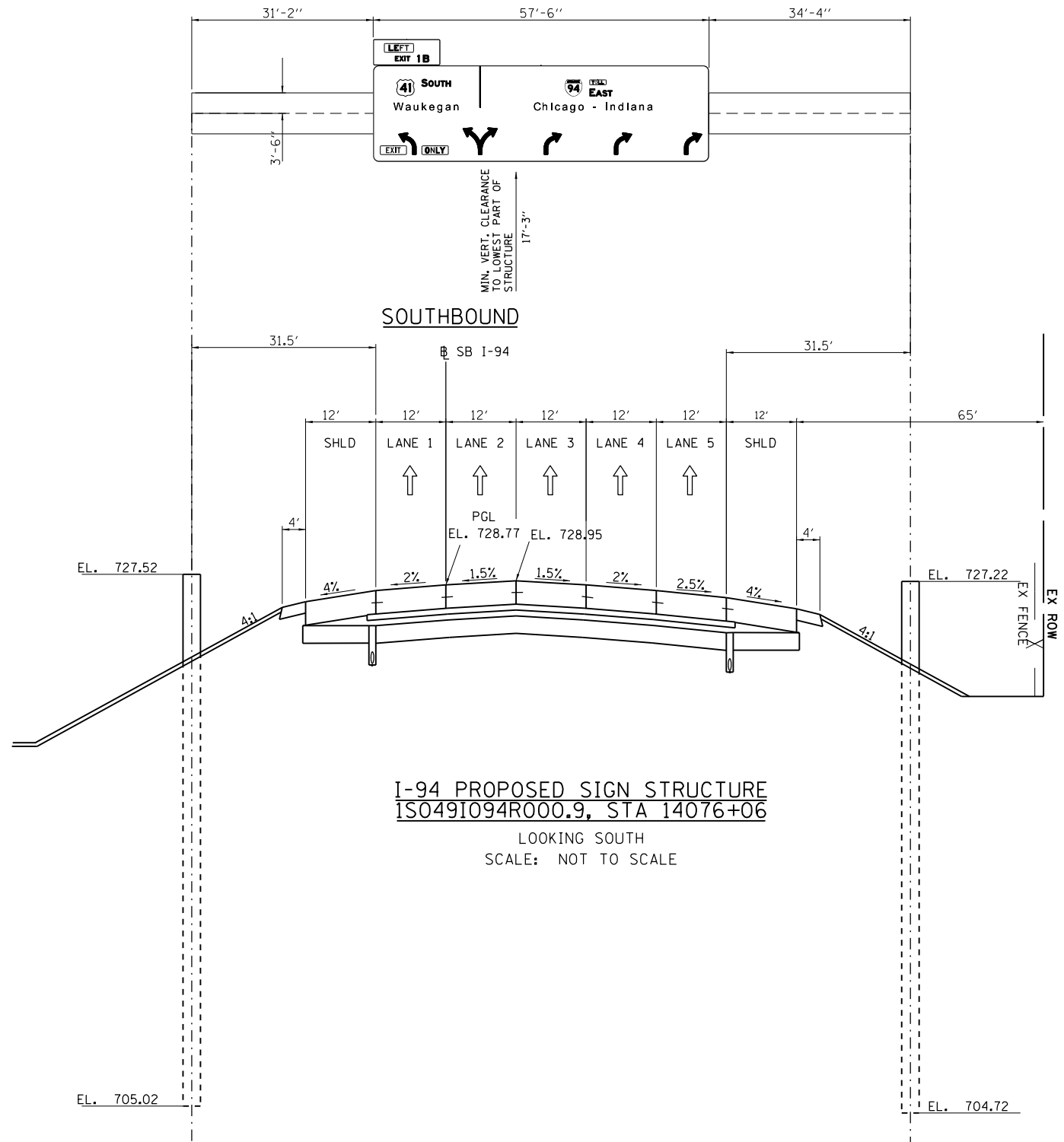
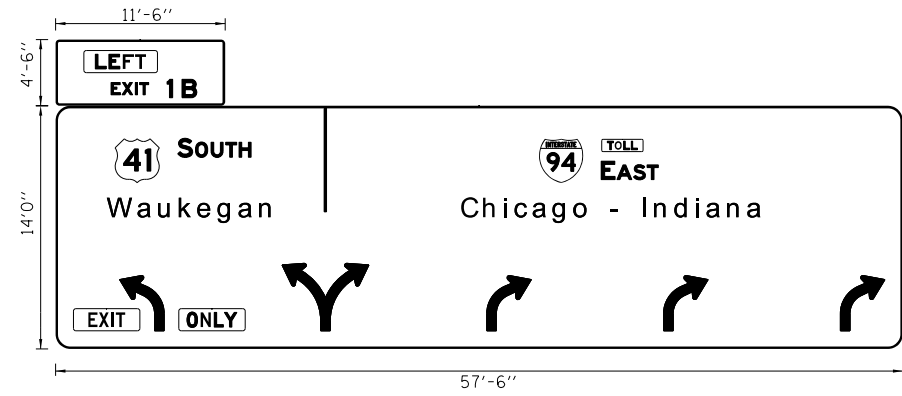
STATE OF ILLINOIS
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SIGN STRUCTURE SECTIONS

SHEET NO. 2 OF 12 SHEETS

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94	49-1-R-1	LAKE	677	292
CONTRACT NO. 60L77			ILLINOIS FED. AID PROJECT	

77 Sheets\0160L77-sht-signstructures.deta01s.dgn



NOTES:

1. THE CONTRACTOR SHALL VERIFY FINAL SUPPORT HEIGHT IN THE FIELD PRIOR TO SUBMITTING SHOP DRAWINGS FOR FABRICATION TO MAINTAIN MINIMUM CLEARANCE SHOWN.
2. FOR DETAIL OF SIGN STRUCTURE, SEE OVERHEAD SIGN STRUCTURE DETAIL SHEETS.
3. THE SIGN SPACERS IN THE OVERHEAD SPAN ARE THEORETICAL. THE DETAILER SHALL LOCATE SUPPORTS TO MISS POINT OF INTERFERENCE SUCH AS PANEL POINTS OF TRUSSES BY MOVING SUPPORTS EITHER WAY OF OF THE POINT OF INTERFERENCE.

FILE NAME = *FILES*	USER NAME = default	DESIGNED - TF	REVISED
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	PLOT DATE = 6/20/2012	CHECKED - RGR	REVISED

