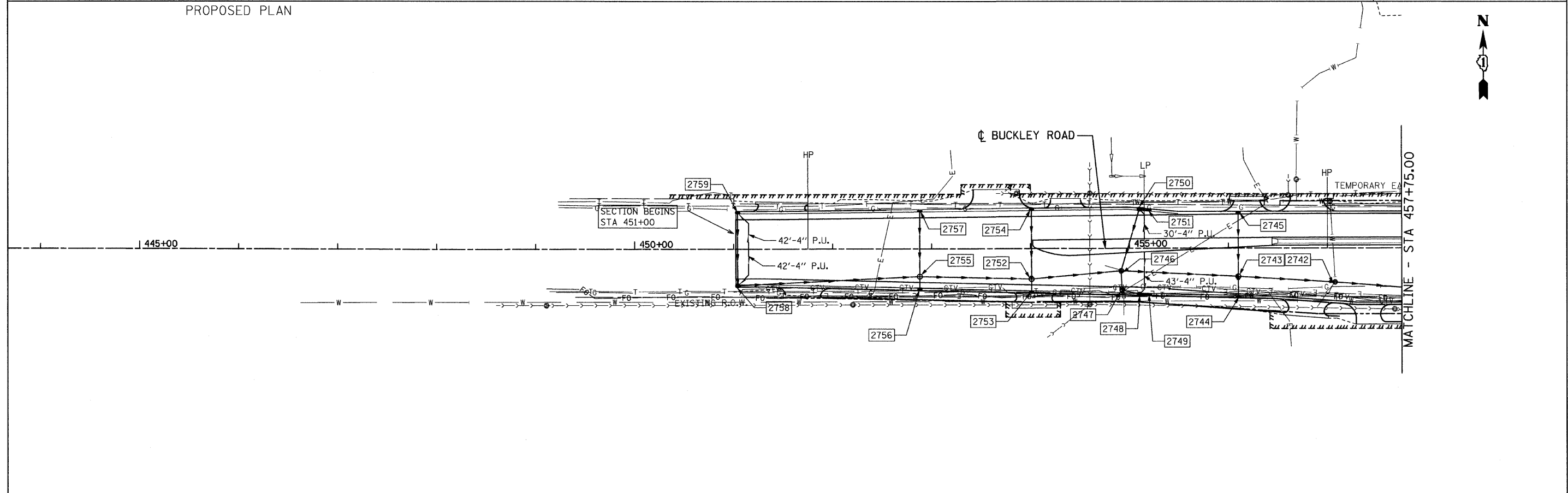
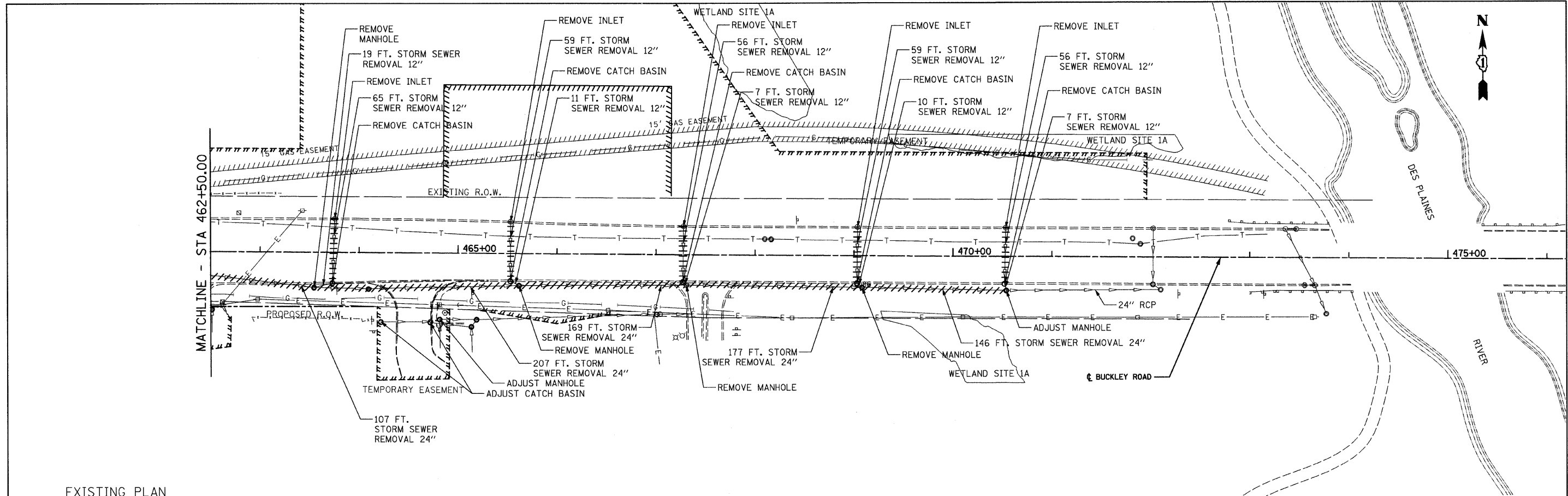


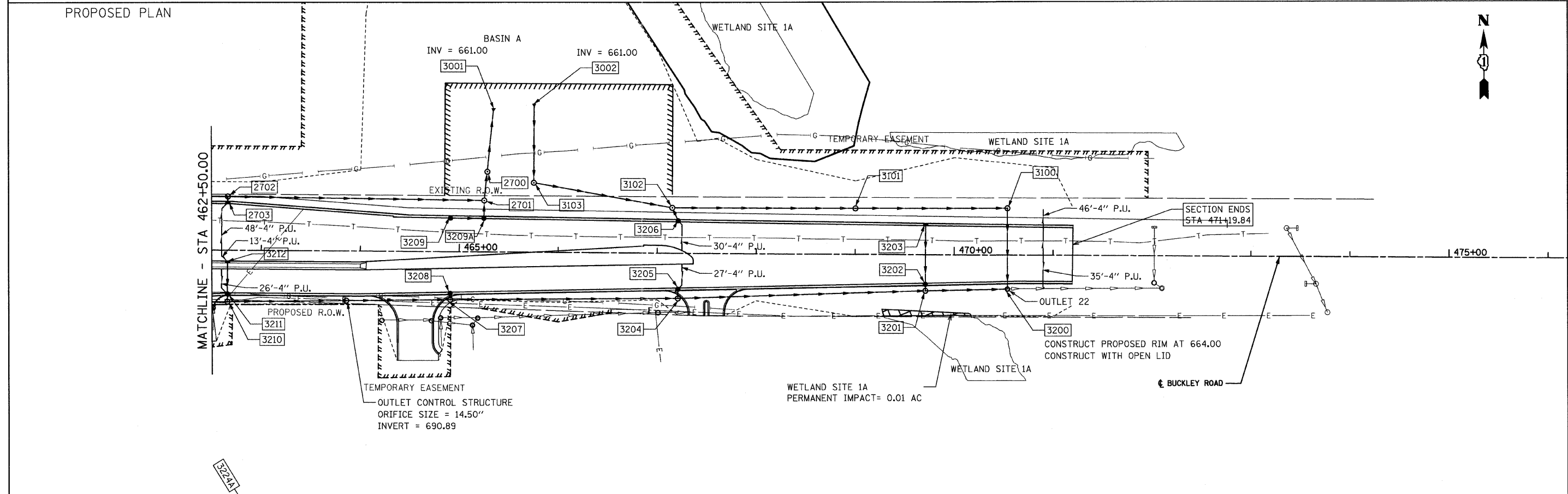
EXISTING PLAN
PROPOSED PLAN



FILE NAME = u:\182981\cadd sheets\shd-drain09.dgn	USER NAME = IDOT	DESIGNED - EJM	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	DRAINAGE AND UTILITY PLAN IL RTE 137 (BUCKLEY RD)		F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	PLOT SCALE = 50.0000' / IN.	DRAWN - BK	REVISED -				330	128R-3	LAKE	518	102
	PLOT DATE = 8/11/2011	CHECKED - GFL	REVISED -				CONTRACT NO. 60953				
DATE - 4/30/2011				SCALE: 1" = 50'		SHEET NO. OF SHEETS	STA. 444+90.00 TO STA. 457+75.00		ILLINOIS FED. AID PROJECT		



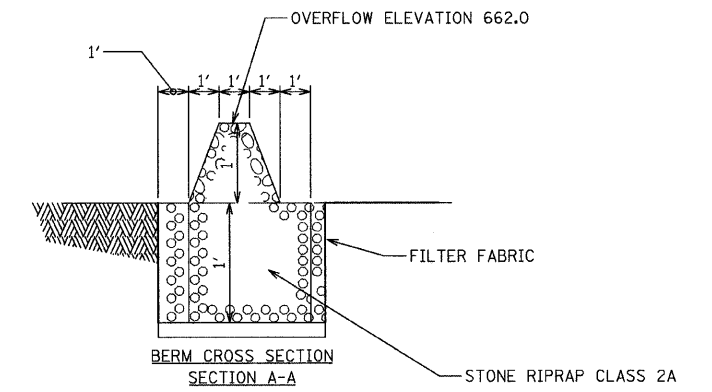
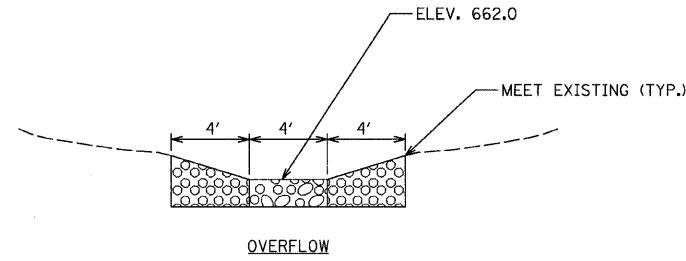
EXISTING PLAN
PROPOSED PLAN



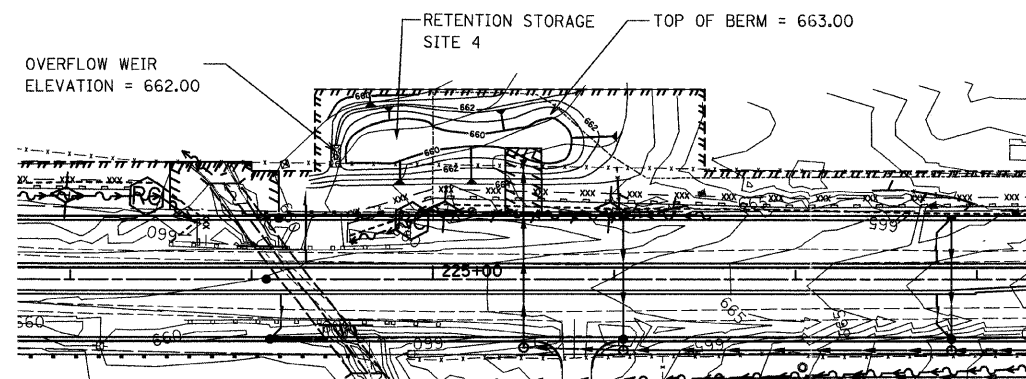
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PLOT SCALE = 50.0000' / IN.	CHECKED - GFL	REVISIED -	REVISIED -		SCALE: 1" = 50'			CONTRACT NO. 60953				
PLOT DATE = 8/11/2011	DATE - 4/30/2011	REVISIED -	REVISIED -		SHEET NO. OF SHEETS STA. 462+50.00 TO STA. 474+02.90			ILLINOIS FED. AID PROJECT				

SITE 4 VOLUME

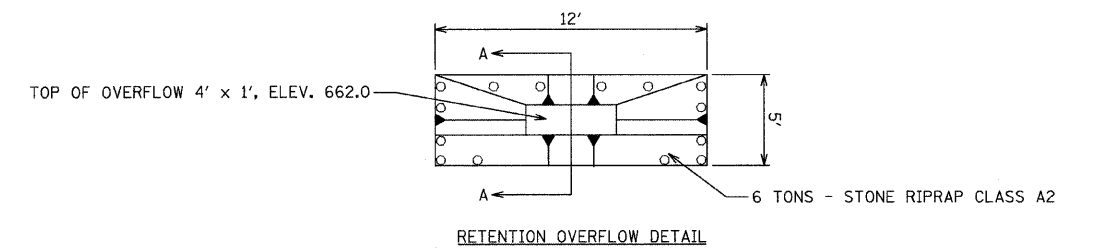
STAGE / STORAGE TABLE				
STAGE (ft)	ELEVATION (ft)	CONTOUR AREA (sq ft)	INCR. STORAGE (cu ft)	TOTAL STORAGE (cu ft)
0.00	660.00	1.254	0	0
1.00	661.00	1.883	1.588	1.588
2.00	662.00	2.577	2.221	3.779



EXISTING CONTOURS ARE SHOWN, SEE CROSS SECTIONS FOR PROPOSED GRADING



RETENTION SITE 4



FILE NAME =	USER NAME = IDOT	DESIGNED - EJM	REVISED -
st\102901\cadd sheets\sh-retention4.dgn		DRAWN - BK	REVISED -
	PLOT SCALE = 50.000000' / IN.	CHECKED - GFL	REVISED -
	PLOT DATE = 8/17/2011	DATE - 12/17/10	REVISED -

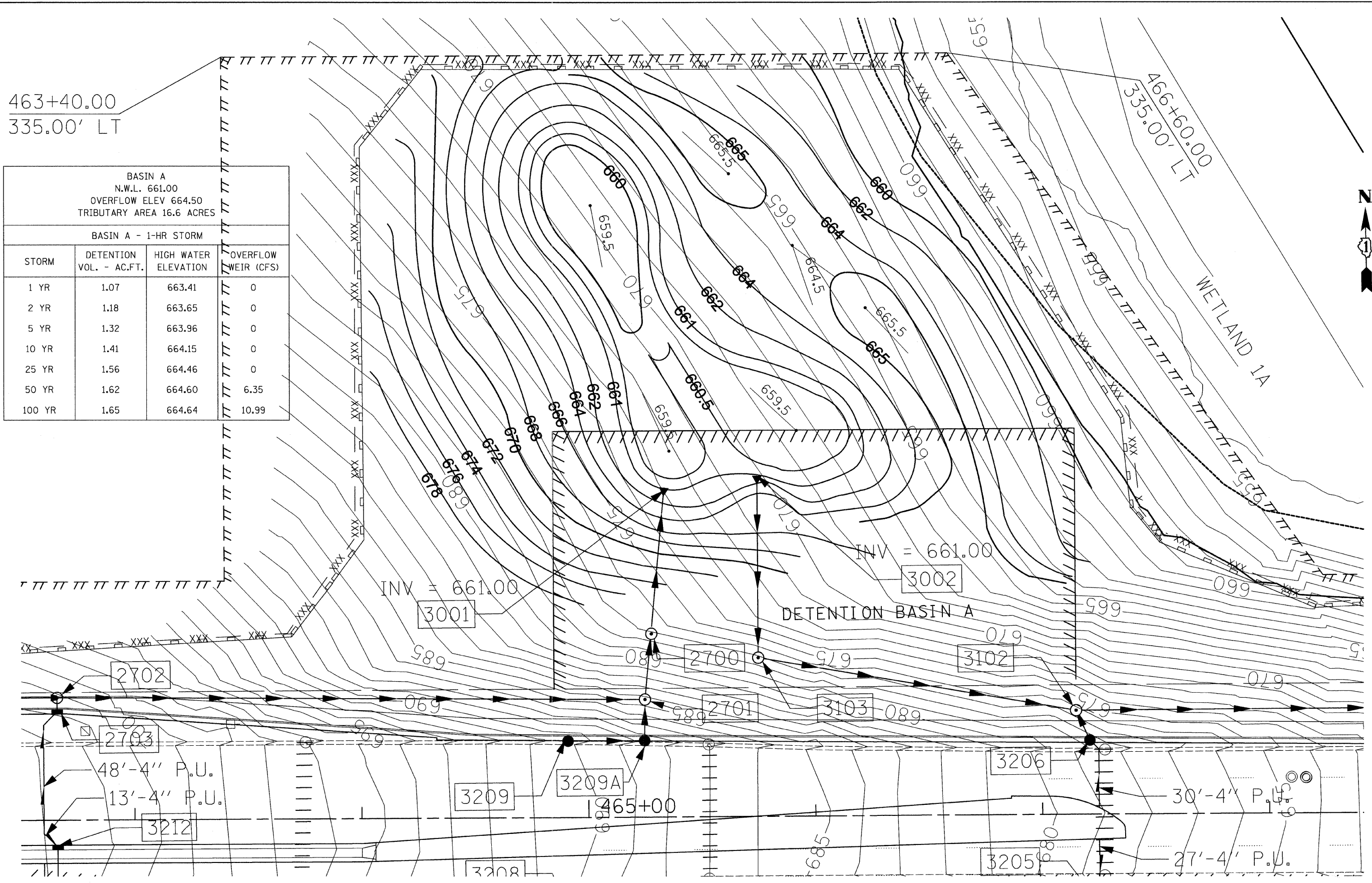
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DRAINAGE PLAN			
RETENTION SITE 4			
SCALE:	SHEET NO.	OF SHEETS	STA. TO STA.

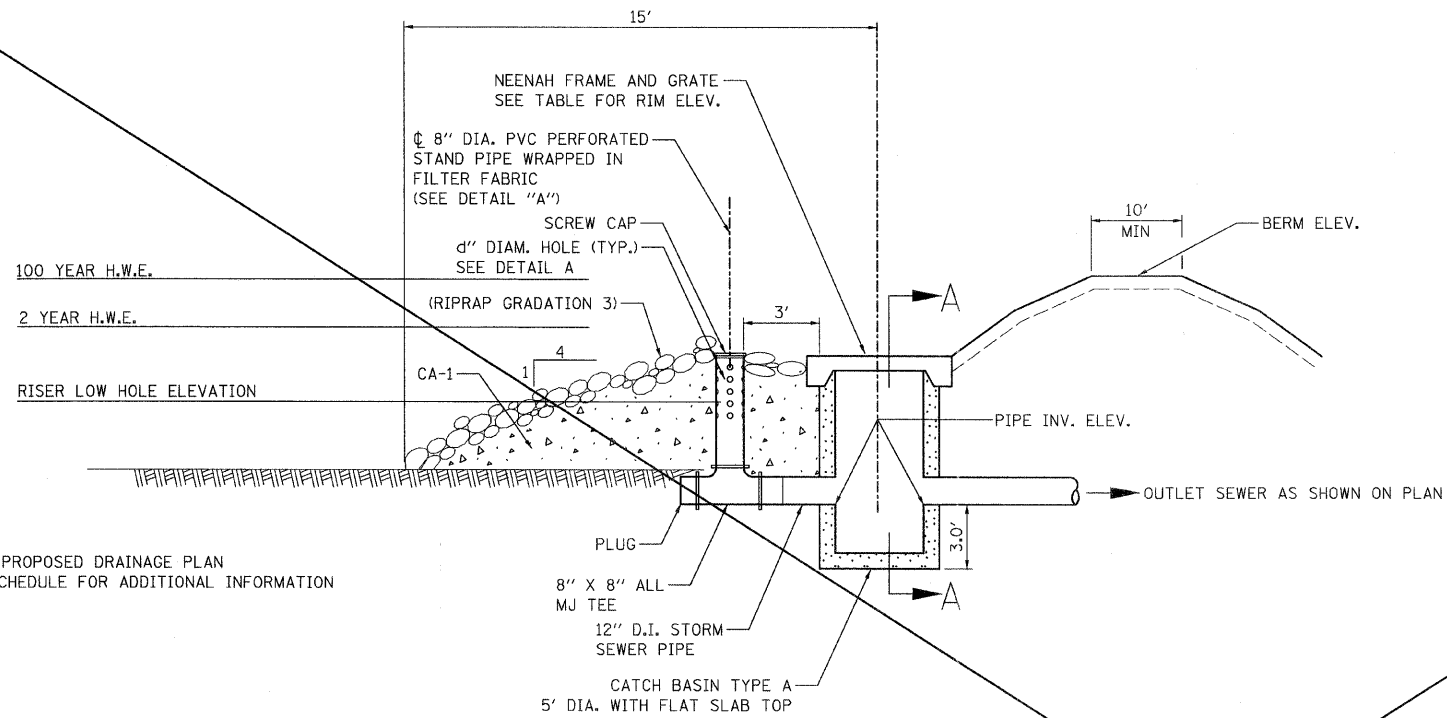
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
330	128R-3	LAKE	518	104
CONTRACT NO. 60953				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

463+40.00
335.00' LT

BASIN A N.W.L. 661.00 OVERFLOW ELEV 664.50 TRIBUTARY AREA 16.6 ACRES			
BASIN A - 1-HR STORM			
STORM	DETENTION VOL. - AC.FT.	HIGH WATER ELEVATION	OVERFLOW WEIR (CFS)
1 YR	1.07	663.41	0
2 YR	1.18	663.65	0
5 YR	1.32	663.96	0
10 YR	1.41	664.15	0
25 YR	1.56	664.46	0
50 YR	1.62	664.60	6.35
100 YR	1.65	664.64	10.99

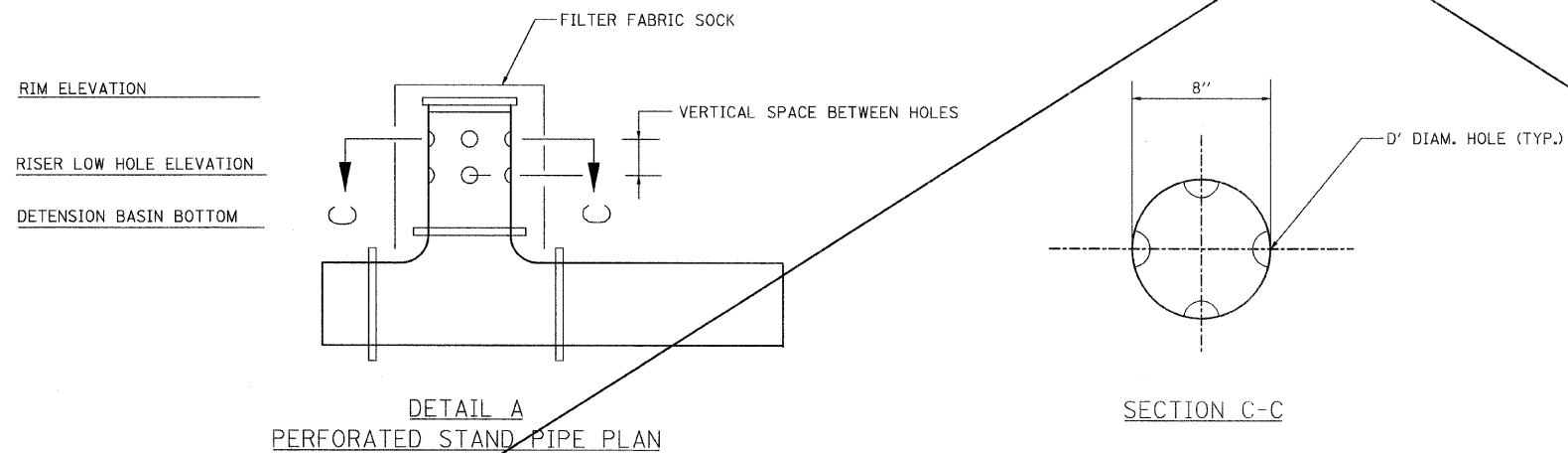


FILE NAME =	USER NAME = IDOT	DESIGNED - EJM	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	DRAINAGE PLAN RETENTION/DETENTION SITE A	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
I:\102981\CADD Sheets\shft-detentionA.2011.dgn	DRAWN - BK	REVISED -	330			128R-3	LAKE	518	105	
PLOT SCALE = 20.0000' / IN.	CHECKED - GFL	REVISED -	CONTRACT NO. 60953							
PLOT DATE = 6/11/2011	DATE - 4/30/2011	REVISED -	ILLINOIS FED. AID PROJECT							
SCALE: 1" = 20'						SHEET NO. OF SHEETS STA. TO STA.				



NOTE:
SEE SITE PLAN, PROPOSED DRAINAGE PLAN
AND DRAINAGE SCHEDULE FOR ADDITIONAL INFORMATION

TYPICAL SECTION THROUGH DETENTION BASIN OUTLET STRUCTURES

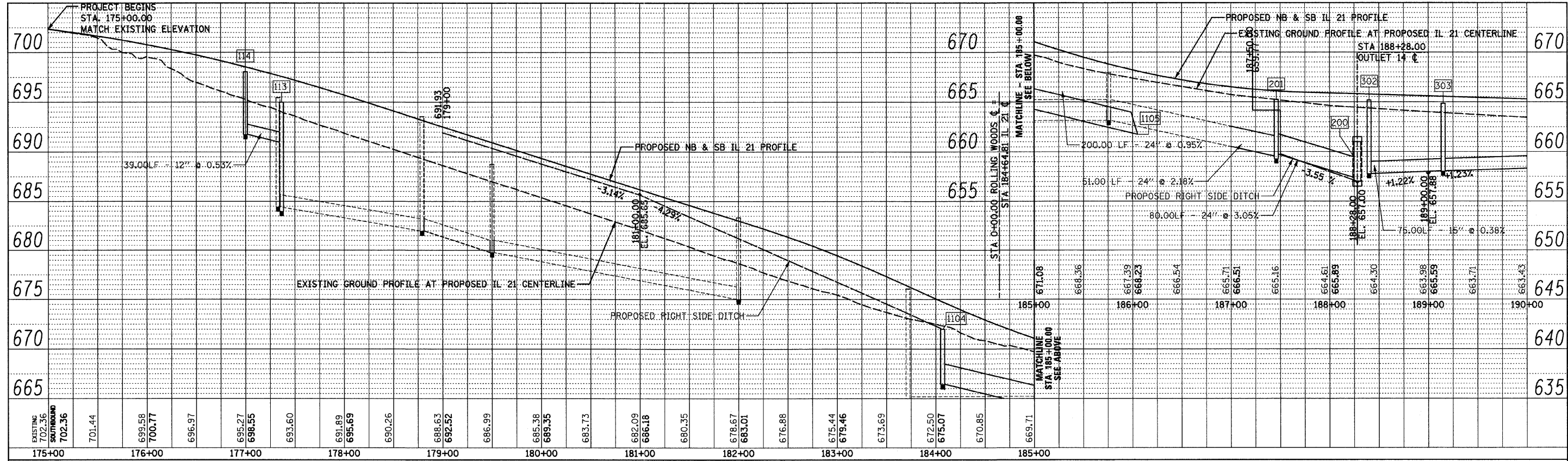


STORAGE SITE	CONTROL STRUCTURE LOCATION	BOTTOM POND ELEVATION (FT)	2-YR H.W.E. (FT)	100-YR H.W.E. (FT)	DETENTION/RETENTION STORAGE REQUIRED (CU FT)		BERM (FT)	L OR WIDTH OF DITCH CHECK (FT)	RIM ELEV. (FT)	NEENAH GRATE TYPE	PIPE INVERTS (FT)	NO. OF PERFORATIONS	ELEV. OF LOWEST PERFORATION (FT)	VERTICAL/SPACE BETWEEN HOLES	D ORIFICE DIA.
BASIN A	466+40.00LT	665.00	667.70	670.58	35,343	92,070	672.00	NA	667.20	R-2565-F	664.1	8	665.0	1'	3/4"
BASIN B	183+59.71 LT	670.00	670.20	674.10	3,213	71,172	675.00	NA	674.05	R-2565-C	669.0	8	669.5	3'	5/8"

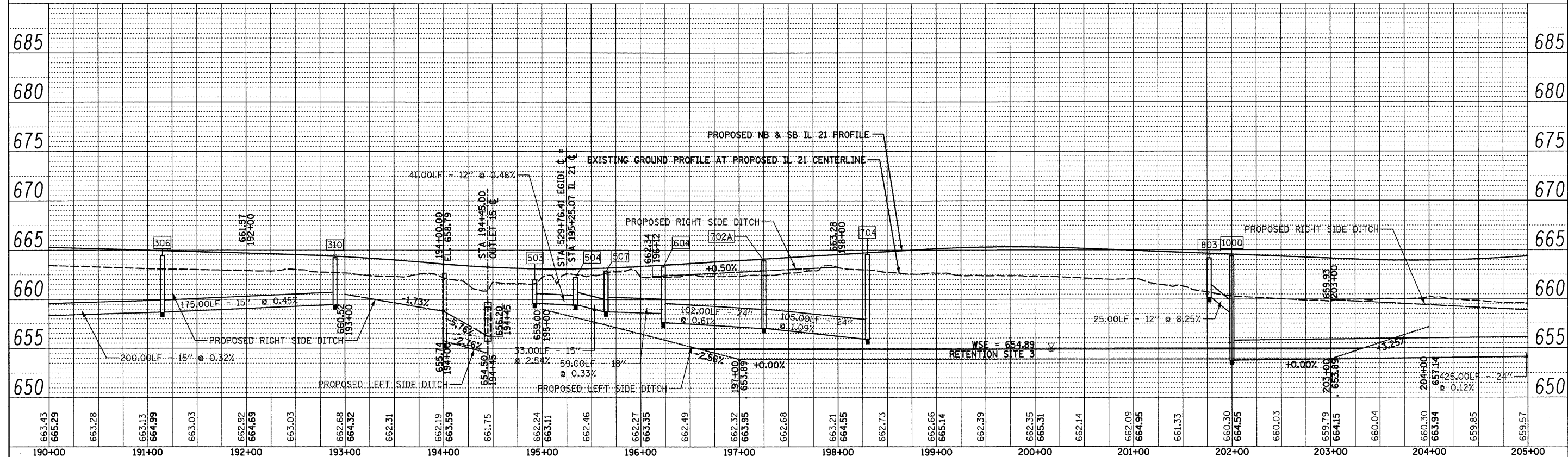
THIS SHEET IS NOT USED

FILE NAME =	USER NAME = IDOT	DESIGNED - PDK	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	OUTLET STRUCTURE DETAILS DETENTION BASIN OUTLET A AND B	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
I:\102901\CADD Sheets\shd-detention-detail.dgn	DRAWN - MJG	REVISED -	330			128R-3	LAKE	518	106	
PLOT SCALE = 5/8" = 1' / IN.	CHECKED - MRH	REVISED -	CONTRACT NO. 60953							
PLOT DATE = 7/8/2011	DATE - 12/17/10	REVISED -	ILLINOIS FED. AID PROJECT							
					SCALE:	SHEET NO. OF SHEETS		STA.	TO STA.	

PLAN	SURVEYED	BY	DATE
	PLOTTED		
	CHECKED		
	BY		
	NO. OF WAY CHECKED		
	CADD FILE NAME		

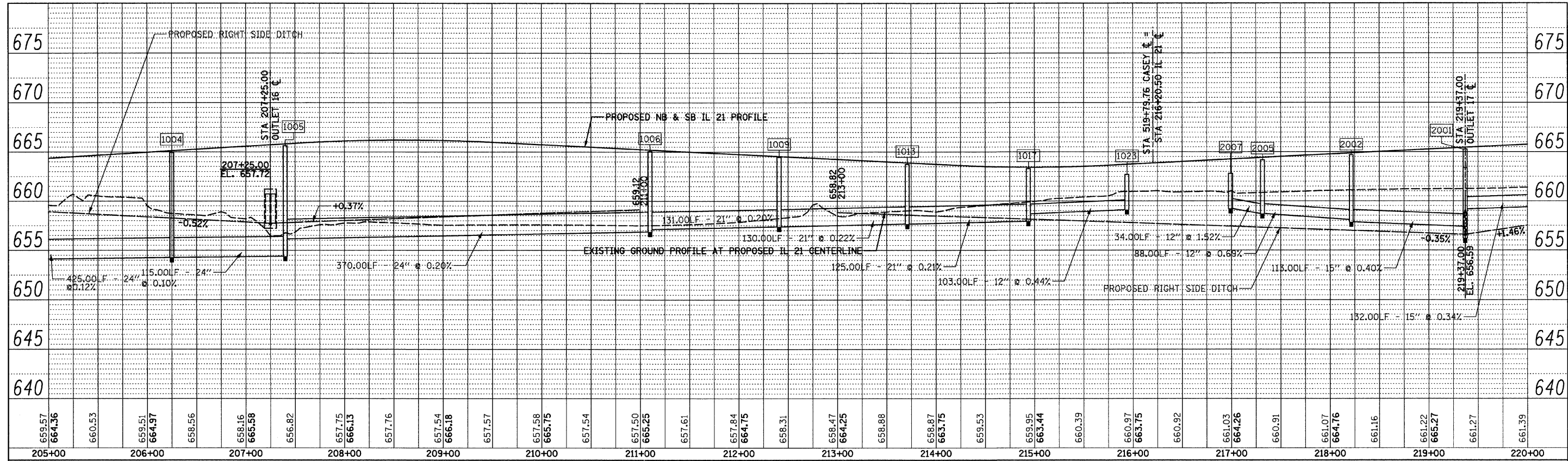


PROFILE	SURVEYED	BY	DATE
	PLOTTED		
	CHECKED		
	BY		
	NO. OF WAY CHECKED		
	STRUCTURE NOTATION CHRG		

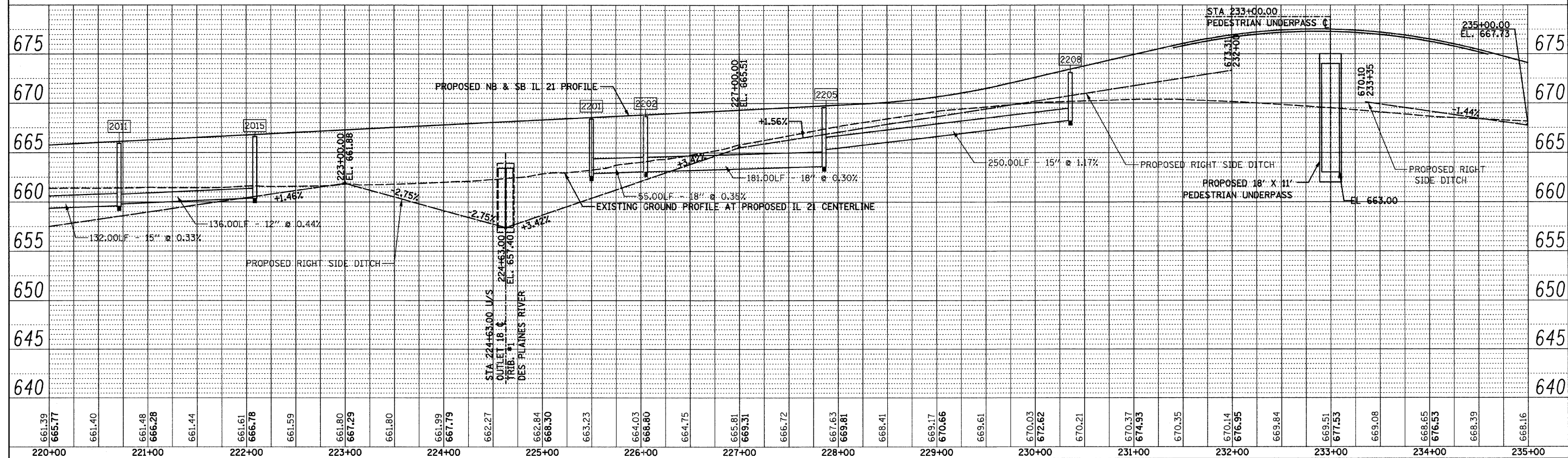


FILE NAME =	USER NAME = IDOT	DESIGNED - PDK	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	DRAINAGE PROFILE			F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
1:\102\901\cadd\sheet\sh\drain\prof01.dgn		DRAWN - MJG	REVISED -		IL RTE 21 (MILWAUKEE AVE)			330	128R-3	LAKE	518	107	
		CHECKED - MRH	REVISED -		SCALE:			SHEET NO.	OF	SHEETS	STA. 175+00.00 TO STA. 205+00.00	CONTRACT NO. 60953	
		DATE - 12/17/10	REVISED -		ILLINOIS FED. AID PROJECT								
					RETENTION SITE								

PLAN	SURVEYED	BY	DATE
	PLOTTED		
	NOTED		
	NO. OF WAY CHECKED		
	PAID FILE NAME		

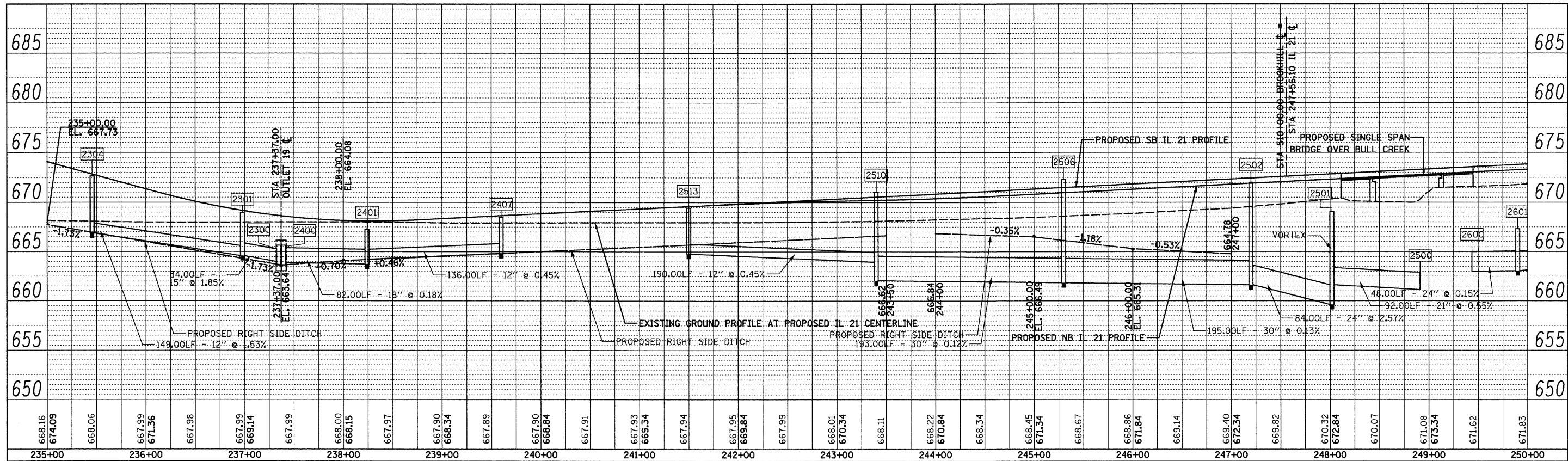


PROFILE	SURVEYED	BY	DATE
	PLOTTED		
	NOTED		
	NO. OF WAY CHECKED		
	PAID FILE NAME		

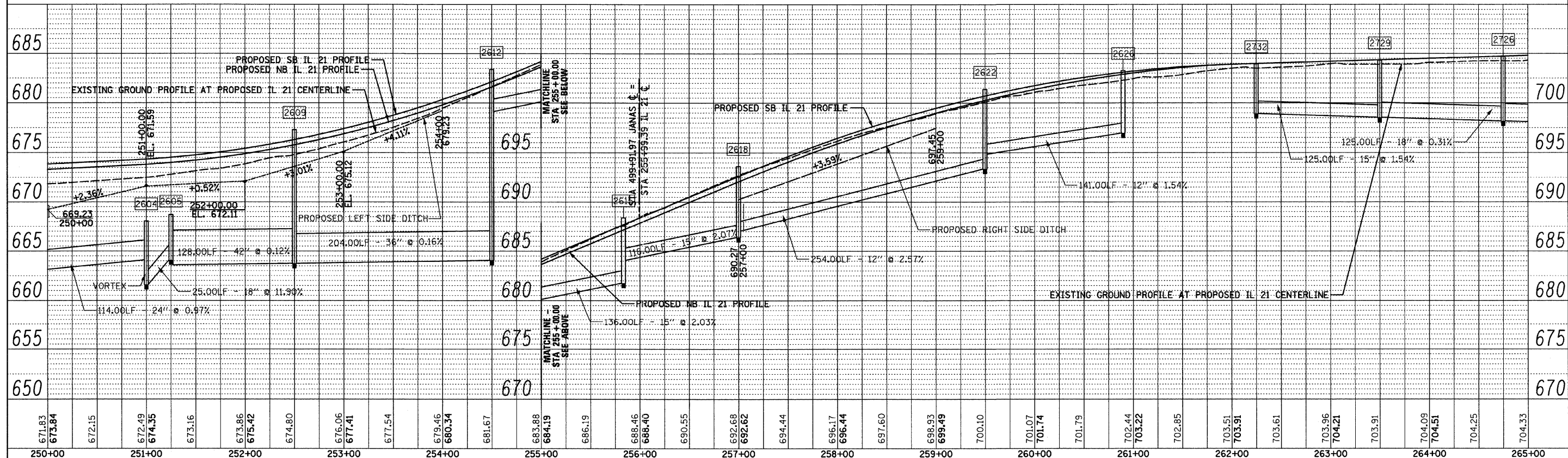


FILE NAME =	USER NAME = IDOT	DESIGNED - PDK	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION				DRAINAGE PROFILE IL RTE 21 (MILWAUKEE AVE)				F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1:\102\901\cadd\sheet\shht-drainprof02.dgn		DRAWN - MJG	REVISED -					SCALE:	SHEET NO.	OF SHEETS	STA. 205+00.00 TO STA. 235+00.00	330	128R-3	LAKE	518	108
		CHECKED - MRH	REVISED -									CONTRACT NO. 60953				
		DATE - 12/17/10	REVISED -									ILLINOIS FED. AID PROJECT				