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

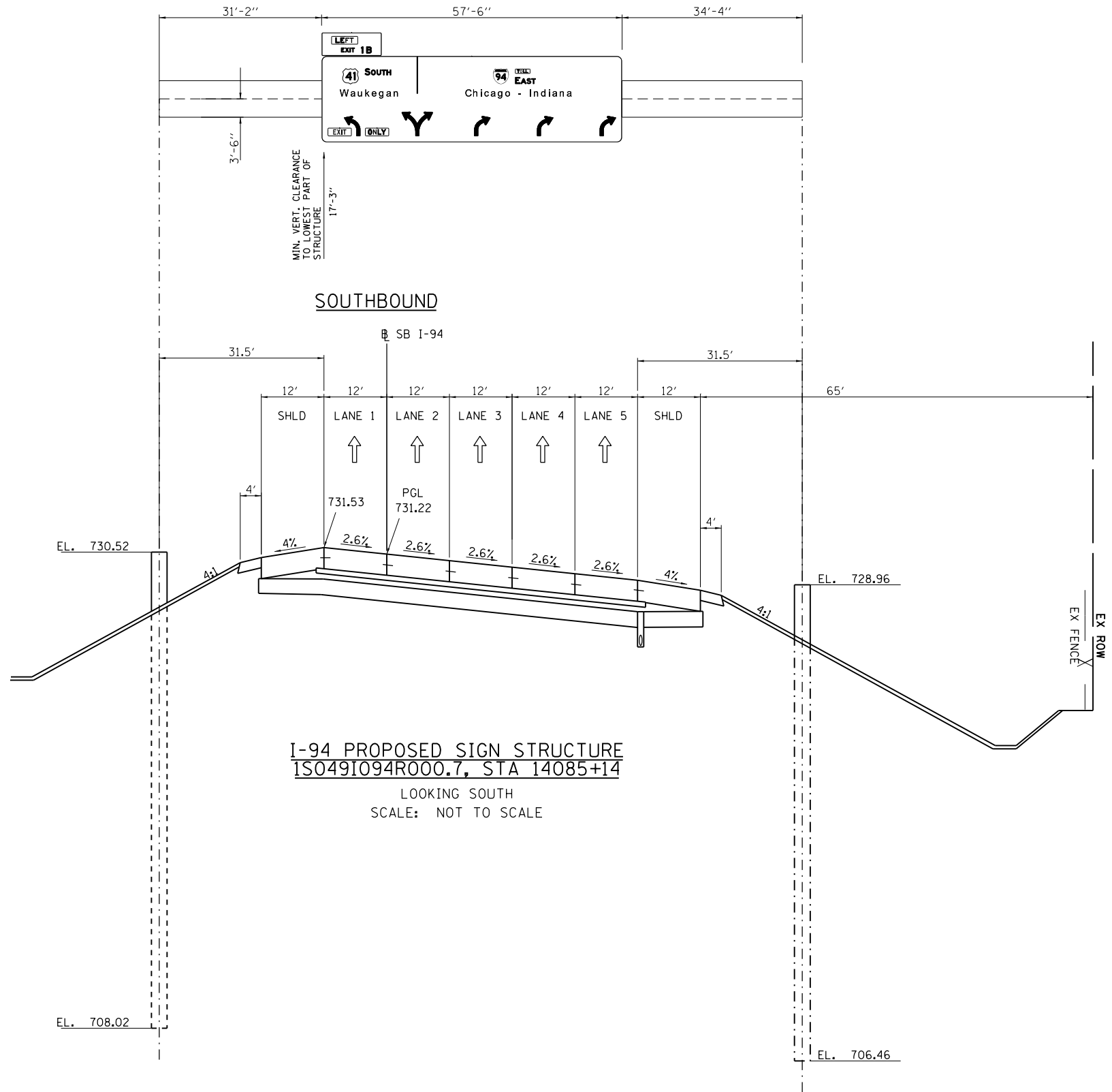
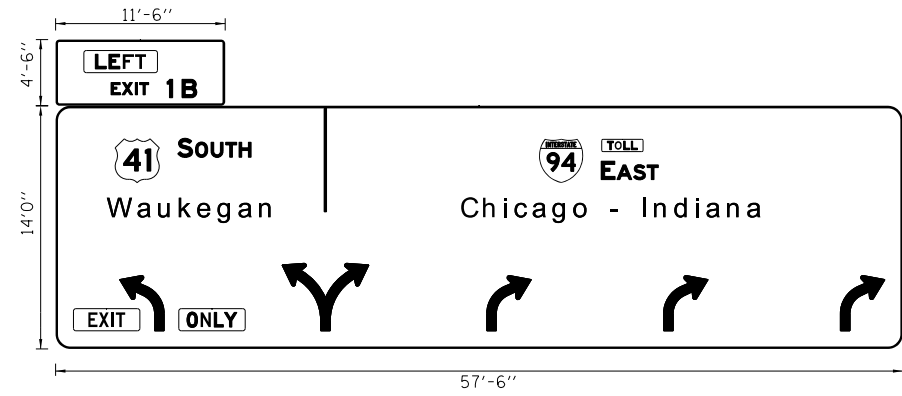
SIGN STRUCTURE SECTIONS

SHEET NO. 3 OF 12 SHEETS

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94	49-1-R-1	LAKE	677	293
CONTRACT NO. 60L77				

ILLINOIS FED. AID PROJECT

77 Sheets0160L77-snt-signstructures-details.dgn



NOTES:

1. THE CONTRACTOR SHALL VERIFY FINAL SUPPORT HEIGHT IN THE FIELD PRIOR TO SUBMITTING SHOP DRAWINGS FOR FABRICATION TO MAINTAIN MINIMUM CLEARANCE SHOWN.
2. FOR DETAIL OF SIGN STRUCTURE, SEE OVERHEAD SIGN STRUCTURE DETAIL SHEETS.
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FILE NAME = *FILES*	USER NAME = default	DESIGNED - TF	REVISED
		CHECKED - RGR	REVISED
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	PLOT DATE = 6/20/2012	CHECKED - RGR	REVISED

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SIGN STRUCTURE SECTIONS

SHEET NO. 4 OF 12 SHEETS

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94	49-1-R-1	LAKE	677	294
CONTRACT NO. 60L77			ILLINOIS FED. AID PROJECT	

77 Sheets\0160L77-sht-signstructures.dwg

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.

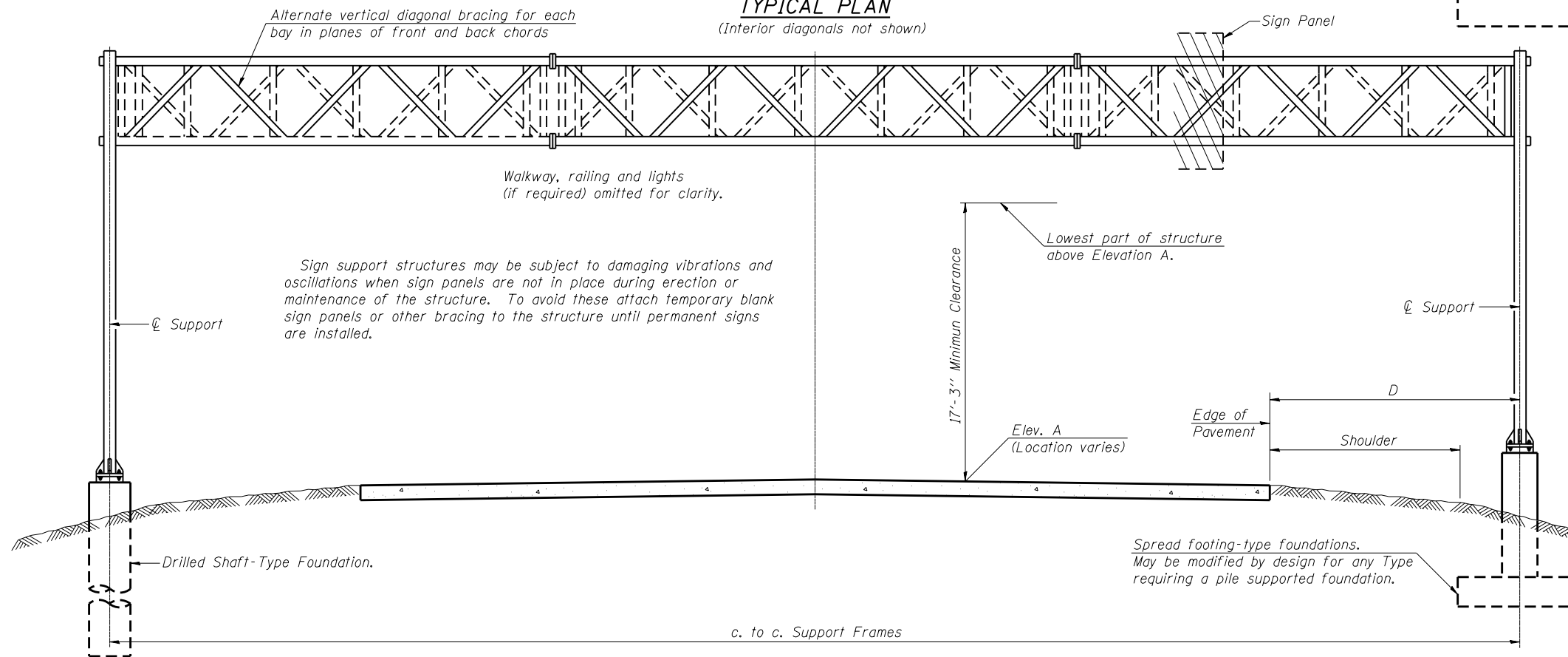
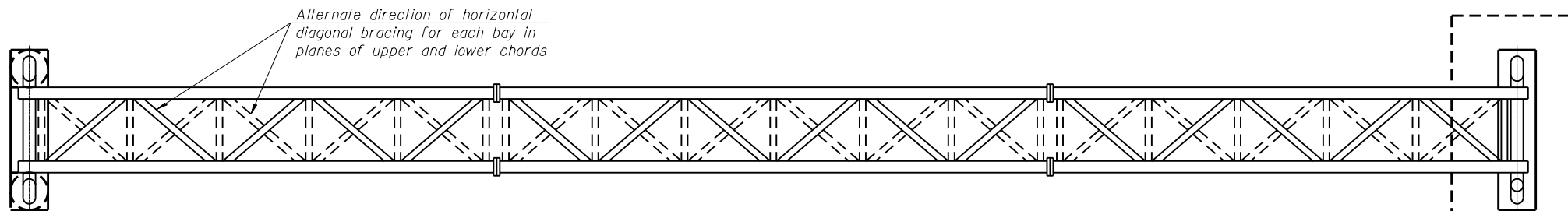
CONCRETE SURFACES: All concrete surfaces above an elevation 6" below the lowest final ground line at each foundation shall be cleaned and coated with Bridge Seat Sealer in accordance with the Standard Specifications.

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	Foot	0
OVERHEAD SIGN STRUCTURE SPAN TYPE II-A	Foot	0
OVERHEAD SIGN STRUCTURE SPAN TYPE III-A	Foot	381
OVERHEAD SIGN STRUCTURE WALKWAY TYPE A	Foot	0
CONCRETE FOUNDATIONS	Cu. Yds.	51
DRILLED SHAFT CONCRETE FOUNDATIONS	Cu. Yds.	48



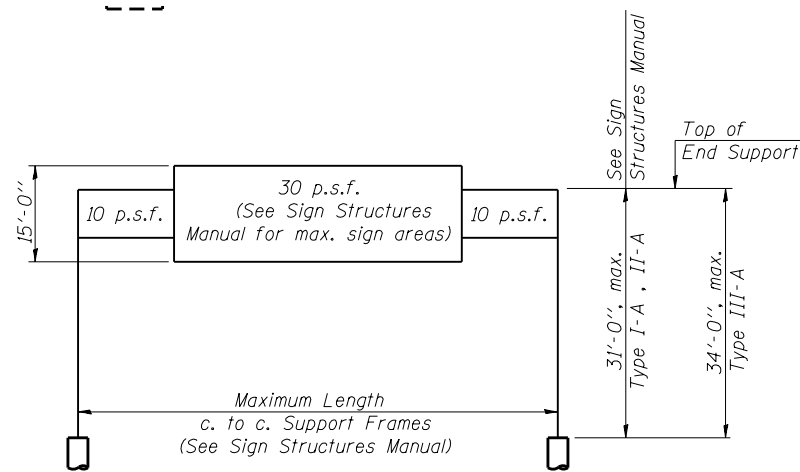
TYPICAL ELEVATION
(Looking at Face of Signs**)

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

Structure Number	Station	Design Truss Type	c. to c. Supports	Elev. A	Dim. D	Height of Tallest Sign	Total Sign Area
ISO49I094L000.8	4081+75	III-A	135'	733.71	31.5'	14.5'	920.00 sft
ISO49I094R000.9	14076+06	III-A	123'	728.95	31.5'	14.0'	856.75 sft
ISO49I094R000.7	14085+14	III-A	123'	731.53	31.5'	14.0'	856.75 sft

**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.



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.

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OS-A-1

1-20-11

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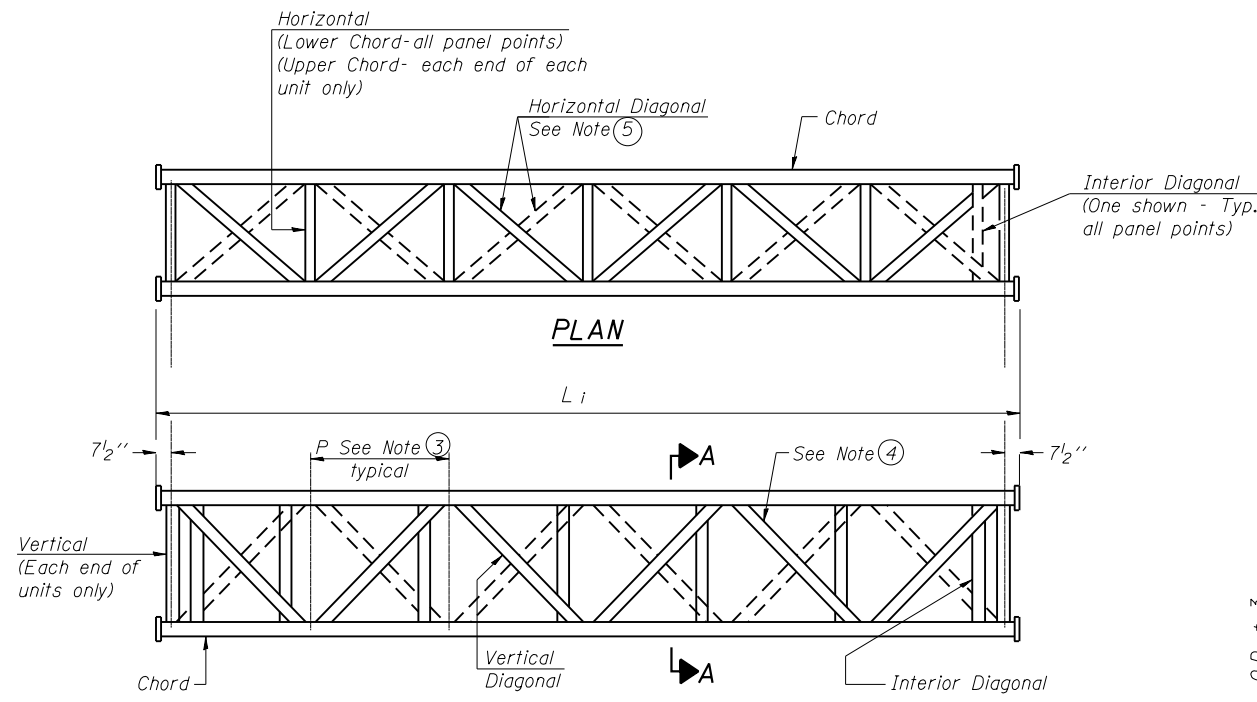
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

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

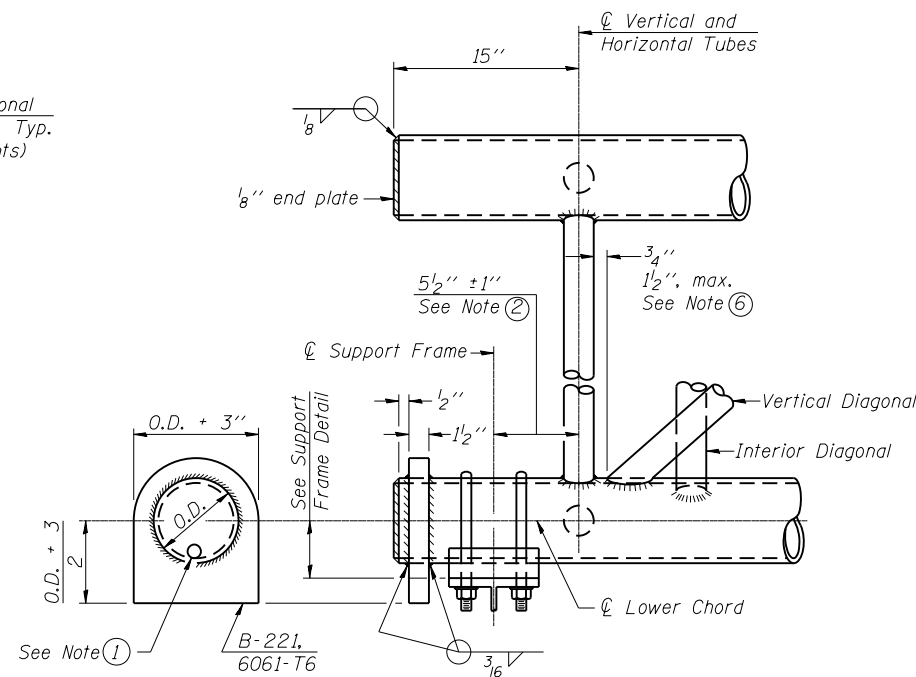
SHEET NO. 5 OF 12 SHEETS

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94	49-1-R-1	LAKE	677	295
ILLINOIS FED. AID PROJECT			CONTRACT NO. 60L77	