PLAN	SURVEYED	BY	DATE
	PLOTTED		
	CHECKED		
	NOTED		
	NO. OF WAY CHECKED		
	PAID FILE NAME		

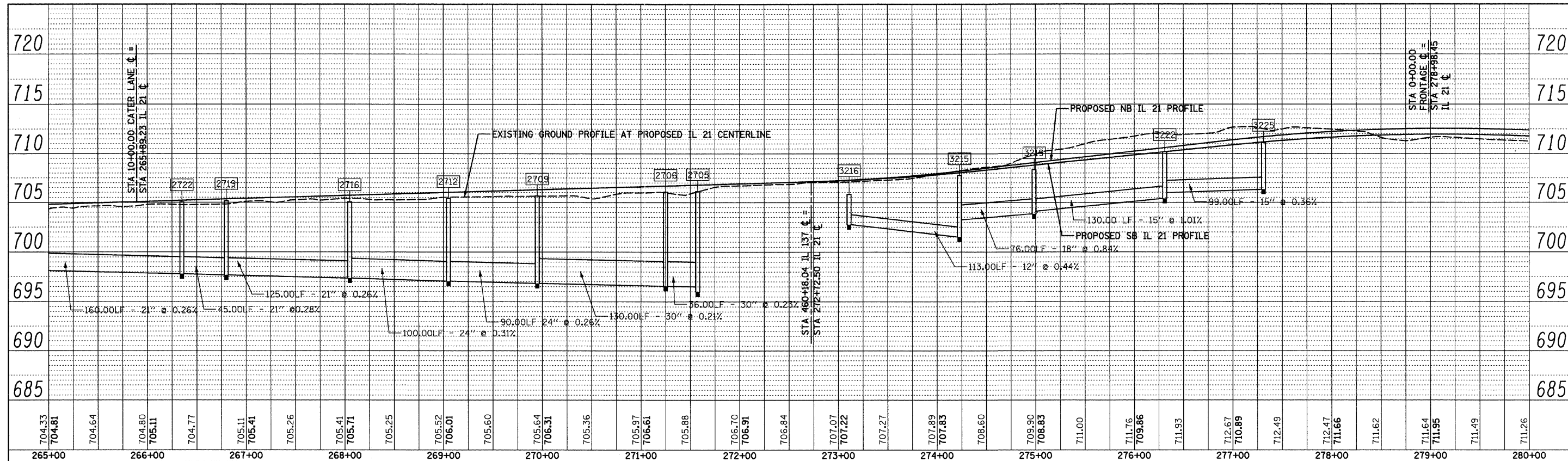


PROFILE	SURVEYED	BY	DATE
	PLOTTED		
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	NOTED		
	NO. OF WAY CHECKED		
	STRUCTURE NOTATIONS CIPD		

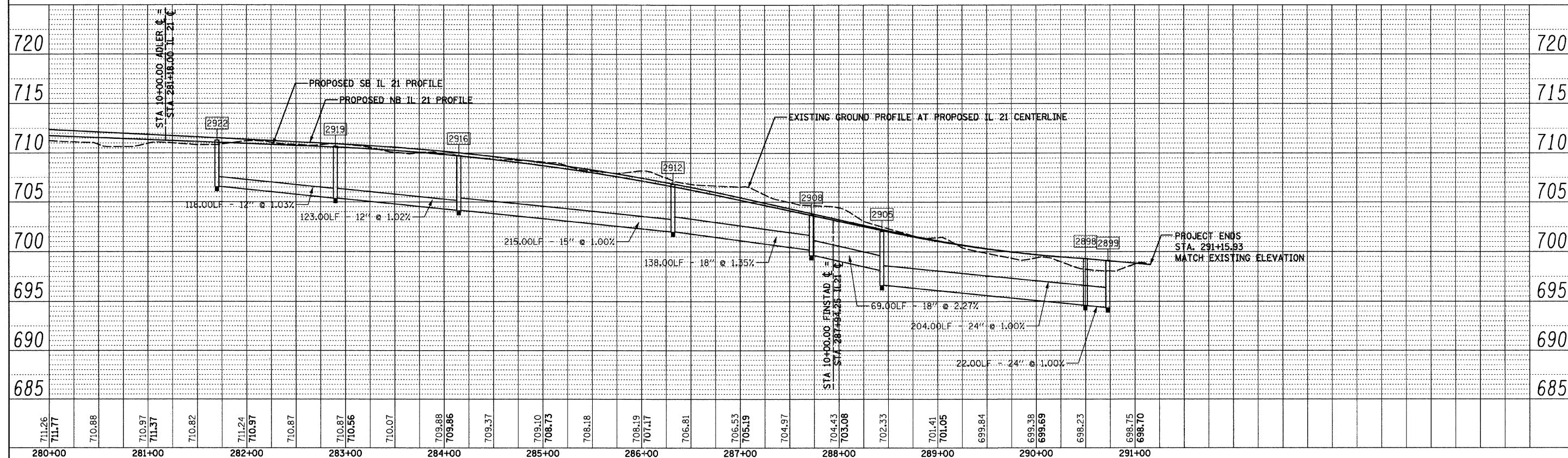


FILE NAME =	USER NAME = IDOT	DESIGNED - PDK	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	DRAINAGE PROFILE IL RTE 21 (MILWAUKEE AVE)	F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
1:\102\901\cadd\sheeta\shdrainprof03.dgn	PLLOT SCALE = 50.0000' / IN.	DRAWN - MJG	REVISED -			330	128R-3	LAKE	518	109	
	PLLOT DATE = 8/11/2011	CHECKED - MRH	REVISED -			CONTRACT NO. 60953					
		DATE - 12/17/10	REVISED -			ILLINOIS FED. AID PROJECT					
						SCALE:	SHEET NO. OF SHEETS	STA. 235+00.00 TO STA. 265+00.00			

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

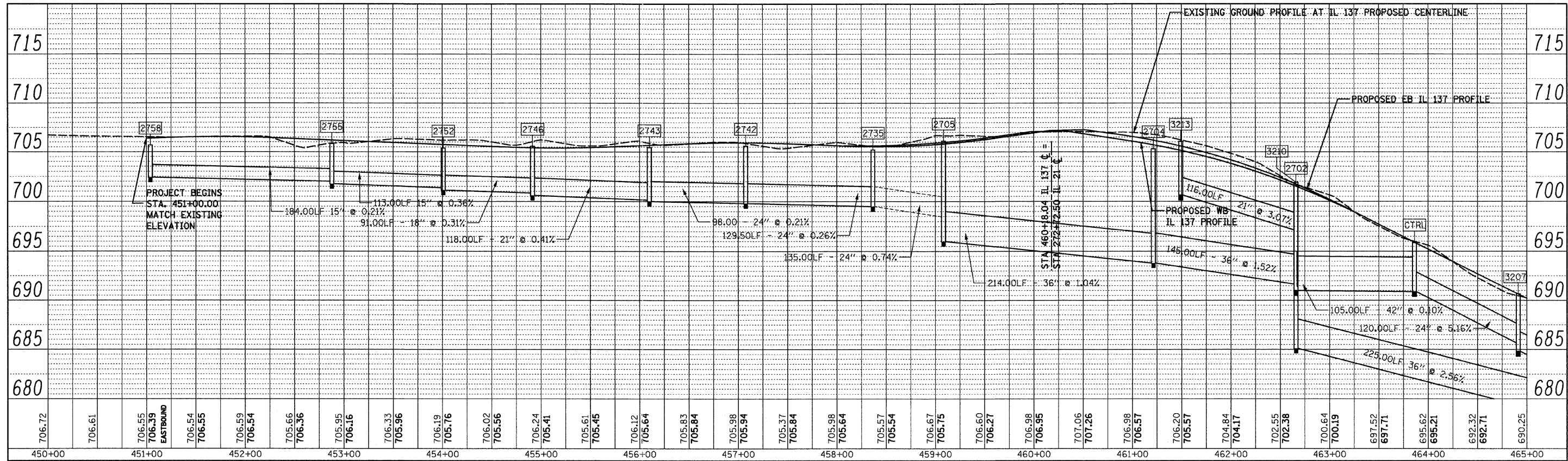


PROFILE	SURVEYED	DATE
	PLOTTED	
	CHECKED	
	BY	
	NOTE BOOK	
	NO.	
	STRUCTURE NOTATIONS DRWG	

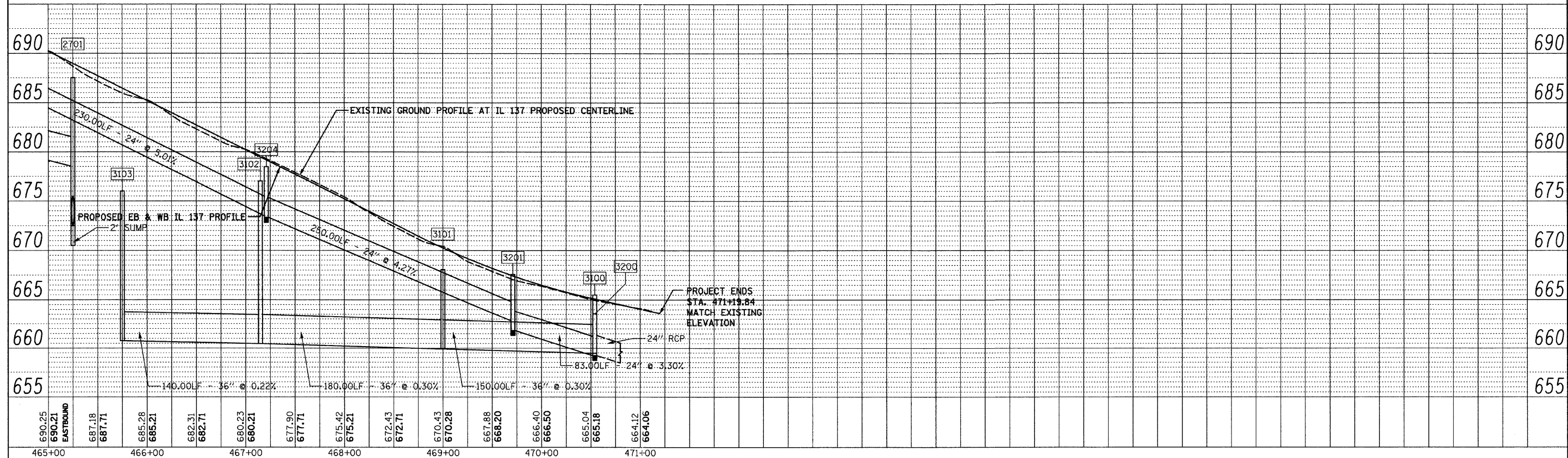


FILE NAME = 1:\182901\cadd sheets\sh-drainprof04.dgn	USER NAME = IDOT	DESIGNED - PDK	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	DRAINAGE PROFILE IL RTE 21 (MILWAUKEE AVE)			F.A. RTE. 330	SECTION 128R-3	COUNTY LAKE	TOTAL SHEETS 518	SHEET NO. 110
PLOT SCALE = 50.0000' / IN.	DESIGNED - MUG	CHECKED - MRH	REVISED -		SCALE:	SHEET NO. OF SHEETS	STA. 265+00.00 TO STA. 291+15.93	CONTRACT NO. 60953				
PLOT DATE = 8/11/2011	DESIGNED - MRH	CHECKED - MRH	REVISED -		ILLINOIS FED. AID PROJECT							
	DATE - 12/17/10	CHECKED - MRH	REVISED -									

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



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



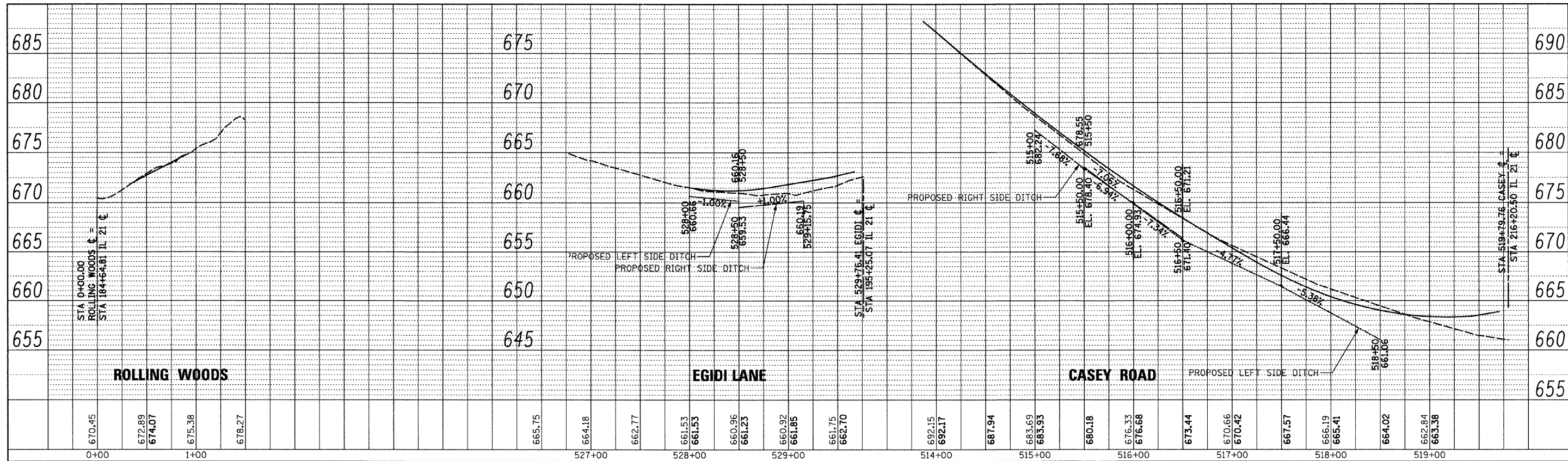
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		CHECKED - MRH	REVISED -
		DATE - 12/17/10	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

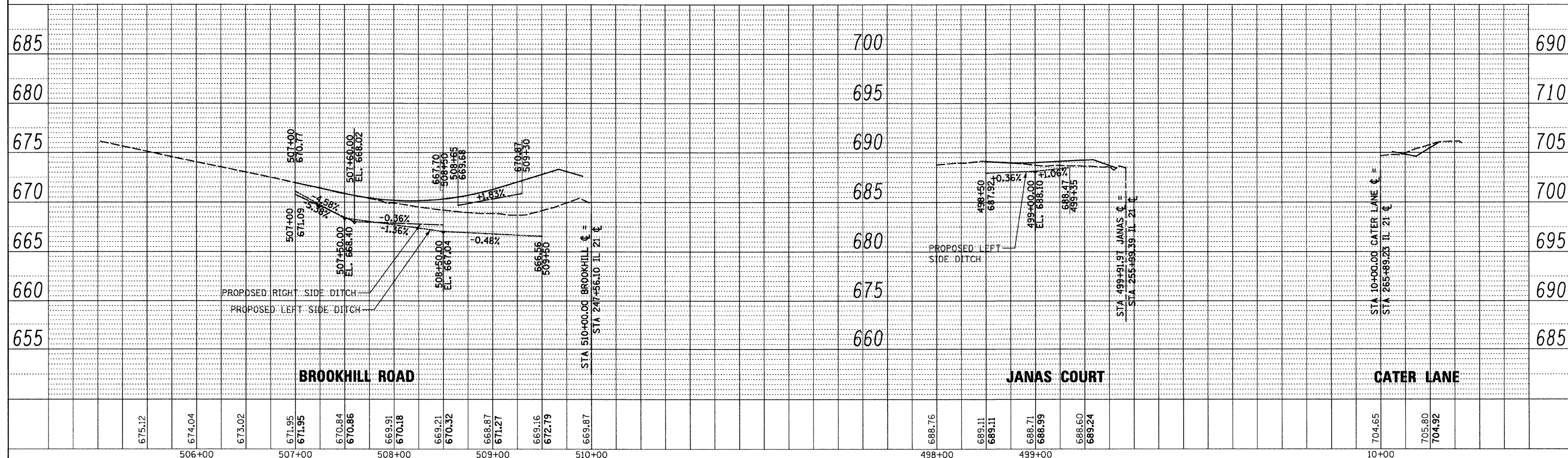
DRAINAGE PROFILE			
IL RTE 137 (BUCKLEY RD.)			
SCALE:	SHEET NO.	OF SHEETS	STA. 451+00.00 TO STA. 471+19.84

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
330	128R-3	LAKE	518	111
CONTRACT NO. 60953				
ILLINOIS FED. AID PROJECT				

PLAN	SURVEYED	BY	DATE
	PLOTTED		
	CHECKED		
	NO. OF WAY CHECKED		
	PAID FILE NAME		



PROFILE	SURVEYED	BY	DATE
	PLOTTED		
	CHECKED		
	NO. OF WAY CHECKED		
	PAID FILE NAME		



FILE NAME =	USER NAME = IDOT	DESIGNED - PDK	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	DRAINAGE PROFILE IL RTE 21 (MILWAUKEE AVE.) CROSS STREETS			F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
\\102901\cadd\sheets\shd-drainprof06.dgn		DRAWN - MJG	REVISED -		330	128R-3	LAKE	518	112			
		CHECKED - MRH	REVISED -		CONTRACT NO. 60953							
		DATE - 12/17/10	REVISED -		ILLINOIS FED. AID PROJECT							
				SCALE:	SHEET NO.	OF SHEETS	STA.	TO STA.				

DESC.	STATION	OFFSET	PAY ITEM NUMBER	CATCH BASINS, INLETS AND MANHOLES												FLARED END SECTIONS					OTHER	RIM ELEV	INVERT ELEV	DESC.	
				60200805	60201105	60201340	60236200	60236600	60236800	60237470	60238700	60218400	60221100	60223800	X6020096	54213657	54213660	54213666	54213669	54213681					
				CB TA 4 DIA T8G	CB TA 4 DIA T11F&G	CB TA 4 DIA T24F&G	INLETS TA T8G	INLETS TA T9F&G	INLETS TA T11F&G	INLETS TA T24F&G	INLETS TA W/SPL F&G R-2565-C	MAN TA 4 DIA T1F CL	MAN TA 5 DIA T1F CL	MAN TA 6 DIA T1F CL	MAN TA 6D 2-T1FCL R-PLT	PRC FLAR END SEC 12	PRC FLAR END SEC 15	PRC FLAR END SEC 21	PRC FLAR END SEC 24	PRC FLAR END SEC 36					
1010	212+40.00	34.08' RT				1															664.07	660.16 E & W	1010		
1011	212+40.00	0.00'	1																			664.83	660.31 E & W	1011	
1012	212+40.00	34.08' LT									1											664.46	660.46 W	1012	
1013	213+70.00	40.28' RT												1								663.73	657.66 N & S, 659.10 E	1013	
1014	213+70.00	34.08' RT				1																663.42	659.12 E & W	1014	
1015	213+70.00	0.00'	1																			664.18	659.27 E & W	1015	
1016	213+70.00	34.08' LT									1											663.42	659.42 W	1016	
1017	214+94.00	40.28' RT												1								663.28	657.92 N, 658.67 E & SW	1017	
1018	214+94.00	34.08' RT				1																662.97	658.69 E & W & S	1018	
1019	215+04.00	34.05' RT																				662.95	658.77 N	1019	
1020	214+94.00	0.00' RT	1																			663.73	658.84 E & W	1020	
1021	214+94.00	34.05' LT				1																662.97	658.99 W & S	1021	
1022	215+04.00	34.08' LT									1											662.97	659.04 N	1022	
1023	215+94.00	57.95' RT																				662.70	659.12 NE	1023	
1101	184+39.08	51.56' RT							1													674.68	670.83	1101	
1102	184+64.04	70.21' RT																			ADJUST STRUCTURE	675.37	MATCH EXISTING	1102	
1103	184+93.53	51.73' RT									1											672.46	669.35	1103	
1104	184+07.00	47.00' RT	1																			672.00	666.44 S	1104	
1105	186+14.00	52.00' RT																			1		664.5	664.5	1105
2000	219+37.00	61.94' LT																			SEE CULVERT SCHEDULE		656.34		2000
2001	219+37.00	41.00' RT																				665.26	656.55 E & W, 657.40 N, 659.16 S	2001	
2002	218+21.51	41.00' RT																				664.67	657.84 S, 658.96 NE, 658.09 N	2002	
2003	218+11.00	34.08' LT									1											664.33	660.70 W	2003	
2004	218+11.01	34.08' RT				1																664.33	659.15 SW & 659.35 E	2004	
2005	217+31.51	44.00' RT																				664.16	658.68 S & N	2005	
2006	216+76.00	34.08' LT									1											663.65	660.20 SW	2006	
2007	216+99.15	60.70' RT				1																662.80	659.40 E & 659.20 S	2007	
2009	219+46.00	34.08' LT									1											665.02	659.69 E & W	2009	
2010	219+46.00	34.08' RT				1																665.02	660.71 E	2010	
2011	220+71.13	41.00' RT												1								665.93	659.60 N, 660.80 W, 659.79 S	2011	
2012	220+81.00	34.08' LT												1								665.70	662.20 W	2012	
2013	220+81.00	0.00'	1																			665.33	661.70 E & W	2013	
2014	220+81.00	34.08' RT				1																665.70	661.00 N & 661.20 E	2014	
2015	222+08.64	41.00' RT												1								666.63	660.38 N & S	2015	
2016	222+16.00	34.08' LT									1											666.38	663.00 W	2016	
2017	222+16.00	34.08' RT				1																666.38	661.58 E & N	2017	
2100	224+07.16	34.08' LT																			12" PIPE INTO CULVERT		664.50 S	2100	
2101	224+15.00	34.08' LT				1																667.39	664.51 N	2101	
2102	224+08.00	0.00'	1																			668.11	664.66 S	2102	
2103	224+10.00	34.08' RT				1																667.36	664.81 S	2103	
2200	225+50.00	64.85' LT															1						660.50 E	660.50 E	2200
2201	225+50.00	38.78' RT												1								668.38	662.62 E, 662.87 S	2201	
2202	226+05.00	40.28' RT												1								668.65	663.05 N & S, 664.00 E	2202	
2203	226+05.00	34.08' RT				1																668.34	664.03 E & W	2203	
2204	226+05.00	34.08' LT									1											668.34	664.34 W	2204	
2205	227+86.00	40.28' RT												1								669.57	663.58 N, 665.32 S, 664.08 E	2205	
2206	227+86.00	34.08' RT				1																668.40	664.10 E & W	2206	
2207	227+86.00	34.08' LT									1											668.40	664.40 W	2207	
2208	230+36.00	40.28' RT												1								673.10	668.21 N, 668.45 E	2208	
2209	230+36.00	34.08' RT				1																672.78	668.49 E & W	2209	
2210	230+36.00	34.08' LT									1											672.78	668.78 W	2210	
2300	237+33.00	41.00' RT																			15" PIPE INTO CULVERT		664.00	664.00	2300
2301	236+97.88	41.00' RT												1								668.97	664.60 N, W, & S	2301	
2302	236+85.00	34.08' LT																				668.99	665.40 W	2302	
2303	236+85.00	34.08' RT																			1	668.99	664.90 E & 664.80 S	2303	
2304	235+45.62	41.00' RT												1								672.64	666.87 S, 667.00 N	2304	
2305	235+36.00	34.08' LT									1											672.62	668.00 W	2305	
2306	235+36.00	34.08' RT				1																672.62	667.10 S & 667.20 E	2306	
2400	237+41.00	45.58' RT																			18" PIPE INTO CULVERT		663.89	663.89	2400
2401	238+24.00	45.58' RT												1								667.25	663.74 N, 664.24 S, 663.99 E	2401	
2402	238+24.00	34.08' RT				1																667.71	664.02 W, 664.27 E	2402	
2403	238+34.00	34.08' RT												1								667.71	664.31 N	2403	
2404	238+24.00	0.00'	1																			668.63	664.42 E & W	2404	
2405	238+24.00	34.08' LT				1																667.71	664.57 W & S	2405	
2406	238+34.00	34.08' LT									1											667.71	664.61 N	2406	
2407	239+60.00	40.28' RT												1								668.48	664.84 N & E	2407	
2408	239+60.00	34.08' RT				1																668.16	664.85 E & W	2408	
2409	239+60.00	34.08' LT									1											668.16	665.15 W	2409	
2500	248+91.15	54.78' RT																			1		661.15	661.15	2500
2501	248+01.90	57.69' RT																			S S TREATMENT SYSTEM LOC. NO 1	669.05	661.63 S, 659.63 N	2501	

FILE NAME =	USER NAME = IDOT	DESIGNED - EJM	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	DRAINAGE SCHEDULE	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
u:\10298\oaddd sheets\ht-drain02.dgn		DRAWN - BK	REVISED -			330	128R-3	LAKE	518	115
PLOT SCALE = 50.0000' / IN.		CHECKED - GFL	REVISED -			CONTRACT NO. 60953				
PLOT DATE = 6/11/2011		DATE - 12/17/10	REVISED -			SCALE:	SHEET NO.	OF	SHEETS	STA.

PAY ITEM NUMBER			60200805	60201105	60201340	60236200	60236600	60236800	60237470	60238700	60218400	60221100	60223800	X6020096	54213657	54213660	54213666	54213669	54213681									
DESC.	STATION	OFFSET	CATCH BASINS, INLETS AND MANHOLES												FLARED END SECTIONS					OTHER	RIM ELEV	INVERT ELEV	DESC.					
			CB TA 4 DIA T8G	CB TA 4 DIA T11F&G	CB TA 4 DIA T24F&G	INLETS TA T8G	INLETS TA T9F&G	INLETS TA T11F&G	INLETS TA T24F&G	INLETS TA W/SPL F&G R-2565-C	MAN TA 4 DIA T1F CL	MAN TA 5 DIA T1F CL	MAN TA 6 DIA T1F CL	MAN TA 6D 2-T1FCL R-PLT	PRC FLAR END SEC 12	PRC FLAR END SEC 15	PRC FLAR END SEC 21	PRC FLAR END SEC 24	PRC FLAR END SEC 36									
2502	247+20.00	47.68' RT											1												671.99	661.63 S & N, 661.70 NW, 666.80 E	2502	
2503	247+00.00	69.87' RT	1																						664.78	661.85	2503	
2504	247+20.00	40.17' RT			1																				673.14	666.84 E & W	2504	
2505	247+20.00	33.50' LT							1																671.17	667.17 W	2505	
2506	245+30.00	37.78' RT								1															672.32	661.84 S & N, 665.90 E	2506	
2507	245+30.00	7.92' RT			1																				671.49	666.03 E & W	2507	
2508	245+30.00	0.00'	1																						671.43	666.07 E & W	2508	
2509	245+30.00	33.50' LT							1																670.22	666.22 W	2509	
2510	243+40.00	38.78' RT								1															671.02	662.07 S, 663.94 N, 665.33 E	2510	
2511	243+40.00	7.92' RT			1																				670.54	665.47 E & W	2511	
2512	243+40.00	34.08' LT								1															669.66	665.66 W	2512	
2513	241+50.00	40.28' RT								1															669.43	664.78 S & E	2513	
2514	241+50.00	34.08' RT			1																				669.11	664.80 E & W	2514	
2515	241+50.00	0.00'	1																						670.03	664.95 E & W	2515	
2516	241+50.00	34.08' LT								1															669.10	665.10 W	2516	
2517	247+29.78	66.90' RT								1															671.94	666.23 W & S	2517	
2600	249+43.53	54.88' RT																1							667.30	663.07 N & S, 663.30 E	2600	
2601	249+89.92	52.00' RT								1															673.79	664.30 W, 667.72 E	2601	
2602	249+90.00	7.92' RT			1																				672.57	668.57 W	2602	
2603	249+90.00	34.08' LT																										2603
2604	251+00.00	52.00' RT																							S S TREATMENT SYSTEM LOC.NO 2	668.05	664.10 N, 661.60 S	2604
2605	251+25.00	52.00' RT										1													668.71	664.10 N, 663.60 S, 664.71 E	2605	
2606	251+25.00	7.92' RT			1																				674.61	665.87 W, 668.75 E	2606	
2607	251+25.00	1.78' RT	1																						674.69	668.85 E & W	2607	
2608	251+25.00	34.08' LT								1															673.39	669.39 W	2608	
2609	252+50.00	47.58' RT									1														677.29	663.75 N & S, 670.37 E	2609	
2610	252+50.00	7.92' RT			1																				676.41	670.77 E & W	2610	
2611A	252+65.00	34.08' LT								1															675.50	671.5 N	2611A	
2611	252+50.00	34.08' LT								1															675.19	671.19 S W	2611	
2612	254+50.00	38.78' RT									1														683.39	664.07 N, 679.14 S, 676.30 E	2612	
2613	254+50.00	7.92' RT			1																				682.26	676.60 E & W	2613	
2614A	254+60.00	34.08' LT									1														681.42	687.42 N	2614A	
2614	254+50.00	34.08' LT																							681.03	677.03 S W	2614	
2615	255+83.43	34.87' RT									1														688.40	681.77 N, 684.07 N, 684.32 W	2615	
2616	255+83.40	42.72' RT			1																				688.35	684.35 W, 684.85 S	2616	
2617	256+36.69	40.04' RT									1														690.64	685.94 N	2617	
2618	257+00.00	38.78' RT									1														693.63	686.40 N, 686.65 E, 689.93 W, 687.05 S	2618	
2619	257+00.00	54.57' RT													1										690.27	690.27	2619	
2620	257+00.00	7.92' RT			1																				692.62	687.19 E & W	2620	
2621	257+00.00	34.08' LT									1														691.38	687.38 W	2621	
2622	259+50.00	38.78' RT										1													701.37	693.36 N, 694.86 S & E	2622	
2623	259+50.00	7.92' RT			1																				700.61	695.17 E & W	2623	
2624	259+50.00	2.67' RT	1																						700.94	695.22 E & W	2624	
2625	259+50.00	34.08' LT										1													699.59	695.59 W	2625	
2626	260+90.00	40.75' RT									1														703.26	696.95 N & E	2626	
2627	260+90.00	34.55' RT			1																				702.86	697.70 E & W	2627	
2628	260+90.00	34.08' LT										1													702.38	698.38 W	2628	
2700	465+28.00	80.00' LT									1														2' SUMP	677.00	670.40 S, 660.30 N	2700
2701	465+25.00	52.58' LT										1													2' SUMP	687.50	678.50 W, 670.50 N, 683.25 S	2701
2702	462+66.00	54.08' LT										1													701.56	685.09 E, 696.54 S, 691.67 W	2702	
2703	462+66.00	48.08' LT											1												700.61	696.61 N	2703	
2704	461+21.32	54.12' LT											1												705.34	693.81 E & W	2704	
2705	459+08.46	66.75' LT																							ADJUST STRUCTURE	706.11	EX701.98W, EX698.48SW, 695.99E, 696.49N	2705
2706	271+25.00	41.69' RT									1														706.06	696.56 N & S, 701.94 W, 701.59 E	2706	
2707	271+25.00	49.26' RT			1																				705.98	701.98 E	2707	
2708	271+25.00	50.61' LT																							706.00	702.00 W	2708	
2709	269+95.00	42.04' RT										1													705.65	696.83 S & N, 701.29 W, 701.44 E	2709	
2710	269+95.00	49.08' RT			1																				705.32	701.32 E	2710	
2711	269+95.00	43.23' LT											1												705.81	701.81 W	2711	
2712	269+05.00	42.06' RT												1											705.38	697.05 S & N, 701.20 W, 701.05 E	2712	
2713	269+05.00	49.08' RT			1																				705.24	701.24 E	2713	
2714	269+39.50	12.48' LT			1																				706.16	701.33 NE & NW	2714	
2715	269+05.00	43.08' LT																							705.54	701.54 SW	2715	
2716	268+05.00	41.75' RT										1													705.05	697.35 S & N, 701.03 W, 700.86 E	2716	
2717	268+05.00	47.95' RT			1																				704.98	701.05 E	2717	
2718	268+05.00	43.08' LT																							705.24	701.24 W	2718	
2719	266+80.00	47.01' RT										1													705.16	697.66 S & N, 700.47 E	2719	
2720	266+80.00	40.81' RT			1																				704.77	700.49 W & E	2720	
2721	266+80.00	42.34' LT																							704.87	700.87 W	2721	

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PAY ITEM NUMBER		20800150	542C0226	550A0050	550A0340	550A0070	550A0360	550A0090	550A0380	550A0110	550A0400	550A0120	550A0410	550A0140	550A0430	550A0160	550A0450	550A0180	550A0470	STRUCTURE		
		TRENCH	21"	12"	15"	18"	21"	24"	30"	36"	42"									FROM	TO	
		BACKFILL	CLASS C	CLASS A	CLASS A	CLASS A	CLASS A	CLASS A	CLASS A	CLASS A	CLASS A											
STRUCTURE			TYPE 1	TYPE 1	TYPE 2	TYPE 1	TYPE 2	TYPE 1	TYPE 2	TYPE 1	TYPE 2	TYPE 1	TYPE 2	TYPE 1	TYPE 2	TYPE 1	TYPE 2	TYPE 1	TYPE 2	TYPE 1	TYPE 2	
FROM	TO	CU YD	FEET	FEET	FEET	FEET	FEET	FEET	FEET	FEET	FEET	FEET	FEET	FEET	FEET	FEET	FEET	FEET	FEET	FEET	FEET	
304	303	4.13			6																304	303
305	304	25.61			68																305	304
306	303	257.43					200														306	303
307	306	4.04			6																307	306
308	307	23.06			34																308	307
309	308	21.2			34																309	308
310	306	154.58					175														310	306
311	310	1.76			4.5																311	310
312	311	24.26			68																312	311
404	403	21.23			34																404	403
501	502	2.71		10																	501	502
502	507								86												502	507
503	504				41																503	504
504	507						33														504	507
507	604								59												507	604
601	602				66																601	602
602	604				5																602	604
603	604				3																603	604
604	702 A												102								604	702 A
701	702				66																701	702
702	702 A				5																702	702 A
702 A	704												105								702 A	704
703	T704				20																703	T704
704	CL														38						704	CL
801	999	0																			801	999
802	801	21.5																			802	801
803	1000	13.22			25																803	1000
902	901	3.76			10																902	901
904	903	21.01			34																904	903
905	904	3.44			10																905	904
1000	802	60.3											37								1000	802
1004	1000	839.66											425								1004	1000
1001	1002	26.14			34																1001	1002
1002	1003	26.96			34																1002	1003
1003	1004	3.47			4.5																1003	1004
1005	1004	222.87											115								1005	1004
1006	1005	556.89											370								1006	1005
1007	1006	1.76			4.5																1007	1006
1008	1007	24.26			68																1008	1007
1009	1006	158.3										131									1009	1006
1010	1009	1.59			4.5																1010	1009
1011	1010	13.36			34																1011	1010
1012	1011	12.52			34																1012	1011
1013	1009	133.76										130									1013	1009
1014	1013	1.75			4.5																1014	1013
1015	1014	21.5			34																1015	1014
1016	1015	13.22			34																1016	1015
1017	1013	107.88										125									1017	1013
1018	1017	1.74			4.5																1018	1017
1019	1018	3.65			10																1019	1018
1020	1018	21.39			34																1020	1018
1021	1020	13.14			34																1021	1020
1022	1021	3.36			10																1022	1021
1023	1017	36.31			103																1023	1017
1101	1102	0			38																1101	1102
1103	1102	0			38																1103	1102
2002	2001	0					113														2002	2001
2003	2004	0			68																2003	2004
2004	2002	43.93			10																2004	2002
2005	2002	0			88																2005	2002
2007	2005	0			34																2007	2005
2006	2007	37.23			97																2006	2007
2010	2001	0					9														2010	2001
2009	2010	45.35			68																2009	2010
2011	2001	0					132														2011	2001
2014	2011	0			9																2014	2011
2012	2013	22.46			34																2012	2013
2013	2014	12.56			34																2013	2014

PAY ITEM NUMBER		20800150	542C0226	550A0050	550A0340	550A0070	550A0360	550A0090	550A0380	550A0110	550A0400	550A0120	550A0410	550A0140	550A0430	550A0160	550A0450	550A0180	550A0470	STRUCTURE	
		TRENCH	21"	12"	15"	18"	21"	24"	30"	36"	42"									FROM	TO
		BACKFILL	CLASS C	CLASS A		CLASS A		CLASS A		CLASS A		CLASS A		CLASS A		CLASS A		CLASS A			
FROM	TO	CUYD	TYPE 1	TYPE 1	TYPE 2	TYPE 1	TYPE 2	TYPE 1	TYPE 2	TYPE 1	TYPE 2	TYPE 1	TYPE 2	TYPE 1	TYPE 2	TYPE 1	TYPE 2	TYPE 1	TYPE 2	FROM	TO
2015	2011	0			134															2015	2011
2016	2015	0			11.5															2016	2015
2017	2016	50.64			68															2017	2016
2101	2100	0		2.5																2101	2100
2102	2101	8.58		34																2102	2101
2103	2102	8.05		34																2103	2102
2200	2201	0									103									2200	2201
2202	2201	45.22						55												2202	2201
2203	2202	1.76			4.5															2203	2202
2204	2203	24.29			68															2204	2203
2205	2202	156.72							181											2205	2202
2206	2205	3.06			4.5															2206	2205
2207	2206	24.26			68															2207	2206
2208	2205	159.52					250													2208	2205
2209	2208	1.76			4.5															2209	2208
2210	2209	24.22			68															2210	2209
2301	2300	0					48													2301	2300
2302	2301	4.33			11.5															2302	2301
2303	2302	24.36			68															2303	2302
2304	2301	0			149															2304	2301
2305	2304	4.16			11.5															2305	2304
2306	2305	24.29			68															2306	2305
2401	2400	25.27						83												2401	2400
2402	2401	3.36				11.5														2402	2401
2403	2402	2.8		10																2403	2402
2404	2402	10.97			34															2404	2402
2405	2404	10.44			34															2405	2404
2406	2405	2.49			10															2406	2405
2407	2401	36.75		136																2407	2401
2408	2407	1.29		4.5																2408	2407
2409	2408	17.2		68																2409	2408
2501	2500	0								92										2501	2500
2502	2501	144.48										84								2502	2501
2503	2502	0				30														2503	2502
2504	2502	6.11			7.5															2504	2502
2505	2504	53.27			74															2505	2504
2506	2502	375.7												195						2506	2502
2507	2506	25.4			30															2507	2506
2508	2507	6.02			7.9															2508	2507
2509	2508	21.59			33.5															2509	2508
2510	2506	341.21													193					2510	2506
2511	2510	22.7			30															2511	2510
2512	2511	26.09			42															2512	2511
2513	2510	158.56			190															2513	2510
2514	2513	1.84			4.7															2514	2513
2515	2514	21.99			34															2515	2514
2516	2515	21.15			34															2516	2515
2601	2600	0										48								2601	2600
2602	2601	39.03			40															2602	2601
2603	2602	29.46			42															2603	2602
2604	2601	0										114								2604	2601
2605	2604	0								25										2605	2604
2606	2605	35.71			39															2606	2605
2607	2606	4.99			6															2607	2606
2608	2607	24.59			36															2608	2607
2609	2605	0																	128	2609	2605
2610	2609	36.04			40															2610	2609
2611	2610	28.01			42															2611	2610
2612	2609	712.52														204				2612	2609
2613	2612	28.41			31															2613	2612
2614	2613	28.08			42															2614	2613
2615	2612	165.37						136												2615	2612
2616	2615	2.59			7.5															2616	2615
2617	2616	19.33			55															2617	2616
2618	2615	99.78								118										2618	2615
2619	2618	1.85		16																2619	2618
2620	2618	27.56			31															2620	2618
2621	2620	27.3			42															2621	2620
2622	2618	270.22			254															2622	2618
2623	2622	26.42			31															2623	2622

FILE NAME =
 \\102981\oadd sheets\shd-drain07.dgn

USER NAME = IDOT
 PLOT SCALE = 50.0000' / IN.
 PLOT DATE = 8/11/2011

DESIGNED - EJM
 DRAWN - BK
 CHECKED - GFL
 DATE - 12/17/10

REVISED -
 REVISED -
 REVISED -
 REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

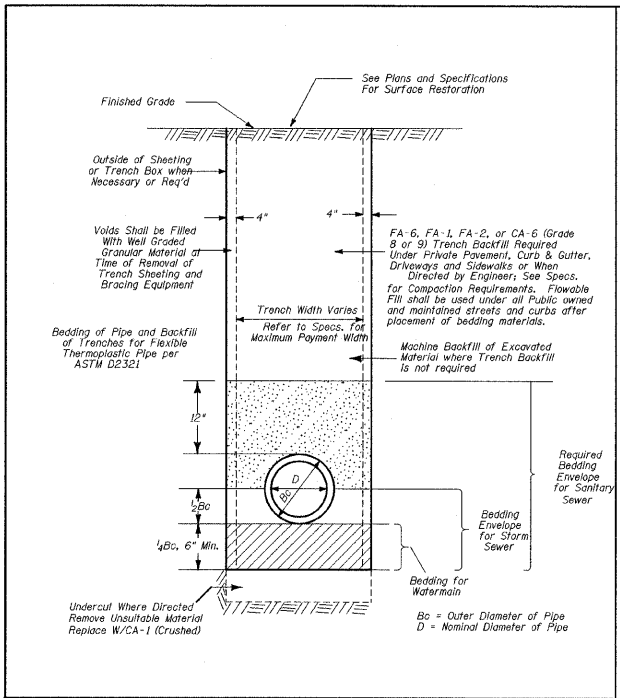
DRAINAGE SCHEDULE

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
330	128R-3	LAKE	518	120
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT			CONTRACT NO. 60953	

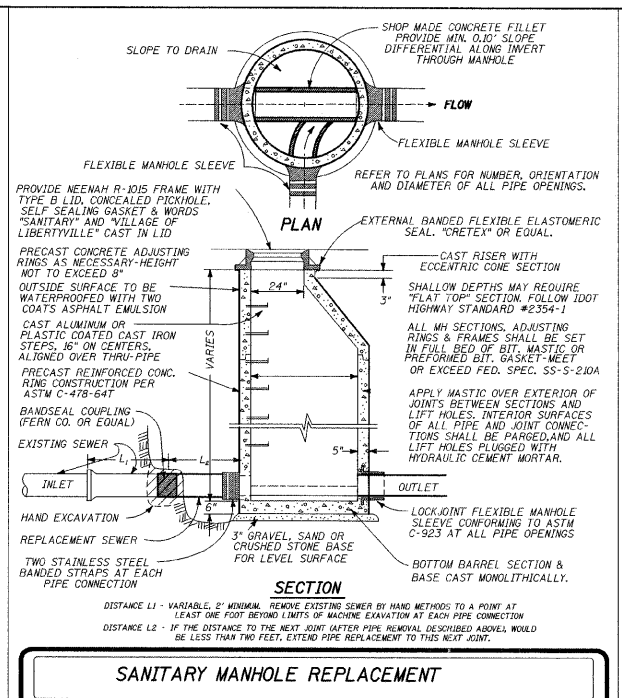
PAY ITEM NUMBER		20800150	542C0226	550A0050	550A0340	550A0070	550A0360	550A0090	550A0380	550A0110	550A0400	550A0120	550A0410	550A0140	550A0430	550A0160	550A0450	550A0180	550A0470		
		21"		12"		15"		18"		21"		24"		30"		36"		42"			
STRUCTURE		TRENCH BACKFILL	CLASS C		CLASS A		CLASS A		CLASS A		CLASS A		CLASS A		CLASS A		CLASS A		STRUCTURE		
FROM	TO	CU YD	TYPE 1	TYPE 1	TYPE 2	TYPE 1	TYPE 2	TYPE 1	TYPE 2	TYPE 1	TYPE 2	TYPE 1	TYPE 2	TYPE 1	TYPE 2	TYPE 1	TYPE 2	TYPE 1	TYPE 2	FROM	TO
2624	2623	4.14			5.25															2624	2623
2625	2624	24.91			37															2625	2624
2626	2622	129.99			141															2626	2622
2627	2626	3.41			4.5															2627	2626
2628	2627	42.73			68															2628	2627
2701	2700	0													58					2701	2700
2702	2701	0														233				2702	2701
2703	2702	2.78			4.5															2703	2702
2704	2702	299.22															145			2704	2702
2705	2704	450.34														214				2705	2704
2706	2705	62.39												36						2706	2705
2707	2706	2.43			7															2707	2706
2708	2706	34			93															2708	2706
2709	2706	213.58													130					2709	2706
2710	2709	2.52			7															2710	2709
2711	2709	29.92			85															2711	2709
2712	2709	130.69											90							2712	2709
2713	2712	2.45			7															2713	2712
2714	2712	40.22			64															2714	2712
2715	2714	17.69			46															2715	2714
2716	2712	133.81											100							2716	2712
2717	2716	1.54			4.5															2717	2716
2718	2716	30.18			86															2718	2716
2719	2716	153.34								125										2719	2716
2720	2719	1.76			4.5															2720	2719
2721	2720	29.52			83															2721	2720
2722	2719	53.29								45										2722	2719
2723	2722	3.17			4.5															2723	2722
2724	2723	53.42			85															2724	2723
2725	2724	30.94			87															2725	2724
2726	2722	174.36								160										2726	2722
2727	2726	2.81			4.5															2727	2726
2728	2727	26.51			74															2728	2727
2729	2726	116.21								125										2729	2726
2730	2729	2.8			4.5															2730	2729
2731	2730	25.01			70															2731	2730
2732	2729	97.34								125										2732	2729
2733	2732	2.79			4.5															2733	2732
2734	2733	24.61			69															2734	2733
2736	2735	7.57								12										2736	2735
2737	2736	3.44			10															2737	2736
2738	2735	34.82								51										2738	2735
2739	2738	2.28			6															2739	2738
2740	2738	22.71								36										2740	2738
2741	2740	3.44			10															2741	2740
2742	2735	107.01											129.5							2742	2735
2743	2742	76.73											98							2743	2742
2744	2743	7.7			21															2744	2743
2745	2743	40.28			65															2745	2743
2746	2743	84.87								118										2746	2743
2747	2746	6.99																		2747	2746
2748	2747	4.6			18															2748	2747
2749	2748	2.4			10															2749	2748
2750	2746	21.5								65										2750	2746
2751	2750	2.33			10															2751	2750
2752	2746	37.15								91										2752	2746
2753	2752	3.68			13															2753	2752
2754	2752	18.92			70															2754	2752
2755	2752	34.27								113										2755	2752
2756	2755	3.63			13															2756	2755
2757	2755	17.86			67															2757	2755
2758	2755	42.5								184										2758	2755
2759	2758	19.2			74															2759	2758
2801	2800	46.87			58															2801	2800
2802	2801	35.02			54															2802	2801
2900	2899	86.69											68							2900	2899
2901	2900	294.51											231							2901	2900
2902	2901	5.14			8															2902	2901
2903	2902	22.51			66															2903	2902
2904	2902	33.76			99															2904	2902

PAY ITEM NUMBER		20800150	542C0226	550A0050	550A0340	550A0070	550A0360	550A0090	550A0380	550A0110	550A0400	550A0120	550A0410	550A0140	550A0430	550A0160	550A0450	550A0180	550A0470		
		21"		12"		15"		18"		21"		24"		30"		36"		42"			
STRUCTURE		TRENCH	CLASS C	CLASS A		CLASS A		CLASS A		CLASS A		CLASS A		CLASS A		CLASS A		CLASS A		STRUCTURE	
FROM	TO	BACKFILL	TYPE 1	TYPE 1	TYPE 2	TYPE 1	TYPE 2	TYPE 1	TYPE 2	TYPE 1	TYPE 2	TYPE 1	TYPE 2	TYPE 1	TYPE 2	TYPE 1	TYPE 2	TYPE 1	TYPE 2	FROM	TO
2905	2899	0											226							2905	2899
2906	2902	0			30															2906	2902
2907	2906	12.96			38															2907	2906
2908	2905	48.49						69												2908	2905
2909	2908	0			145															2909	2908
2910	2909	0			8															2910	2909
2911	2910	7.7			21															2911	2910
2912	2908	87.43						138												2912	2908
2913	2912				32															2913	2912
2914	2912	16.66			7															2914	2912
2915	2917	33.77					42													2915	2917
2916	2912						215													2916	2912
2917	2916	2.29					33													2917	2916
2919	2916	89.83			123															2919	2916
2920	2921				30															2920	2921
2921	2919				6															2921	2919
2922	2919	77.66			118															2922	2919
2923	2924				30															2923	2924
2924	2922				8															2924	2922
3002	3103	0														71				3002	3103
3100	3200	19.00														76				3100	3200
3101	3100	0															150			3101	3100
3102	3101	0															180			3102	3101
3103	3102	0															136			3103	3102
3201	3200											79								3201	3200
3202	3201	3.09			5															3202	3201
3203	3202	21.34			60															3203	3202
3204	3201	36.91										250								3204	3201
3205	3204	3.29			9															3205	3204
3206	3102	0			10															3206	3102
3207	3204	0										230								3207	3204
3208	3207	4.12			6.5															3208	3207
3209	3209A	7.84			28															3209	3209A
3209A	2701	0			14															3209A	2701
CTRL	3207	47.26										120								CTRL	3207
3210	CTRL	0															105			3210	CTRL
3211	3210	2.87			7.5															3211	3210
3212	3211	10.91			32															3212	3211
3213	3210	0								116										3213	3210
3214	3213	7.55			20															3214	3213
3215	3213	126.11								142										3215	3213
3216	3215	74.01			113															3216	3215
3217	3215	4.41			12															3217	3215
3218A	3218	21.5			63															3218A	3218
3218	3217	13.64			40															3218	3217
3219	3215	32.04						76												3219	3215
3220	3219	11.25			33															3220	3219
3221	3220	10.91			32															3221	3220
3222	3219	81.61					130													3222	3219
3223	3222	2.39			6.5															3223	3222
3224A	3224	21.14			62															3224A	3224
3224	3223	10.23			30															3224	3223
3225	3222	40.67					99													3225	3222
3226	3225	2.4			6.5															3226	3225
3227	3226	10.57			31															3227	3226
3228	3226	47.06			138															3228	3226
3229	3230				10															3229	3230
3230	2901				23															3230	2901
3231	3232				10															3231	3232
3232	T2900				22															3232	T2900
3233	2900				13															3233	2900
3234	2901				13															3234	2901
TOTAL		11173.54	0	671.5	6684.85	536.5	2000	173	814	92	1195	162	2753.5	0	592	147	1366	105	128	TOTAL	



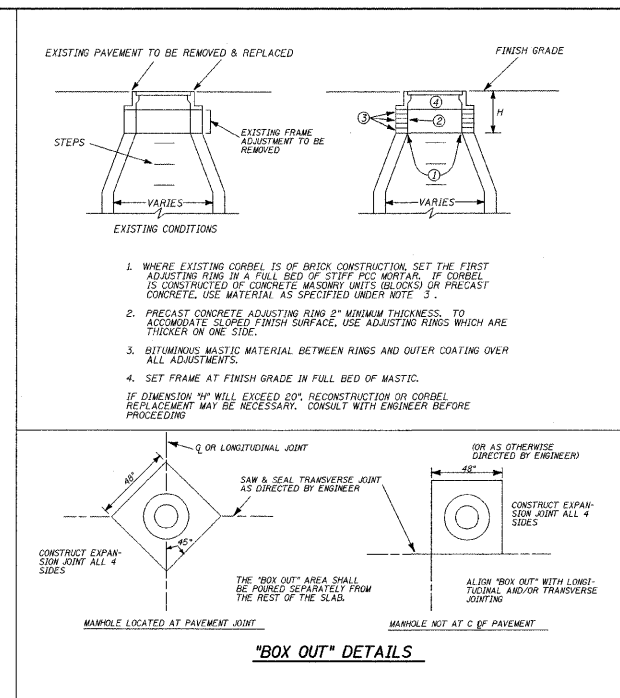
TYPICAL TRENCH AND BEDDING DETAIL

ENGINEERING DIVISION VILLAGE OF LIBERTYVILLE
 CELL LIBRARY DTLS3.CEL
 DTLS3.CEL
 CELL NAME DT1.024
 DTLS3.CEL
 DTLS3.CEL
 STANDARD NO. 024



SANITARY MANHOLE REPLACEMENT

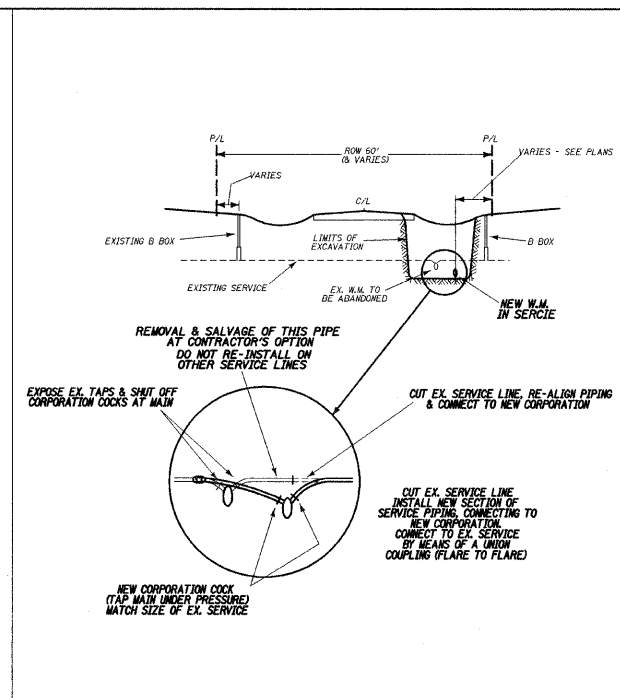
Issued 02-30-97
 By PLS
 Revised 02-28-98
 Date 02-28-98
 Approved by MLK
 VILLAGE OF LIBERTYVILLE
 DEPARTMENT OF PUBLIC WORKS
 ENGINEERING DIVISION
 STANDARD NO. 027



"BOX OUT" DETAILS

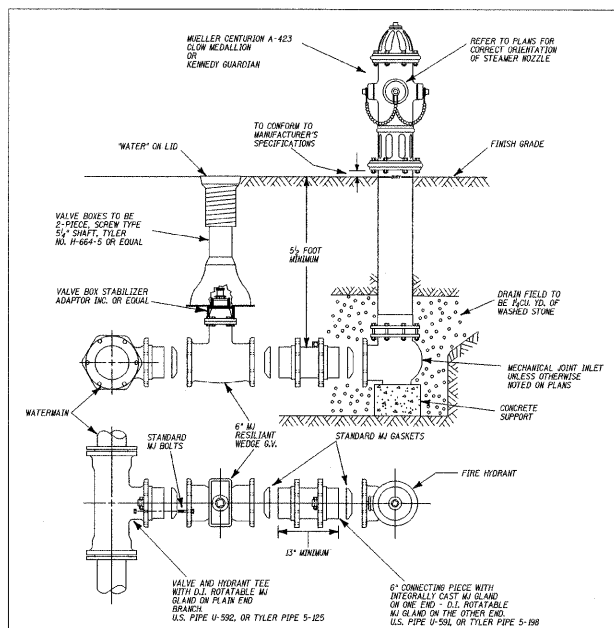
SANITARY MANHOLE FRAME ADJUSTMENT

ENGINEERING DIVISION VILLAGE OF LIBERTYVILLE
 CELL LIBRARY DTLS3.CEL
 DTLS3.CEL
 CELL NAME DT1.028
 DTLS3.CEL
 DTLS3.CEL
 STANDARD NO. 028



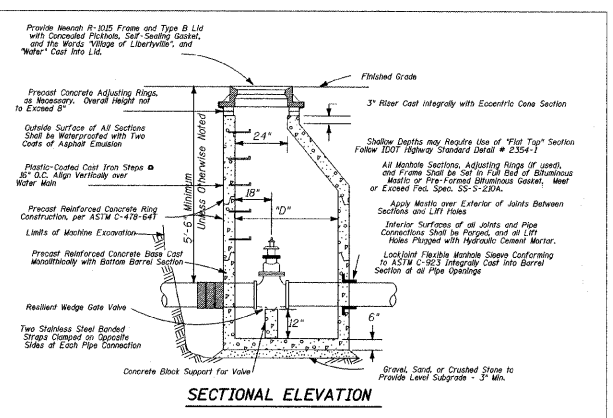
SERVICE RE-CONNECTIONS

ENGINEERING DIVISION VILLAGE OF LIBERTYVILLE
 CELL LIBRARY DTLS4.CEL
 DTLS4.CEL
 CELL NAME DT1.036
 DTLS4.CEL
 DTLS4.CEL
 STANDARD NO. 036



TYPICAL HYDRANT INSTALLATION

Issued 07-97
 By PLS
 Revised 02-28-98
 Date 02-28-98
 Approved by MLK
 VILLAGE OF LIBERTYVILLE
 DEPARTMENT OF PUBLIC WORKS
 ENGINEERING DIVISION
 STANDARD NO. 018



NOTES:

- Dimension "D" shall be 48" when Watermain is Less Than 10" in Diameter, and 60" when Diameter of Main is 10" or Larger.
- For Valve Vaults Constructed Over Existing Mains, Such as at Pressure Connections or for Valve Insertions, Refer to Pressure Connection Detail.
- The Contract Unit Price For "Valve Vault" Shall Include the Cost of Furnishing and Placing 3" Leveling Base as Specified, and the Cost of Furnishing and Placing the Specified Frame and Cover.
- Frame Opening Shall be Aligned Over Operating Nut so that Valve can be Keyed Without Twist of Torque.

WATERMAIN VALVE VAULT

Issued 1-27-98
 By PLS
 Revised 02-28-98
 Date 02-28-98
 Approved by MLK
 VILLAGE OF LIBERTYVILLE
 DEPARTMENT OF PUBLIC WORKS
 ENGINEERING DIVISION
 STANDARD NO. 017

SUMMARY OF QUANTITIES

WATER MAIN

ITEM NUMBER	DESCRIPTION	UNIT	TOTAL QUANTITY
20800250	TRENCH BACKFILL, SPECIAL	CU YD	352
56103000	DUCTILE IRON WATER MAIN 8"	FOOT	463
56103100	DUCTILE IRON WATER MAIN 8"	FOOT	746
56103200	DUCTILE IRON WATER MAIN 10"	FOOT	353
56103300	DUCTILE IRON WATER MAIN 12"	FOOT	212
56104900	WATER VALVES 6"	EACH	1
56105000	WATER VALVES 8"	EACH	6
56105100	WATER VALVES 10"	EACH	1
56105200	WATER VALVES 12"	EACH	1
56200700	WATER SERVICE LINE 2"	FOOT	610
56201800	CORPORATION STOPS 2"	EACH	14
56400500	FIRE HYDRANTS TO BE REMOVED	EACH	5
56400820	FIRE HYDRANT WITH AUXILIARY VALVE AND VALVE BOX	EACH	3
56500800	DOMESTIC WATER SERVICE BOXES	EACH	14
60248900	VALVE VAULTS, TYPE A, 5'-DIAMETER, TYPE 1 FRAME, CLOSED LID	EACH	9
X5610004	DUCTILE IRON WATER MAIN FITTINGS	POUND	2385
X5610706	WATER MAIN REMOVAL, 8"	FOOT	496
X5610708	WATER MAIN REMOVAL, 8"	FOOT	935
X5610710	WATER MAIN REMOVAL, 10"	FOOT	27
X5610712	WATER MAIN REMOVAL, 12"	FOOT	250
X6026622	VALVE VAULTS TO BE REMOVED	EACH	5

* INDICATES SPECIAL PROVISION

SANITARY SEWER

ITEM NUMBER	DESCRIPTION	UNIT	TOTAL QUANTITY
20800250	TRENCH BACKFILL, SPECIAL	CU YD	750
X0326658	CURED-IN-PLACE PIPE LINER, 10"	FOOT	777
X0326713	SANITARY SEWER CONNECTION	EACH	7
X0487800	SANITARY SEWER REMOVAL 12"	FOOT	486
X6022820	MANHOLES, SANITARY, 5'-DIAMETER, TYPE 1 FRAME, CLOSED LID	EACH	6
X6026054	SANITARY MANHOLES TO BE REMOVED	EACH	3
Z0056800	SANITARY SEWER 6"	EACH	70
Z0057100	SANITARY SEWER 12"	FOOT	466

FILE NAME = N:\LIBERTYVILLE\10094\Civil\shht-dtd1 - Copy.dgn
 USER NAME = esidorozuk

DESIGNED - EJMJ
 DRAWN - BK
 CHECKED - GFL
 DATE - 2/28/2011

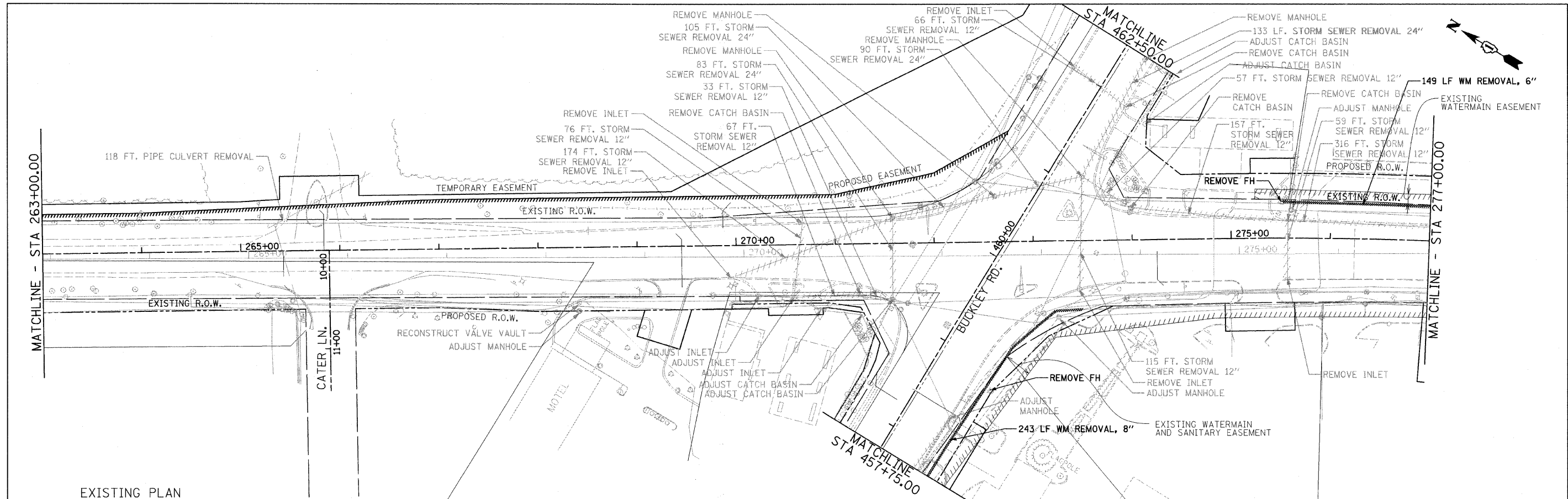
REVISED -
 REVISED -
 REVISED -
 REVISED -

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

WATER MAIN AND SANITARY SEWER DETAILS
 IL RTE 21 (MILWAUKEE AVE)

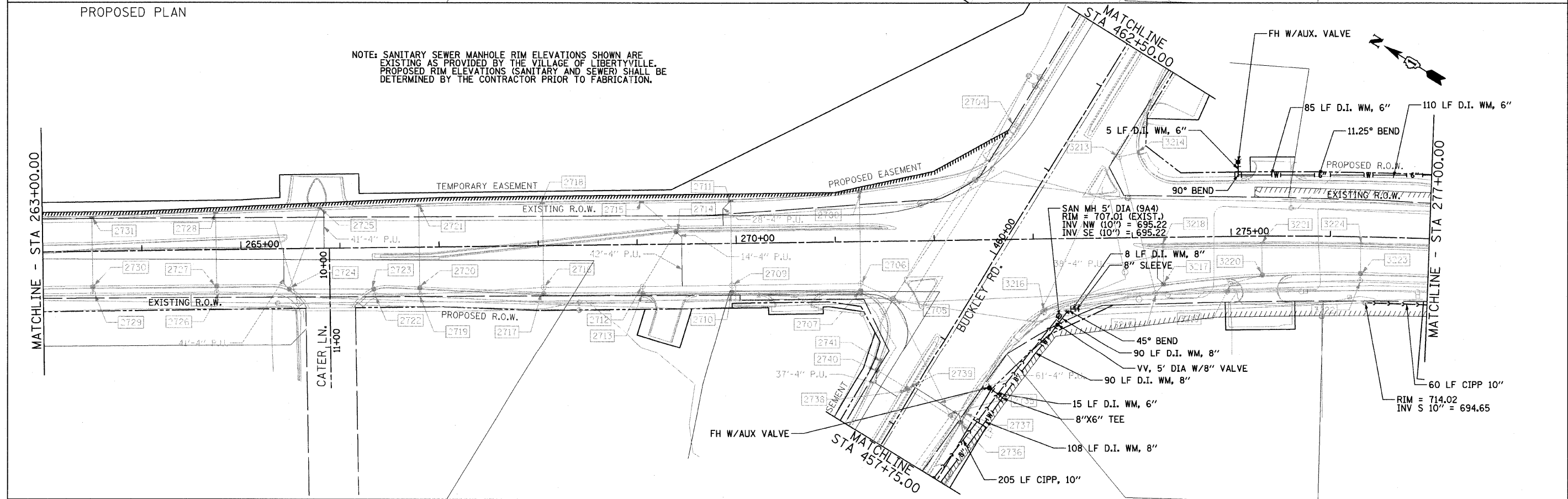
SCALE: NTS SHEET NO. OF SHEETS STA. TO STA.

F.A.P. RTE. 330 SECTION 128R-3 COUNTY LAKE TOTAL SHEETS 124 SHEET NO. 124 CONTRACT NO. 60953 ILLINOIS FED. AID PROJECT

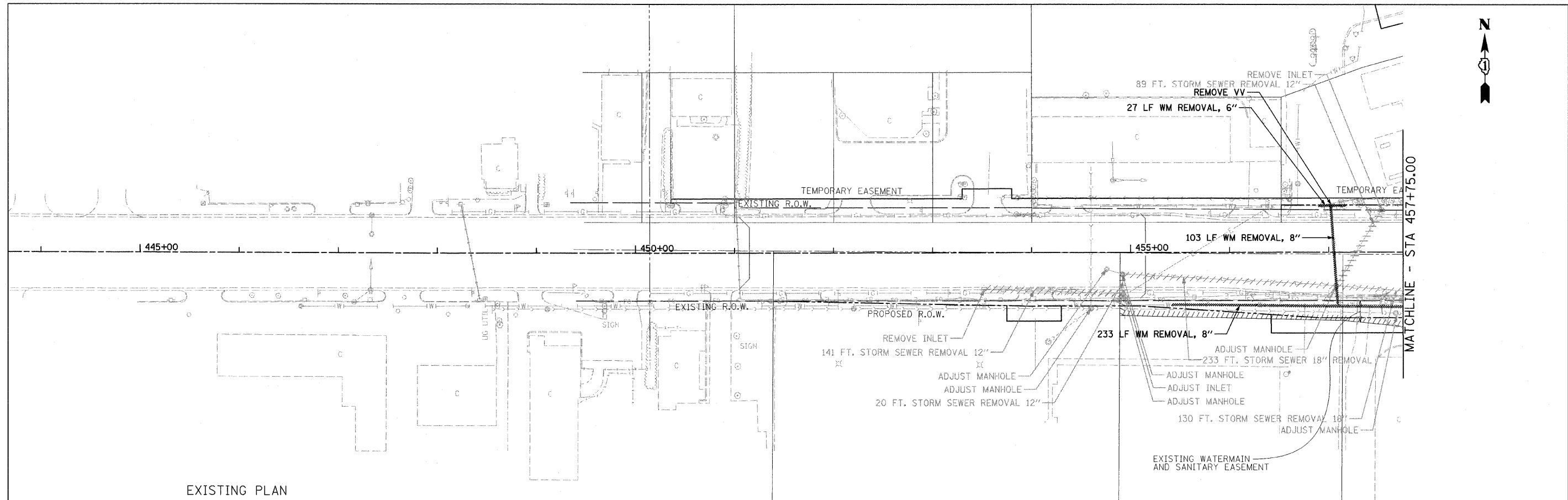


EXISTING PLAN
PROPOSED PLAN

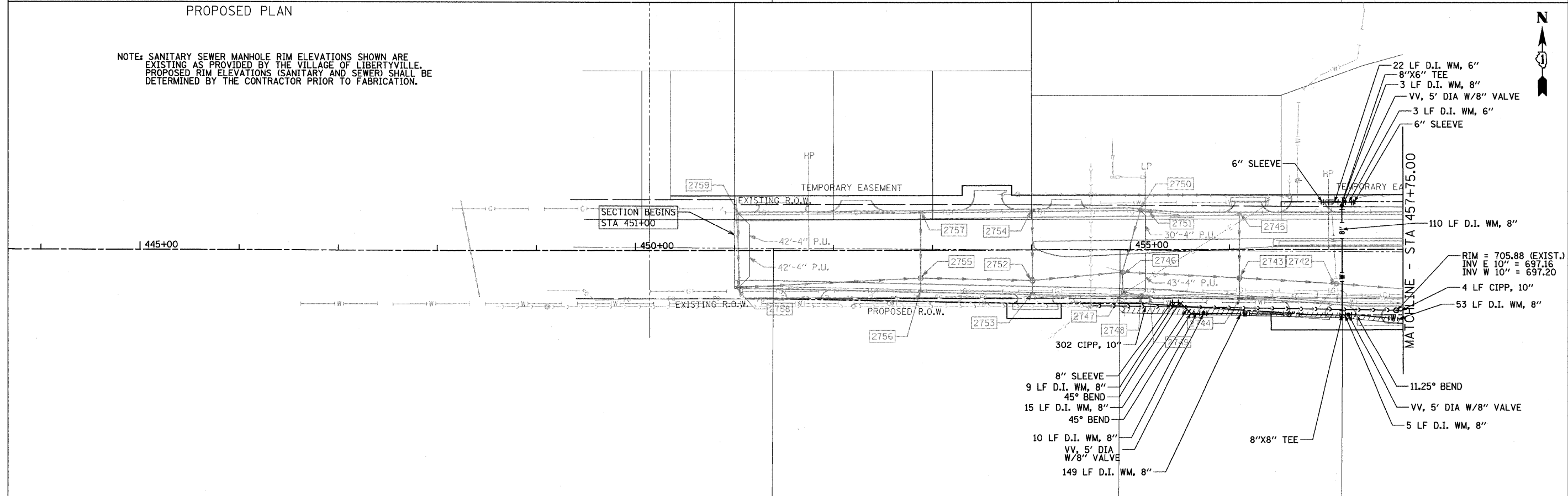
NOTE: SANITARY SEWER MANHOLE RIM ELEVATIONS SHOWN ARE EXISTING AS PROVIDED BY THE VILLAGE OF LIBERTYVILLE. PROPOSED RIM ELEVATIONS (SANITARY AND SEWER) SHALL BE DETERMINED BY THE CONTRACTOR PRIOR TO FABRICATION.



FILE NAME =	USER NAME = esidorczuk	DESIGNED - EJM	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	WATER MAIN AND SANITARY SEWER PLAN IL RTE 21 (MILWAUKEE AVE)			F.A.P. RTE. 330	SECTION 128R-3	COUNTY LAKE	TOTAL SHEETS 125	SHEET NO. 125
N:\LIBERTYVILLE\110094\Cvsl\shst-drain07.dgn		DRAWN - BK	REVISED -		SCALE: 1" = 50'	SHEET NO. OF SHEETS	STA. 263+00.00 TO STA. 277+00.00	CONTRACT NO. 60953				
PLOT SCALE = 5/8"		CHECKED - CFL	REVISED -		ILLINOIS FED. AID PROJECT							
PLOT DATE = 8/8/2011		DATE - 2/28/2011	REVISED -									

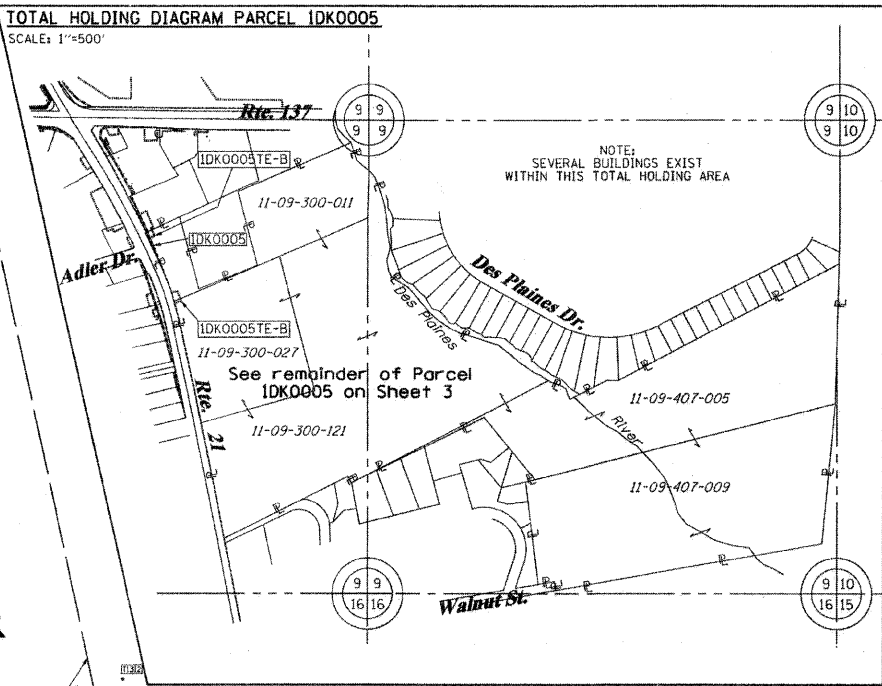
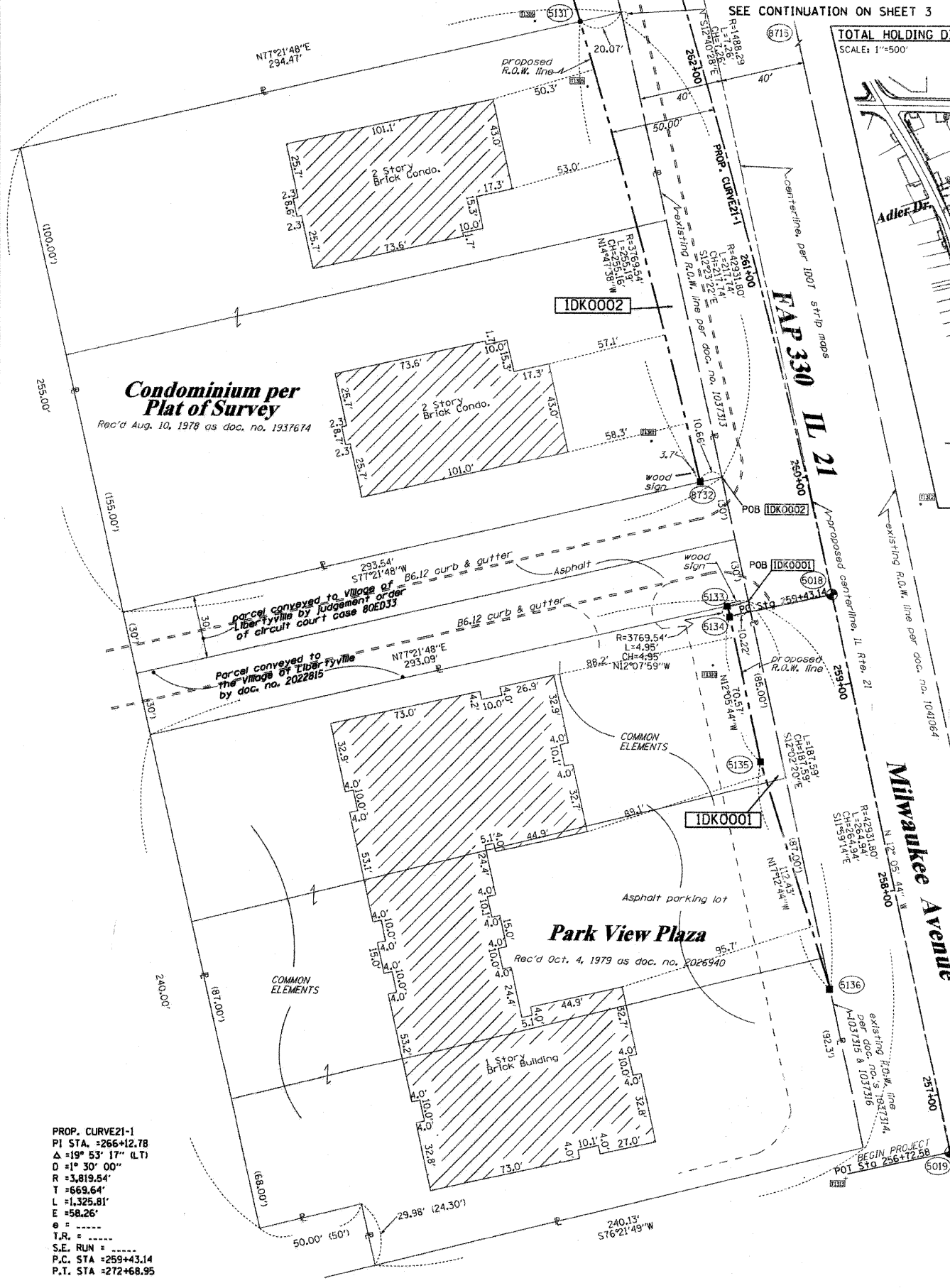


NOTE: SANITARY SEWER MANHOLE RIM ELEVATIONS SHOWN ARE EXISTING AS PROVIDED BY THE VILLAGE OF LIBERTYVILLE. PROPOSED RIM ELEVATIONS (SANITARY AND SEWER) SHALL BE DETERMINED BY THE CONTRACTOR PRIOR TO FABRICATION.



FILE NAME =	USER NAME = esidorczuk	DESIGNED - EJM	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	WATER MAIN AND SANITARY SEWER PLAN IL RTE 137 (BUCKLEY RD)	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
N:\LIBERTYVILLE\110094\Civil\shtr\drain09.dgn		DRAWN - BK	REVISED -			330	128R-3	LAKE	127		
PLOT SCALE = 50'		CHECKED - GFL	REVISED -			SCALE: 1" = 50'		SHEET NO. OF SHEETS		STA. 444+90.00 TO STA. 457+75.00	
PLOT DATE = 8/8/2011		DATE - 2/28/2011	REVISED -			CONTRACT NO. 60953		ILLINOIS FED. AID PROJECT			

PART OF THE SW1/4 OF SECTION 9, TWP. 44 N., R. 11 E. OF THE 3RD. P.M., IN LAKE COUNTY, ILLINOIS.



COORDINATE TABLE

STATION	OFFSET	PTH	NORTH	EAST	PLAN STATION	
259+43.14	0.00'	RT.	5018	2052889.072	1085826.961	288+29.44
256+72.59	0.00'	RT.	5019	2052624.526	1085883.652	291+00.00
262+37.12	50.00'	LT.	5131	2053159.669	1085706.424	285+35.45
259+48.15	50.00'	LT.	5133	2052883.434	1085777.030	288+24.43
259+43.14	50.00'	LT.	5134	2052878.594	1085778.071	288+29.44
258+72.57	50.00'	LT.	5135	2052809.596	1085792.857	289+00.01
257+60.59	39.97'	LT.	5136	2052702.205	1085826.125	290+12.00
262+23.16	49.37'	RT.	8715	2053174.338	1085805.692	285+49.41
260+08.94	50.00'	LT.	8732	2052941.974	1085763.917	287+63.64

PARCEL NUMBER	OWNER	TOTAL HOLDINGS ACRES	PART TAKEN ACRES	AREA IN EXISTING R.O.W. ACRES	REMAINDER AREA ACRES	EASEMENT AREA ACRES	EASEMENT SQUARE FEET	EASEMENT PURPOSE	PERMANENT INDEX NUMBER	PROPERTY ACQUIRED BY
IDK0001	PARKVIEW PROFESSIONAL PLAZA CONDOMINIUM ASSOCIATION	1.757	0.031	N/A	1.726	N/A	N/A	N/A	11-09-300-071 thru 11-09-300-086	
IDK0002	ADLER-VIEW CONDOMINIUM ASSOCIATION	1.519	0.074	N/A	1.445	N/A	N/A	N/A	11-09-300-088 thru 11-09-300-107	

NOTES:
 1. COORDINATES SHOWN ARE ILLINOIS STATE PLANE EAST ZONE, NAD 83 (2007), BASED ON NGS STATION MUND BM34 AND ITS PUBLISHED COORDINATES OF NORTH 2039591.13, EAST 1080478.83.

STATE OF ILLINOIS)
) SS
 COUNTY OF)

THIS IS TO CERTIFY THAT I, RONALD F. HODGEN, AN ILLINOIS PROFESSIONAL LAND SURVEYOR, (WE, RUETTIGER, TONELLI & ASSOCIATES, AN ILLINOIS PROFESSIONAL DESIGN FIRM LAND SURVEYING CORPORATION, NUMBER 89,) HAVE SURVEYED THE PLAT OF HIGHWAYS SHOWN HEREON IN SECTION 9, TOWNSHIP 44 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 _____, ILLINOIS THIS _____ DAY OF _____ 20____ A.D.

ILLINOIS PROFESSIONAL LAND SURVEYOR NO. 2630
 LICENSE EXPIRATION DATE: 11-30-2010

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

RECEIVED
 OCT 14 2010
 PLATS & LEGALS

LEGEND

SECTION CORNER 9 10 16 15
 QUARTER SECTION CORNER 16 15

SECTION LINE
 QUARTER SECTION LINE
 QUARTER, QUARTER SECTION LINE
 PLATTED LOT LINES
 PROPERTY (DEED) LINE
 APPARENT PROPERTY LINE
 CENTERLINE
 EXISTING RIGHT OF WAY LINE
 PROPOSED RIGHT OF WAY LINE
 PROPOSED EASEMENT
 MEASURED DIMENSION
 COMPUTED DIMENSION
 RECORDED DIMENSION
 EXISTING BUILDING

GRAPHIC SCALE
 FEET
 0 20.00 40.00 60.00
 SCALE: 1" = 30'

Bearings are referenced to the Illinois Coordinate System, NAD83, East Zone, as provided by the Illinois Department of Transportation.