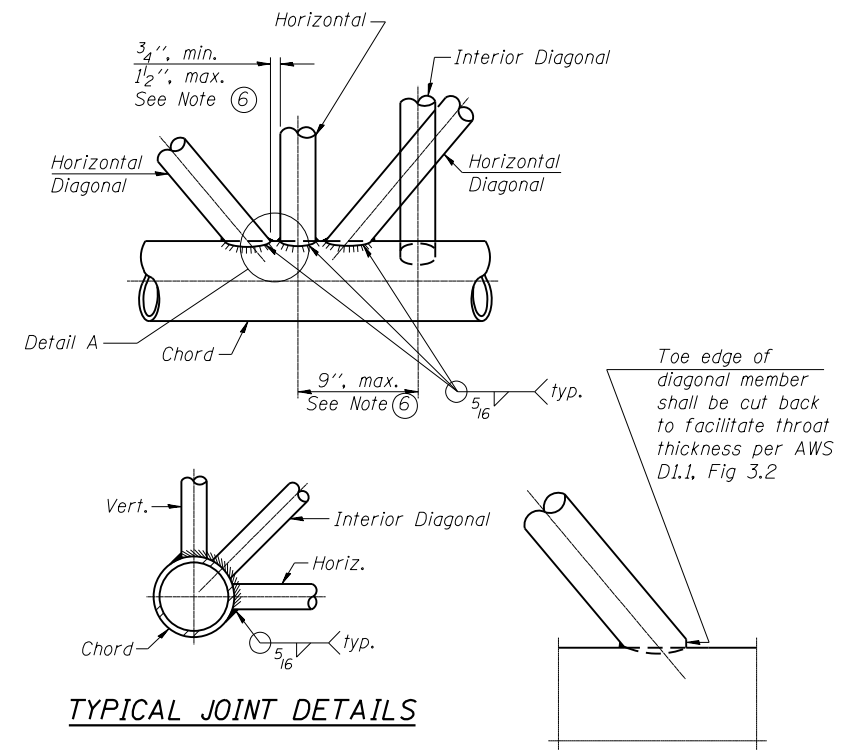
77-Sheets@160L77-snt-signstructures-details.dgn



**ELEVATION
TYPICAL INTERIOR UNIT**
Even number of panels/interior unit required.

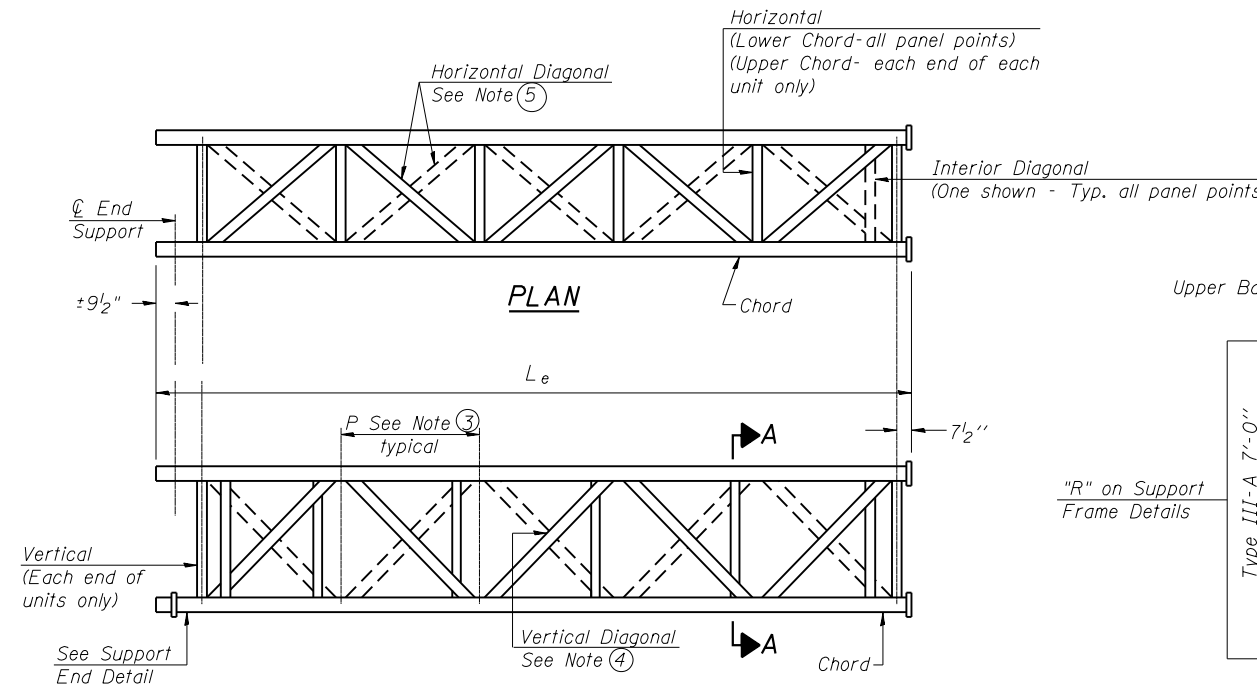


SUPPORT END DETAIL FOR EXTERIOR UNIT

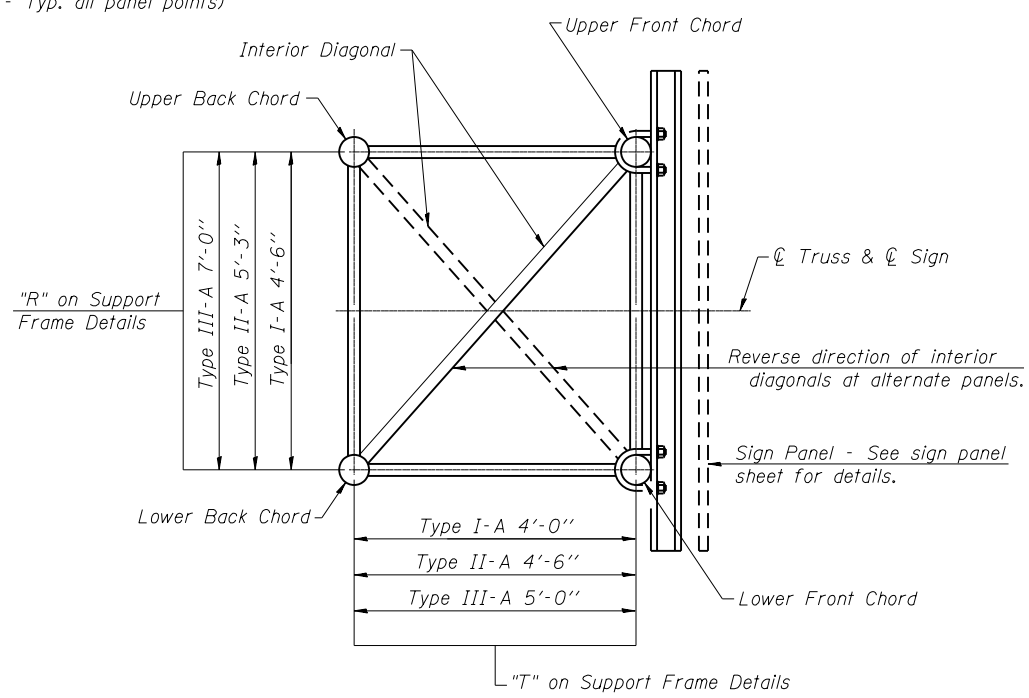


TYPICAL JOINT DETAILS

DETAIL A



**ELEVATION
TYPICAL EXTERIOR UNIT**
Even or odd number of panels/exterior units allowed.



SECTION A-A

- ① Contractor may alternatively use standard aluminum drive-fit cap to close end. 1/2" φ 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

1-20-11

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		CHECKED - RGR	REVISION
		DRAWN - TF	REVISION
		CHECKED - RGR	REVISION

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

F.A. RTÉ.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94	49-1-R-1	LAKE	677	296
CONTRACT NO. 60L77				