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

REFERENCE TABLE

FROM	BEARING/ANGLE	DISTANCE	TO	DESCRIPTION
5018	SW 59 14 58"	66.27	1310	5/8" REBAR WITH YELLOW CAP
5018	NW 50 08 40"	112.25	1311	5/8" REBAR WITH YELLOW CAP
5018	NE 44 42 45"	80.22	1312	5/8" REBAR WITH YELLOW CAP
5019	NW 02 40 08"	307.67	1312	5/8" REBAR WITH YELLOW CAP
5019	SW 75 48 05"	51.58	1313	CUT CROSS ON INLET RIM
5019	NE 37 09 01"	41.39	1314	CUT CROSS ON INLET RIM
5133	SW 13 57 47"	29.11	1310	5/8" REBAR WITH YELLOW CAP
5133	NW 25 08 25"	85.94	1311	5/8" REBAR WITH YELLOW CAP
5133	NE 62 18 47"	104.23	1312	5/8" REBAR WITH YELLOW CAP
5134	SW 19 00 31"	24.76	1310	5/8" REBAR WITH YELLOW CAP
5134	NW 24 29 14"	90.77	1311	5/8" REBAR WITH YELLOW CAP
5134	NE 59 43 35"	105.66	1312	5/8" REBAR WITH YELLOW CAP
5135	NW 26 37 11"	51	1310	5/8" REBAR WITH YELLOW CAP
5135	NE 32 01 21"	144.21	1312	5/8" REBAR WITH YELLOW CAP
5135	SE 37 15 31"	191.15	1314	CUT CROSS ON INLET RIM
5136	NE 10 39 11"	233.69	1312	5/8" REBAR WITH YELLOW CAP
5136	SE 04 45 38"	60.64	1313	CUT CROSS ON INLET RIM
5136	SE 61 32 33"	93.84	1314	CUT CROSS ON INLET RIM
8732	SE 04 00 51"	87	1310	5/8" REBAR WITH YELLOW CAP
8732	NW 50 32 25"	30.51	1311	5/8" REBAR WITH YELLOW CAP
8732	SE 84 31 16"	105.89	1312	5/8" REBAR WITH YELLOW CAP

RUETTIGER, TONELLI & ASSOCIATES, INC.
 Lead Surveyors/Engineers/Planners/Landscape Architects/G.I.S. Consultants
 2114 ONEIDA STREET
 JOLIET, ILLINOIS 60438
 PH: (815) 744-6600 FAX: (815) 744-0101

PLAT OF HIGHWAYS
 STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION
 FAP 330 (IL 21)

SECTION: 128R-3 COUNTY: LAKE
 PROJECT JOB NO.: R-91-027-01
 STATION 256+72.58 TO STATION 262+37.12
 SCALE: 1"=30' SHEET 2 OF

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

PART OF THE SW1/4 OF SECTION 9, TWP. 44 N., R. 11 E. OF THE 3RD. P.M., IN LAKE COUNTY, ILLINOIS.

SEE CONTINUATION ON SHEET 4

Table with 10 columns: PARCEL NUMBER, OWNER, TOTAL HOLDINGS ACRES, PART TAKEN ACRES, AREA IN EXISTING R.O.W. ACRES, REMAINDER AREA ACRES, EASEMENT ACRES, AREA SQUARE FEET, EASEMENT PURPOSE, PERMANENT INDEX NUMBER, PROPERTY ACQUIRED BY.

REFERENCE TIE TABLE with columns: FROM, BEARING/ANGLE, DISTANCE, TO, DESCRIPTION. Lists various tie points and bearings.

COORDINATE TABLE with columns: STATION, OFFSET, PTH, NORTH, EAST, PLAN STATION. Lists station coordinates for various points.

NOTES: 1. COORDINATES SHOWN ARE ILLINOIS STATE PLANE EAST ZONE, NAD 83 (2007), BASED ON NGS STATION MUND BM34 AND ITS PUBLISHED COORDINATES OF NORTH 2039591.13, EAST 1080478.83.

STATE OF ILLINOIS) COUNTY OF)

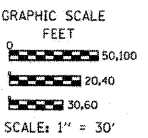
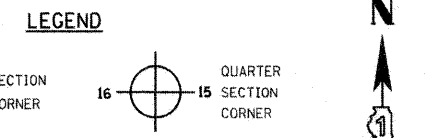
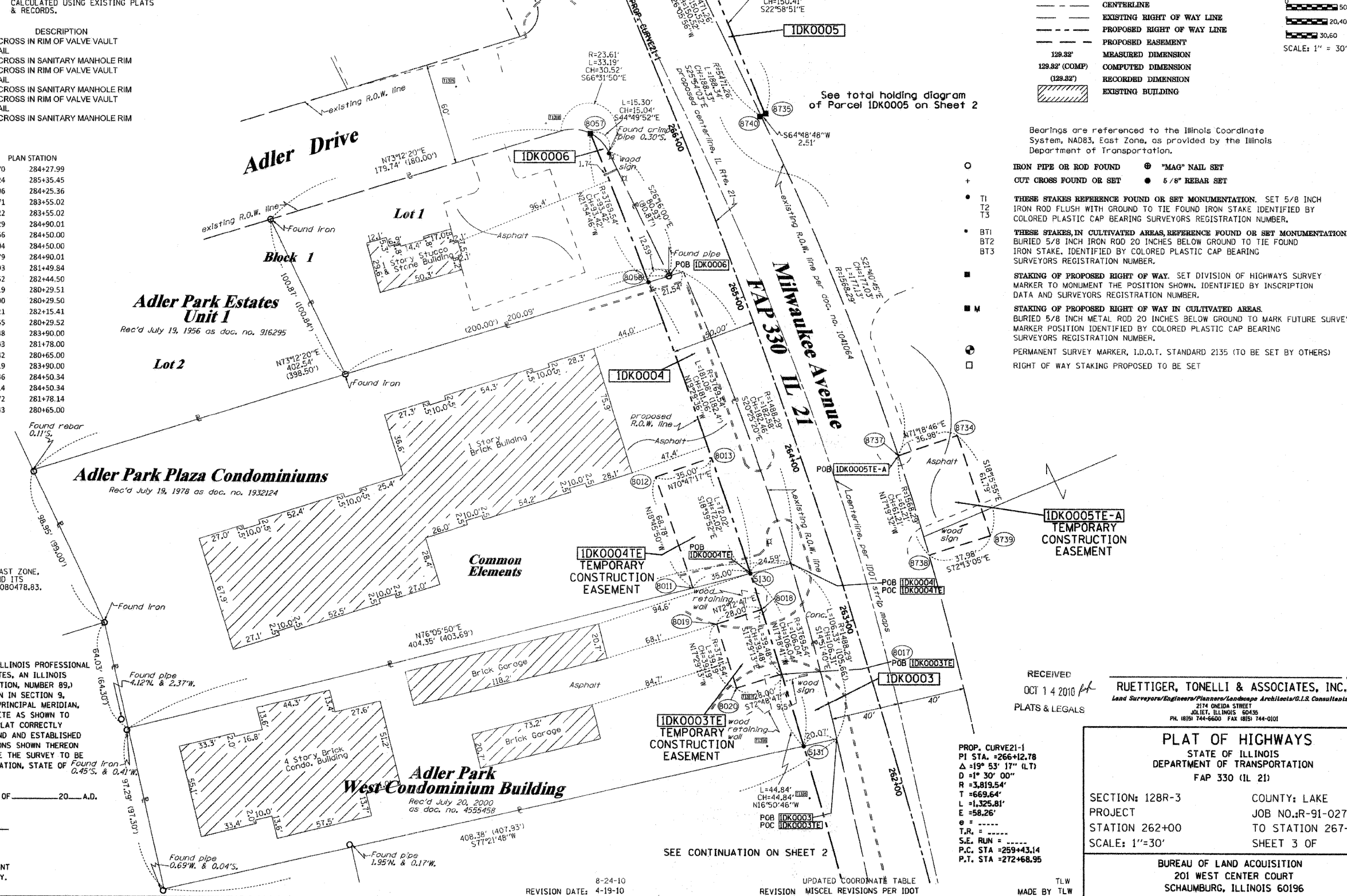
THIS IS TO CERTIFY THAT I, RONALD F. HODGEN, AN ILLINOIS PROFESSIONAL LAND SURVEYOR, (WE, RUETTIGER, TONELLI & ASSOCIATES, AN ILLINOIS PROFESSIONAL DESIGN FIRM LAND SURVEYING CORPORATION, NUMBER 89,) HAVE SURVEYED THE PLAT OF HIGHWAYS SHOWN HEREON IN SECTION 9, TOWNSHIP 44 NORTH, RANGE 11 EAST OF THE 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 _____, ILLINOIS THIS _____ DAY OF _____ 20_____ A.D.

ILLINOIS PROFESSIONAL LAND SURVEYOR NO. 2630 LICENSE EXPIRATION DATE: 11-30-2010

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

AREAS OF CONTIGUOUS PROPERTY CALCULATED USING EXISTING PLATS & RECORDS.



- Iron pipe or rod found symbols
Out cross found or set symbols
Stakes reference found or set monumentation
Stakes in cultivated areas reference found or set monumentation
Staking of proposed right of way
Staking of proposed right of way in cultivated areas
Permanent survey marker symbols
Right of way staking proposed to be set symbols

RECEIVED OCT 14 2010 PLATS & LEGALS RUETTIGER, TONELLI & ASSOCIATES, INC.

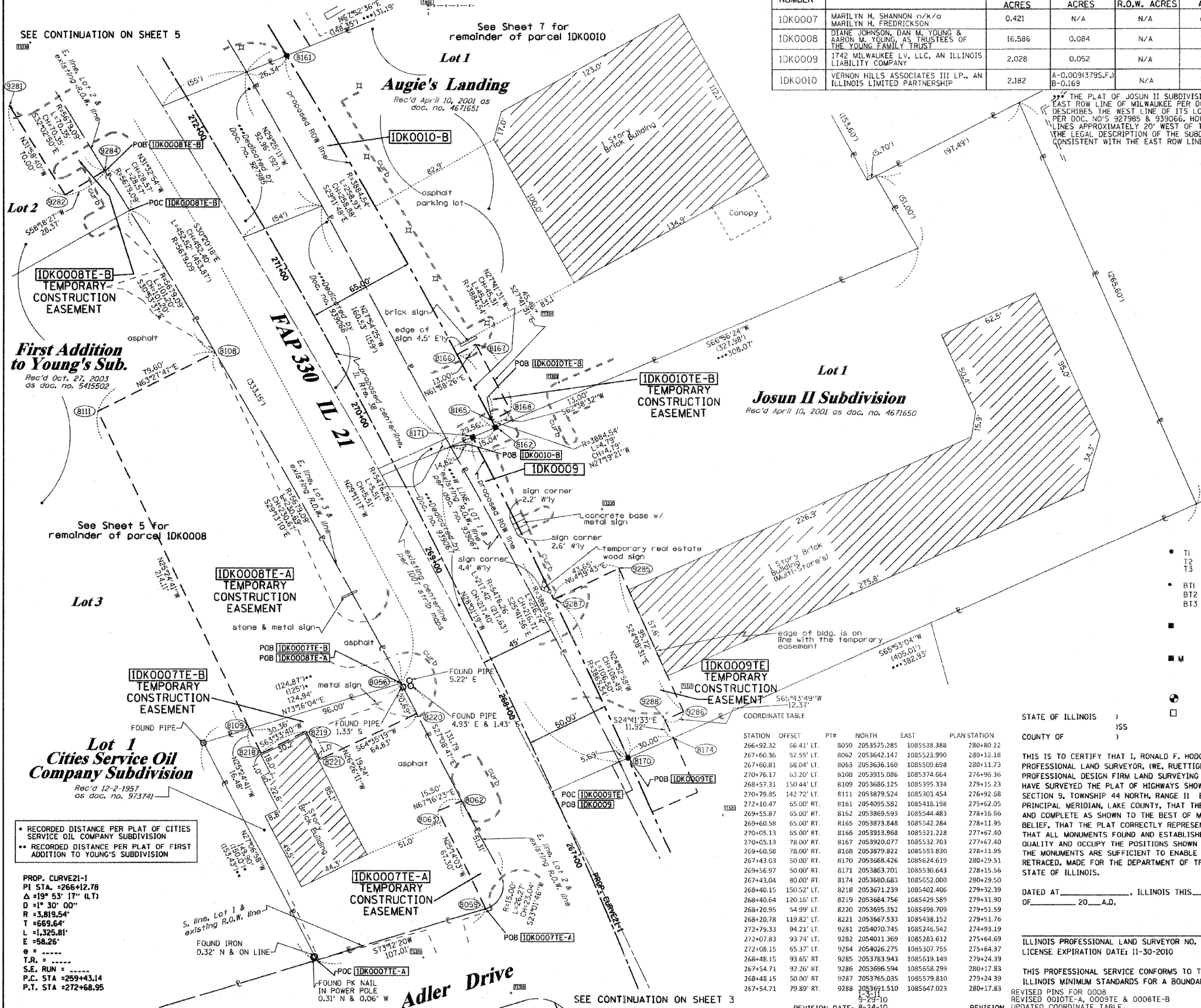
PLAT OF HIGHWAYS STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION FAP 330 (IL 21)

SECTION: 128R-3 COUNTY: LAKE PROJECT: JOB NO.: R-91-027-01 STATION 262+00 TO STATION 267+00 SCALE: 1"=30' SHEET 3 OF

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

PART OF THE SW1/4 OF SECTION 9, TWP. 44 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 ACRES	AREA SQUARE FEET	EASEMENT PURPOSE	PERMANENT INDEX NUMBER	PROPERTY ACQUIRED BY
1DK0007	MARILYN H. SHANNON n/k/a MARILYN H. FREDRICKSON	0.421	N/A	N/A	0.421	TE-A-0.024 TE-B-0.048	N/A	CONST.	11-09-302-001	
1DK0008	DIANE JOHNSON, DAN M. YOUNG & GARRON M. YOUNG, AS TRUSTEES OF THE YOUNG FAMILY TRUST	16.586	0.084	N/A	16.502	TE-A-0.448 TE-B-0.048	N/A	CONST.	11-09-301-005 thru 11-09-301-007	
1DK0009	1742 MILWAUKEE LV. LLC, AN ILLINOIS LIABILITY COMPANY	2.028	0.052	N/A	1.976	0.102	N/A	CONST.	11-09-309-008	
1DK0010	VERNON HILLS ASSOCIATES III LP., AN ILLINOIS LIMITED PARTNERSHIP	2.182	A-0.00943795,F,J B-0.169	N/A	2.004	TE-A-0.121 TE-B-0.014	N/A	CONST.	11-09-309-010	



THE PLAT OF JOSUN II SUBDIVISION DESCRIBES THE WEST LINE OF ITS LOT 1 AS THE EAST ROW LINE OF MILWAUKEE PER DOC. NO. 939067, THE PLAT OF AUGIE'S LANDING DESCRIBES THE WEST LINE OF ITS LOT 1 AS THE WEST ROW LINE OF MILWAUKEE AVENUE PER DOC. NO'S 927985 & 939066, HOWEVER THE PLOTTED DISTANCES PLAT ON EACH LOT 1 LINES APPROXIMATELY 20' WEST OF THE ROW LINE. THIS PLAT OF HIGHWAYS ABIDES BY THE LEGAL DESCRIPTION OF THE SUBDIVISIONS AND HOLDS THE WEST LOT LINES TO BE CONSISTENT WITH THE EAST ROW LINE PER DOC. NO'S 939067 & 939066 & 927985

REFERENCE TABLE

FROM	BEARING	ANGLE	DISTANCE	TO	DESCRIPTION
8161	NE 24 17' 32"		158.84	892	CORNER OF FENCE
8161	SE 44 11' 00"		217.07	1334	CUT CROSS IN SANITARY MANHOLE RIM
8161	NW 70 32' 07"		232.01	1338	CUT CROSS IN TOP OF CURB
8162	NW 08 19' 53"		375.74	892	CORNER OF FENCE
8162	NE 64 32' 50"		47.28	1322	CUT CROSS IN CONC. CURB
8162	SE 62 17' 30"		81.52	1335	CUT CROSS IN CONC. BASE LIGHT POLE
8171	SW 05 24' 18"		316.88	1319	PK NAIL
8171	NE 27 00' 27"		85.65	1334	CUT CROSS IN SANITARY MANHOLE RIM
8171	SE 60 41' 38"		89.83	1335	CUT CROSS IN CONC. BASE LIGHT POLE

LEGEND

- SECTION CORNER
- QUARTER SECTION CORNER
- SECTION LINE
- QUARTER SECTION LINE
- QUARTER, QUARTER SECTION LINE
- PLATTED LOT LINES
- PROPERTY (DEED) LINE
- APPARENT PROPERTY LINE
- CENTERLINE
- EXISTING RIGHT OF WAY LINE
- PROPOSED RIGHT OF WAY LINE
- PROPOSED EASEMENT
- MEASURED DIMENSION
- COMPUTED DIMENSION
- RECORDED DIMENSION
- EXISTING BUILDING

Bearings are referenced to the Illinois Coordinate System, NAD83, East Zone, as provided by the Illinois Department of Transportation.

- IRON PIPE OR ROD FOUND
- ⊕ "MAG" NAIL SET
- + CUT CROSS FOUND OR SET
- 5/8" REBAR SET

GRAPHIC SCALE
1" = 30'

See Sheet 5 for remainder of parcel 1DK0008

See Sheet 7 for remainder of parcel 1DK0010

PROP. CURVE 21-1
PI STA. = 266+12.78
Δ = 19° 53' 17" (L.T.)
D = 1° 30' 00"
R = 3,819.54'
T = 669.64'
L = 1,325.81'
E = 58.26'
T.R. = -----
S.E. RUN = -----
P.C. STA = 259+43.14
P.T. STA = 272+68.95

COORDINATE TABLE

STATION	OFFSET	PI#	NORTH	EAST	PLAN STATION
266+92.32	66.41' LT.	8059	2053575.285	1085538.388	280+80.22
267+60.36	52.55' LT.	8062	2053642.147	1085523.990	280+12.18
267+60.81	68.04' LT.	8063	2053636.160	1085509.698	280+13.73
270+76.17	63.20' LT.	8108	2053915.086	1085374.664	276+96.36
268+57.31	150.44' LT.	8109	2053686.125	1085395.334	279+15.23
270+79.85	142.72' LT.	8111	2053879.524	1085303.454	276+92.58
272+10.47	65.00' RT.	8161	2054095.582	1085418.198	275+62.05
269+55.87	65.00' RT.	8162	2053869.593	1085544.483	278+16.66
269+60.58	65.00' RT.	8165	2053873.848	1085542.284	278+11.95
270+05.13	65.00' RT.	8166	2053913.968	1085521.228	277+67.40
270+05.13	78.00' RT.	8167	2053920.077	1085532.703	277+67.40
269+60.58	78.00' RT.	8168	2053879.822	1085553.830	278+11.95
267+43.03	50.00' RT.	8170	2053688.426	1085624.619	280+29.51
269+56.97	50.00' RT.	8171	2053863.701	1085530.643	278+15.56
267+43.04	80.00' RT.	8174	2053680.683	1085652.000	280+29.50
268+40.15	150.52' RT.	8218	2053671.239	1085402.406	279+32.39
268+40.64	120.16' RT.	8219	2053684.756	1085428.589	279+31.90
268+20.95	54.99' RT.	8220	2053695.352	1085496.709	279+51.59
268+20.78	119.82' RT.	8221	2053667.533	1085438.152	279+51.76
272+78.33	94.21' RT.	9281	2054070.745	1085246.542	274+93.19
272+07.83	93.74' RT.	9282	2054011.369	1085283.612	275+64.69
272+08.15	65.37' RT.	9284	2054026.275	1085307.755	275+64.37
268+48.15	93.65' RT.	9285	2053783.943	1085619.149	279+24.39
267+54.71	92.26' RT.	9286	2053696.594	1085658.299	280+17.83
268+48.15	50.00' RT.	9287	2053765.035	1085579.810	279+24.39
267+54.71	79.89' RT.	9288	2053691.510	1085647.023	280+17.83

STATE OF ILLINOIS)
COUNTY OF LAKE)

THIS IS TO CERTIFY THAT I, RONALD F. HODGEN, AN ILLINOIS PROFESSIONAL LAND SURVEYOR, (WE, RUETTIGER, TONELLI & ASSOCIATES, AN ILLINOIS PROFESSIONAL DESIGN FIRM LAND SURVEYING CORPORATION, NUMBER 89,) HAVE SURVEYED THE PLAT OF HIGHWAYS SHOWN HEREON IN SECTION 9, TOWNSHIP 44 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.

RUETTIGER, TONELLI & ASSOCIATES, INC.
Land Surveyors/Engineers/Planners/Landscape Architects/G.I.S. Consultants
2174 ONEIDA STREET
JOLIET, ILLINOIS 60435
PH. 815/744-6600 FAX 815/744-0101

PLAT OF HIGHWAYS
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
FAP 330 (IL 21)

SECTION: 128R-3 COUNTY: LAKE
PROJECT: JOHNSON R-91-027-01
STATION 267+00 TO STATION 272+00
SCALE: 1"=30' SHEET 4 OF

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

ILLINOIS PROFESSIONAL LAND SURVEYOR NO. 2630
LICENSE EXPIRATION DATE: 11-30-2010

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

REVISIONS FOR 0008
REVISED 0010E-A, 0009TE & 0008TE-B
REVISED COLOTE-A, 0009TE & 0008TE-B
REVISION UPDATED COORDINATE TABLE

MADE BY TLW

PART OF THE SW1/4 OF SECTION 9, TWP. 44 N., R. 11 E. OF THE 3RD. P.M., IN LAKE COUNTY, ILLINOIS.

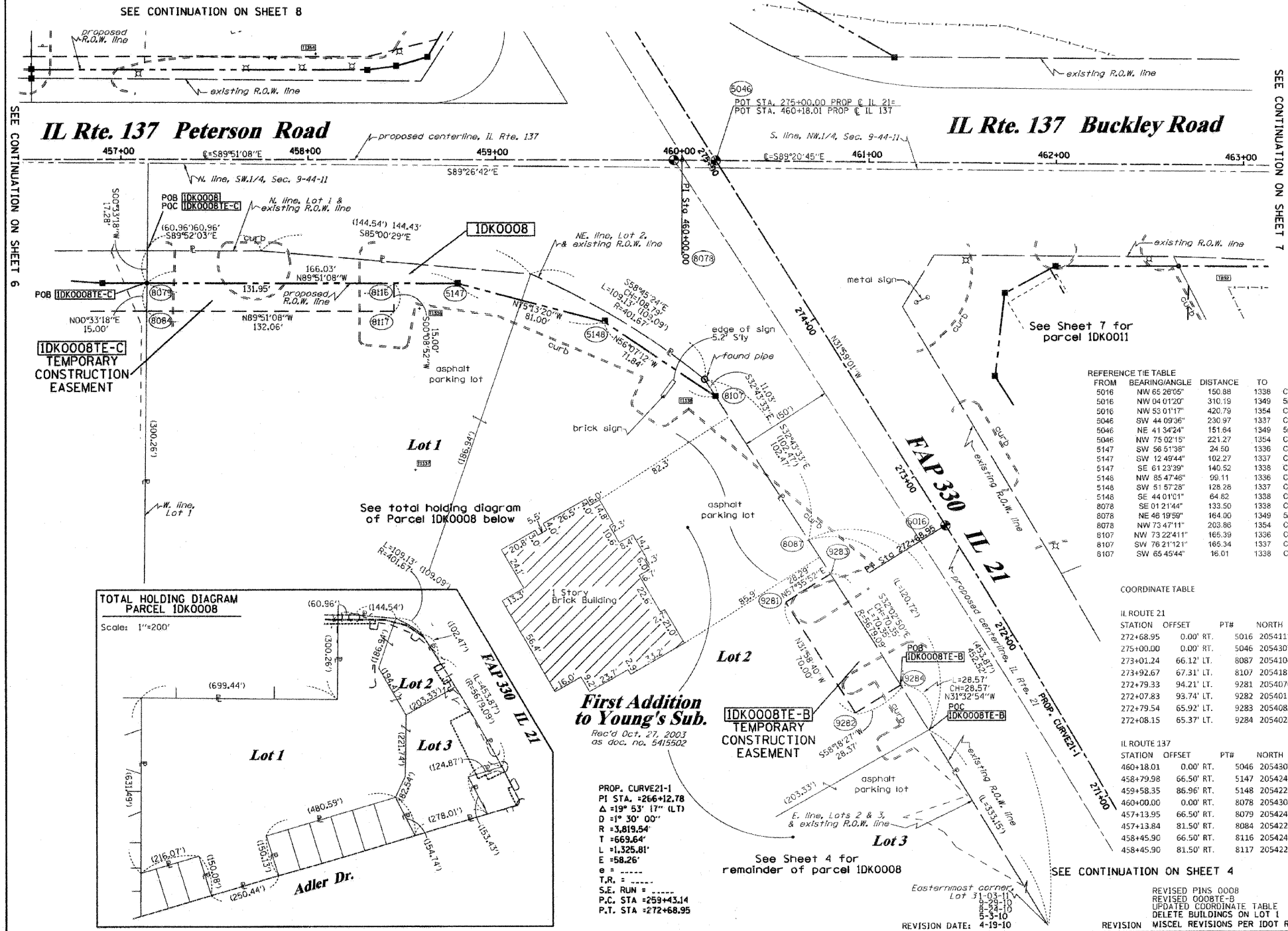
Table with columns: PARCEL NUMBER, OWNER, TOTAL HOLDINGS ACRES, PART TAKEN ACRES, AREA IN EXISTING R.O.W. ACRES, REMAINDER AREA ACRES, EASEMENT AREA SQUARE FEET, EASEMENT PURPOSE, PERMANENT INDEX NUMBER, PROPERTY ACQUIRED BY.

NOTES: 1. COORDINATES SHOWN ARE ILLINOIS STATE PLANE EAST ZONE, NAD 83 (2007), BASED ON NOS STATION MIND BM54 AND ITS PUBLISHED COORDINATES OF NORTH 2039591.13, EAST 1080478.83.

*** THE PLAT OF JOSUN II SUBDIVISION DESCRIBES THE WEST LINE OF ITS LOT 1 AS THE EAST ROW LINE OF MILWAUKEE PER DOC. NO. 939067, THE PLAT OF AUGIE'S LANDING DESCRIBES THE WEST LINE OF ITS LOT 1 AS THE WEST ROW LINE OF MILWAUKEE AVENUE PER DOC. NO'S 927985 & 939066, HOWEVER THE PLOTTED DISTANCES PLAT ON EACH LOT 1 LINES APPROXIMATELY 20' WEST OF THE ROW LINE. THIS PLAT OF HIGHWAYS ABIDES BY THE LEGAL DESCRIPTION OF THE SUBDIVISIONS AND HOLDS THE WEST LOT LINES TO BE CONSISTENT WITH THE EAST ROW LINE PER DOC. NO'S 939067 & 939066 & 927985

LEGEND

Legend defining symbols for Section Line, Quarter Section Line, Platted Lot Lines, Property (Deed) Line, Apparent Property Line, Centerline, Existing Right of Way Line, Proposed Right of Way Line, Proposed Easement, Measured Dimension, Computed Dimension, Recorded Dimension, Existing Building, Iron Pipe or Rod Found, Cut Cross Found or Set, and various survey markers.

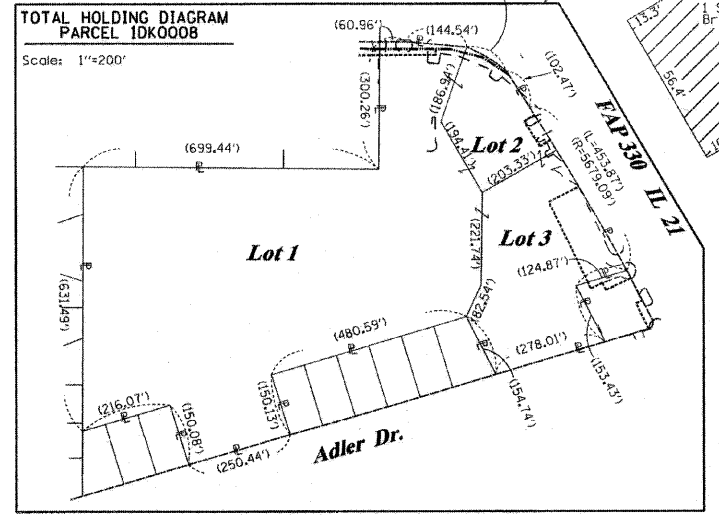


SEE CONTINUATION ON SHEET 6

SEE CONTINUATION ON SHEET 7

REFERENCE TIE TABLE with columns: FROM BEARING/ANGLE, DISTANCE, TO, DESCRIPTION. Lists various survey points and their connections.

COORDINATE TABLE with columns: IL ROUTE 21 STATION, OFFSET, PT#, NORTH, EAST, PLAN STATION. Lists stationing data for the highway.



First Addition to Young's Sub. Rec'd Oct. 27, 2003 as doc. no. 5415502

PROP. CURVE 21-1 PI STA. = 266+12.78 Δ = 19° 53' (LT) D = 1° 30' 00" R = 3,819.54' L = 1,325.81' E = 58.26' T.R. = ... S.E. RUN = ... P.C. STA = 259+43.14 P.T. STA = 272+68.95

STATE OF ILLINOIS COUNTY OF THIS IS TO CERTIFY THAT I, RONALD F. HODGEN, AN ILLINOIS PROFESSIONAL LAND SURVEYOR, (WE, RUETTIGER, TONELLI & ASSOCIATES, AN ILLINOIS PROFESSIONAL DESIGN FIRM LAND SURVEYING CORPORATION, NUMBER 89, HAVE SURVEYED THE PLAT OF HIGHWAYS SHOWN HEREON IN SECTION 9, TOWNSHIP 44 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 _____, ILLINOIS THIS _____ DAY OF _____ 20___ A.D.

ILLINOIS PROFESSIONAL LAND SURVEYOR NO. 2630 LICENSE EXPIRATION DATE: 11-30-2010 THIS PROFESSIONAL SERVICE CONFORMS TO THE CURRENT ILLINOIS MINIMUM STANDARDS FOR A BOUNDARY SURVEY.

RUETTIGER, TONELLI & ASSOCIATES, INC. Land Surveyor/Engineer/Planner/Landscape Architect/GIS Consultants 2114 ONEIDA STREET GLENVIEW, ILLINOIS 60045 PH: (815) 744-8600 FAX: (815) 744-0101

PLAT OF HIGHWAYS STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION FAP 330 (IL 21) SECTION: 128R-3 COUNTY: LAKE PROJECT: JOB NO.: R-91-027-01 STATION: TO STATION SHEET 5 OF SCALE: 1"=30'

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

PART OF THE SW1/4 OF SECTION 9, TWP. 44 N., R. 11 E. OF THE 3RD. P.M., IN LAKE COUNTY, ILLINOIS.

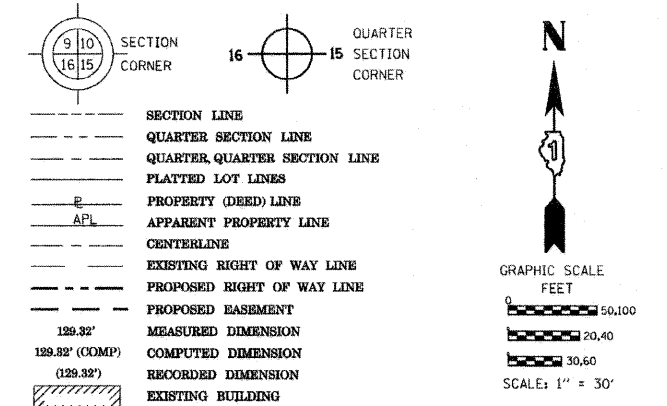
PARCEL NUMBER	OWNER	TOTAL HOLDINGS ACRES	PART TAKEN ACRES	AREA IN EXISTING R.O.W. ACRES	REMAINDER AREA ACRES	EASEMENT ACRES	AREA SQUARE FEET	EASEMENT PURPOSE	PERMANENT INDEX NUMBER	PROPERTY ACQUIRED BY
IDK0014	RICHARD E. LASKOWSKI, AS TRUSTEE TRUST NO. 100	3.972	0.086	N/A	3.886	TE-A 0.019 TE-B 0.027	N/A	CONST.	11-09-300-122	

NOTES:
1. COORDINATES SHOWN ARE ILLINOIS STATE PLANE EAST ZONE, NAD 83 (2007), BASED ON NGS STATION MUND BM34 AND ITS PUBLISHED COORDINATES OF NORTH 2039591.13, EAST 1080478.83.

FROM	BEARING/ANGLE	DISTANCE	TO	DESCRIPTION
5138	SW 75 14'05"	221.97	1339	PK NAIL
5138	SE 26 58'18"	38.17	1340	CUT CROSS IN SANITARY MANHOLE RIM
5138	SE 74 51'58"	126.28	1341	CUT CROSS IN INLET RIM
5139	SE 85 41'16"	350.42	1336	CUT CROSS IN INLET RIM
5139	SW 89 57'26"	99.32	1340	CUT CROSS IN SANITARY MANHOLE RIM
5139	SE 18 38'36"	34.22	1341	CUT CROSS IN INLET RIM
5142	SE 85 18'57"	170.04	1336	CUT CROSS IN INLET RIM
5142	SW 85 29'09"	274.11	1340	CUT CROSS IN SANITARY MANHOLE RIM
5142	SW 83 15'53"	170.20	1341	CUT CROSS IN INLET RIM
8074	SE 36 22'10"	78.06	1339	PK NAIL
8074	SE 81 40'46"	280.57	1340	CUT CROSS IN SANITARY MANHOLE RIM
8074	SE 84 10'12"	383.85	1341	CUT CROSS IN INLET RIM

STATION	OFFSET	PTH	NORTH	EAST	PLAN STATION
450+14.42	2.95' LT.	1	2054313.515	1084205.996	450+14.40
448+00.00	0.00' RT.	5044	2054311.120	1083991.565	447+99.97
454+00.00	54.50' RT.	5138	2054255.075	1084591.422	454+00.00
455+09.99	54.50' RT.	5139	2054254.792	1084701.417	455+09.99
456+89.99	66.50' RT.	5142	2054242.328	1084881.377	456+90.00
451+39.06	48.89' RT.	8074	2054261.357	1084330.497	451+39.05
457+13.95	66.50' RT.	8079	2054242.266	1084905.339	457+13.96
454+30.00	54.50' RT.	8080	2054254.998	1084621.422	454+30.00
454+30.00	69.50' RT.	8081	2054239.998	1084621.383	454+30.00
453+75.00	69.50' RT.	8082	2054240.140	1084566.383	453+75.00
453+75.00	53.96' RT.	8083	2054255.677	1084566.424	453+75.00
457-13.84	81.50' RT.	8084	2054227.267	1084905.193	457+13.85
456+41.90	81.50' RT.	8085	2054227.452	1084833.254	456+41.91
456+41.90	63.29' RT.	8086	2054245.658	1084833.301	456+41.91

LEGEND



Bearings are referenced to the Illinois Coordinate System, NAD83, East Zone, as provided by the Illinois Department of Transportation.

- IRON PIPE OR ROD FOUND
- ⊕ "MAG" NAIL SET
- + CUT CROSS FOUND OR SET
- 5/8" REBAR SET
- T1 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.
- T2
- T3
- 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

STATE OF ILLINOIS)
)SS
COUNTY OF)

THIS IS TO CERTIFY THAT I, RONALD F. HODGEN, AN ILLINOIS PROFESSIONAL LAND SURVEYOR, (WE, RUETTIGER, TONELLI & ASSOCIATES, AN ILLINOIS PROFESSIONAL DESIGN FIRM LAND SURVEYING CORPORATION, NUMBER 89,) HAVE SURVEYED THE PLAT OF HIGHWAYS SHOWN HEREON IN SECTION 9, TOWNSHIP 44 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 _____, ILLINOIS THIS _____ DAY OF _____ 20__ A.D.

ILLINOIS PROFESSIONAL LAND SURVEYOR NO. 2630
LICENSE EXPIRATION DATE: 11-30-2010

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

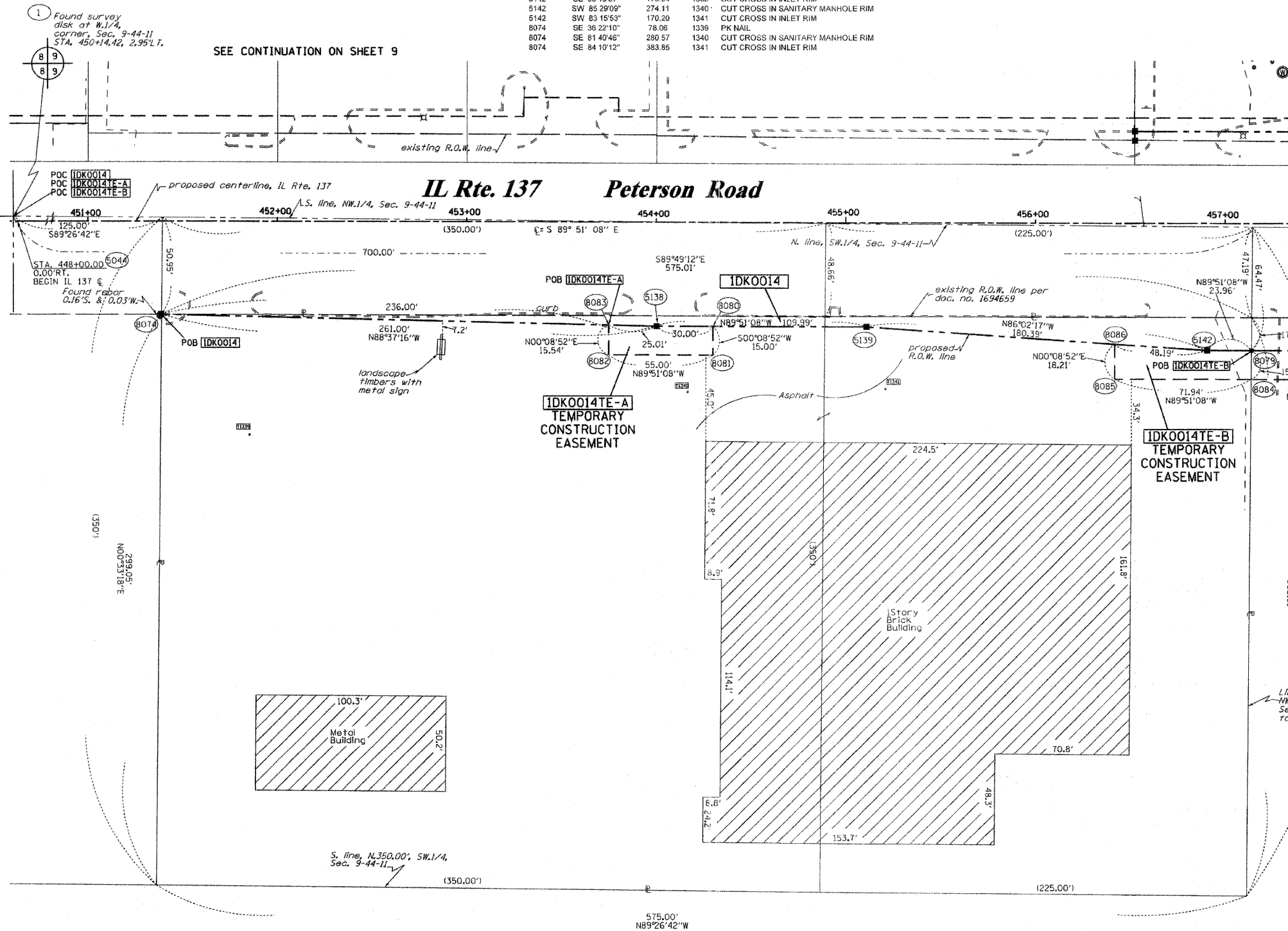
RUETTIGER, TONELLI & ASSOCIATES, INC.
Lead Surveyors/Engineers/Planners/Landscape Architects/G.I.S. Consultants
2174 ONEIDA STREET
JOLIET, ILLINOIS 60438
PH (815) 744-6600 FAX (815) 744-0101

RECEIVED
OCT 14 2010
PLATS & LEGALS

PLAT OF HIGHWAYS
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
FAP 330 (IL 21)

SECTION: 128R-3 COUNTY: LAKE
PROJECT JOB NO.: R-91-027-01
STATION 451+00 TO STATION 457+00
SCALE: 1"=30' SHEET 6 OF

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



PART OF THE SW1/4 OF SECTION 9, TWP. 44 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 ACRES	AREA SQUARE FEET	EASEMENT PURPOSE	PERMANENT INDEX NUMBER	PROPERTY ACQUIRED BY
IDK0010	VERNON HILLS ASSOCIATES III LP., AN ILLINOIS LIMITED PARTNERSHIP	2.182	A-0.009(3795.F.), B-0.169	N/A	2.004	TE-A-0.121 TE-B-0.014	N/A	CONST.	11-09-309-010	
IDK0011	MOBIL OIL CORPORATION	0.507	0.147	N/A	0.360	TE-A-0.015 TE-B-0.061	N/A	CONST.	11-09-300-004	
IDK0012	GENDELL PARTNERS LIBERTYVILLE, LLC, AN ILLINOIS LIMITED LIABILITY CO.	0.954	N/A	N/A	0.954	0.017	N/A	CONST.	11-09-309-011	

NOTES:
1. COORDINATES SHOWN ARE ILLINOIS STATE PLANE EAST ZONE, NAD 83 (2007), BASED ON NGS STATION MUND BM34 AND ITS PUBLISHED COORDINATES OF NORTH 2039591.13, EAST 1080478.83.

* DENOTES DISTANCE DESCRIBED IN DEDICATION DOCUMENT NO. 939064 AS BEING MEASURED ON OR TO THE NORTH LINE, SW 1/4. IDOT STRIP MAPS SHOW THESE DISTANCES AS BEING MEASURED ON OR TO THE CENTERLINE OF IL 137. THE EXISTING CENTERLINE IS NOT CONSISTENT WITH THE SE 1/4 SECTION LINE. THE SURVEYOR HAS ESTABLISHED THE EXISTING ROW IN ACCORDANCE WITH THE STRIP MAPS WHICH REPRESENTS THE INTENT OF THE DEDICATION.

*** THE PLAT OF JOSUN II SUBDIVISION DESCRIBES THE WEST LINE OF ITS LOT 1 AS THE EAST ROW LINE OF MILWAUKEE PER DOC. NO. 939067. THE PLAT OF AUGIE'S LANDING DESCRIBES THE WEST LINE OF ITS LOT 1 AS THE WEST ROW LINE OF MILWAUKEE PER DOC. NO'S 927985 & 939066. HOWEVER THE PLOTTED DISTANCES PLAT ON EACH LOT 1 LINES APPROXIMATELY 20' WEST OF THE ROW LINE. THIS PLAT OF HIGHWAYS ABIDES BY THE LEGAL DESCRIPTION OF THE SUBDIVISIONS AND HOLDS THE WEST LOT LINES TO BE CONSISTENT WITH THE EAST ROW LINE PER DOC. NO'S 939067 & 939066 & 927985

REFER TO THE TABLE

FROM	BEARING	ANGLE	DISTANCE	TO	DESCRIPTION
5016	SE 84°06'19"		283.23	1334	CUT CROSS IN SANITARY MANHOLE RIM
5016	NW 85°26'06"		150.88	1338	CUT CROSS IN TOP OF CURB
5016	NE 03°22'56"		209.96	1350	5/8" REBAR WITH YELLOW CAP
5120	NE 68°42'20"		133.99	892	CORNER OF FENCE
5120	SE 39°56'08"		328.36	1334	CUT CROSS IN SANITARY MANHOLE RIM
8120	SW 84°02'08"		164.87	1338	CUT CROSS IN TOP OF CURB
5121	SE 41°28'37"		275.41	1334	CUT CROSS IN SANITARY MANHOLE RIM
5121	NW 81°37'53"		194.42	1338	CUT CROSS IN TOP OF CURB
5121	NW 08°02'21"		267.64	1350	5/8" REBAR WITH YELLOW CAP
8150	NE 87°58'47"		119.92	892	CORNER OF FENCE
8150	SW 70°02'06"		179.83	1338	CUT CROSS IN TOP OF CURB
8150	NW 04°39'19"		175.78	1350	5/8" REBAR WITH YELLOW CAP
8151	SE 83°30'00"		93.26	892	CORNER OF FENCE
8151	SW 68°48'24"		210.43	1338	CUT CROSS IN TOP OF CURB
8151	NW 14°24'18"		165.74	1350	5/8" REBAR WITH YELLOW CAP
8155	SW 05°40'59"		122.57	892	CORNER OF FENCE
8155	SW 79°39'25"		417.84	1338	CUT CROSS IN TOP OF CURB
8155	NW 57°44'10"		302.90	1350	5/8" REBAR WITH YELLOW CAP
8156	SE 69°36'31"		26.61	892	CORNER OF FENCE
8156	SW 73°52'18"		272.74	1338	CUT CROSS IN TOP OF CURB
8156	NW 33°38'16"		193.32	1350	5/8" REBAR WITH YELLOW CAP

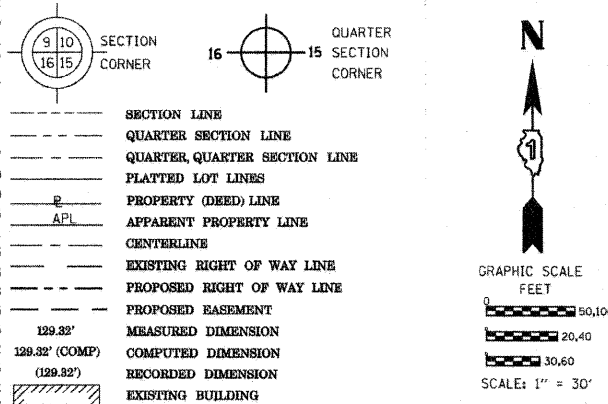
IL ROUTE 21

STATION	OFFSET	PT#	NORTH	EAST	PLAN STATION
272+68.95	0.00' RT.	5016	2054111.838	1085331.951	275+03.57
273+22.51	65.00' RT.	5120	2054191.694	1085358.713	274+50.00
273+57.49	92.74' RT.	5150	2054236.058	1085363.715	274+15.02
272+10.47	65.00' RT.	8161	2054095.582	1085418.198	275+62.05
272+52.51	65.00' RT.	8744	2054132.064	1085395.907	275+20.01
272+08.15	80.00' RT.	8745	2054101.301	1085432.266	275+64.37
272+52.51	80.00' RT.	8746	2054139.556	1085408.667	275+20.01

IL ROUTE 137

STATION	PT#	NORTH	EAST	PLAN STATION
471+99.89	0.00' RT.	5047	2054294.325	1086391.373
461+72.96	70.00' RT.	5150	2054236.058	1085363.715
461+99.96	55.00' RT.	5151	2054250.748	1085390.883
465+02.50	56.00' RT.	8124	2054246.207	1085693.389
464+14.86	53.71' RT.	8155	2054249.581	1085605.781
462+65.82	54.67' RT.	8156	2054250.325	1085456.738
465+19.63	56.55' RT.	8180	2054245.547	1085710.516
466+54.52	60.20' RT.	8181	2054240.353	1085845.346
466+00.00	70.00' RT.	8183	2054231.179	1085790.723
462+71.22	65.00' RT.	8749	2054239.927	1085462.024
461+97.08	56.60' RT.	9289	2054249.179	1085387.982
462+23.21	101.30' RT.	9290	2054204.183	1085413.600
462+70.78	95.05' RT.	9291	2054209.889	1085461.238
464+18.62	128.07' RT.	9295	2054175.184	1085608.692
464+91.71	126.24' RT.	9294	2054176.179	1085681.798
464+91.71	55.79' RT.	9295	2054246.622	1085682.602
464+18.62	53.81' RT.	9296	2054249.437	1085609.540

LEGEND



Bearings are referenced to the Illinois Coordinate System, NAD83, East Zone, as provided by the Illinois Department of Transportation.

- IRON PIPE OR ROD FOUND
- ⊕ "MAG" NAIL SET
- + CUT CROSS FOUND OR SET
- 5/8" REBAR SET
- T1 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.
- T2
- T3
- 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.
- 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)

THIS IS TO CERTIFY THAT I, RONALD F. HODGEN, AN ILLINOIS PROFESSIONAL LAND SURVEYOR, (WE, RUETTIGER, TONELLI & ASSOCIATES, AN ILLINOIS PROFESSIONAL DESIGN FIRM LAND SURVEYING CORPORATION, NUMBER 89,) HAVE SURVEYED THE PLAT OF HIGHWAYS SHOWN HEREON IN SECTION 9, TOWNSHIP 44 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 _____, ILLINOIS THIS _____ DAY OF _____, 20____ A.D.

ILLINOIS PROFESSIONAL LAND SURVEYOR NO. 2630
LICENSE EXPIRATION DATE: 11-30-2010

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

RUETTIGER, TONELLI & ASSOCIATES, INC.
Land Surveyors/Engineers/Planners/Landscape Architects/G.I.S. Consultants
2174 ONEIDA STREET
JOLIET, ILLINOIS 60438
PH. (815) 744-6600 FAX (815) 744-0101

PLAT OF HIGHWAYS
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
FAP 330 (IL 21)
SECTION: 128R-3 COUNTY: LAKE
PROJECT JOB NO.: R-91-027-01
STATION 270+00, IL 21 TO STATION 275+00, IL 21
461+00, IL 137 TO STATION 467+00, IL 137
SCALE: 1"=30' SHEET 7 OF

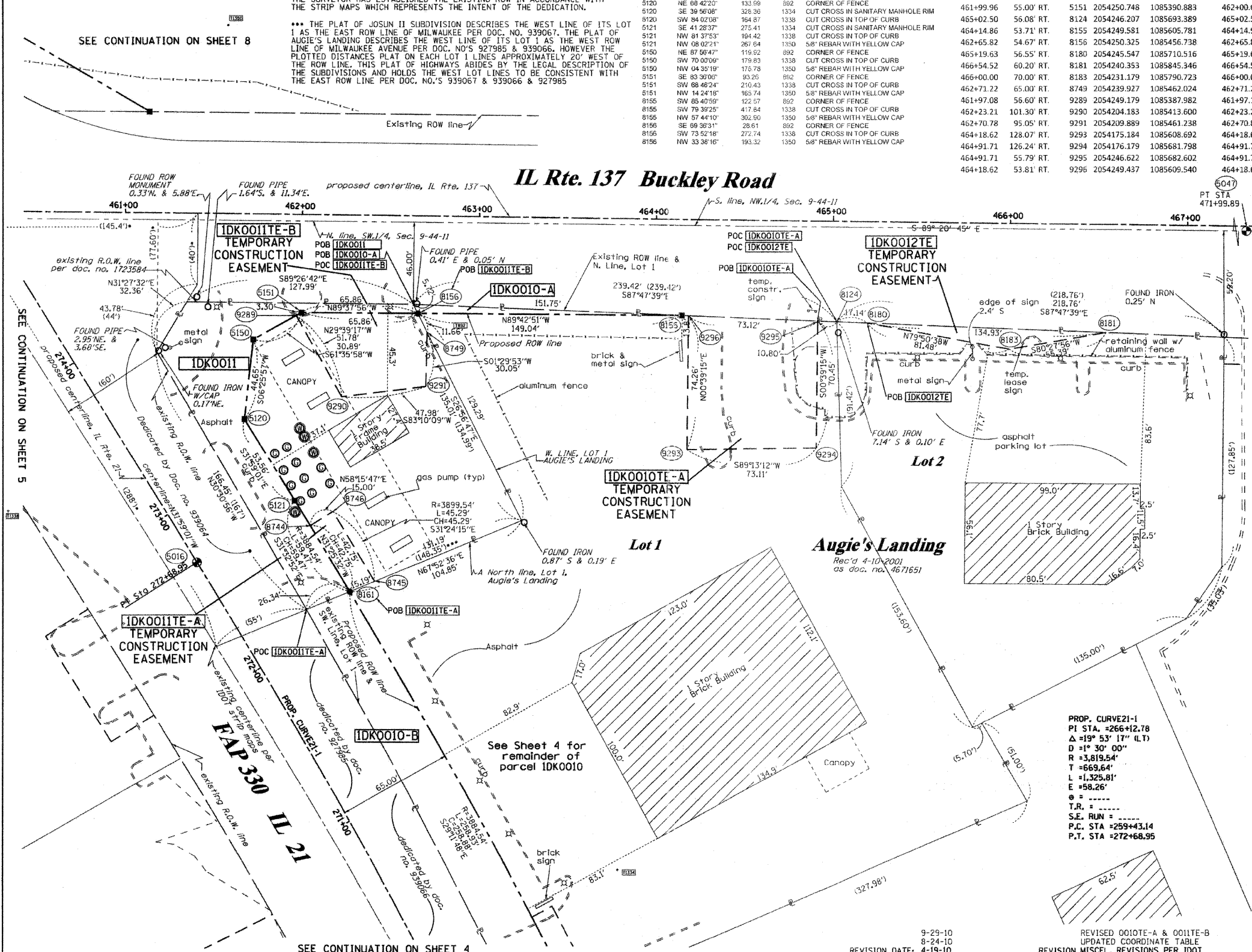
BUREAU OF LAND ACQUISITION
201 WEST CENTER COURT
SCHAUMBURG, ILLINOIS 60196

RECEIVED:
OCT 14 2010
PLATS & LEGALS

PROP. CURVE 21-1
PI STA. = 266+12.78
Δ = 19° 53' 17" (L.T.)
D = 1° 30' 00"
R = 3,819.54'
T = 669.64'
L = 1,325.81'
E = 58.26'
T.R. =
S.E. RUN =
P.C. STA = 259+43.14
P.T. STA = 272+68.95

REVISED 0010TE-A & 0011TE-B
UPDATED COORDINATE TABLE
REVISION MISCEL. REVISIONS PER IDOT

9-29-10
8-24-10
REVISION DATE: 4-19-10



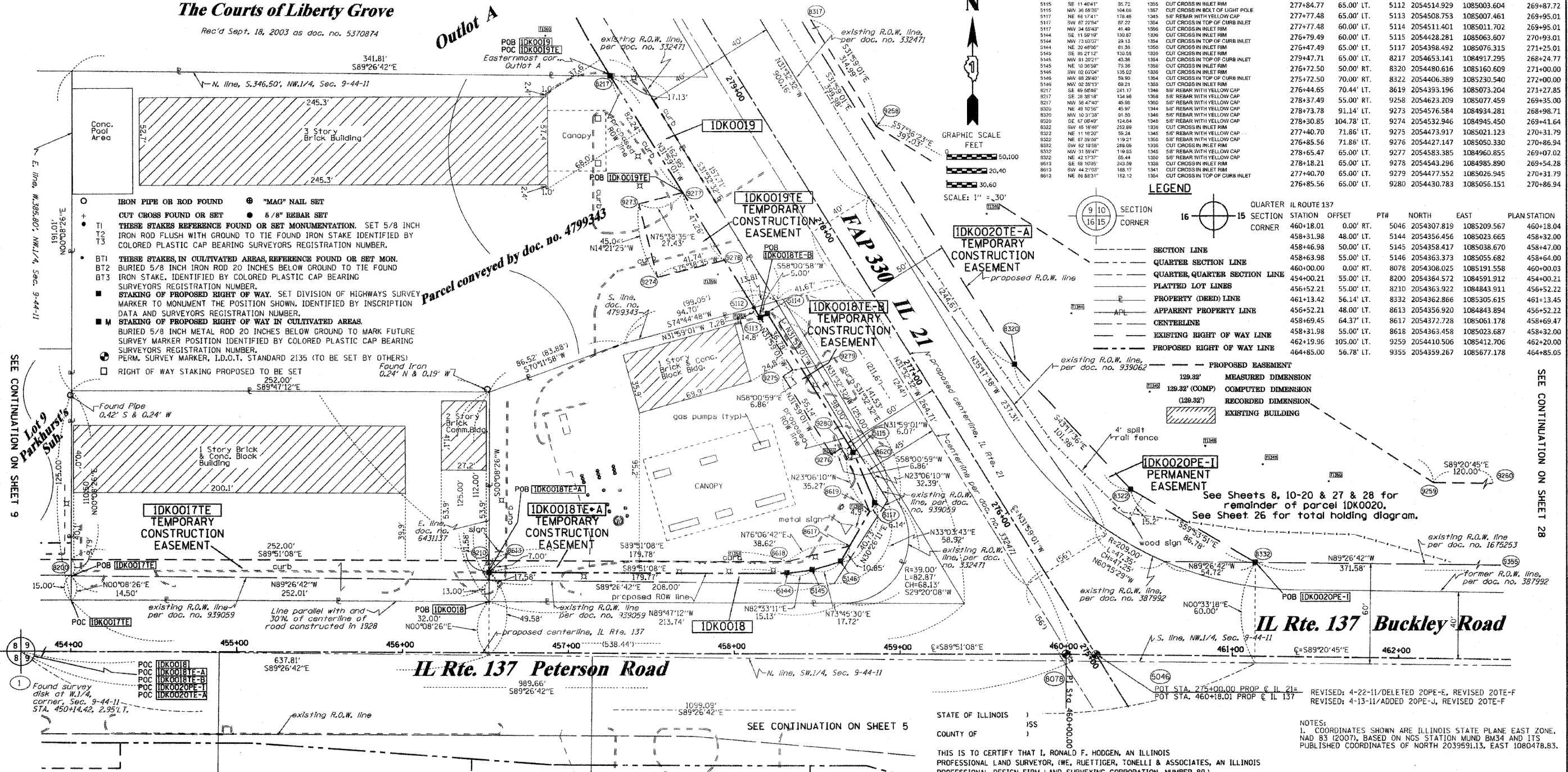
PART OF THE NW1/4 OF SECTION 9, TWP. 44 N., R. 11 E. OF THE 3RD. P.M., IN LAKE COUNTY, ILLINOIS.

The Courts of Liberty Grove

Rec'd Sept. 18, 2003 as doc. no. 5370874

SEE CONTINUATION ON SHEET 10

Bearings are referenced to the Illinois Coordinate System, NAD83, East Zone, as provided by the Illinois Department of Transportation.



SEE CONTINUATION ON SHEET 6

SEE CONTINUATION ON SHEET 5

SEE CONTINUATION ON SHEET 28

PARCEL NUMBER	OWNER	TOTAL HOLDINGS ACRES	PART TAKEN ACRES	AREA IN EXISTING R.O.W. ACRES	REMAINDER AREA ACRES	EASEMENT AREA ACRES	EASEMENT SQUARE FEET	EASEMENT PURPOSE	PERMANENT INDEX NUMBER	PROPERTY ACQUIRED BY
IDK0017	STEVE MIJATOVIC, TRUSTEE OF THE STEVE MIJATOVIC DECLARATION OF TRUST DATED 11/14/06, AS TO AN UNDIVIDED 50% INTEREST & DRAGINJA M. MIJATOVIC, TRUSTEE OF THE DRAGINJA M. MIJATOVIC DECLARATION OF TRUST DATED 11/14/06, AS TO AN UNDIVIDED 50% INTEREST	0.723	N/A	N/A	0.723	0.062	N/A	CONST.	11-09-100-014	
IDK0018	CHICAGO TRUST COMPANY, TRUST NO. 1100121	0.815	0.155	0.110	0.660	TE-A-0.035 TE-B-0.024	N/A	CONST.	11-09-100-015	
IDK0019	NAVBHARAT MOTEL, INC.	1.606	0.051	N/A	1.555	0.036	N/A	CONST.	11-09-100-012	
IDK0020	LAKE COUNTY FOREST PRESERVE DISTRICT	802.4±	0.000	N/A	802.4±	**	**	PROP. ROW CONST.	11-09-100-001 thru 11-09-100-004, 11-04-300-003, 11-04-300-010, 11-04-300-013 11-04-100-005	

* AREAS OF CONTIGUOUS PROPERTY CALCULATED USING EXISTING PLATS & RECORDS.

REVISION	DATE	DESCRIPTION
1	3-28-11	REVISE 0020 PARCEL TABLE
2	3-25-11	REVISE 0020 PARCEL TABLE
3	3-3-11	ADD PE'S & REVISIONS ON 0020 PER IDOT
4	1-26-11	TYPED IN PARCEL TABLE
5	10-25-10	TYPED IN PARCEL TABLE
6	9-24-10	REVISED 0018E-B, 0019TE & 0020E-A, 0020PE
7	8-24-10	UPDATED COORDINATE TABLE

STATE OF ILLINOIS)
COUNTY OF LAKE)

THIS IS TO CERTIFY THAT I, RONALD F. HODGEN, AN ILLINOIS PROFESSIONAL LAND SURVEYOR, (WE, RUETTIGER, TONELLI & ASSOCIATES, AN ILLINOIS PROFESSIONAL DESIGN FIRM LAND SURVEYING CORPORATION, NUMBER 89,) HAVE SURVEYED THE PLAT OF HIGHWAYS SHOWN HEREON IN SECTION 9, TOWNSHIP 44 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 _____, ILLINOIS THIS _____ DAY OF _____, 20____ A.D.

ILLINOIS PROFESSIONAL LAND SURVEYOR NO. 2630
LICENSE EXPIRATION DATE: 11-30-2012
THIS PROFESSIONAL SERVICE CONFORMS TO THE CURRENT ILLINOIS MINIMUM STANDARDS FOR A BOUNDARY SURVEY.

REVISION
MADE BY

NOTES:
1. COORDINATES SHOWN ARE ILLINOIS STATE PLANE EAST ZONE, NAD 83 (2007), BASED ON NGS STATION MUND BM34 AND ITS PUBLISHED COORDINATES OF NORTH 2039591.13, EAST 1080478.83.

RECEIVED
APR 27 2011
PLATS & LEGALS

RUETTIGER, TONELLI & ASSOCIATES, INC.
Lead Surveyors/Engineers/Planners/Landscape Architects/G.I.S. Consultants
2174 ONEIDA STREET
JOLIET, ILLINOIS 60435
PH. (815) 744-6600 FAX (815) 744-0101

PLAT OF HIGHWAYS
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
FAP 330 (IL 21)

SECTION: 128R-3 COUNTY: LAKE
PROJECT JOB NO.: R-91-027-01
STATION 454+00 TO STATION 462+00
SCALE: 1"=30' SHEET 8 OF

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

PART OF THE NW1/4 OF SECTION 9, TWP. 44 N., R. 11 E. OF THE 3RD. P.M., IN LAKE COUNTY, ILLINOIS.

COORDINATE TABLE

STATION	OFFSET	PT#	NORTH	EAST	PLAN STATION
450+14.42	2.95' LT.	1	2054313.515	1084205.996	450+14.40
448+00.00	0.00' RT.	5044	2054311.120	1083991.565	447+99.97
450+35.74	51.12' LT.	8192	2054361.635	1084227.434	450+35.72
451+00.21	51.05' LT.	8193	2054361.395	1084291.904	451+00.19
450+35.74	55.00' LT.	8195	2054365.512	1084227.444	450+35.72
451+00.21	55.00' LT.	8196	2054365.346	1084291.914	451+00.19
451+00.21	46.05' LT.	8199	2054356.395	1084291.892	451+00.19
454+00.21	55.00' LT.	8200	2054364.572	1084591.912	454+00.21
453+30.00	55.00' LT.	8201	2054364.753	1084521.705	453+29.99
453+30.00	65.00' LT.	8202	2054374.753	1084521.731	453+29.99
453+80.00	65.00' LT.	8203	2054374.624	1084571.731	453+80.00
453+80.00	55.00' LT.	8204	2054364.624	1084571.705	453+80.00

LEGEND

SECTION LINE
 QUARTER SECTION LINE
 QUARTER, QUARTER SECTION LINE
 PLATTED LOT LINES
 PROPERTY (DEED) LINE
 APPARENT PROPERTY LINE
 CENTERLINE
 EXISTING RIGHT OF WAY LINE
 PROPOSED RIGHT OF WAY LINE
 PROPOSED EASEMENT
 MEASURED DIMENSION
 COMPUTED DIMENSION
 RECORDED DIMENSION
 EXISTING BUILDING

GRAPHIC SCALE
 FEET
 0 50,100
 0 20,40
 0 30,60
 SCALE: 1" = 30'

- Bearings are referenced to the Illinois Coordinate System, NAD83, East Zone, as provided by the Illinois Department of Transportation.
- IRON PIPE OR ROD FOUND
 - ⊕ *MAG* NAIL SET
 - + CUT CROSS FOUND OR SET
 - 5/8" REBAR SET
 - T1 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.
 - T2
 - T3
 - 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

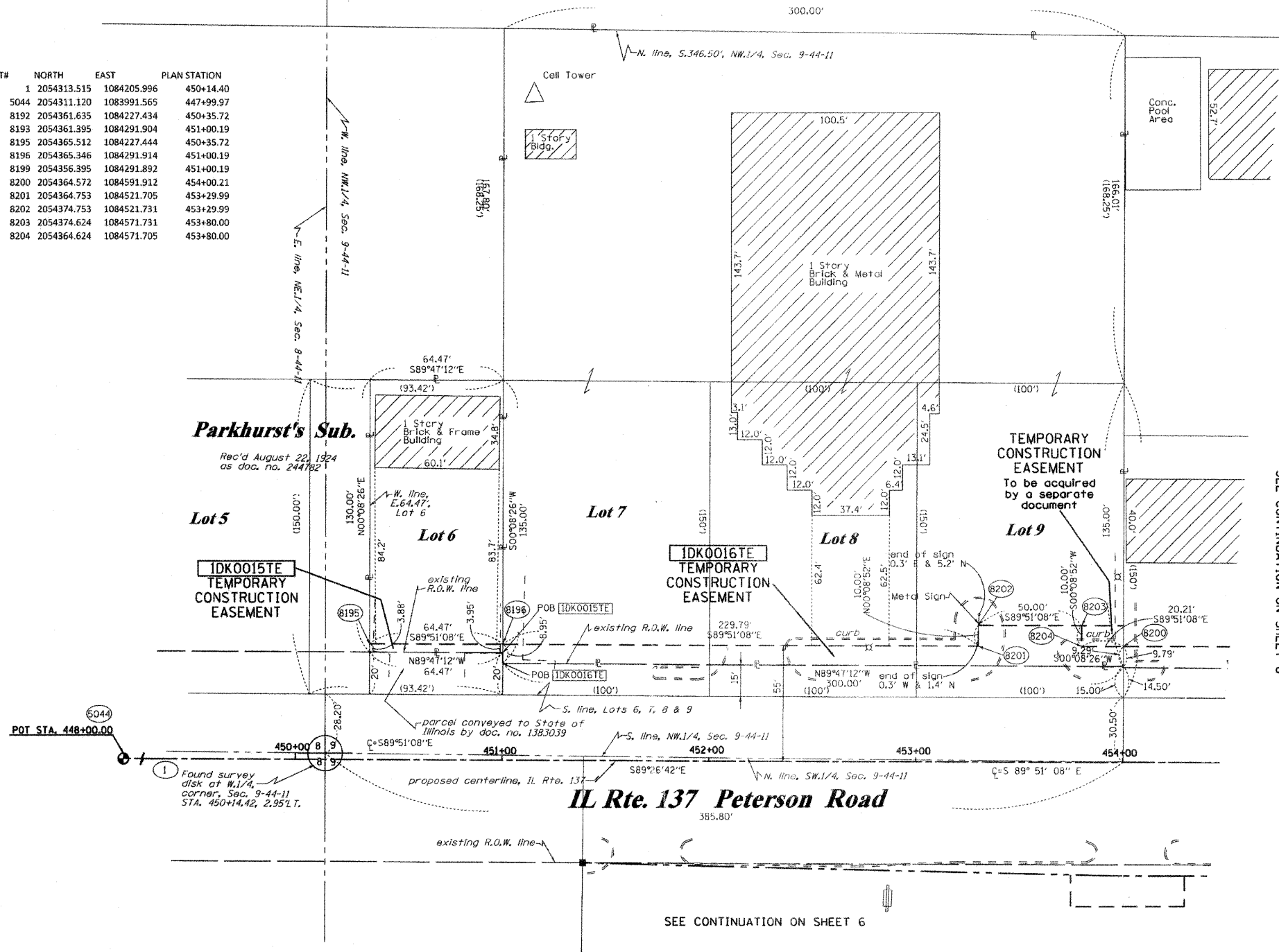
STATE OF ILLINOIS)
 COUNTY OF)

THIS IS TO CERTIFY THAT I, RONALD F. HODGEN, AN ILLINOIS PROFESSIONAL LAND SURVEYOR, (WE, RUETTIGER, TONELLI & ASSOCIATES, AN ILLINOIS PROFESSIONAL DESIGN FIRM LAND SURVEYING CORPORATION, NUMBER 89,) HAVE SURVEYED THE PLAT OF HIGHWAYS SHOWN HEREON IN SECTION 9, TOWNSHIP 44 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 _____, ILLINOIS THIS _____ DAY OF _____ 20____ A.D.

ILLINOIS PROFESSIONAL LAND SURVEYOR NO. 2630
 LICENSE EXPIRATION DATE: 11-30-2010

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



PARCEL NUMBER	OWNER	TOTAL HOLDINGS ACRES	PART TAKEN ACRES	AREA IN EXISTING R.O.W. ACRES	REMAINDER AREA ACRES	EASEMENT AREA		EASEMENT PURPOSE	PERMANENT INDEX NUMBER	PROPERTY ACQUIRED BY
						ACRES	SQUARE FEET			
IDK0015	DARREN M. BEAKE & JENNIFER M. BEAKE	0.192	N/A	N/A	0.192	0.006	252	CONST.	11-09-101-001	
IDK0016	CENTURY ELECTRIC SUPPLY COMPANY	2.079	N/A	N/A	2.079	0.074	N/A	CONST.	11-09-101-002 11-09-101-003	

NOTES:
 1. COORDINATES SHOWN ARE ILLINOIS STATE PLANE EAST ZONE, NAD 83 (2007), BASED ON NGS STATION MUND BM34 AND ITS PUBLISHED COORDINATES OF NORTH 2039591.13, EAST 1080478.83.

RECEIVED
 MAR 11 2011
 PLATS & LEGALS

RUETTIGER, TONELLI & ASSOCIATES, INC.
 Land Surveyors/Engineers/Planners/Landscape Architects/G.I.S. Consultants
 2174 ONEIDA STREET
 SOLETT, ILLINOIS 60435
 PH. (815) 744-8600 FAX (815) 744-0101

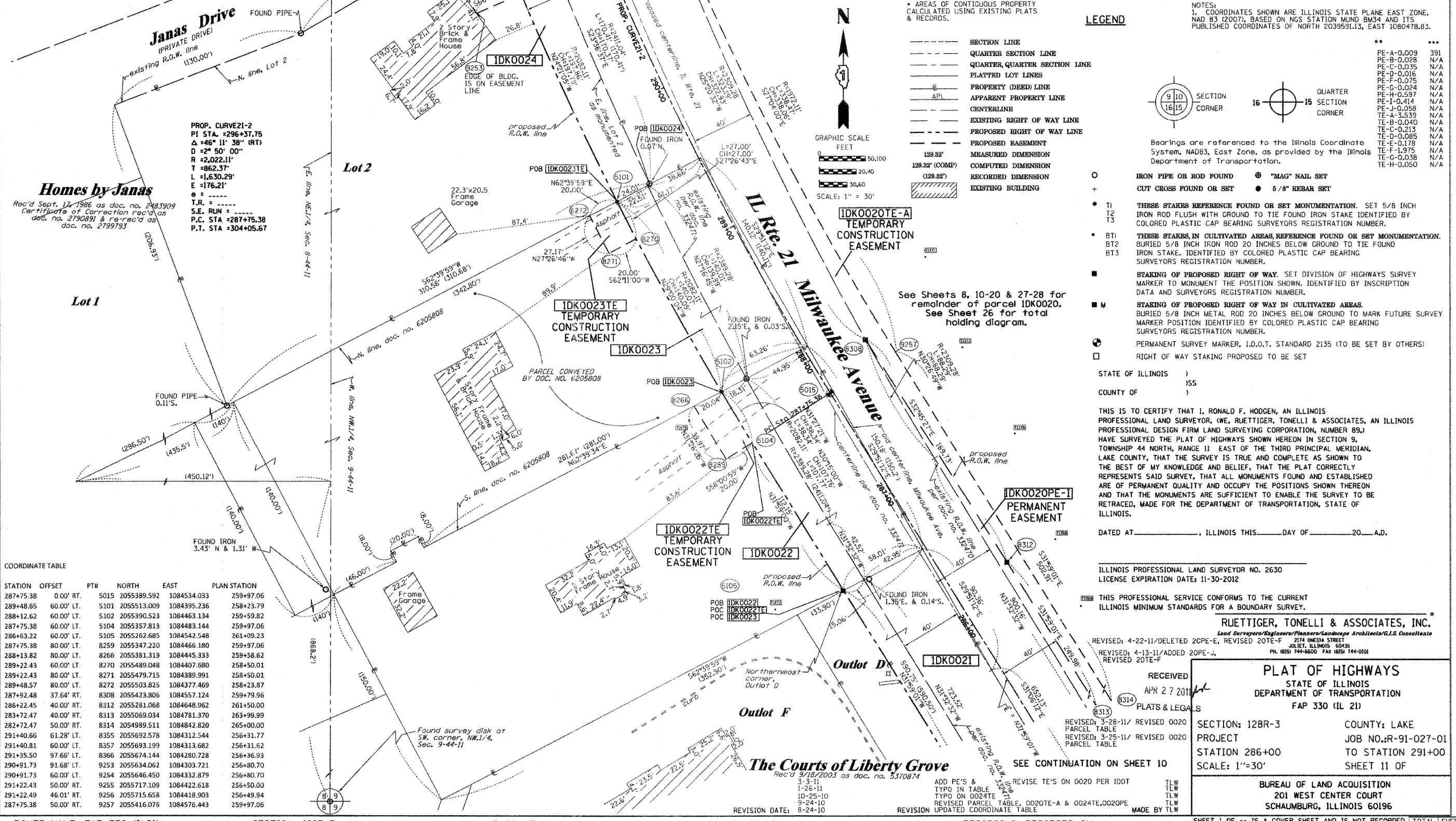
PLAT OF HIGHWAYS
 STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION
 FAP 330 (IL 21)

SECTION: 128R-3 COUNTY: LAKE
 PROJECT JOB NO.: R-91-027-01
 STATION 450+00 TO STATION 454+00
 SCALE: 1"=30' SHEET 9 OF

PART OF THE NW1/4 OF SECTION 9, TWP. 44 N., R. 11 E. OF THE 3RD. P.M., IN LAKE COUNTY ILLINOIS.
 SEE CONTINUATION ON SHEET 12

REFERENCE TABLE	FROM	BEARING\ANGLE	DISTANCE	TO	DESCRIPTION
5015	SE 77 49'24"	122.91	1370	5/8" REBAR WITH YELLOW CAP	
5015	NE 35 17'24"	107.20	1371	5/8" REBAR WITH YELLOW CAP	
5015	SW 79 13'15"	93.66	1475	5/8" REBAR WITH YELLOW CAP	
5105	NE 47 51'58"	160.53	1370	5/8" REBAR WITH YELLOW CAP	
5105	SW 74 35'41"	46.10	1472	5/8" REBAR WITH YELLOW CAP	
5105	NW 42 32'55"	148.51	1475	5/8" REBAR WITH YELLOW CAP	
8308	SE 58 12'56"	114.17	1370	5/8" REBAR WITH YELLOW CAP	
8308	NE 38 05'17"	65.94	1371	5/8" REBAR WITH YELLOW CAP	
8308	SE 85 24'52"	83.22	1372	5/8" REBAR WITH YELLOW CAP	
8312	NE 65 14'53"	34.69	1368	5/8" REBAR WITH YELLOW CAP	
8312	SE 59 22'23"	55.94	1369	5/8" REBAR WITH YELLOW CAP	
8312	NE 03 36'40"	82.77	1370	5/8" REBAR WITH YELLOW CAP	
8357	NW 85 48'55"	123.37	1377	5/8" REBAR WITH YELLOW CAP	
8357	NW 33 31'38"	77.25	1378	5/8" REBAR WITH YELLOW CAP	
8357	NE 55 24'13"	140.02	1379	5/8" REBAR WITH YELLOW CAP	

PARCEL NUMBER	OWNER	TOTAL HOLDINGS ACRES	PART TAKEN ACRES	AREA IN EXISTING R.O.W. ACRES	REMAINDER AREA ACRES	EASEMENT ACRES	AREA SQUARE FEET	EASEMENT PURPOSE	PERMANENT INDEX NUMBER	PROPERTY ACQUIRED BY
IDK0020	LAKE COUNTY FOREST PRESERVE DISTRICT	*802.4±	0.000	N/A	*802.4±	**	***	PROP. ROW CONST.	11-09-100-001 thru 11-04-300-003, 11-04-300-010, 11-04-300-013, 11-04-100-005	
IDK0021	LIBERTY GROVE LLC, F/K/A THE COURTS OF LIBERTY GROVE, LLC	0.854	0.854	0.643	N/A	N/A	N/A	N/A	11-09-100-020	
IDK0022	MICHAEL A. FENNEWALD & PAMELA FENNEWALD	1.210	0.209	0.154	1.001	0.018	N/A	CONST.	11-09-100-008	
IDK0023	THOMAS D. EVANS, JR. & CAROL H. EVANS, AS TRUSTEES OF THE CAROL H. EVANS LIVING TRUST	1.556	0.202	0.137	1.354	0.012	N/A	CONST.	11-09-100-021	
IDK0024	EDITH SIEG & WILLIAM M. LYERLY	1.368	0.114	N/A	1.254	0.038	N/A	CONST.	11-08-201-092	



COORDINATE TABLE

STATION	OFFSET	PTH	NORTH	EAST	PLAN STATION
287+75.38	0.00' RT.	5015	2055389.592	1084534.033	259+97.06
289+48.65	60.00' LT.	5101	2055513.009	1084395.236	258+23.79
288+12.62	60.00' LT.	5102	2055390.523	1084463.134	259+59.82
287+75.38	60.00' LT.	5104	2055357.813	1084483.144	259+97.06
286+63.22	60.00' LT.	5105	2055262.685	1084542.548	261+09.23
287+75.38	80.00' LT.	8259	2055347.220	1084466.180	259+97.06
288+13.82	80.00' LT.	8266	2055381.319	1084445.333	259+58.62
289+22.43	60.00' LT.	8270	2055489.048	1084407.680	258+50.01
289+22.43	80.00' LT.	8271	2055479.715	1084389.991	258+50.01
289+48.57	80.00' LT.	8272	2055503.825	1084377.469	258+23.87
287+92.48	37.64' RT.	8308	2055423.806	1084557.124	259+79.96
286+22.45	40.00' RT.	8312	2055281.068	1084648.962	261+50.00
283+72.47	40.00' RT.	8313	2055069.034	1084781.370	263+99.99
282+72.47	50.00' RT.	8314	2054989.511	1084842.820	265+00.00
291+40.66	61.28' LT.	8355	2055692.578	1084312.544	256+31.77
291+40.81	60.00' LT.	8357	2055693.199	1084313.682	256+31.62
291+35.50	97.66' LT.	8366	2055674.144	1084280.728	256+36.93
290+91.73	91.68' LT.	9253	2055634.062	1084303.721	256+80.70
290+91.73	60.00' LT.	9254	2055646.450	1084332.879	256+80.70
291+22.43	50.00' RT.	9255	2055717.109	1084422.618	256+50.00
291+22.49	46.01' RT.	9256	2055715.658	1084418.903	256+49.94
287+75.38	50.00' RT.	9257	2055416.076	1084576.443	259+97.06

LEGEND

- SECTION LINE
- QUARTER SECTION LINE
- QUARTER QUARTER SECTION LINE
- PLATTED LOT LINES
- PROPERTY (DEED) LINE
- APPARENT PROPERTY LINE
- CENTERLINE
- EXISTING RIGHT OF WAY LINE
- PROPOSED RIGHT OF WAY LINE
- PROPOSED EASEMENT
- MEASURED DIMENSION
- COMPUTED DIMENSION
- RECORDED DIMENSION
- EXISTING BUILDING

GRAPHIC SCALE
 0 50.00
 100.00
 150.00
 200.00
 30.00
 SCALE: 1" = 30'

NOTES:
 1. COORDINATES SHOWN ARE ILLINOIS STATE PLANE EAST ZONE, NAD 83 (2007), BASED ON NGS STATION MUND BM34 AND ITS PUBLISHED COORDINATES OF NORTH 2039591.13, EAST 1080478.83.

STATE OF ILLINOIS
COUNTY OF

THIS IS TO CERTIFY THAT I, RONALD F. HODGEN, AN ILLINOIS PROFESSIONAL LAND SURVEYOR, (WE, RUETTIGER, TONELLI & ASSOCIATES, AN ILLINOIS PROFESSIONAL DESIGN FIRM LAND SURVEYING CORPORATION, NUMBER 89,) HAVE SURVEYED THE PLAT OF HIGHWAYS SHOWN HEREON IN SECTION 9, TOWNSHIP 44 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 _____, ILLINOIS THIS _____ DAY OF _____ 20__ A.D.