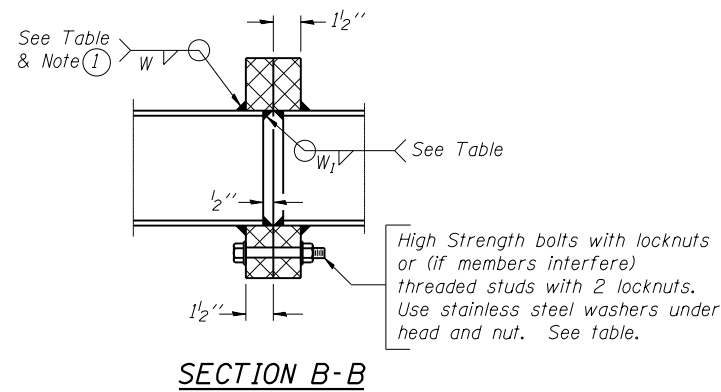
SHEET NO. 6 OF 12 SHEETS

ILLINOIS FED. AID PROJECT

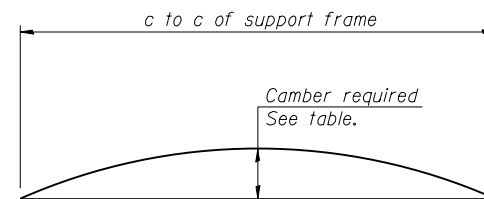
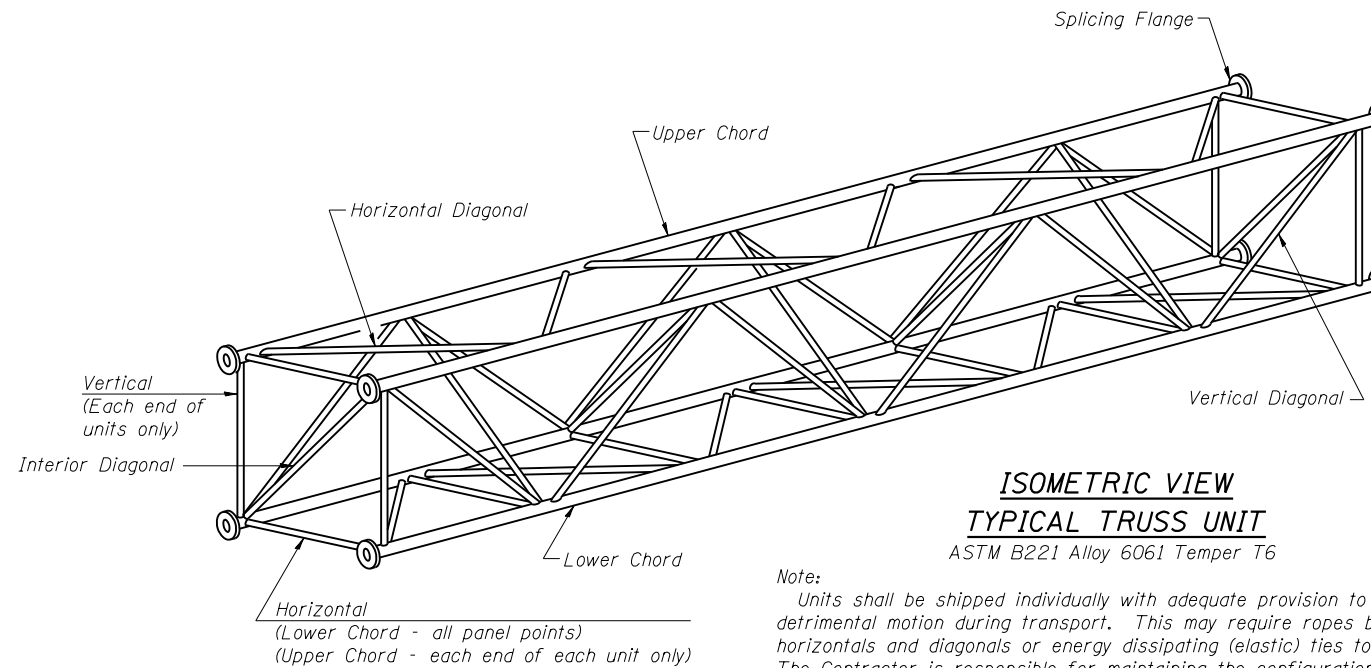
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TRUSS UNIT TABLE

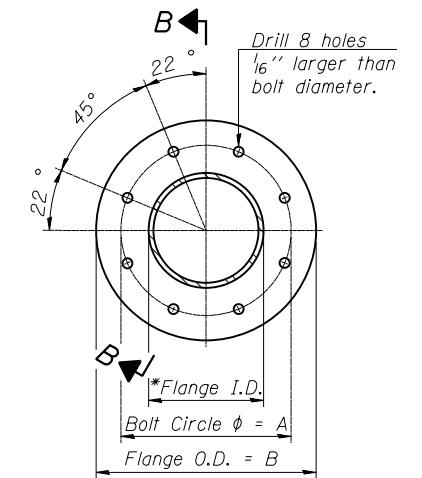
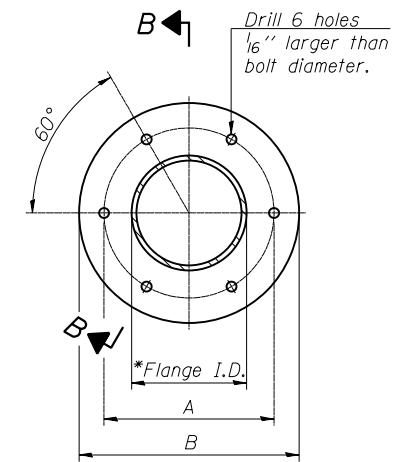
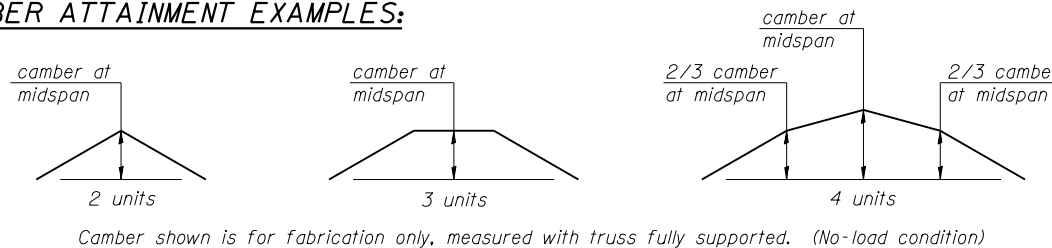
Structure Number	Station	Design Truss Type	Exterior Units (2)			Interior Unit				Upper & Lower Chord		Verticals; Horizontals; Vertical, Horizontal, and Interior Diagonals		Camber at Midspan	Splicing Flange					
			No. Panels per Unit	Unit Lgth.(L _e)	Panel Lgth.(P)	No. Req'd.	No. Panels per Unit	Unit Lgth.(L _i)	Panel Lgth.(P)	O.D.	Wall	O.D.	Wall		Bolts		Weld Sizes		A	B
															No./Splice	Dia.	W	W ₁		
ISO49I094L000.8	4081+75	III-A	6	34'-6"	5'-5 1/4"	2	6	33'-10 1/2"	5'-5 1/4"	7"	1/2"	3 1/4"	5 1/6"	4"	8	1"	9 1/6"	7 1/6"	11 1/2"	15"
ISO49I094R000.9	14076+06	III-A	6	31'-6"	4'-11 1/4"	2	6	30'-10 1/2"	4'-11 1/4"	7"	3/8"	3 1/4"	5 1/6"	3 1/2"	8	1"	9 1/6"	7 1/6"	11 1/2"	15"
ISO49I094R000.7	14085+14	III-A	6	31'-6"	4'-11 1/4"	2	6	30'-10 1/2"	4'-11 1/4"	7"	3/8"	3 1/4"	5 1/6"	3 1/2"	8	1"	9 1/6"	7 1/6"	11 1/2"	15"



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.