ILLINOIS PROFESSIONAL LAND SURVEYOR NO. 2630
 LICENSE EXPIRATION DATE: 11-30-2012

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

RUETTIGER, TONELLI & ASSOCIATES, INC.
 Land Surveyors/Engineers/Planners/Landscape Architects/G.I.S. Consultants
 2174 ONIDA STREET
 DEPT. ILLINOIS 6095
 PH. (815) 744-6800 FAX (815) 744-0101

REVISED: 4-22-11/DELETED 20PE-E, REVISED 20TE-F
 REVISED: 4-13-11/ADDED 20PE-L, REVISED 20TE-F
 REVISED: 3-28-11/ REVISED 0020
 REVISED: 3-25-11/ REVISED 0020

RECEIVED
 APR 27 2011
 PLATS & LEGALS

SECTION: 128R-3 COUNTY: LAKE
 PROJECT JOB NO.: R-91-027-01
 STATION 286+00 TO STATION 291+00
 SCALE: 1"=30' SHEET 11 OF

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

ADD PE'S & TYPED IN TABLE
 TYPED IN TABLE
 TYPED IN TABLE
 REVISION DATE: 8-24-10 REVISION UPDATED COORDINATE TABLE MADE BY TLW

PART OF THE NE1/4 OF SECTION 8 AND THE NW1/4 OF SECTION 9, TWP. 44 N., R. 11 E. OF THE 3RD. P.M., IN LAKE COUNTY, ILLINOIS.

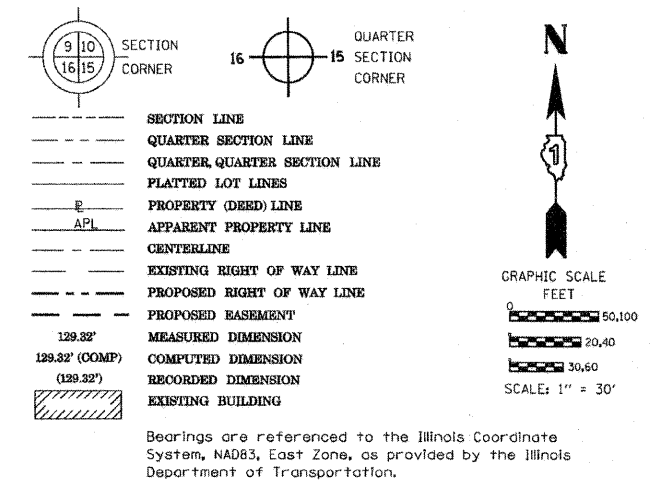
PARCEL NUMBER	OWNER	TOTAL HOLDINGS ACRES	PART TAKEN ACRES	AREA IN EXISTING R.O.W. ACRES	REMAINDER AREA ACRES	EASEMENT ACRES	AREA SQUARE FEET	EASEMENT PURPOSE	PERMANENT INDEX NUMBER	PROPERTY ACQUIRED BY
1DK0020	LAKE COUNTY FOREST PRESERVE	*802.4±	0.000	N/A	*802.4+/-	**	***	PROP. ROW CONST.	11-04-300-010 11-04-300-013 11-04-300-003 11-09-100-001 thru 004 11-04-100-005	
1DK0025	ANDREW K. JANAS	3.893	0.295	N/A	3.598	N/A	N/A	N/A	11-08-201-090 11-08-201-091	

COORDINATE TABLE

STATION	OFFSET	PT#	NORTH	EAST	PLAN STATION
295+93.90	60.00' LT.	5098	2056142.448	1084191.54	251+78.50
291+40.81	60.00' LT.	8357	2055693.199	1084313.682	256+31.62
291+90.03	60.00' LT.	8384	2055740.534	1084295.577	255+82.39
291+18.74	95.86' LT.	8368	2055658.532	1084288.983	256+53.69

SEE CONTINUATION ON SHEET 13

LEGEND



1DK0020TE-F
TEMPORARY
CONSTRUCTION
EASEMENT
See Sheet 13

See sheets 8, 10-20 & 27-28 for remainder of Parcel 1DK0020. See Sheet 26 for total holding diagram.

Resubdivision of Part of Lot 16 in Brookhill Park

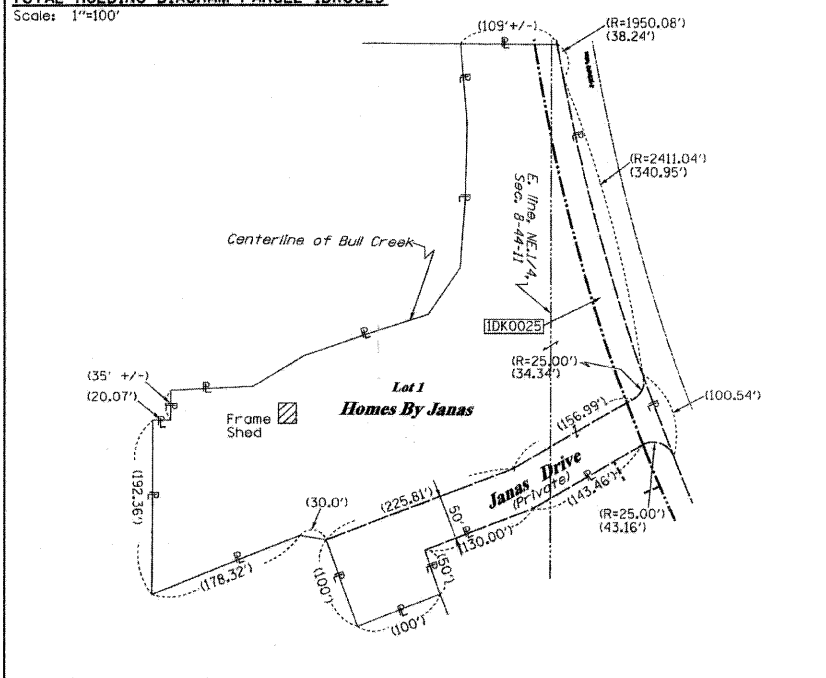
Rec'd April 3, 1969 as doc. no. 1416437

REFERENCE TIE TABLE

FROM	BEARING/ANGLE	DISTANCE	TO	DESCRIPTION
8357	NW 85°48'55"	123.37	1377	5/8" REBAR WITH YELLOW CAP
8357	NE 55°24'11"	140.02	1379	5/8" REBAR WITH YELLOW CAP
8357	NW 17°30'22"	448.41	1655	5/8" REBAR WITH YELLOW CAP
8384	SW 69°56'00"	111.72	1377	5/8" REBAR WITH YELLOW CAP
8384	NE 76°26'22"	137.19	1379	5/8" REBAR WITH YELLOW CAP
8384	NW 17°04'12"	397.83	1655	5/8" REBAR WITH YELLOW CAP

NOTES:
1. COORDINATES SHOWN ARE ILLINOIS STATE PLANE EAST ZONE, NAD 83 (2007), BASED ON NGS STATION MUND BM34 AND ITS PUBLISHED COORDINATES OF NORTH 2039591.13, EAST 1080478.83.

TOTAL HOLDING DIAGRAM PARCEL 1DK0025



See total holding diagram of Parcel 1DK0025 to the left

Lot 1

Homes By Janas

Rec'd Sept. 17, 1986 as doc. no. 2483909
Certificate of Correction rec'd as doc. no. 2790891 & re-rec'd as doc. no. 2799793

STATE OF ILLINOIS)
)SS
COUNTY OF)

THIS IS TO CERTIFY THAT I, RONALD F. HODGEN, AN ILLINOIS PROFESSIONAL LAND SURVEYOR, (WE, RUETTIGER, TONELLI & ASSOCIATES, AN ILLINOIS PROFESSIONAL DESIGN FIRM LAND SURVEYING CORPORATION, NUMBER 89,) HAVE SURVEYED THE PLAT OF HIGHWAYS SHOWN HEREON IN SECTION 9, TOWNSHIP 44 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 _____, ILLINOIS THIS _____ DAY OF _____ 20____ A.D.

ILLINOIS PROFESSIONAL LAND SURVEYOR NO. 2630
LICENSE EXPIRATION DATE: 11-30-2012

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

RECEIVED
APR 27 2011
PLATS & LEGALS
REVISED: 4-22-11/DELETED 20PE-E, REVISED 20TE-F
REVISED: 4-13-11/ADDED 20PE-J, REVISED 20TE-F

RUETTIGER, TONELLI & ASSOCIATES, INC.
Land Surveyors/Engineers/Planners/Landscape Architects/G.I.S. Consultants
2174 ONEDA STREET
SHELBY, ILLINOIS 60435
PH. (815) 744-6600 FAX (815) 744-0101

PLAT OF HIGHWAYS

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
FAP 330 (IL 21)

SECTION: 128R-3 COUNTY: LAKE
PROJECT JOB NO.: R-91-027-01
STATION 291+00 TO STATION 296+00
SCALE: 1"=30' SHEET 12 OF

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

PART OF THE NE1/4 OF SECTION 8 AND THE NW1/4 OF SECTION 9, TWP. 44 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 ACRES	EASEMENT AREA SQUARE FEET	EASEMENT PURPOSE	PERMANENT INDEX NUMBER	PROPERTY ACQUIRED BY
IDK0020	LAKE COUNTY FOREST PRESERVE	*802.4±	0.000	N/A	*802.4±	**	***	PROP. ROW CONST.	11-04-300-010 11-04-300-013 11-04-300-003 11-09-100-001 thru 004 11-04-100-005	
IDK0026	FRED STEVEN KAECHLE & TONI L. KAECHLE	0.952	0.054	N/A	0.898	N/A	N/A	N/A	11-08-201-051	
IDK0027	JOSE LUIS AGUILAR & CRESCENTIA G. AGUILAR	0.943	0.021	N/A	0.922	N/A	N/A	N/A	11-08-201-050	
IDK0028	ROBERT TERENCE MANWARING & SHEILA MABEL MANWARING	1.008	N/A	N/A	1.008	0.009	408	CONST.	11-08-201-061	

COORDINATE TABLE

IL ROUTE 21

STATION	OFFSET	PT#	NORTH	EAST	PLAN STATION
303+97.41	76.70' LT.	384	2056967.562	1084212.510	243+74.96
299+94.26	73.00' LT.	4007	2056553.985	1084156.160	247+78.13
298+02.65	64.18' LT.	4012	2056355.970	1084165.530	249+66.74
300+17.81	0.00' RT.	5041	2056574.246	1084230.271	247+54.57
296+91.92	60.00' LT.	5097	2056242.521	1084178.539	250+80.48
295+93.90	60.00' LT.	5098	2056142.448	1084191.540	251+78.50
297+84.15	60.00' LT.	8383	2056337.161	1084170.747	249+88.25
301+72.38	45.00' RT.	8442	2056272.143	1084289.447	246+00.00
298+27.40	45.00' RT.	8443	2056385.627	1084273.502	249+44.99
303+85.40	41.79' RT.	8448	2056227.514	1084324.686	243+86.97
296+32.40	44.82' RT.	8450	2056195.656	1084289.228	251+40.00
298+27.40	103.87' RT.	9220	2056387.861	1084332.330	249+44.99
297+85.86	103.46' RT.	9221	2056348.477	1084333.820	249+86.54
297+85.86	55.00' RT.	9222	2056345.644	1084285.443	249+86.54
295+72.41	55.00' RT.	9223	2056139.380	1084308.491	252+00.00
295+72.41	45.21' RT.	9224	2056137.781	1084298.834	252+00.00
297+72.40	55.00' RT.	9310	2056332.575	1084286.252	250+00.00
297+72.40	62.00' RT.	9311	2056333.031	1084293.237	250+00.00
298+27.40	62.00' RT.	9313	2056386.272	1084290.490	249+45.00
297+85.86	62.00' RT.	9343	2056346.053	1084292.431	249+86.54
304+25.98	41.79' RT.	9352	2056966.474	1084334.452	243+46.38
298+27.40	42.11' RT.	9359	2056385.517	1084270.610	249+44.99
297+72.40	42.62' RT.	9360	2056331.789	1084273.899	250+00.00

BROOKHILL ROAD FROM PLAT OF HIGHWAYS CENTERLINE

STATION	PT#	NORTH	EAST	
509+30.13	33.49' RT.	4007	2056553.985	1084156.160
507+00.00	0.00' RT.	5034	2056605.436	1083933.414
507+62.87	0.00' RT.	5035	2056605.450	1083996.281
508+38.72	0.00' RT.	5037	2056600.453	1084071.917
508+86.10	0.00' RT.	5038	2056594.209	1084118.882
509+15.89	0.00' RT.	5040	2056589.517	1084148.295
509+99.28	0.00' RT.	5041	2056574.246	1084230.271
507+35.48	28.83' RT.	8389	2056576.610	1083968.902
507+60.48	28.75' RT.	8390	2056576.699	1083993.900
507+60.48	45.02' RT.	8391	2056560.429	1083993.904
507+35.48	45.02' RT.	8392	2056560.424	1083968.904

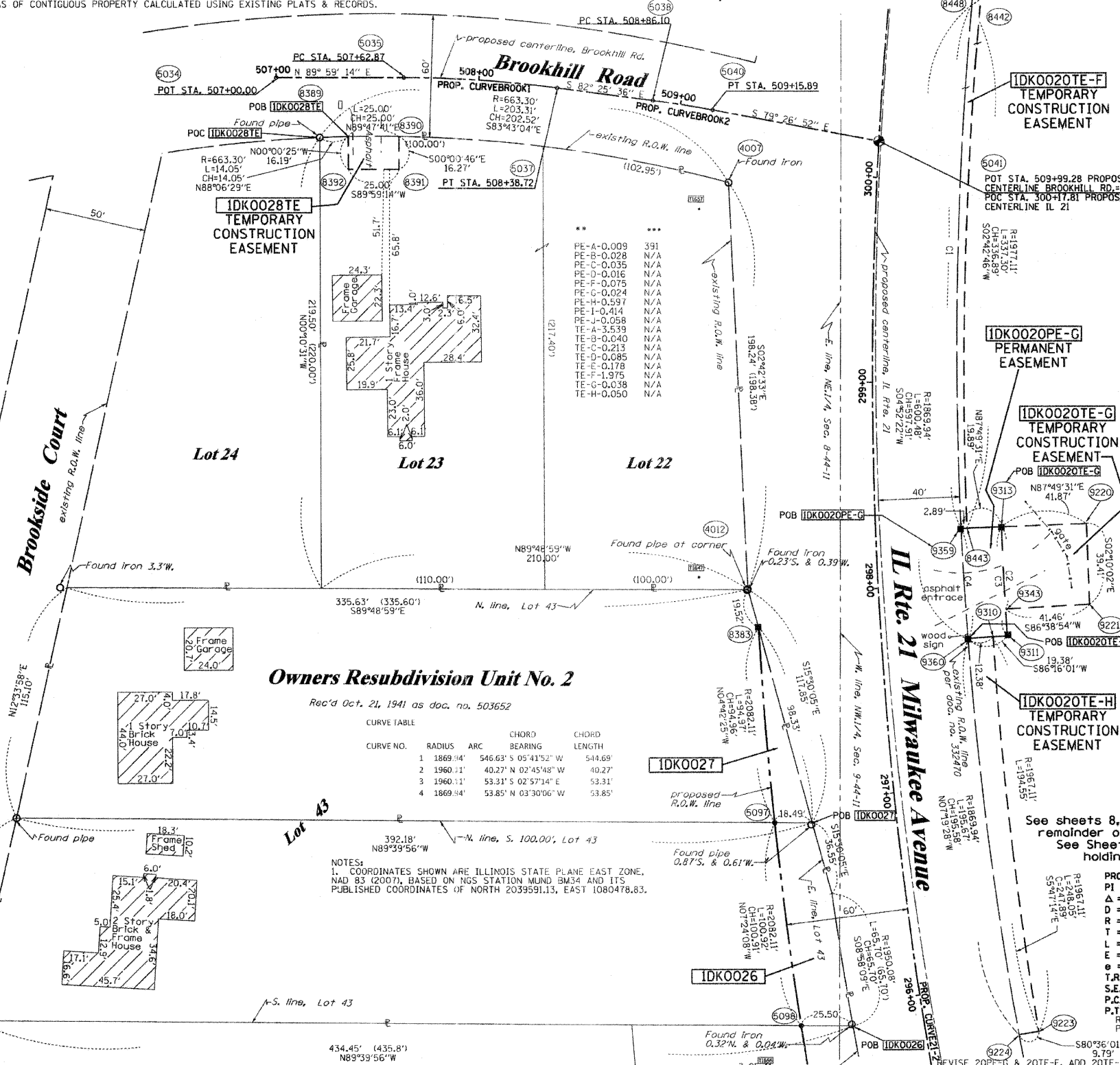
NOTE: PLAN CENTERLINE GEOMETRY IS NOT CONSISTENT WITH PLAT OF HIGHWAYS CENTERLINE GEOMETRY

BROOKHILL ROAD FROM PLAN CENTERLINE

STATION	PT#	NORTH	EAST	
509+29.48	29.33' RT.	4007	2056553.985	1084156.160
507+01.37	5.52' LT.	5034	2056605.437	1083933.414
507+64.24	5.05' LT.	5035	2056605.450	1083996.281
508+39.47	4.50' LT.	5037	2056600.453	1084071.917
508+86.74	5.03' LT.	5038	2056594.209	1084118.882
509+16.53	4.68' LT.	5040	2056589.517	1084148.295
509+99.86	1.51' LT.	5041	2056574.246	1084230.271
507+36.64	23.58' RT.	8389	2056576.610	1083968.902
507+61.64	23.68' RT.	8390	2056576.699	1083993.900
507+61.52	39.95' RT.	8391	2056560.429	1083993.904
507+36.51	39.76' RT.	8392	2056560.424	1083968.904

PROP. CURVEBROOK2
 PI STA. =509+01.00
 Δ = 2° 58' 42" (RT)
 D = 9° 59' 54"
 R = 573.05'
 T = 14.90'
 L = 29.79'
 E = 0.19'
 e =
 T.R. =
 S.E. RUN =
 P.C. STA = 508+86.10
 P.T. STA = 509+45.89

PROP. CURVEBROOK1
 PI STA. =508+00.85
 Δ = 1° 35' 10" (RT)
 D = 10° 00' 02"
 R = 572.93'
 T = 37.98'
 L = 75.86'
 E = 1.26'
 e =
 T.R. =
 S.E. RUN =
 P.C. STA = 507+62.87
 P.T. STA = 508+38.72



Owners Resubdivision Unit No. 2
 Rec'd Oct. 21, 1941 as doc. no. 503652

CURVE TABLE

CURVE NO.	RADIUS	ARC	CHORD	BEARING	CHORD LENGTH
1	1869.34'	546.63'	505'41'52" W	54.69'	
2	1960.11'	40.27' N 02°45'48" W	40.27'		
3	1960.11'	53.31' S 02°57'14" E	53.31'		
4	1869.34'	53.85' N 03°30'06" W	53.85'		

NOTES:
 1. COORDINATES SHOWN ARE ILLINOIS STATE PLANE EAST ZONE, NAD 83 (2007), BASED ON NGS STATION MUND BM34 AND ITS PUBLISHED COORDINATES OF NORTH 2039591.13, EAST 1080478.83.

LEGEND

- SECTION LINE
- QUARTER SECTION LINE
- QUARTER, QUARTER SECTION LINE
- PLATTED LOT LINES
- PROPERTY (DEED) LINE
- APL
- APPARENT PROPERTY LINE
- CENTERLINE
- EXISTING RIGHT OF WAY LINE
- PROPOSED RIGHT OF WAY LINE
- PROPOSED EASEMENT
- MEASURED DIMENSION
- COMPUTED DIMENSION
- RECORDED DIMENSION
- EXISTING BUILDING

IRON PIPE OR ROD FOUND "MAG" NAIL SET
 CUT CROSS FOUND OR SET 5/8" REBAR SET

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.

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.

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)

THIS IS TO CERTIFY THAT I, RONALD F. HODGEN, AN ILLINOIS PROFESSIONAL LAND SURVEYOR, (WE, RUETTIGER, TONELLI & ASSOCIATES, AN ILLINOIS PROFESSIONAL DESIGN FIRM LAND SURVEYING CORPORATION, NUMBER 89,) HAVE SURVEYED THE PLAT OF HIGHWAYS SHOWN HEREON IN SECTION 9, TOWNSHIP 44 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 _____, ILLINOIS THIS _____ DAY OF _____ 20____ A.D.

ILLINOIS PROFESSIONAL LAND SURVEYOR NO. 2630
 LICENSE EXPIRATION DATE: 11-30-2012

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

REVISED: 4-22-11/DELETED 20PE-E, REVISED 20TE-F
 REVISED: 4-13-11/ADDED 20PE-J, REVISED 20TE-F

BEARINGS ARE REFERENCED TO THE ILLINOIS COORDINATE SYSTEM, NAD83, EAST ZONE, AS PROVIDED BY THE ILLINOIS DEPARTMENT OF TRANSPORTATION.

GRAPHIC SCALE
 0 50,100
 20,40
 30,60
 SCALE: 1" = 30'

RECEIVED
 APR 27 2011

PLATS & LEGALS

PLAT OF HIGHWAYS
 STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION
 FAP 330 (IL 21)

SECTION: 128R-3 COUNTY: LAKE
 PROJECT JOB NO.: R-91-027-01
 STATION 296+00 TO STATION 301+00
 SCALE: 1"=30' SHEET 13 OF

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

PART OF THE NE1/4 OF SECTION 8 AND THE NW1/4 OF SECTION 9 AND SW 1/4 OF SECTION 4, TWP. 44 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 SQUARE FEET	EASEMENT PURPOSE	PERMANENT INDEX NUMBER	PROPERTY ACQUIRED BY
1DK0020	LAKE COUNTY FOREST PRESERVE	+802.4±	0.000	N/A	+802.4±	PROP. ROW CONST.	11-04-300-010 11-04-300-013 11-04-300-003 11-09-100-001 thru 004 11-04-100-005	
1DK0029	EDUARD F. SPETH & SUSAN M. SPETH	0.762	N/A	N/A	0.762	0.014	N/A	CONST.	11-08-201-020	
1DK0030	JEFFREY GIES & ESTRELLA GIES	0.579	0.088	N/A	0.491	0.015	N/A	CONST.	11-08-201-023	
1DK0031	WILLIAM DAVID NADLER & CHRISTINE S. NADLER, CO-TRUSTEES OF THE WILLIAM DAVID & CHRISTINE S. NADLER TRUST	0.473	0.084	N/A	0.389	0.029	N/A	CONST.	11-08-201-022	
1DK0032	CORNELIU SERB & MALIN SERB	0.522	0.051	N/A	0.471	0.047	N/A	CONST.	11-08-201-021	
1DK0033	CHICAGO TITLE LAND TRUST CO., SUCCESSOR TO AMERICAN NATIONAL BANK & TRUST CO. OF CHICAGO, AS TRUSTEE, TRUST NO. 116114-07	44.862	1.203	0.779	43.659	TE-A-0.017 TE-B-0.022	N/A	CONST.	11-04-300-005 11-05-400-010	

* AREAS OF CONTIGUOUS PROPERTY CALCULATED USING EXISTING PLATS & RECORDS.

NOTES:
1. COORDINATES SHOWN ARE ILLINOIS STATE PLANE EAST ZONE, NAD 83 (2007), BASED ON NGS STATION MDM B34 AND ITS PUBLISHED COORDINATES OF NORTH 2039591.13, EAST 1080478.83.

REFERENCE TIE TABLE

FROM	BEARING/ANGLE	DISTANCE	TO	DESCRIPTION
5013	SE 55°18'08"	131.86	1525	REBAR WITH CAP
5013	SE 17°32'52"	222.39	1527	REBAR WITH CAP
5013	SW 36°07'44"	195.34	1659	REBAR WITH CAP
5092	SE 75°15'18"	188.46	1526	REBAR WITH CAP
5092	SE 50°31'62"	192.74	1627	REBAR WITH CAP
5092	SW 26°08'23"	78.00	1659	REBAR WITH CAP
5093	NE 85°28'36"	207.37	1525	REBAR WITH CAP
5093	SE 53°14'48"	204.78	1527	REBAR WITH CAP
5093	SW 14°52'33"	70.84	1659	REBAR WITH CAP
8408	NE 58°50'43"	236.74	1627	REBAR WITH CAP
8408	NW 13°08'53"	29.03	1659	REBAR WITH CAP
8408	NE 04°58'01"	184.43	1659	REBAR WITH CAP

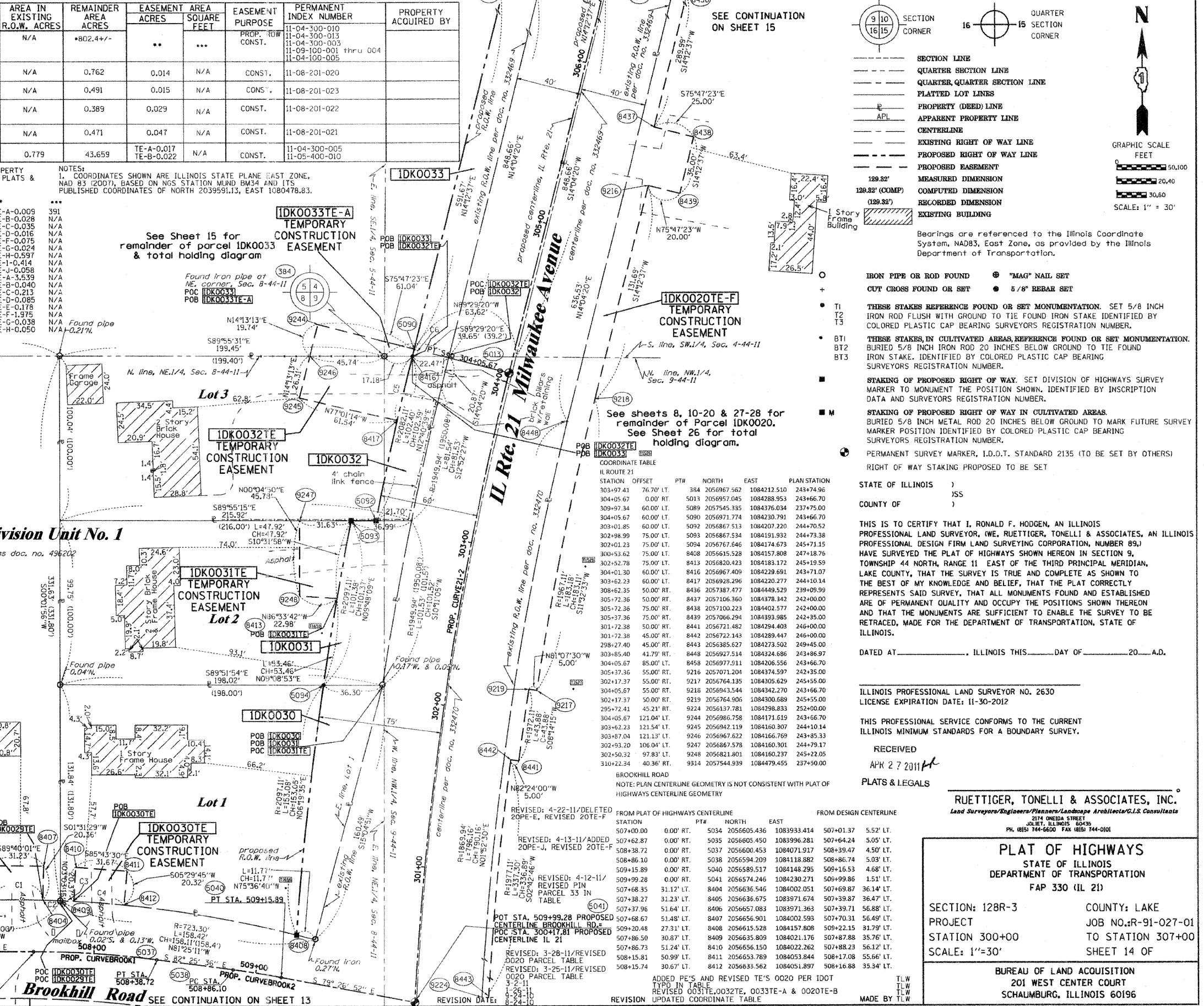
PROF. CURVE 21-2
PI STA. = 296+37.75
Δ = 46° 11' 38" (RT)
D = 2° 50' 00"
R = 2,022.11'
T = 862.37'
L = 1,630.29'
E = 176.21'
e =
T.R. =
S.E. RUN =
P.C. STA = 287+75.38
P.T. STA = 304+05.67

CURVE TABLE

NO.	LENGTH	RADIUS	CHORD	CHORD BRG
C1	30.38'	723.30'	30.38'	N89°45'20"W
C2	10.83'	723.30'	10.83'	N88°07'24"W
C3	8.31'	723.30'	8.31'	S87°21'55"E
C4	30.81'	723.30'	30.80'	N85°48'58"W
C5	40.23'	2082.11'	40.23'	S13°31'58"W
C6	4.50'	2082.11'	4.50'	S14°08'52"W

PROF. CURVE BROOK1
PI STA. = 508+00.85
Δ = 7° 35' 10" (RT)
D = 10° 00' 02"
R = 572.93'
T = 37.98'
L = 75.86'
E = 1.26'
e =
T.R. =
S.E. RUN =
P.C. STA = 507+62.87
P.T. STA = 508+38.72

PROF. CURVE BROOK2
PI STA. = 509+01.00
Δ = 2° 58' 42" (RT)
D = 9° 59' 54"
R = 573.05'
T = 14.90'
L = 29.79'
E = 0.19'
e =
T.R. =
S.E. RUN =
P.C. STA = 508+86.10
P.T. STA = 509+15.89



LEGEND

- SECTION CORNER
- QUARTER SECTION CORNER
- SECTION LINE
- QUARTER SECTION LINE
- QUARTER QUARTER SECTION LINE
- PLATTED LOT LINES
- PROPERTY (DEED) LINE
- APPARENT PROPERTY LINE
- CENTERLINE
- EXISTING RIGHT OF WAY LINE
- PROPOSED RIGHT OF WAY LINE
- PROPOSED EASEMENT
- MEASURED DIMENSION
- COMPUTED DIMENSION
- RECORDED DIMENSION
- EXISTING BUILDING

Bearings are referenced to the Illinois Coordinate System, NAD83, East Zone, as provided by the Illinois Department of Transportation.

IRON PIPE OR ROD FOUND
OUT CROSS FOUND OR SET

TI
T2
T3

BT1
BT2
BT3

■ M

RIGHT OF WAY STAKING PROPOSED TO BE SET

STATE OF ILLINOIS)
COUNTY OF)

ILLINOIS PROFESSIONAL LAND SURVEYOR NO. 2630
LICENSE EXPIRATION DATE: 11-30-2012

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

RECEIVED
APR 27 2011
PLATS & LEGALS

RUETTIGER, TONELLI & ASSOCIATES, INC.
Land Surveyors/Engineers/Planners/Landscape Architects/C.I.S. Consultants
2174 OREGON STREET
JOLIET, ILLINOIS 60435
PH. (815) 744-6600 FAX (815) 744-0101

PLAT OF HIGHWAYS
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
FAP 330 (IL 21)

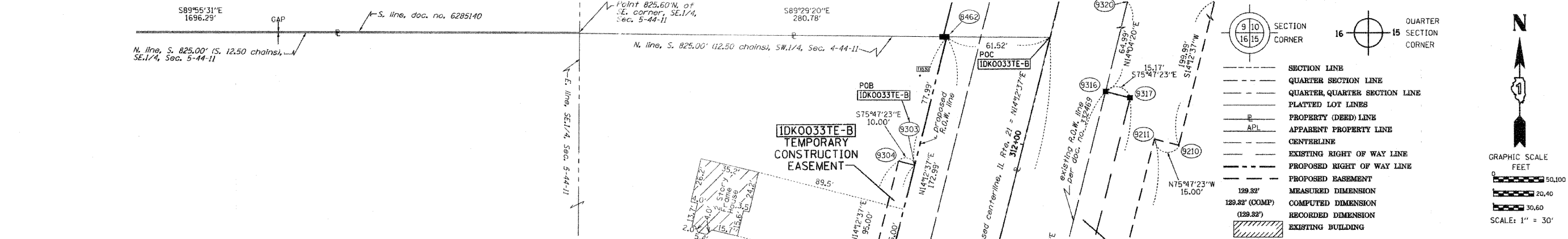
SECTION: 128R-3 COUNTY: LAKE
PROJECT: JOB NO.: R-91-027-01
STATION 300+00 TO STATION 307+00
SCALE: 1"=30' SHEET 14 OF

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

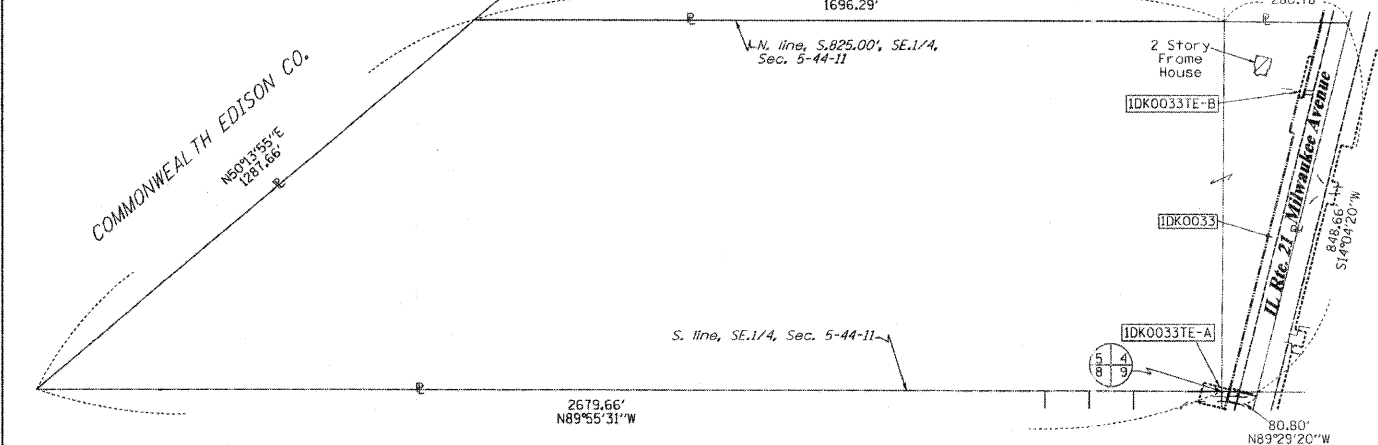
T.L.W.
T.L.W.
T.L.W.

MADE BY T.L.W.

PART OF THE SE1/4 OF SECTION 5 AND THE SW1/4 OF SECTION 4, TWP. 44 N., R. 11 E. OF THE 3RD. P.M., IN LAKE COUNTY, ILLINOIS. SEE CONTINUATION ON SHEET 16



TOTAL HOLDING DIAGRAM PARCEL 1DK0033
Scale: 1"=200'



COORDINATE TABLE

STATION	OFFSET	PT#	NORTH	EAST	PLAN STATION
303+97.41	76.70' LT.	384	2056967.562	1084212.510	243+74.96
310+77.33	60.00' LT.	5086	2057622.883	1084395.673	236+95.00
310+77.33	70.00' LT.	5087	2057625.338	1084385.978	236+95.00
309+97.34	70.00' LT.	5088	2057547.790	1084366.341	237+75.00
309+97.34	60.00' LT.	5089	2057545.335	1084376.034	237+75.00
304+05.67	60.00' LT.	5090	2056971.774	1084230.791	243+66.70
309+12.35	50.00' RT.	8433	2057435.947	1084461.803	238+59.99
309+12.35	65.00' RT.	8434	2057432.265	1084476.344	238+59.99
308+62.35	65.00' RT.	8435	2057383.795	1084464.070	239+09.99
308+62.35	50.00' RT.	8436	2057387.477	1084449.529	239+09.99
305+72.36	50.00' RT.	8437	2057106.360	1084378.342	242+00.00
303+85.40	41.79' RT.	8448	2056927.514	1084324.686	243+86.97
312+50.32	60.00' LT.	8462	2057790.582	1084438.140	235+22.01
314+22.32	90.00' RT.	9209	2057920.493	1084625.768	233+50.00
312+22.33	90.00' RT.	9210	2057726.623	1084576.674	235+50.00
312+22.33	75.00' RT.	9211	2057730.305	1084562.133	235+50.00
309+97.19	75.00' RT.	9212	2057512.054	1084506.865	237+75.15
309+97.19	50.00' RT.	9214	2057518.191	1084482.630	237+75.15
311+72.33	60.00' LT.	9303	2057714.977	1084418.994	236+00.00
311+72.33	70.00' LT.	9304	2057717.432	1084409.299	236+00.00
310+22.34	40.36' RT.	9314	2057544.939	1084479.455	237+50.00
310+22.34	55.00' RT.	9315	2057541.344	1084493.651	237+50.00
312+42.33	39.83' RT.	9316	2057758.328	1084532.944	235+30.00
312+42.33	55.00' RT.	9317	2057754.603	1084547.654	235+30.00
313+07.32	39.67' RT.	9320	2057821.368	1084548.746	234+65.00
304+25.98	41.79' RT.	9352	2056966.474	1084334.452	243+46.38

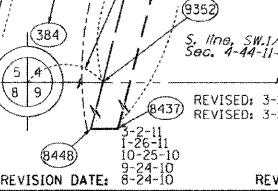
* AREAS OF CONTIGUOUS PROPERTY CALCULATED USING EXISTING PLATS & RECORDS.

PE-A-0.009	391
PE-B-0.028	N/A
PE-C-0.035	N/A
PE-D-0.016	N/A
PE-F-0.075	N/A
PE-G-0.024	N/A
PE-H-0.597	N/A
PE-I-0.414	N/A
PE-J-0.058	N/A
TE-A-3.539	N/A
TE-B-0.040	N/A
TE-C-0.213	N/A
TE-D-0.085	N/A
TE-E-0.178	N/A
TE-F-1.975	N/A
TE-G-0.039	N/A
TE-H-0.050	N/A

See Sheet 14 for remainder of parcel 1DK0033. See total holding diagram above.

N.W. line, SW1/4, Sec. 4-44-11

PARCEL NUMBER	OWNER	TOTAL HOLDINGS ACRES	PART TAKEN ACRES	AREA IN EXISTING R.O.W. ACRES	REMAINDER AREA ACRES	EASEMENT AREA ACRES	EASEMENT AREA SQUARE FEET	EASEMENT PURPOSE	PERMANENT INDEX NUMBER	PROPERTY ACQUIRED BY
1DK0020	LAKE COUNTY FOREST PRESERVE	•802.4±	0.000	N/A	•802.4±	**	***	PE-PROP. ROW CONST.	11-04-300-010 11-04-300-013 11-04-300-003 11-09-100-001 thru 004 11-04-100-005	
1DK0033	CHICAGO TITLE LAND TRUST CO., SUCCESSOR TO AMERICAN NATIONAL BANK & TRUST CO. OF CHICAGO, AS TRUSTEE, TRUST NO. 116114-07	44.862	1.203	0.779	43.659	TE-A-0.017 TE-B-0.022	N/A	CONST.	11-04-300-005	



REVISION DATE: 8-24-10
REVISION UPDATED COORDINATE TABLE

LEGEND

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

Bearings are referenced to the Illinois Coordinate System, NAD83, East Zone, as provided by the Illinois Department of Transportation.

GRAPHIC SCALE
FEET
0 50.00
20.00
30.00
SCALE: 1" = 30'

- IRON PIPE OR ROD FOUND
- CUT CROSS FOUND OR SET
- "MAG" NAIL SET
- 5/8" REBAR SET
- TI
T2
T3
- BT1
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.
- 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)

THIS IS TO CERTIFY THAT I, RONALD F. HODGEN, AN ILLINOIS PROFESSIONAL LAND SURVEYOR, (WE, RUETTIGER, TONELLI & ASSOCIATES, AN ILLINOIS PROFESSIONAL DESIGN FIRM LAND SURVEYING CORPORATION, NUMBER 89.) HAVE SURVEYED THE PLAT OF HIGHWAYS SHOWN HEREON IN SECTIONS 4 AND 5, TOWNSHIP 44 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 _____, ILLINOIS THIS _____ DAY OF _____ 20____ A.D.