CAMBER ATTAINMENT EXAMPLES:



OS4-A-2

1-20-11

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		CHECKED - RGR	REVISED
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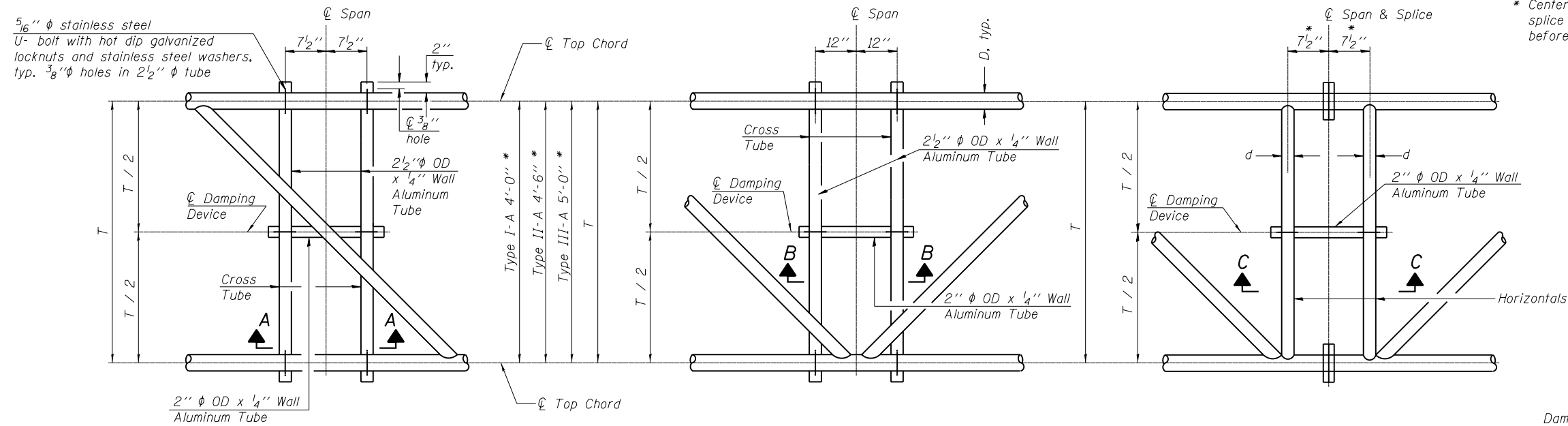
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

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

SHEET NO. 7 OF 12 SHEETS

F.A. RTÉ.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94	49-1-R-1	LAKE	677	297
			CONTRACT NO. 60L77	
ILLINOIS FED. AID PROJECT				

77 Sheets@160L77-snt-signstructures-details.dgn



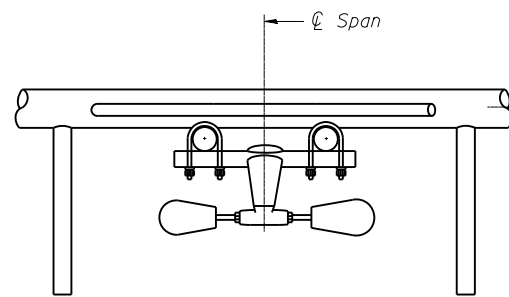
PLAN DETAIL "A"
 ☉ Span between Panel Points

PLAN DETAIL "B"
 ☉ Span at Panel Point

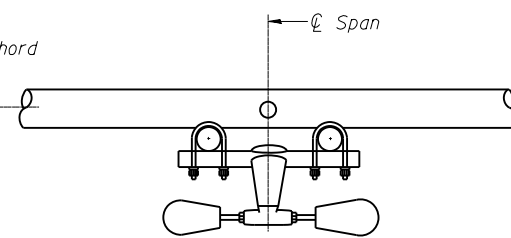
PLAN DETAIL "C"
 ☉ Span at ☉ Chord Splice

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

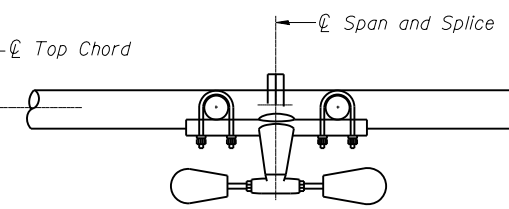
NOTES
 Damper: One damper per truss. (31 lbs. minimum Stockbridge-Type Aluminum - 29" minimum between ends of weights) Cost included in Overhead Sign Structure...
 Materials: Materials: Aluminum tubes shall be ASTM B221 alloy 6061 temper T6. Cost included in Overhead Sign Structure...



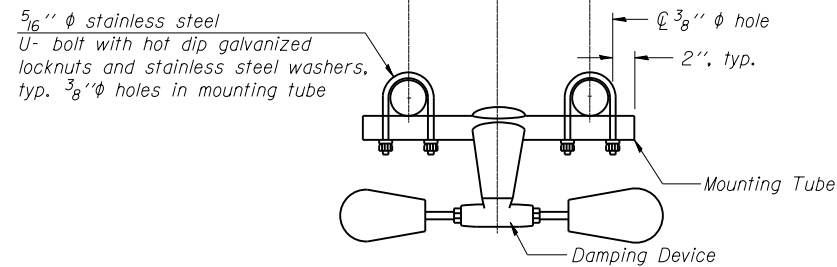
SECTION A-A



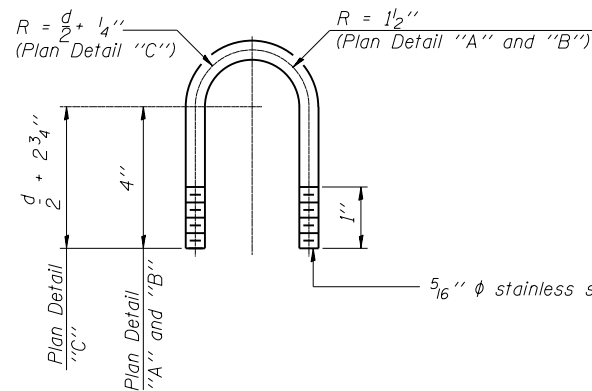
SECTION B-B



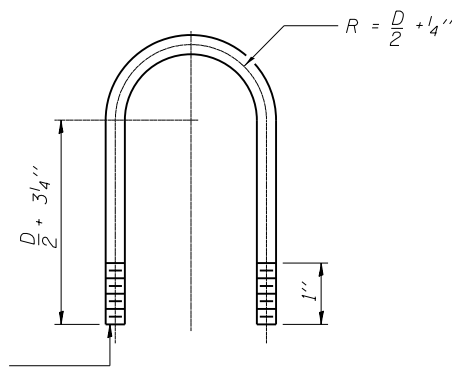
SECTION C-C



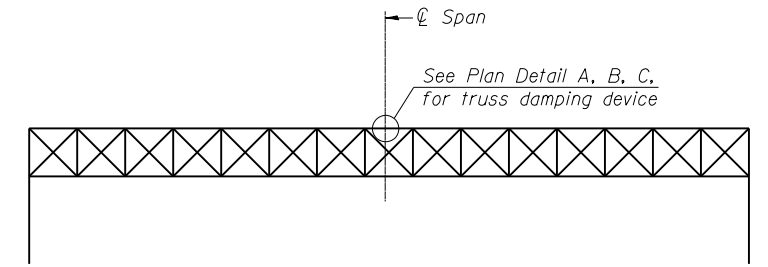
TRUSS DAMPING DEVICE CONNECTION DETAIL
 (Typical)



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

OS-A-D

1-20-11

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FILE NAME = *FILES*

USER NAME = default

DESIGNED - TF

REVISD

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REVISD

PLOT SCALE = H=1"=10' V=1"=5'

DRAWN - TF

REVISD

PLOT DATE = 6/20/2012

CHECKED - RGR

REVISD

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OVERHEAD SIGN STRUCTURE
 DAMPING DEVICE

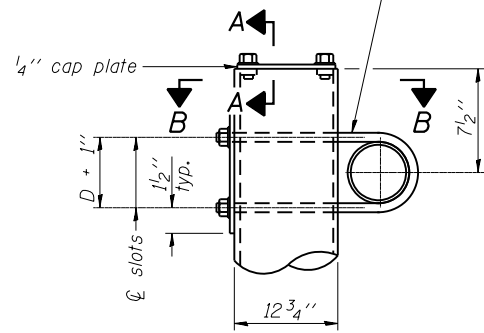
SHEET NO. 8 OF 12 SHEETS

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94	49-1-R-1	LAKE	677	298
CONTRACT NO. 60L77				

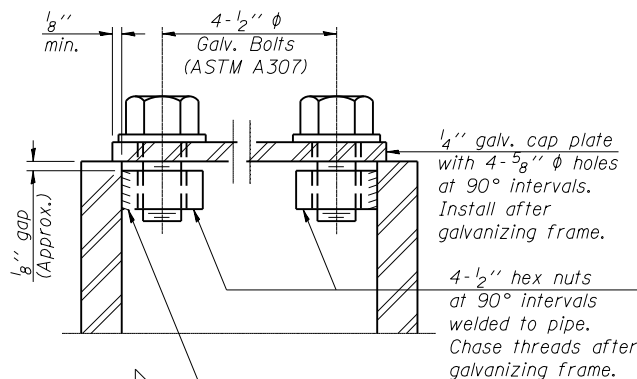
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$\frac{3}{4}$ " ϕ stainless steel U-bolt.
Provide two washers and two hexagon locknuts. (4)
 $\frac{13}{16}$ " x 2" slots on ϕ 12" ϕ pipe.
(4 slots required per pipe)

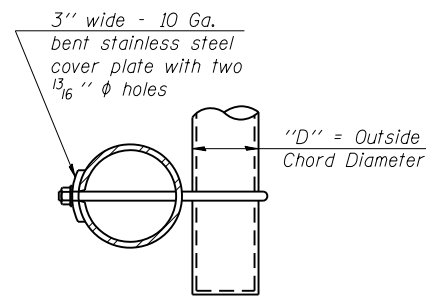


DETAIL A

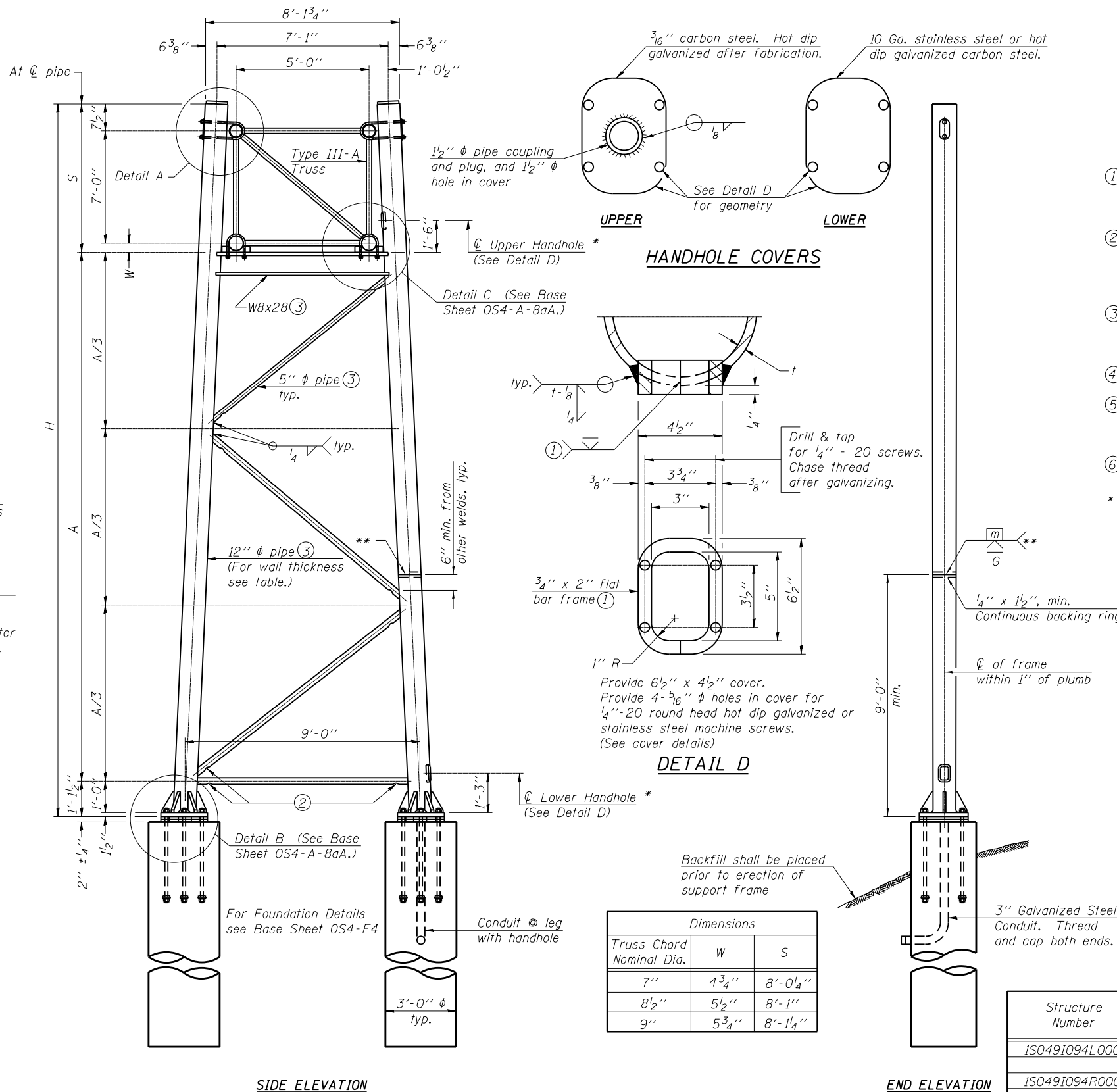


SECTION A-A

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



SECTION B-B



SIDE ELEVATION

END ELEVATION

Dimensions		
Truss Chord Nominal Dia.	W	S
7"	4 3/4"	8'-0 1/4"
8 1/2"	5 1/2"	8'-1"
9"	5 3/4"	8'-1 1/4"

TRUSS SUPPORT DETAILS

(12" ϕ Pipe-Type III-A Truss)
** 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.

Support Design Loads: See Base Sheet OS-A-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

- 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 min or less.
- 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.
- Steel pipe, plate, carbon steel handhole covers and rolled sections shall be hot dip galvanized after fabrication. Painting is not permitted. See Base Sheet OS-A-1.
- See General Notes for fasteners.
- Dimensions shown are based on selection criteria in the Sign Structures Manual. Nonstandard applications must have dimensions verified or amended as appropriate.
- "H" based on 15'-0" or actual sign height, whichever is greater.

* For dynamic message sign installations, provide upper and lower handholes in both legs of each support frame.

Structure Number	Station	Support		Pipe Wall Thickness	H (6)	A
		Left	Right			
IS0491094L000.8	4081+75			.375"	33.42'	24.28'
IS0491094R000.9	14076+06			.375"	30.97'	21.83'
				.33"	31.39'	22.25'
IS0491094R000.7	14085+14			.33"	30.97'	21.83'
				.33"	32.53'	23.39'

OS4-A-8a

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OVERHEAD SIGN STRUCTURES - SUPPORT FRAME
FOR TYPE III-A ALUMINUM TRUSS

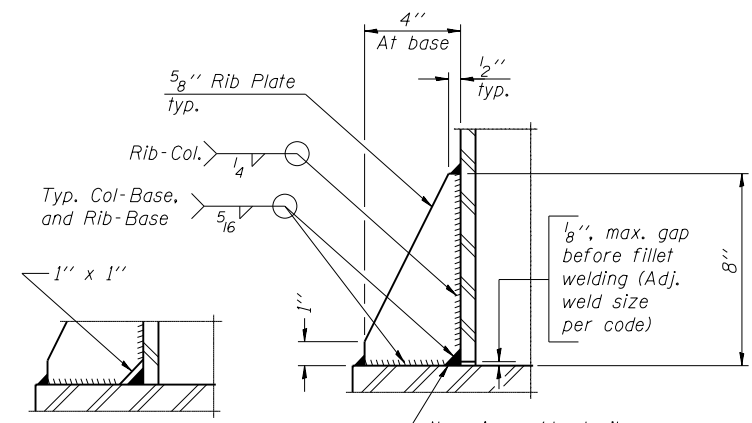
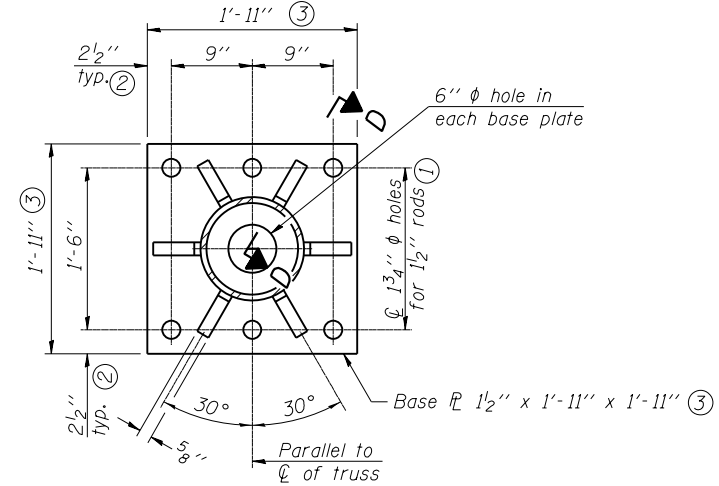
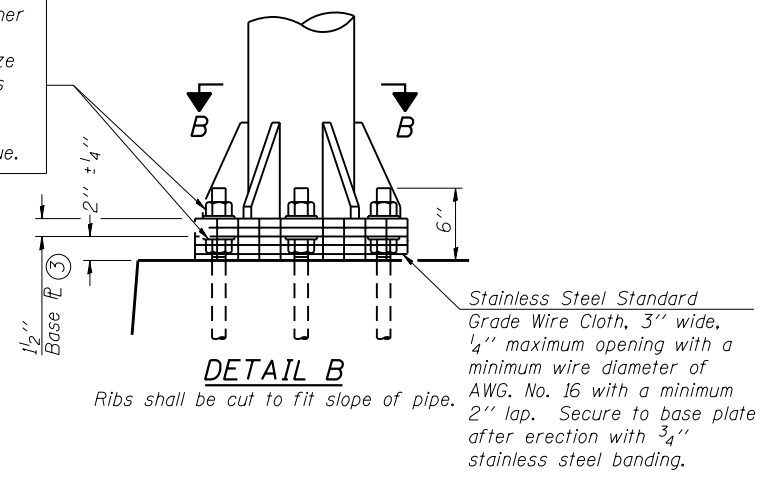
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94	49-1-R-1	LAKE	677	299
CONTRACT NO. 60L77				