ILLINOIS PROFESSIONAL LAND SURVEYOR NO. 2630
LICENSE EXPIRATION DATE: 11-30-2012

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

RECEIVED
APR 27 2011
PLATS & LEGALS

RUETTIGER, TONELLI & ASSOCIATES, INC.
Land Surveyors/Engineers/Planners/Landscape Architects/G.I.S. Consultants
214 ONEIDA STREET
JOLIET, ILLINOIS 60435
PK (815) 744-6600 FAX (815) 744-0101

PLAT OF HIGHWAYS
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
FAP 330 (IL 21)

SECTION: 128R-3 COUNTY: LAKE
PROJECT JOB NO.: R-91-027-01
STATION 307+00 TO STATION 313+00
SCALE: 1"=30' SHEET 15 OF

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

PART OF THE SE1/4 OF SECTION 5 AND THE SW1/4 OF SECTION 4, TWP. 44 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 ACRES	AREA SQUARE FEET	EASEMENT PURPOSE	PERMANENT INDEX NUMBER	PROPERTY ACQUIRED BY
1DK0020	LAKE COUNTY FOREST PRESERVE	*802.4+/-	0.000	N/A	*802.4+/-	**	***	PROP. ROW CONST.	11-04-300-010 11-04-300-013 11-04-300-003 11-09-100-001 thru 004 11-04-100-005	
1DK0034	LAKE COUNTY FOREST PRESERVE DIST.	15.385	0.000	N/A	15.385	PE-0.167 TE-0.701	N/A	PROP. ROW CONST.	11-05-400-018 11-05-400-018-8001	

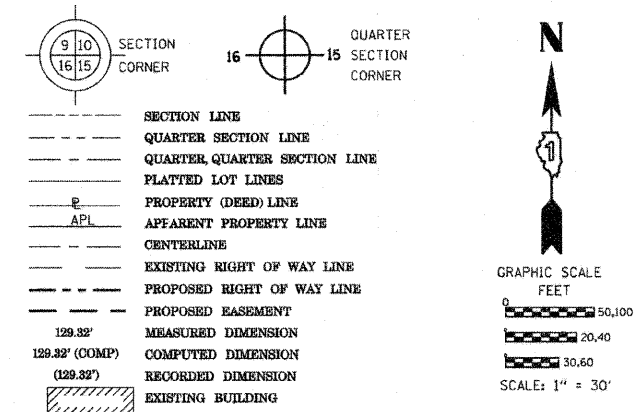
* Areas of contiguous property calculated using existing plats & records

**

PE-A-0.009 391
PE-B-0.028 N/A
PE-C-0.035 N/A
PE-D-0.016 N/A
PE-E-0.075 N/A
PE-F-0.024 N/A
PE-G-0.597 N/A
PE-H-0.414 N/A
PE-I-0.058 N/A
PE-J-3.539 N/A
TE-A-0.040 N/A
TE-B-0.213 N/A
TE-C-0.085 N/A
TE-D-0.178 N/A
TE-E-1.975 N/A
TE-F-0.038 N/A
TE-H-0.050 N/A

SEE CONTINUATION ON SHEET 17

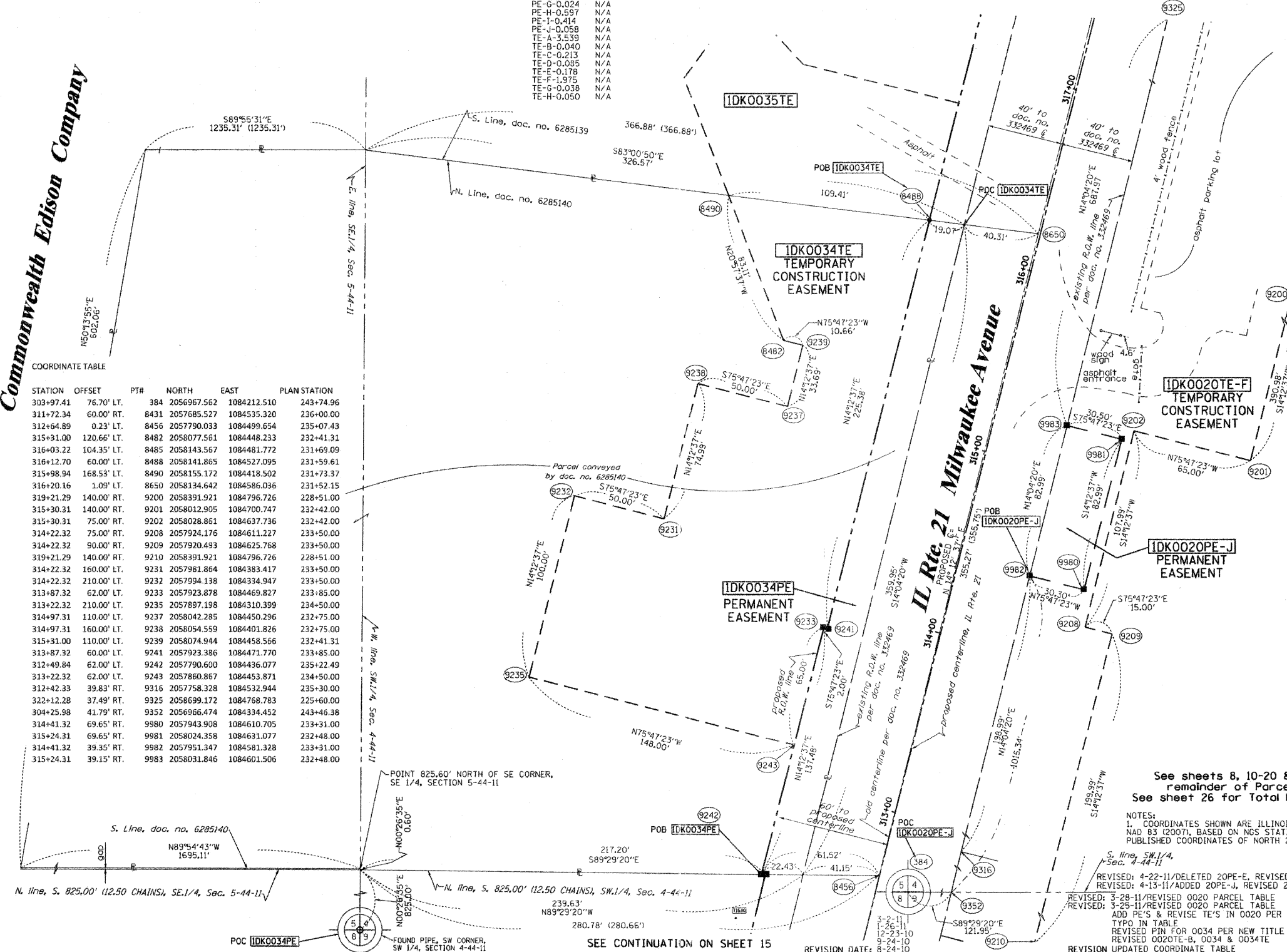
LEGEND



Commonwealth Edison Company

COORDINATE TABLE

STATION	OFFSET	PTH	NORTH	EAST	PLAN STATION
303+97.41	76.70' LT.	384	2056967.562	1084212.510	243+74.96
311+72.34	60.00' RT.	8431	2057685.527	1084535.320	236+00.00
312+64.89	0.23' LT.	8456	2057790.033	1084499.654	235+07.43
315+31.00	120.66' LT.	8482	2058077.561	1084448.233	232+41.31
316+03.22	104.35' LT.	8485	2058143.567	1084481.772	231+69.09
316+12.70	60.00' LT.	8488	2058141.865	1084527.095	231+59.61
315+98.94	168.53' LT.	8490	2058155.172	1084418.502	231+73.37
316+20.16	1.09' LT.	8650	2058134.642	1084586.036	231+52.15
319+21.29	140.00' RT.	9200	2058391.921	1084796.726	228+51.00
315+30.31	140.00' RT.	9201	2058012.905	1084700.747	232+42.00
315+30.31	75.00' RT.	9202	2058028.861	1084637.736	232+42.00
314+22.32	75.00' RT.	9208	2057924.176	1084611.227	233+50.00
314+22.32	90.00' RT.	9209	2057920.493	1084625.768	233+50.00
319+21.29	140.00' RT.	9210	2058391.921	1084796.726	228+51.00
314+22.32	160.00' LT.	9231	2057981.864	1084383.417	233+50.00
314+22.32	210.00' LT.	9232	2057994.138	1084334.947	233+50.00
313+87.32	62.00' LT.	9233	2057923.878	1084469.827	233+85.00
313+22.32	210.00' LT.	9235	2057897.198	1084310.399	234+50.00
314+97.31	110.00' LT.	9237	2058042.285	1084450.296	232+75.00
314+97.31	160.00' LT.	9238	2058054.559	1084401.826	232+75.00
315+31.00	110.00' LT.	9239	2058074.944	1084458.566	232+41.31
313+87.32	60.00' LT.	9241	2057923.386	1084471.770	233+85.00
312+49.84	62.00' LT.	9242	2057790.600	1084436.077	235+22.49
313+22.32	62.00' LT.	9243	2057860.867	1084453.871	234+50.00
312+42.33	39.83' RT.	9316	2057758.328	1084532.944	235+30.00
322+12.28	37.49' RT.	9325	2058699.172	1084768.783	225+60.00
304+25.98	41.79' RT.	9352	2056966.474	1084334.452	243+46.38
314+41.32	69.65' RT.	9980	2057943.908	1084610.705	233+31.00
315+24.31	69.65' RT.	9981	2058024.358	1084631.077	232+48.00
314+41.32	39.35' RT.	9982	2057951.347	1084581.328	233+31.00
315+24.31	39.15' RT.	9983	2058031.846	1084601.506	232+48.00



- IRON PIPE OR ROD FOUND
- ⊕ "MAG" NAIL SET
- + CUT CROSS FOUND OR SET
- 5/8" REBAR SET
- T1 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.
- T2
- T3
- 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.
- 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)

THIS IS TO CERTIFY THAT I, RONALD F. HODGEN, AN ILLINOIS PROFESSIONAL LAND SURVEYOR, (WE, RUETTIGER, TONELLI & ASSOCIATES, AN ILLINOIS PROFESSIONAL DESIGN FIRM LAND SURVEYING CORPORATION, NUMBER 89,) HAVE SURVEYED THE PLAT OF HIGHWAYS SHOWN HEREON IN SECTIONS 4 AND 5, TOWNSHIP 44 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 _____, ILLINOIS THIS _____ DAY OF _____ 20____ A.D.

ILLINOIS PROFESSIONAL LAND SURVEYOR NO. 2630
LICENSE EXPIRATION DATE: 11-30-2012

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

RECEIVED
APR 27 2011
PLATS & LEGALS

RUETTIGER, TONELLI & ASSOCIATES, INC.
Lead Surveyors/Engineers/Planners/Landscape Architects/G.I.S. Consultants
2174 ONEIDA STREET
JOLIET, ILLINOIS 60438
PH. (815) 744-6600 FAX (815) 744-0101

PLAT OF HIGHWAYS
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
FAP 330 (IL 21)

SECTION: 128R-3 COUNTY: LAKE
PROJECT JOB NO.: R-91-027-01
STATION 313+00 TO STATION 317+00
SCALE: 1"=30' SHEET 16 OF

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

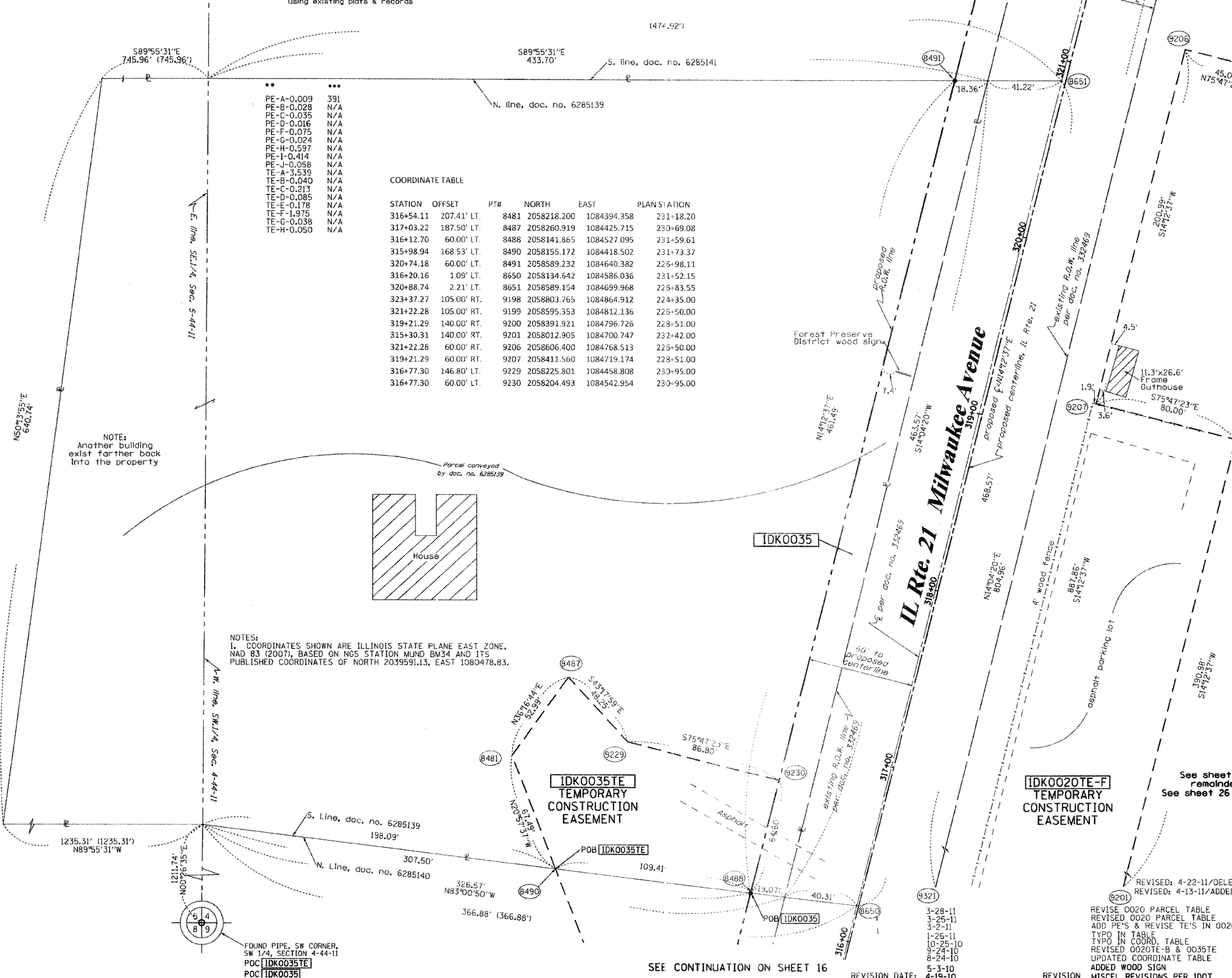
See sheets 8, 10-20 & 27-28 for remainder of Parcel 1DK0020
See sheet 26 for Total Holding Diagram

NOTES:
1. COORDINATES SHOWN ARE ILLINOIS STATE PLANE EAST ZONE, NAD 83 (2007), BASED ON NGS STATION MUMD BM34 AND ITS PUBLISHED COORDINATES OF NORTH 2039591.13, EAST 1080478.83.
REVISED: 4-22-11/DELETED 20PE-E, REVISED 20TE-F
REVISED: 4-13-11/ADDED 20PE-J, REVISED 20TE-F
REVISED: 3-28-11/REVISED 0020 PARCEL TABLE
REVISED: 3-25-11/REVISED 0020 PARCEL TABLE
ADD PFS & REVISE TE'S IN 0020 PER IDOT
TYPO IN TABLE
REVISED PIN FOR 0034 PER NEW TITLE
REVISED 0020TE-B, 0034 & 0034TE
REVISION UPDATED COORDINATE TABLE

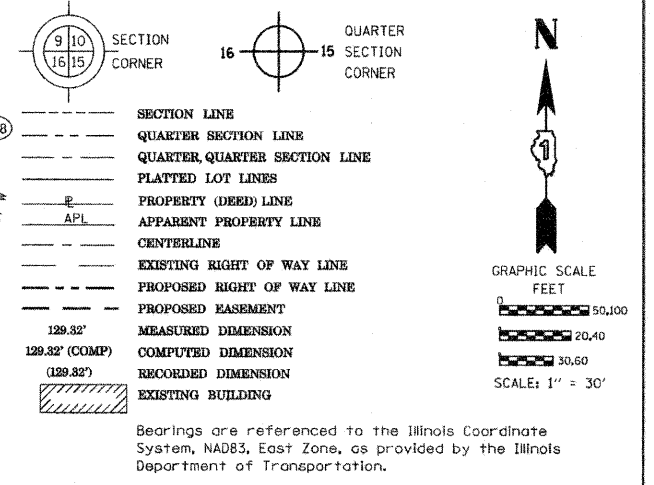
PART OF THE SE1/4 OF SECTION 5 AND THE SW1/4 OF SECTION 4, TWP. 44 N., R. 11 E. OF THE 3RD. P.M., IN LAKE COUNTY, ILLINOIS.

PARCEL NUMBER	OWNER	TOTAL HOLDINGS ACRES	PART TAKEN ACRES	AREA IN EXISTING R.O.W. ACRES	REMAINDER AREA ACRES	EASEMENT ACRES	AREA SQUARE FEET	EASEMENT PURPOSE	PERMANENT INDEX NUMBER	PROPERTY ACQUIRED BY
IDK0020	LAKE COUNTY FOREST PRESERVE	•802.0+/-	0.000	N/A	•802.4+/-	**	***	PROP. ROW CONST.	11-04-300-010 11-04-300-013 11-04-300-003 11-09-100-001 thru 004 11-04-100-005	
IDK0035	LIBERTY PRAIRIE CONSERVANCY, AN ILLINOIS NOT-FOR-PROFIT CORPORATION	13.104	0.195	N/A	12.909	0.236	N/A	CONST.	11-04-300-016	

* Areas of contiguous property calculated using existing plats & records



LEGEND



- IRON PIPE OR ROD FOUND
- + CUT CROSS FOUND OR SET
- T1 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.
- 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)
 THIS IS TO CERTIFY THAT I, RONALD F. HODGEN, AN ILLINOIS PROFESSIONAL LAND SURVEYOR, (WE, RUETTIGER, TONELLI & ASSOCIATES, AN ILLINOIS PROFESSIONAL DESIGN FIRM LAND SURVEYING CORPORATION, NUMBER 89,) HAVE SURVEYED THE PLAT OF HIGHWAYS SHOWN HEREON IN SECTIONS 4 AND 5, TOWNSHIP 44 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 _____, ILLINOIS THIS _____ DAY OF _____, 20____ A.D.

ILLINOIS PROFESSIONAL LAND SURVEYOR NO. 2630
 LICENSE EXPIRATION DATE: 11-30-2012

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

RUETTIGER, TONELLI & ASSOCIATES, INC.
 Land Surveyors/Engineers/Planners/Landscape Architects/G.I.S. Consultants
 2174 ONEIDA STREET
 JOLIET, ILLINOIS 60439
 PH. (815) 744-6600 FAX (815) 744-0101

RECEIVED
 APR 27 2011
 PLATS & LEGALS

SECTION: 128R-3 COUNTY: LAKE
 PROJECT: JOB NO. R-91-027-01
 STATION 316+00 TO STATION 321+00
 SCALE: 1"=30' SHEET 17 OF

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

PART OF THE SE1/4 OF SECTION 5 AND THE SW1/4 OF SECTION 4, TWP. 44 N., R. 11 E. OF THE 3RD. P.M., IN LAKE COUNTY, ILLINOIS. SEE CONTINUATION ON SHEET 19

PARCEL NUMBER	OWNER	TOTAL HOLDINGS ACRES	PART TAKEN ACRES	AREA IN EXISTING R.O.W. ACRES	REMAINDER AREA ACRES	EASEMENT ACRES	AREA SQUARE FEET	EASEMENT PURPOSE	PERMANENT INDEX NUMBER	PROPERTY ACQUIRED BY
IDK0020	LAKE COUNTY FOREST PRESERVE	*802.4+	0.000	N/A	*802.4+/-	**	***	PE-PROP. ROW CONST.	11-04-300-010 11-04-300-013 11-04-300-003 11-09-100-001 thru 004 11-04-100-005	
IDK0036	LIBERTYVILLE TOWNSHIP	5.400	0.122	N/A	5.278	0.054	N/A	CONST.	11-05-400-019	
IDK0037	THE TOWN OF LIBERTYVILLE	12.031	1.557	0.836	10.474	N/A	N/A	N/A	11-04-300-002	

* AREAS OF CALCULATED CONTIGUOUS PROPERTY USING EXISTING PLATS & RECORDS.

NOTES:
1. COORDINATES SHOWN ARE ILLINOIS STATE PLANE EAST ZONE, NAD 83 (2007), BASED ON NGS STATION MUND BM34 AND ITS PUBLISHED COORDINATES OF NORTH 2039591.13, EAST 1080478.83.

COORDINATE TABLE

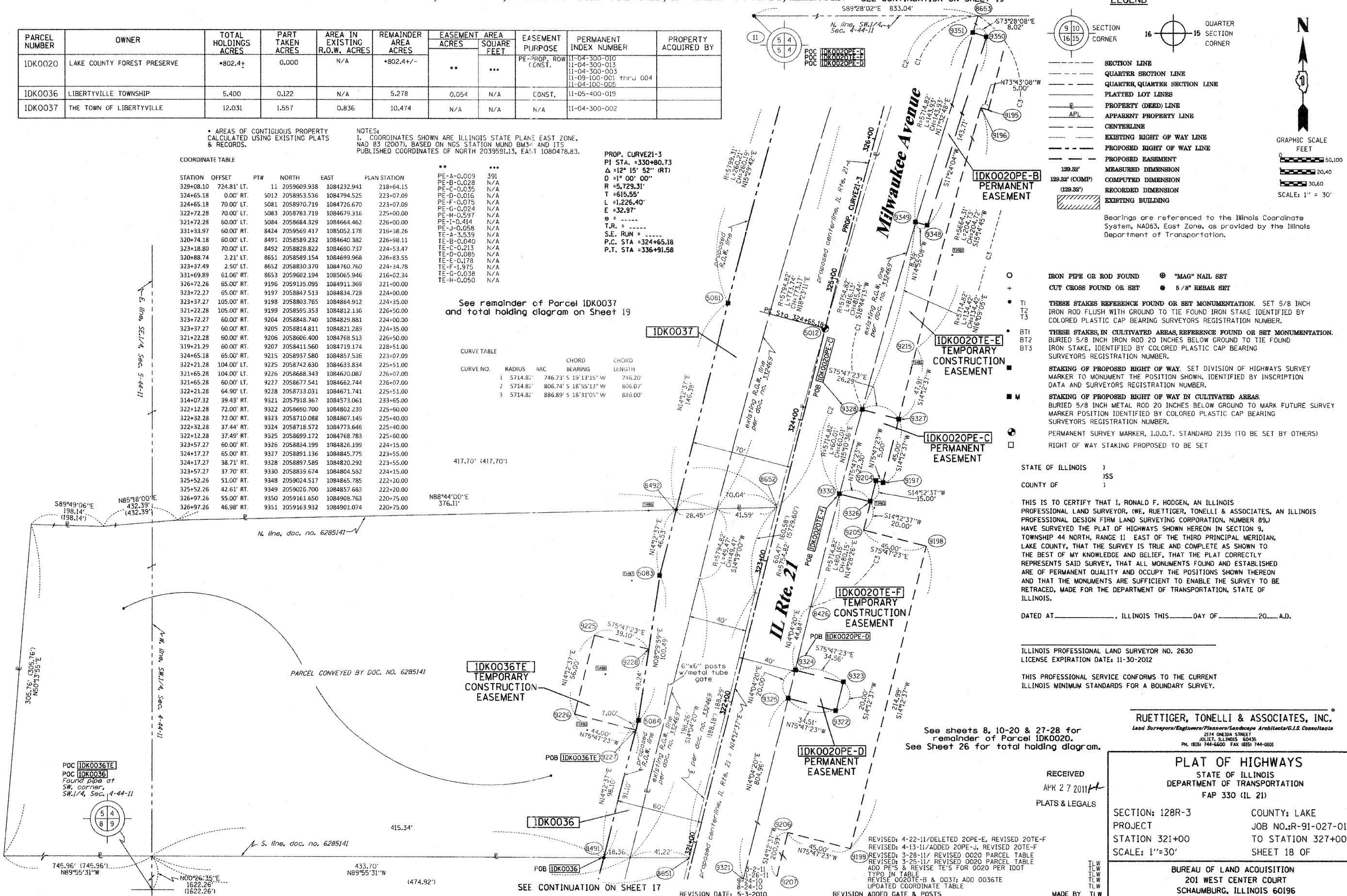
STATION	OFFSET	PTH	NORTH	EAST	PLAN STATION
329+08.10	724.81' LT.	11	2059609.938	1084232.941	218+64.15
324+65.18	0.00' RT.	5012	2058953.536	1084794.525	223+07.09
324+65.18	70.00' LT.	5081	2058970.719	1084726.670	223+07.09
322+72.28	70.00' LT.	5083	2058783.719	1084679.316	225+00.00
321+72.28	60.00' LT.	5084	2058684.329	1084664.462	226+00.00
331+33.97	60.00' RT.	8424	2059569.417	1085052.178	216+38.26
320+74.18	60.00' LT.	8491	2058589.232	1084640.382	226+98.11
323+18.80	70.00' LT.	8492	2058828.822	1084690.737	224+53.47
320+88.74	2.21' LT.	8651	2058589.154	1084699.968	226+83.55
323+37.49	2.50' LT.	8652	2058830.370	1084760.760	224+34.78
331+69.89	61.06' RT.	8653	2059602.194	1085065.946	216+02.34
326+72.26	65.00' RT.	9196	2059135.095	1084911.369	221+00.00
323+72.27	65.00' RT.	9197	2058847.513	1084834.728	224+00.00
323+37.27	105.00' RT.	9198	2058803.765	1084864.912	224+35.00
321+22.28	105.00' RT.	9199	2058595.353	1084812.136	226+50.00
323+72.27	60.00' RT.	9204	2058848.740	1084829.881	224+00.00
323+37.27	60.00' RT.	9205	2058814.811	1084821.289	224+35.00
321+22.28	60.00' RT.	9206	2058606.400	1084768.513	226+50.00
319+21.29	60.00' RT.	9207	2058411.560	1084719.174	228+51.00
324+65.18	65.00' RT.	9215	2058937.580	1084857.536	223+07.09
322+21.28	104.00' LT.	9225	2058742.630	1084633.834	225+51.00
321+65.28	104.00' LT.	9226	2058688.343	1084620.087	226+07.00
321+65.28	60.00' LT.	9227	2058677.541	1084662.744	226+07.00
322+21.28	64.90' LT.	9228	2058733.031	1084671.741	225+51.00
314+07.32	39.43' RT.	9321	2057918.367	1084573.061	233+65.00
322+12.28	72.00' RT.	9322	2058690.700	1084802.239	225+60.00
322+32.28	72.00' RT.	9323	2058710.088	1084807.149	225+40.00
322+32.28	37.44' RT.	9324	2058718.572	1084773.646	225+40.00
322+12.28	37.49' RT.	9325	2058699.172	1084768.783	225+60.00
323+57.27	60.00' RT.	9326	2058834.199	1084826.199	224+15.00
324+17.27	65.00' RT.	9327	2058891.136	1084845.775	223+55.00
324+17.27	38.71' RT.	9328	2058897.589	1084820.292	223+55.00
323+57.27	37.70' RT.	9330	2058839.674	1084804.582	224+15.00
325+52.26	51.00' RT.	9348	2059024.517	1084865.785	222+20.00
325+52.26	42.61' RT.	9349	2059026.700	1084857.683	222+20.00
326+97.26	55.00' RT.	9350	2059161.650	1084908.763	220+75.00
326+97.26	46.98' RT.	9351	2059163.932	1084901.074	220+75.00

See remainder of Parcel IDK0037 and total holding diagram on Sheet 19

CURVE TABLE

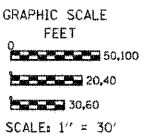
CURVE NO.	RADIUS	ARC LENGTH	CHORD BEARING	CHORD LENGTH
1	5714.82'	746.73'	S 19°13'15" W	746.20'
2	5714.82'	806.74'	S 18°55'12" W	806.07'
3	5714.82'	886.89'	S 18°31'05" W	886.00'

PROP. CURVE 21-3
PI STA. = 330+80.73
Δ = 12° 15' 52" (RT)
R = 1" 00' 00"
D = 5,729.31'
L = 615.55'
T = 1,226.40'
E = 32.97'
T.R. = 111.11'
S.E. RUN = 111.11'
P.C. STA = 324+65.18
P.T. STA = 336+91.58



LEGEND

- SECTION LINE
- QUARTER SECTION LINE
- QUARTER QUARTER SECTION LINE
- PLATTED LOT LINES
- PROPERTY (DEED) LINE
- APL
- APPARENT PROPERTY LINE
- CENTERLINE
- EXISTING RIGHT OF WAY LINE
- PROPOSED RIGHT OF WAY LINE
- PROPOSED EASEMENT
- MEASURED DIMENSION
- COMPUTED DIMENSION
- RECORDED DIMENSION
- EXISTING BUILDING



Bearings are referenced to the Illinois Coordinate System, NAD83, East Zone, as provided by the Illinois Department of Transportation.

- IRON PIPE OR ROD FOUND
- ⊕ "MAG" NAIL SET
- + CUT CROSS FOUND OR SET
- 5/8" REBAR SET
- T1
- T2
- T3
- BT1
- 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

STATE OF ILLINOIS)
COUNTY OF)

THIS IS TO CERTIFY THAT I, RONALD F. HODGEN, AN ILLINOIS PROFESSIONAL LAND SURVEYOR, (WE, RUEITIGER, TONELLI & ASSOCIATES, AN ILLINOIS PROFESSIONAL DESIGN FIRM LAND SURVEYING CORPORATION, NUMBER 89,) HAVE SURVEYED THE PLAT OF HIGHWAYS SHOWN HEREON IN SECTION 9, TOWNSHIP 44 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 _____, ILLINOIS THIS _____ DAY OF _____, 20____ A.D.

ILLINOIS PROFESSIONAL LAND SURVEYOR NO. 2630
LICENSE EXPIRATION DATE: 11-30-2012

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

RUEITIGER, TONELLI & ASSOCIATES, INC.
Land Surveyors/Engineers/Planners/Landscape Architects/G.I.S. Consultants
214 ONIDA STREET
JOLIET, ILLINOIS 60439
PH. (815) 744-6600 FAX (815) 744-0101

RECEIVED
APR 27 2011
PLATS & LEGALS

PLAT OF HIGHWAYS
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
FAP 330 (IL 21)

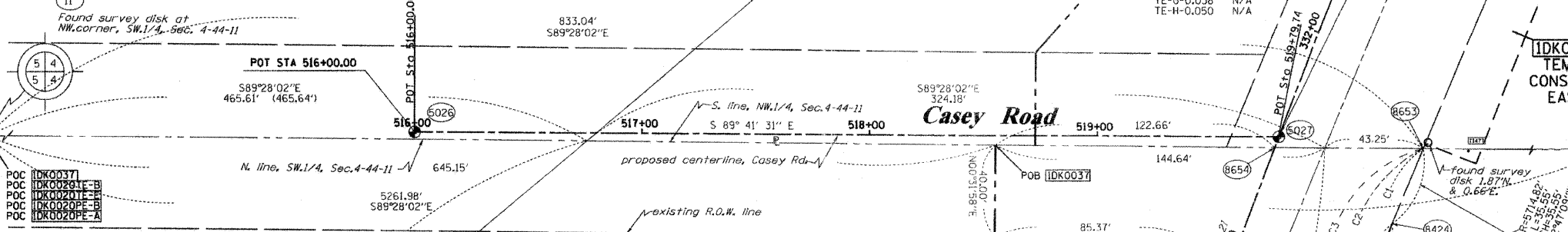
SECTION: 128R-3 COUNTY: LAKE
PROJECT: JOB NO. R-91-027-01
STATION 321+00 TO STATION 327+00
SCALE: 1"=30' SHEET 18 OF

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

PART OF THE SE1/4 OF SECTION 5 AND THE SW1/4 OF SECTION 4, TWP. 44 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 ACRES	AREA SQUARE FEET	EASEMENT PURPOSE	PERMANENT INDEX NUMBER	PROPERTY ACQUIRED BY
IDK0020	LAKE COUNTY FOREST PRESERVE	*802.4±	0.000	N/A	*802.4±/-	**	***	PROP. ROW CONST.	11-04-300-010 11-04-300-013 11-04-300-003 11-09-100-001 thru 004 11-04-100-005	
IDK0037	THE TOWN OF LIBERTYVILLE	12.031	1.556	0.836	10.475	N/A	N/A	N/A	11-04-300-002	

* AREAS OF CONTIGUOUS PROPERTY CALCULATED USING EXISTING PLATS & RECORDS.



CURVE TABLE

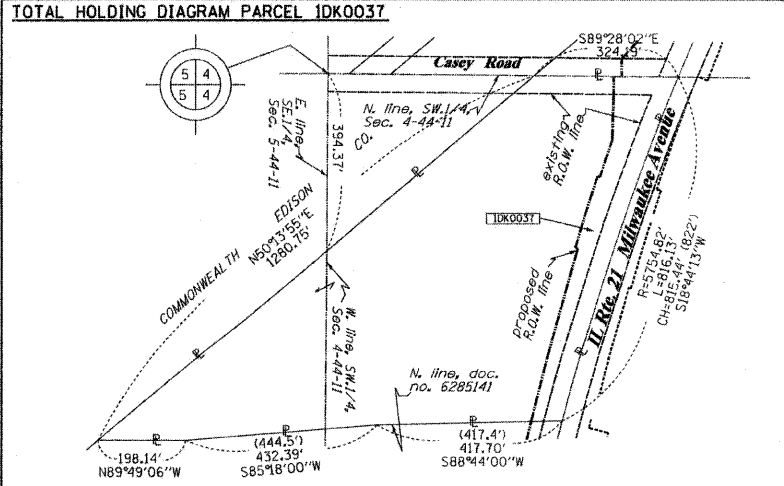
CURVE NO.	RADIUS	ARC	CHORD BEARING	CHORD LENGTH
1	5714.82'	319.61' S 21°21'43" W	319.57'	
2	5714.82'	340.43' S 21°15'27" W	340.38'	
3	5714.82'	468.38' S 20°36'58" W	468.25'	

COORDINATE TABLE

STATION	OFFSET	PTH	NORTH	EAST	PLAN STATION
11			2059609.938	1084232.941	
22			2059561.020	1089494.694	
330+24.97	356.56' LT.		5026	2059609.452	1084622.753
331+51.74	0.00' RT.		5027	2059607.412	1085002.490
324+65.18	70.00' LT.		5081	2058970.719	1084726.670
331+33.97	60.00' RT.		8424	2059569.417	1085052.178
330+67.79	101.44' LT.		8494	2059563.942	1084877.694
331+69.89	61.06' RT.		8653	2059602.194	1085065.946
331+46.80	0.00' RT.		8654	2059602.800	1085000.715
328+87.25	70.00' LT.		9189	2059380.638	1084846.700
329+72.24	70.00' LT.		9190	2059462.049	1084874.500
328+87.25	76.00' LT.		9191	2059382.536	1084841.004
327+22.25	76.00' LT.		9192	2059223.184	1084790.436
327+22.25	70.00' LT.		9193	2059221.451	1084796.181
329+02.25	70.00' RT.		9194	2059350.426	1084984.218
326+72.26	70.00' RT.		9195	2059133.693	1084916.168
329+02.25	60.00' RT.		9203	2059353.612	1084974.739
328+26.25	70.00' RT.		9344	2059279.111	1084960.769
328+26.25	50.85' RT.		9345	2059284.972	1084942.538
328+47.25	70.00' RT.		9346	2059298.847	1084967.154
328+47.25	51.48' RT.		9347	2059304.581	1084949.542
326+97.26	55.00' RT.		9350	2059161.650	1084908.763
326+97.26	46.98' RT.		9351	2059163.932	1084901.074

See remainder of Parcel IDK0037 on Sheet 18. See total holding diagram below.

NOTES:
1. COORDINATES SHOWN ARE ILLINOIS STATE PLANE EAST ZONE, NAD 83 (2007), BASED ON NGS STATION MUND BM34 AND ITS PUBLISHED COORDINATES OF NORTH 2039591.13, EAST 1080478.83.



LEGEND

- SECTION LINE
- QUARTER SECTION LINE
- QUARTER, QUARTER SECTION LINE
- PLATTED LOT LINES
- PROPERTY (DEED) LINE
- APPARENT PROPERTY LINE
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- EXISTING RIGHT OF WAY LINE
- PROPOSED RIGHT OF WAY LINE
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- MEASURED DIMENSION
- COMPUTED DIMENSION
- RECORDED DIMENSION
- EXISTING BUILDING

GRAPHIC SCALE
0 50.00
20.00
30.00
SCALE: 1" = 30'

Bearings are referenced to the Illinois Coordinate System, NAD83, East Zone, as provided by the Illinois Department of Transportation.

- IRON PIPE OR ROD FOUND
- CUT CROSS FOUND OR SET
- "MAG" NAIL SET
- 5/8" REBAR SET
- TI
- BT1
- 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.
- 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.
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- RIGHT OF WAY STAKING PROPOSED TO BE SET

STATE OF ILLINOIS)
COUNTY OF)

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

ILLINOIS PROFESSIONAL LAND SURVEYOR NO. 2630
LICENSE EXPIRATION DATE: 11-30-2012

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

RUETTIGER, TONELLI & ASSOCIATES, INC.
Land Surveyors/Engineers/Planners/Landscape Architects/C.I.S. Consultants
2174 OMEGA STREET
SHELTON, ILLINOIS 60455
PH. (815) 744-6600 FAX (815) 744-0101

RECEIVED
APR 27 2011
PLATS & LEGALS

PLAT OF HIGHWAYS
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
FAP 330 (IL 21)

SECTION: 128R-3 COUNTY: LAKE
PROJECT JOB NO.: R-91-027-01
STATION 327+00 TO STATION 332+00
SCALE: 1"=30' SHEET 19 OF

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

PART OF THE NW1/4 OF SECTION 4, TWP. 44 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 ACRES	EASEMENT SQUARE FEET	EASEMENT PURPOSE	PERMANENT INDEX NUMBER	PROPERTY ACQUIRED BY
IDK0020	LAKE COUNTY FOREST PRESERVE	*802.4±	0.000	N/A	*802.4±/-	**	...	PROF. ROW CONST.	11-04-300-010 11-04-300-013 11-04-300-003 11-09-100-001 thru 004 11-04-100-005	
IDK0038	THE TOWN OF LIBERTYVILLE	1.217	0.547	0.085	0.670	N/A	N/A	N/A	11-04-100-019	
IDK0039	COMMONWEALTH EDISON COMPANY	25.014	N/A	1.220	25.014	PE-2.118 TE-0.041	N/A	ROW CONST.	11-04-100-010	

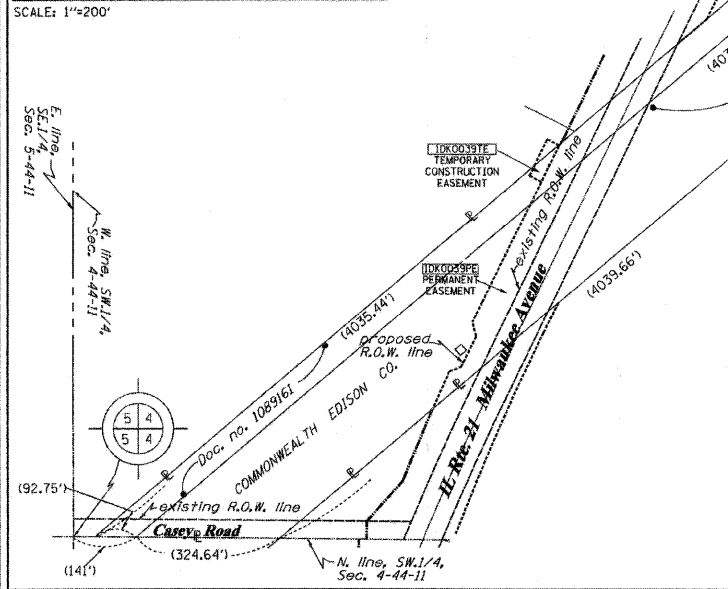
NOTES:
1. COORDINATES SHOWN ARE ILLINOIS STATE PLANE EAST ZONE, NAD 83 (2007), BASED ON NGS STATION MUND BM34 AND ITS PUBLISHED COORDINATES OF NORTH 2039591.13, EAST 1080478.83.