SHEET NO. 9 OF 12 SHEETS

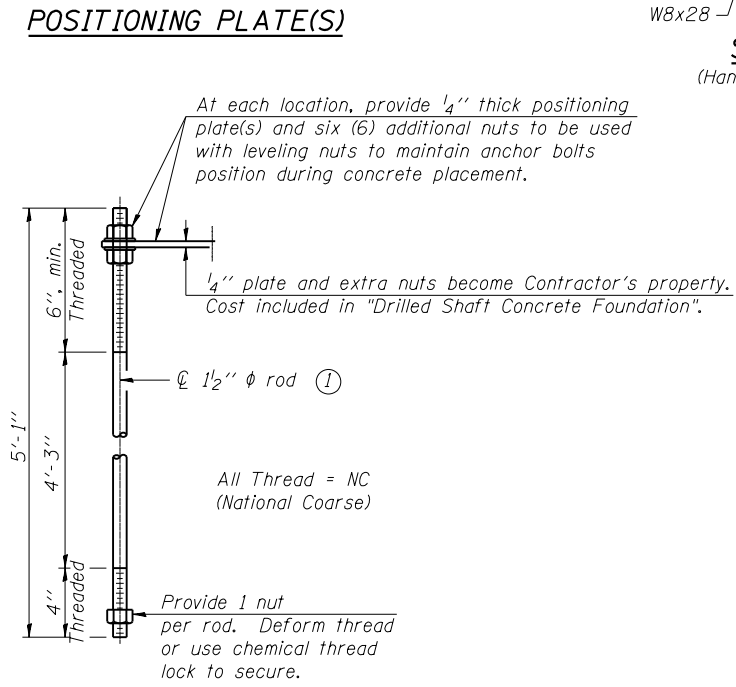
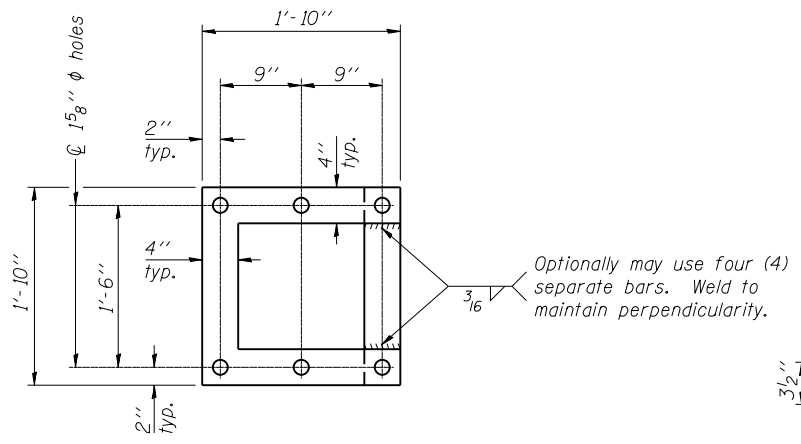
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Hexagon locknut and washer (top), leveling nut and washer (bottom). Galvanize per AASHTO M232. Nuts shall each be tightened against base plate with 200 lb.-ft. minimum torque.



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



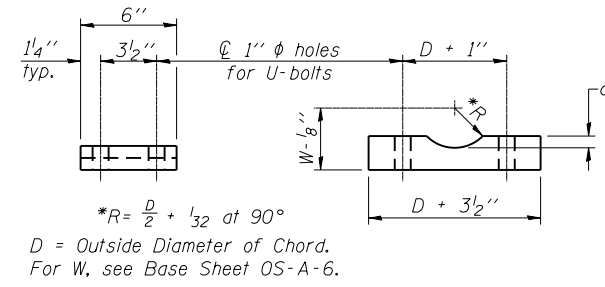
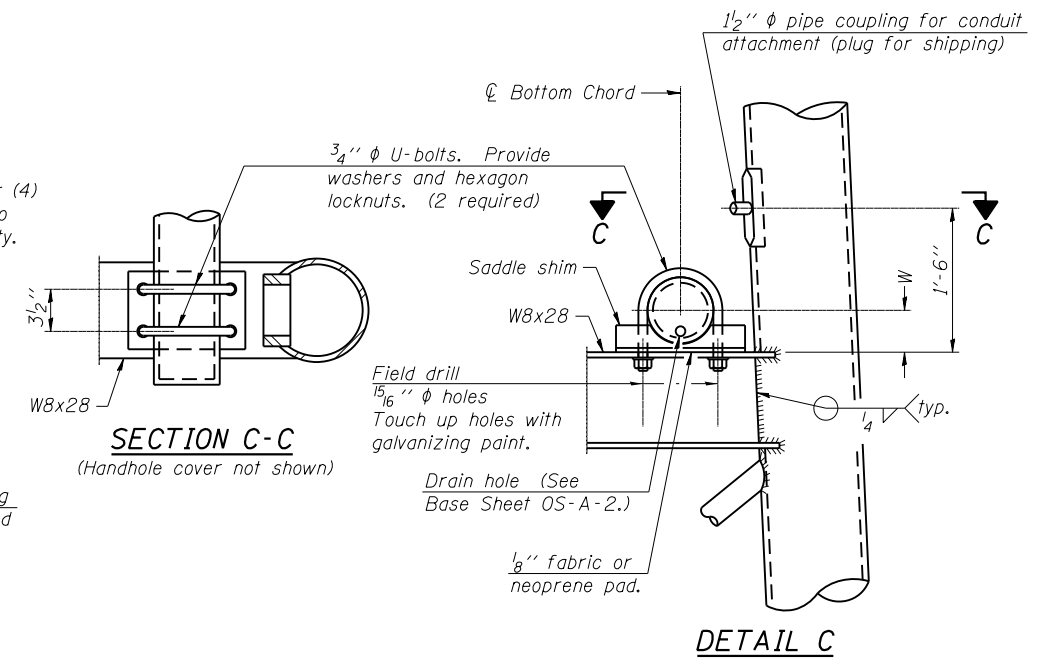
ANCHOR ROD DETAIL

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

**TYPE III-A TRUSS
12" ϕ PIPE SUPPORT FRAME DETAILS**

Notes:
For Type III-A Truss spans greater than 150 ft. and up to 160 ft.:

- ① 1 3/4" ϕ rod, 2" ϕ holes
- ② 2 3/4" edge distance
- ③ Base Pl 1 5/8" x 1 11/2" x 1 11/2"



Truss Chord Nominal Dia.	a
7"	1"
8 1/2"	1 1/4"
9"	1 3/8"

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

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	PLOT DATE = 6/20/2012	CHECKED - RGR	REVISED

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OVERHEAD SIGN STRUCTURES
SUPPORT FRAME FOR TYPE III-A ALUMINUM TRUSS

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94	49-1-R-1	LAKE	677	300
			CONTRACT NO. 60L77	
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SHEET NO. 10 OF 12 SHEETS

77 Sheets0160L77-snt-signstructures-details.dgn