COORDINATE TABLE

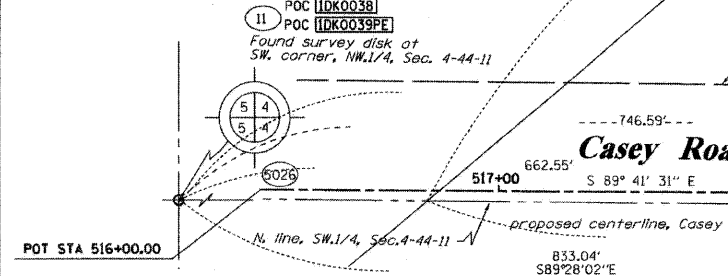
STATION	OFFSET	PTH	NORTH	EAST	PLAN STATION
			11 2059609.938	1084232.941	
			22 2059561.020	1089494.694	
336+91.58	0.00' RT.	5010	2060101.250	1085220.047	210+80.63
330+24.97	356.55' LT.	5026	2059609.452	1084622.753	217+47.27
331+51.74	0.00' RT.	5027	2059607.412	1085002.490	216+20.49
340+82.07	70.00' LT.	5070	2060481.999	1085331.475	206+90.12
336+91.58	70.00' LT.	5071	2060132.455	1085157.391	210+80.63
336+42.21	70.00' LT.	5072	2060087.634	1085135.309	211+30.00
336+17.22	48.50' LT.	5073	2060055.529	1085143.640	211+54.99
335+42.22	50.00' LT.	5074	2059987.817	1085109.892	212+30.00
335+22.22	70.00' LT.	5075	2059977.899	1085083.247	212+50.00
335+59.78	7.88' LT.	8554	2059985.956	1085155.516	212+12.43
337+39.73	72.91' RT.	8559	2060111.850	1085306.778	210+32.48
331+11.54	96.04' LT.	8562	2059603.752	1084898.313	216+60.70
334+31.67	70.00' LT.	8564	2059894.381	1085045.487	213+40.55
331+46.80	0.00' RT.	8654	2059602.800	1085000.715	216+25.43
337+67.20	85.00' RT.	9175	2060131.051	1085329.847	210+05.00
332+60.23	70.00' LT.	9183	2059734.673	1084977.631	215+12.00
331+47.40	112.60' LT.	9184	2059643.777	1084895.835	216+24.83
331+72.23	85.00' RT.	9185	2059595.666	1085009.096	216+00.00
335+00.71	70.72' RT.	9186	2059899.611	1085202.140	212+71.51
331+72.23	61.13' RT.	9187	2059604.330	1085066.852	216+00.00
336+91.58	85.00' RT.	9188	2060063.357	1085296.133	210+80.63

FROM	BEARING/ANGLE	DISTANCE	TO	DESCRIPTION	PE	TE
5010	SW 81°01'38"	157.88	1492	REBAR WITH CAP	PE-A-0.009	391
5010	SE 00°51'01"	266.85	1519	5/8" REBAR	PE-B-0.028	N/A
5010	SE 81°12'28"	127.06	1521	5/8" REBAR	PE-C-0.035	N/A
5071	SW 59°06'12"	108.72	1492	REBAR WITH CAP	PE-D-0.016	N/A
5071	SE 29°34'35"	227.64	1520	5/8" REBAR	PE-E-0.075	N/A
5071	SE 62°01'50"	197.02	1521	5/8" REBAR	PE-G-0.024	N/A
5072	SW 81°12'47"	72.06	1492	REBAR WITH CAP	PE-H-0.597	N/A
5072	SW 81°12'47"	72.06	1492	REBAR WITH CAP	PE-I-0.414	N/A
5072	SE 76°21'40"	201.78	1521	5/8" REBAR	PE-J-0.058	N/A
5073	SW 51°12'35"	45.72	1491	REBAR WITH CAP	TE-A-3.539	N/A
5073	SE 46°10'19"	174.81	1520	5/8" REBAR	TE-B-0.040	N/A
5073	SE 85°17'19"	188.39	1521	5/8" REBAR	TE-C-0.213	N/A
5074	SE 04°06'10"	278.02	1478	REBAR WITH CAP	TE-D-0.085	N/A
5074	NW 27°16'46"	99.92	1492	REBAR WITH CAP	TE-E-0.178	N/A
5074	SE 71°32'47"	168.53	1520	5/8" REBAR	TE-F-1.975	N/A
5075	SE 09°52'22"	271.41	1478	REBAR WITH CAP	TE-G-0.038	N/A
5075	NW 10°58'42"	100.57	1492	REBAR WITH CAP	TE-H-0.050	N/A
5075	SE 76°53'34"	191.49	1520	5/8" REBAR		
9183	SE 38°59'14"	171.84	1477	REBAR WITH CAP		
9183	SE 80°58'30"	154.06	1478	REBAR WITH CAP		
9183	NE 67°57'24"	265.81	1519	5/8" REBAR		
9184	SE 77°20'10"	194.54	1477	REBAR WITH CAP		
9184	NE 74°04'49"	243.28	1478	REBAR WITH CAP		
9184	NE 59°50'42"	379.54	1519	5/8" REBAR		

TOTAL HOLDING DIAGRAM PARCEL IDK0039



POC IDK0020TE-C
POC IDK0038
POC IDK0039PE
Found survey disk at SW corner, NW1/4, Sec. 4-44-11



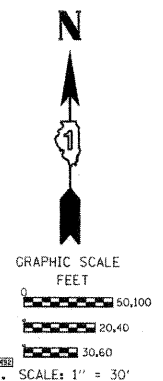
ROUTE NAME: FAP 330 (IL21)

SECTION: 128R-3

LAKE COUNTY

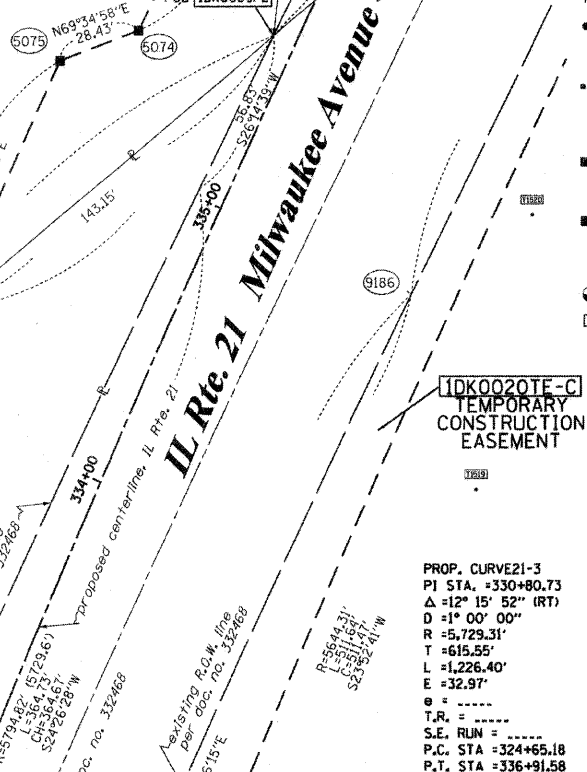
JOB NO.: R-91-027-01

RECORDING: RECORDED ON



SEE CONTINUATION ON SHEET 21

See remainder of Parcel IDK0039 on Sheet 21. See total holding diagram below.



PROP. CURVE 21-3
PI STA. = 330+80.73
Δ = 12° 15' 52" (RT)
D = 101' 00" 00"
R = 5,729.31'
T = 615.55'
L = 1,226.40'
E = 32.97'
P.C. STA = 324+65.18
P.T. STA = 336+91.58

See sheets 8, 10-20 & 27-28 for remainder of Parcel IDK0020. See Sheet 26 for total holding diagram.

POT STA 519+79.74 PROPOSED C CASEY ROAD
POC STA 331+51.74 PROPOSED C IL 21
REVISED: 4-22-11/DELETED 20PE-E, REVISED 20TE-F
REVISED: 4-13-11/ADDED 20PE-J, REVISED 20TE-F
REVISED: 3-28-11/REVISED 0020 PARCEL TABLE
REVISED: 3-25-11/REVISED 0020 PARCEL TABLE

STATE OF ILLINOIS)
COUNTY OF)

THIS IS TO CERTIFY THAT I, RONALD F. HODGEN, AN ILLINOIS PROFESSIONAL LAND SURVEYOR, (WE, RUETTIGER, TONELLI & ASSOCIATES, AN ILLINOIS PROFESSIONAL DESIGN FIRM LAND SURVEYING CORPORATION, NUMBER 89,) HAVE SURVEYED THE PLAT OF HIGHWAYS SHOWN HEREON IN SECTION 4, TOWNSHIP 44 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 _____, ILLINOIS THIS _____ DAY OF _____ 20____ A.D.

ILLINOIS PROFESSIONAL LAND SURVEYOR NO. 2630
LICENSE EXPIRATION DATE: 11-30-2012

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

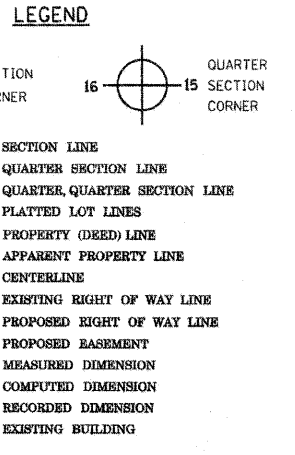
RECEIVED
APR 27 2011

PLATS & LEGALS

PLAT OF HIGHWAYS
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
FAP 330 (IL 21)

SECTION: 128R-3 COUNTY: LAKE
PROJECT JOB NO.: R-91-027-01
STATION 332+00 TO STATION 337+00
SCALE: 1"=30' SHEET 20 OF

BUREAU OF LAND ACQUISITION
201 WEST CENT STREET
SCHAUMBURG, ILLINOIS 60196



Bearings are referenced to the Illinois Coordinate System, NAD83, East Zone, as provided by the Illinois Department of Transportation.

- IRON PIPE OR ROD FOUND
- CUT CROSS FOUND OR SET
- 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.
- 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.
- 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

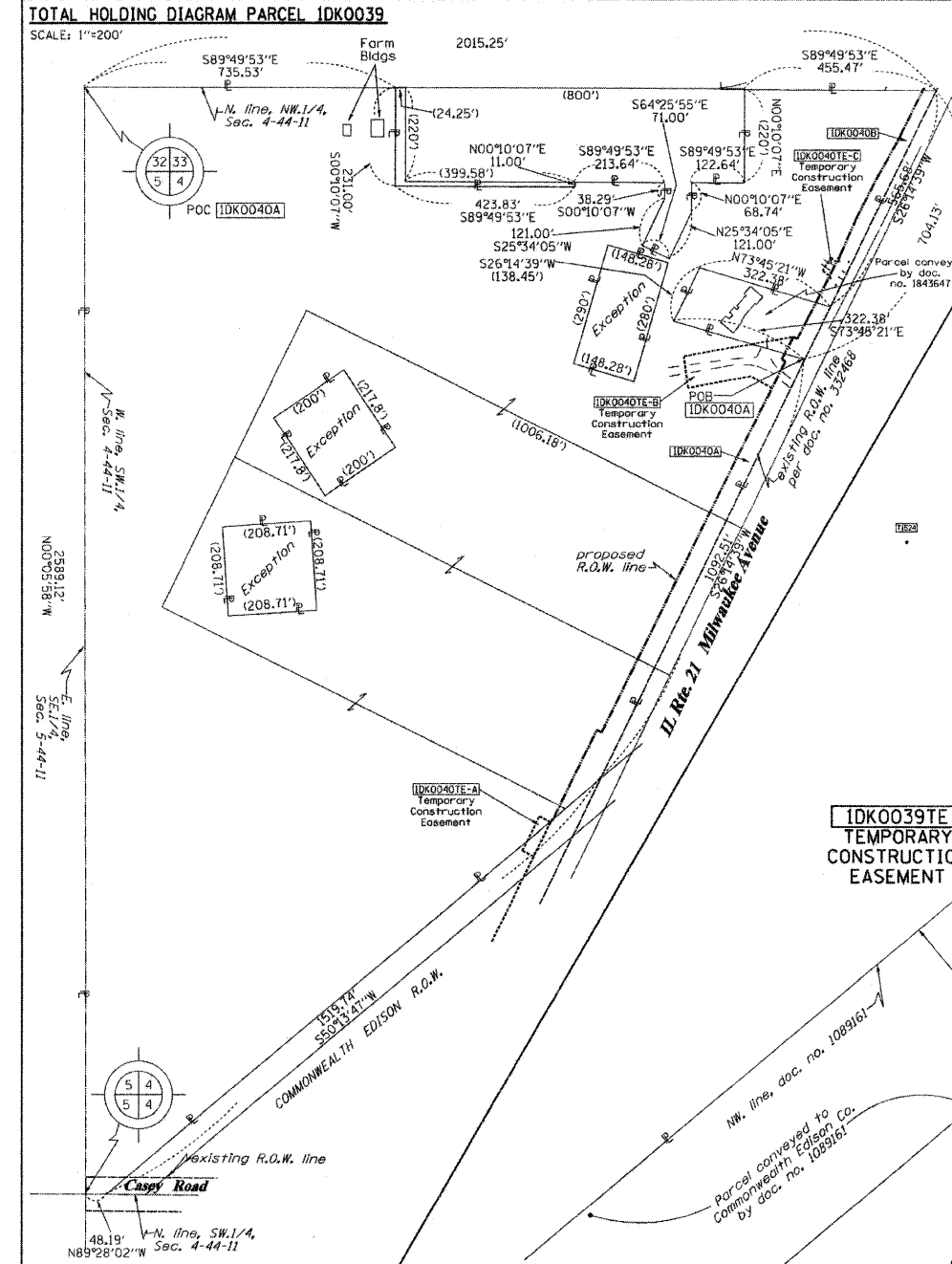
PART OF THE NW1/4 OF SECTION 4, TWP. 44 N., R. 11 E. OF THE 3RD. P.M., IN LAKE COUNTY, ILLINOIS.

PARCEL NUMBER	OWNER	TOTAL HOLDINGS ACRES	PART TAKEN ACRES	AREA IN EXISTING R.O.W. ACRES	REMAINDER AREA ACRES	EASEMENT AREA		EASEMENT PURPOSE	PERMANENT INDEX NUMBER	PROPERTY ACQUIRED BY
						ACRES	SQUARE FEET			
1DK0039	COMMONWEALTH EDISON COMPANY	25.014	N/A	1.220	25.014	PE-2.118 TE-0.041	N/A	R.O.W.	11-04-100-010	
1DK0040	THE TOWN OF LIBERTYVILLE	65.528	A-1.206 B-0.423	N/A	63.899	TE-A-0.021 TE-B-0.396 TE-C-0.015	N/A	CONST.	11-04-100-022 11-04-100-030 11-04-100-032	

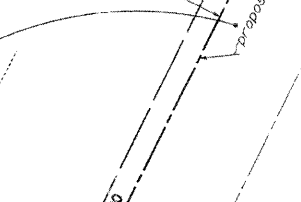
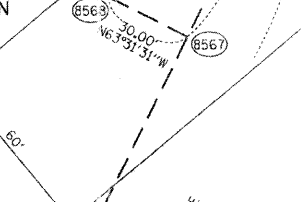
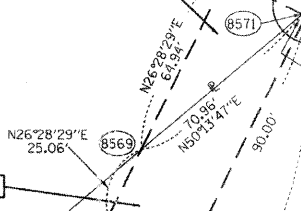
NOTES:
1. COORDINATES SHOWN ARE ILLINOIS STATE PLANE EAST ZONE, NAD 83 (2007), BASED ON NGS STATION MUND BM34 AND ITS PUBLISHED COORDINATES OF NORTH 2039591.13, EAST 1080478.83.

COORDINATE TABLE

STATION	OFFSET	PTH	NORTH	EAST	PLAN STATION
349+28.96	55.00' LT.	5064	2061233.383	1085722.446	198+43.19
340+82.07	70.00' LT.	5070	2060481.999	1085331.475	206+90.12
336+91.58	70.00' LT.	5071	2060132.455	1085157.391	210+80.63
337+39.73	72.91' RT.	8559	2060111.850	1085306.778	210+32.48
344+03.92	70.23' RT.	8560	2060707.578	1085600.482	203+68.25
340+87.25	69.13' LT.	8566	2060486.251	1085334.556	206+84.94
339+92.07	70.00' LT.	8567	2060401.437	1085291.353	207+80.12
339+92.07	100.00' LT.	8568	2060414.811	1085264.499	207+80.12
340+17.13	100.00' LT.	8569	2060437.240	1085275.669	207+55.06
340+82.07	100.00' LT.	8570	2060495.373	1085304.621	206+90.12
340+82.07	71.41' LT.	8571	2060482.673	1085330.207	206+90.12
337+39.73	72.91' RT.	8559	2060111.850	1085306.778	210+32.48
344+03.92	70.23' RT.	8560	2060707.578	1085600.482	203+68.25
344+82.91	135.00' RT.	9172	2060762.788	1085666.816	202+89.26
341+72.19	35.00' RT.	9173	2060493.568	1085510.393	206+00.00
341+72.19	135.00' RT.	9174	2060484.652	1085528.295	206+00.00
337+67.20	85.00' RT.	9175	2060131.051	1085329.847	210+05.00
343+22.18	57.60' LT.	9180	2060695.858	1085440.662	204+50.00
343+22.18	55.00' LT.	9181	2060690.240	1085451.943	204+50.00
340+96.47	57.60' LT.	9182	2060493.821	1085340.040	206+75.72



See remainder of Parcel 1DK0040 on Sheets 22-24. See total holding diagram to left.

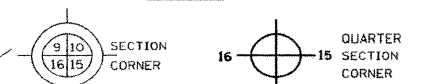


REFERENCE TIE TABLE

FROM	BEARING/ANGLE	DISTANCE	TO	DESCRIPTION
5070	SE 82°27'09"	159.69	1522	5/8" REBAR
5070	NE 63°50'04"	249.24	1523	5/8" REBAR
5070	NW 75°30'04"	206.34	1524	5/8" REBAR
8566	SE 80°46'10"	157.27	1522	5/8" REBAR
8566	NE 64°24'37"	244.61	1523	5/8" REBAR
8566	NW 76°50'44"	206.32	1524	5/8" REBAR
9180	SE 11°48'54"	239.92	1522	5/8" REBAR
9180	SE 47°45'59"	154.66	1523	5/8" REBAR
9180	SW 62°18'04"	348.95	1524	5/8" REBAR
9181	SE 09°22'29"	232.32	1522	5/8" REBAR
9181	SE 46°23'26"	142.57	1523	5/8" REBAR
9181	SW 65°56'37"	356.47	1524	5/8" REBAR
9182	SE 77°38'47"	153.29	1522	5/8" REBAR
9182	NE 65°29'26"	236.44	1523	5/8" REBAR
9182	NW 79°10'28"	212.11	1524	5/8" REBAR

SEE CONTINUATION ON SHEET 22

LEGEND



- SECTION LINE
- QUARTER SECTION LINE
- QUARTER, QUARTER SECTION LINE
- PLATTED LOT LINES
- PROPERTY (DEED) LINE
- APL APPARENT PROPERTY LINE
- CENTERLINE
- EXISTING RIGHT OF WAY LINE
- PROPOSED RIGHT OF WAY LINE
- PROPOSED EASEMENT
- MEASURED DIMENSION (129.82')
- COMPUTED DIMENSION (129.82')
- RECORDED DIMENSION (129.82')
- EXISTING BUILDING

Bearings are referenced to the Illinois Coordinate System, NAD83, East Zone, as provided by the Illinois Department of Transportation.

- IRON PIPE OR ROD FOUND
- ⊕ *MAG* NAIL SET
- + CUT CROSS FOUND OR SET
- 5/8" REBAR SET
- T1 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.
- T2
- T3
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- BT3
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STATE OF ILLINOIS)
COUNTY OF)

THIS IS TO CERTIFY THAT I, RONALD F. HODGEN, AN ILLINOIS PROFESSIONAL LAND SURVEYOR, (WE, RUETTIGER, TONELLI & ASSOCIATES, AN ILLINOIS PROFESSIONAL DESIGN FIRM LAND SURVEYING CORPORATION, NUMBER 89,) HAVE SURVEYED THE PLAT OF HIGHWAYS SHOWN HEREON IN SECTION 4, TOWNSHIP 44 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 _____, ILLINOIS THIS _____ DAY OF _____ 20____ A.D.

ILLINOIS PROFESSIONAL LAND SURVEYOR NO. 2630
LICENSE EXPIRATION DATE: 11-30-2010

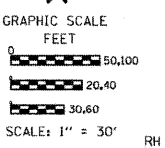
THIS PROFESSIONAL SERVICE CONFORMS TO THE CURRENT ILLINOIS MINIMUM STANDARDS FOR A BOUNDARY SURVEY.

RECEIVED: NOV 08 2010
PLATS & LEGALS
RUETTIGER, TONELLI & ASSOCIATES, INC.
Lead Surveyors/Engineers/Planners/Landscape Architects/G.I.S. Consultants
214 OREGON STREET
JOLIET, ILLINOIS 60435
PH. (815) 744-6600 FAX (815) 744-0101

PLAT OF HIGHWAYS
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
FAP 330 (IL 21)

SECTION: 128R-3 COUNTY: LAKE
PROJECT: JOB NO.: R-91-027-01
STATION 338+00 TO STATION 344+00
SCALE: 1"=30' SHEET 21 OF

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



REVISION DATE: 4-19-10

REVISION MISCEL. PER IDOT REVIEW

MADE BY TLW

PART OF THE NW1/4 OF SECTION 4, TWP. 44 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 ACRES	AREA SQUARE FEET	EASEMENT PURPOSE	PERMANENT INDEX NUMBER	PROPERTY ACQUIRED BY
1DK0040	THE TOWN OF LIBERTYVILLE	65.528	A-1.206 B-0.423	N/A	63.899	TE-A-0.021 TE-B-0.396 TE-C-0.015	N/A	CONST.	11-04-100-022 11-04-100-030 11-04-100-032	
1DK0042	LAKE COUNTY FOREST PRESERVE DISTRICT	*120.16	N/A	N/A	*120.16	PE-A-0.623 PE-B-0.021 PE-C-0.008 TE-A-3.676 TE-B-1.140	363 s.f.	DRAINAGE DRAINAGE DRAINAGE CONST. CONST.	11-04-100-005 07-33-400-013 07-33-400-015 07-33-400-018 07-33-400-007 07-34-100-021 07-33-200-018 07-34-300-001	

NOTES:
1. COORDINATES SHOWN ARE ILLINOIS STATE PLANE EAST ZONE, NAD 83 (2007), BASED ON NGS STATION MUND BM34 AND ITS PUBLISHED COORDINATES OF NORTH 2039591.13, EAST 1080478.83.

COORDINATE TABLE

STATION	OFFSET	PTH	NORTH	EAST	PLAN STATION
349+28.96	0.00' RT.	5009	2061208.864	1085771.676	198+43.19
352+92.14	55.00' LT.	5063	2061557.959	1085887.319	194+79.99
349+28.96	55.00' LT.	5064	2061233.383	1085722.446	198+43.19
344+03.92	70.23' RT.	8560	2060707.578	1085600.482	203+68.25
349+28.96	105.00' RT.	9167	2061162.055	1085865.665	198+43.19
354+07.68	105.00' RT.	9171	2061586.366	1086082.546	193+64.45
344+82.91	105.00' RT.	9172	2060762.788	1085666.816	202+89.26
353+22.13	63.18' RT.	9340	2061530.155	1086006.026	194+50.00

REFERENCE TIE TABLE

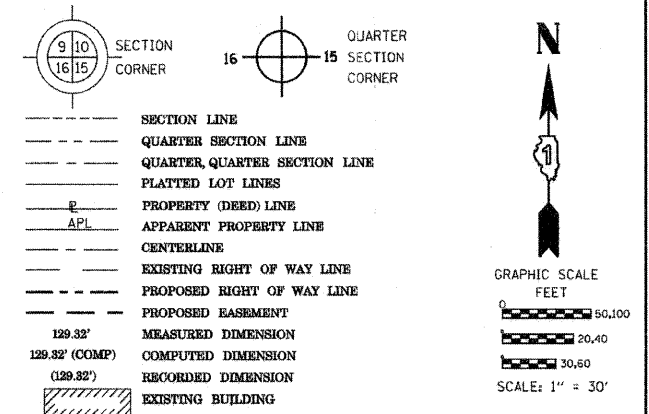
FROM	BEARING/ANGLE	DISTANCE	TO	DESCRIPTION
5009	SE 58°57'30"	86.32	1516	5/8" REBAR WITH YELLOW CAP
5009	SE 10°03'21"	133.89	1517	5/8" REBAR WITH YELLOW CAP
5009	NE 73°52'13"	124.62	1518	5/8" REBAR WITH YELLOW CAP
5064	SE 59°31'02"	141.10	1516	5/8" REBAR WITH YELLOW CAP
5064	SE 24°54'34"	172.39	1517	5/8" REBAR WITH YELLOW CAP
5064	NE 86°34'40"	169.25	1518	5/8" REBAR WITH YELLOW CAP

SEE CONTINUATION ON SHEET 23

See remainder of Parcel 1DK0040 on Sheets 21, 23 & 24. See total holding diagram below on Sheet 21.

See remainder of Parcel 1DK0042 on Sheets 23, 24 & 25. See total holding diagram on Sheet 25.

LEGEND



Bearings are referenced to the Illinois Coordinate System, NAD83, East Zone, as provided by the Illinois Department of Transportation.

- IRON PIPE OR ROD FOUND
- ⊕ "MAG" NAIL SET
- + CUT CROSS FOUND OR SET
- 5/8" REBAR SET
- T1 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.
- T2
- T3
- 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.
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- RIGHT OF WAY STAKING PROPOSED TO BE SET

STATE OF ILLINOIS)
COUNTY OF)

THIS IS TO CERTIFY THAT I, RONALD F. HODGEN, AN ILLINOIS PROFESSIONAL LAND SURVEYOR, (WE, RUETTIGER, TONELLI & ASSOCIATES, AN ILLINOIS PROFESSIONAL DESIGN FIRM LAND SURVEYING CORPORATION, NUMBER 89,) HAVE SURVEYED THE PLAT OF HIGHWAYS SHOWN HEREON IN SECTION 4, TOWNSHIP 44 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 _____, ILLINOIS THIS _____ DAY OF _____ 20__ A.D.

ILLINOIS PROFESSIONAL LAND SURVEYOR NO. 2630
LICENSE EXPIRATION DATE: 11-30-2012

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

RUETTIGER, TONELLI & ASSOCIATES, INC.

Land Surveyors/Engineers/Planners/Landscape Architects/C.L.S. Consultants
2174 ONEIDA STREET
JOLIET, ILLINOIS 60435
PH. (815) 744-6600 FAX (815) 744-0101

RECEIVED
MAR 04 2011
PLATS & LEGALS

PLAT OF HIGHWAYS
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
FAP 330 (IL 21)

SECTION: 128R-3 COUNTY: LAKE
PROJECT: JOB NO.: R-91-027-01
STATION 345+00 TO STATION 351+00
SCALE: 1"=30' SHEET 22 OF

BUREAU OF LAND ACQUISITION
201 WEST CENTER COURT
CHAUMBURG, ILLINOIS 60119

TLW
TLW
MADE BY TLW

ADDED PE'S TO 0042, REVISED TE'S PER IDOT
REVISED ACREAGE 0042TE
UPDATED COORDINATE TABLE
REVISION UPDATED COORDINATE TABLE

REVISION DATE: 8-24-10

SHEET 1 OF -- IS A COVER SHEET AND IS NOT RECORDED
RT&A 2009-0927 CONTRACT NO. 60953

TOTAL SHEETS 148
518

PART OF THE NW1/4 OF SECTION 4, TWP. 44 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 ACRES	AREA SQUARE FEET	EASEMENT PURPOSE	PERMANENT INDEX NUMBER	PROPERTY ACQUIRED BY
IDK0040	THE TOWN OF LIBERTYVILLE	65.528	A-1.206 B-0.423	N/A	63.899	TE-A-0.021 TE-B-0.396 TE-C-0.015	N/A	CONST.	11-04-100-022 11-04-100-030 11-04-100-032	
IDK0041	LYNN M. EGIDI, TRUSTEE UNDER THE LYNN M. EGIDI DECLARATION OF TRUST DATED 6-21-06	1.009	0.127	N/A	0.882	0.042	N/A	CONST.	11-04-100-004	
IDK0042	LAKE COUNTY FOREST PRESERVE DISTRICT	*120.16	N/A	N/A	*120.16	PE-A-0.623 PE-B-0.021 PE-C-0.008 TE-A-9.878 TE-B-1.140	363 s.f.	DRAINAGE DRAINAGE DRAINAGE CONST. CONST.	07-33-400-013 07-33-400-018 07-33-400-018 07-33-400-007 07-34-100-021 07-33-200-018 07-34-300-001	

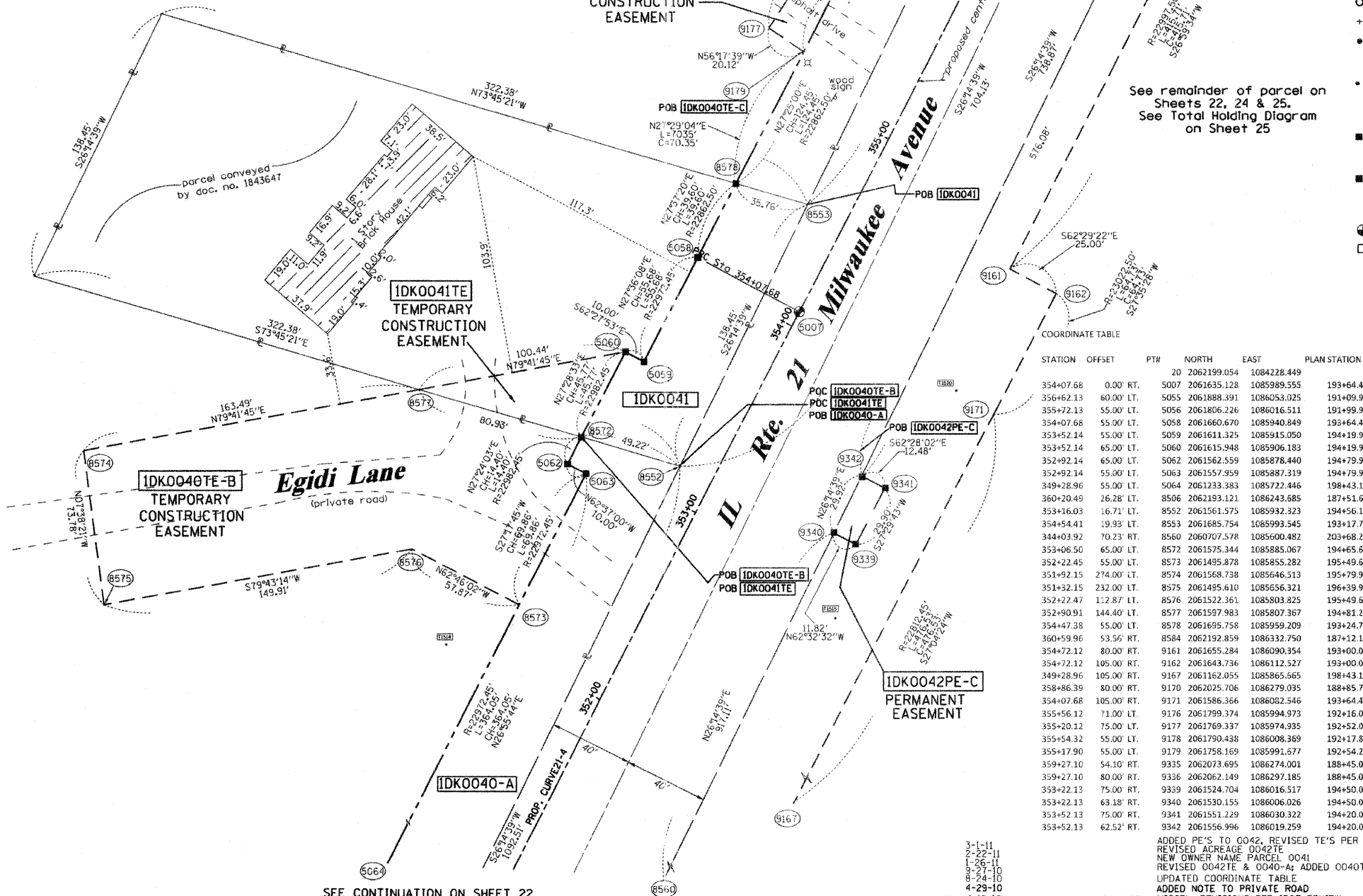
NOTES:
1. COORDINATES SHOWN ARE ILLINOIS STATE PLANE EAST ZONE, NAD 83 (2007), BASED ON NGS STATION MUND BM34 AND ITS PUBLISHED COORDINATES OF NORTH 2039591.13, EAST 1080478.83.

* AREAS OF CONTIGUOUS PROPERTIES CALCULATED USING EXISTING PLOTS AND RECORDS

PROP. CURVE21-4
PI STA. =351+68.33
Δ = 1° 11' 48" (RT)
D = 0° 15' 00"
R = 22,917.45'
T = 239.37'
L = 478.73'
E = 1.25'
e = -----
T.R. = -----
S.E. RUN = -----
P.C. STA = 349+28.96
P.T. STA = 354+07.68

PROP. CURVE21-5
PI STA. =356+47.04
Δ = 1° 11' 48" (LT)
D = 0° 15' 00"
R = 22,917.50'
T = 239.36'
L = 478.70'
E = 1.25'
e = -----
T.R. = -----
S.E. RUN = -----
P.C. STA = 354+07.68
P.T. STA = 358+86.39

See remainder of Parcel IDK0040 on Sheets 21, 22 & 24. See total holding diagram on Sheet 21.



LEGEND

- SECTION LINE
- QUARTER SECTION LINE
- QUARTER QUARTER SECTION LINE
- PLATTED LOT LINES
- PROPERTY (DEED) LINE
- APPARENT PROPERTY LINE
- CENTERLINE
- EXISTING RIGHT OF WAY LINE
- PROPOSED RIGHT OF WAY LINE
- PROPOSED EASEMENT
- MEASURED DIMENSION
- COMPUTED DIMENSION
- RECORDED DIMENSION
- EXISTING BUILDING

Bearings are referenced to the Illinois Coordinate System, NAD83, East Zone, as provided by the Illinois Department of Transportation.

GRAPHIC SCALE
FEET
0 50.00
20.00
30.00
SCALE: 1" = 30'

- IRON PIPE OR ROD FOUND
- + CUT CROSS FOUND OR SET
- T1 THESE STAKES REFERENCE FOUND OR SET MONUMENTATION. SET 5/8 INCH IRON ROD FLUSH WITH GROUND TO THE 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 THE 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)

THIS IS TO CERTIFY THAT I, RONALD F. HODGEN, AN ILLINOIS PROFESSIONAL LAND SURVEYOR, (WE, RUETTIGER, TONELLI & ASSOCIATES, AN ILLINOIS PROFESSIONAL DESIGN FIRM LAND SURVEYING CORPORATION, NUMBER 89,) HAVE SURVEYED THE PLAT OF HIGHWAYS SHOWN HEREON IN SECTION 4, TOWNSHIP 44 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 _____, ILLINOIS THIS _____ DAY OF _____ 20____ A.D.

ILLINOIS PROFESSIONAL LAND SURVEYOR NO. 2630
LICENSE EXPIRATION DATE: 11-30-2012

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

COORDINATE TABLE

STATION	OFFSET	PTH	NORTH	EAST	PLAN STATION
354+07.68	0.00	RT.	5007	2062199.054	1084228.449
356+62.13	60.00	LT.	5055	2061888.391	1086053.025
355+72.13	55.00	LT.	5056	2061806.226	1086016.511
354+07.68	55.00	LT.	5058	2061660.670	1085940.849
353+52.14	55.00	LT.	5059	2061611.325	1085915.050
353+52.14	65.00	LT.	5060	2061615.948	1085906.183
352+92.14	65.00	LT.	5062	2061562.559	1085878.440
352+92.14	55.00	LT.	5063	2061557.959	1085887.319
349+28.96	55.00	LT.	5064	2061233.383	1085722.446
360+20.49	26.28	LT.	8506	2062193.121	1086243.685
353+16.03	16.71	LT.	8552	2061561.575	1085932.323
354+54.41	19.93	LT.	8553	2061685.754	1085993.545
344+03.92	70.23	RT.	8560	2060707.578	1085600.482
353+06.50	65.00	LT.	8572	2061575.344	1085885.067
352+22.45	55.00	LT.	8573	2061495.878	1085855.282
351+92.15	274.00	LT.	8574	2061568.738	1085646.513
351+32.15	232.00	LT.	8575	2061495.810	1085656.321
352+22.47	112.87	LT.	8576	2061522.361	1085803.825
352+90.91	144.40	LT.	8577	2061597.983	1085807.367
354+47.38	55.00	LT.	8578	2061695.758	1085959.209
360+59.96	53.56	RT.	8584	2062192.859	1086332.750
354+72.12	80.00	RT.	9161	2061655.284	1086090.354
354+72.12	105.00	RT.	9162	2061643.736	1086112.527
349+28.96	105.00	RT.	9167	2061162.055	1085865.665
358+86.39	80.00	RT.	9170	2062025.706	1086279.035
354+07.68	105.00	RT.	9171	2061586.366	1086082.546
355+56.12	71.00	LT.	9176	2061799.374	1085994.973
355+20.12	75.00	LT.	9177	2061769.337	1085974.935
355+54.32	55.00	LT.	9178	2061790.438	1086008.369
355+17.90	55.00	LT.	9179	2061758.169	1085991.577
359+27.10	54.10	RT.	9335	2062073.695	1086274.001
359+27.10	80.00	RT.	9336	2062062.149	1086297.185
353+22.13	75.00	RT.	9339	2061524.704	1086016.517
353+22.13	63.18	RT.	9340	2061530.155	1086006.026
353+52.13	75.00	RT.	9341	2061551.229	1086030.322
353+52.13	62.52	RT.	9342	2061556.996	1086019.259

RECEIVED
MAR 04 2011
PLATS & LEGALS

RUETTIGER, TONELLI & ASSOCIATES, INC.
Land Surveyors/Engineers/Planners/Landscape Architects/C.S. Consultants
214 ONEIDA STREET
JOLIET, ILLINOIS 60438
PH. (815) 744-6600 FAX (815) 744-0101

PLAT OF HIGHWAYS
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
FAP 330 (IL 21)

SECTION: 128R-3 COUNTY: LAKE
PROJECT JOB NO.: R-91-027-01
STATION 351+00 TO STATION 357+00
SCALE: 1"=30' SHEET 23 OF

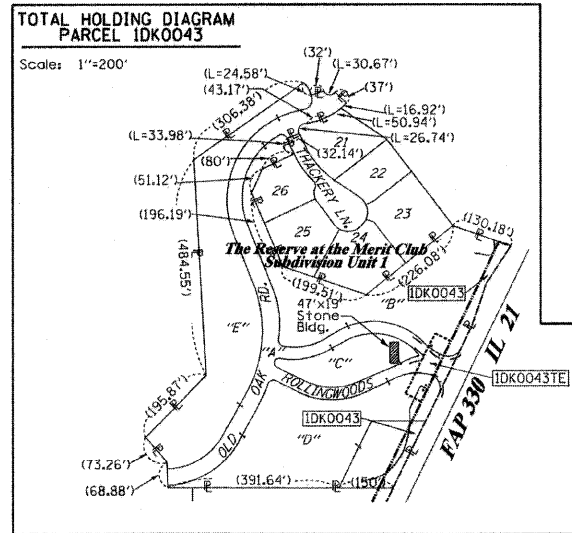
BUREAU OF LAND ACQUISITION
201 WEST CENTER COURT
SCHAUMBURG, ILLINOIS 60196

PART OF THE NW1/4 OF SECTION 4, TWP. 44 N., R. 11 E. & PART OF SW1/4 OF SECTION 33, TWP. 45 N., R. 11 E., OF THE 3RD. P.M. IN LAKE COUNTY, ILLINOIS.

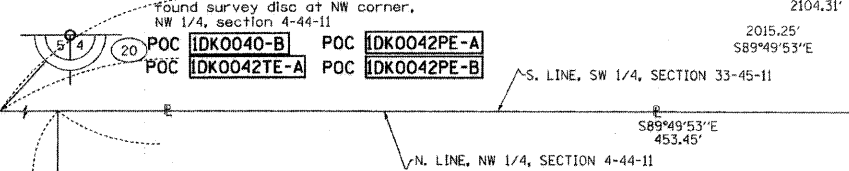
PARCEL NUMBER	OWNER	TOTAL HOLDINGS ACRES	PART TAKEN ACRES	AREA IN EXISTING R.O.W. ACRES	REMAINDER AREA ACRES	EASEMENT AREA		EASEMENT PURPOSE	PERMANENT INDEX NUMBER	PROPERTY ACQUIRED BY
						ACRES	SQUARE FEET			
IDK0040	THE TOWN OF LIBERTYVILLE	65.528	A-1.206 B-0.423	N/A	63.899	TE-A-0.021 TE-B-0.396 TE-C-0.015	N/A	CONST.	11-04-100-022 11-04-100-030 11-04-100-032	
IDK0042	LAKE COUNTY FOREST PRESERVE DISTRICT	+120.16±	N/A	N/A	+120.16±	PE-A-0.623 PE-B-0.021 PE-C-0.008 TE-A-9.878 TE-B-1.140	363 s.f.	DRAINAGE DRAINAGE CONST. CONST.	11-04-100-005 & 07-33-400-013	
IDK0043	THE RESERVE AT THE MERIT CLUB NO. 1 ASSOCIATION, INC.	+9.74±	0.360	N/A	9.38		0.138	N/A	07-33-300-012 07-33-301-028 07-33-302-001 07-33-303-001 07-33-301-001 07-33-304-001	

NOTES:
1. COORDINATES SHOWN ARE ILLINOIS STATE PLANE EAST ZONE, NAD 83 (2007), BASED ON NGS STATION MUND BM34 AND ITS PUBLISHED COORDINATES OF NORTH 2039591.13, EAST 1080478.83.
* AREAS OF CONTIGUOUS PROPERTY CALCULATED USING EXISTING PLATS & RECORDS.

See remainder of Parcel IDK0043 on Sheet 25. See total holding diagram to left.



Parcel D
The Reserve at the Merit Club Subdivision Unit 1
Rec'd Jan. 28, 1993 as doc. no. 3278989

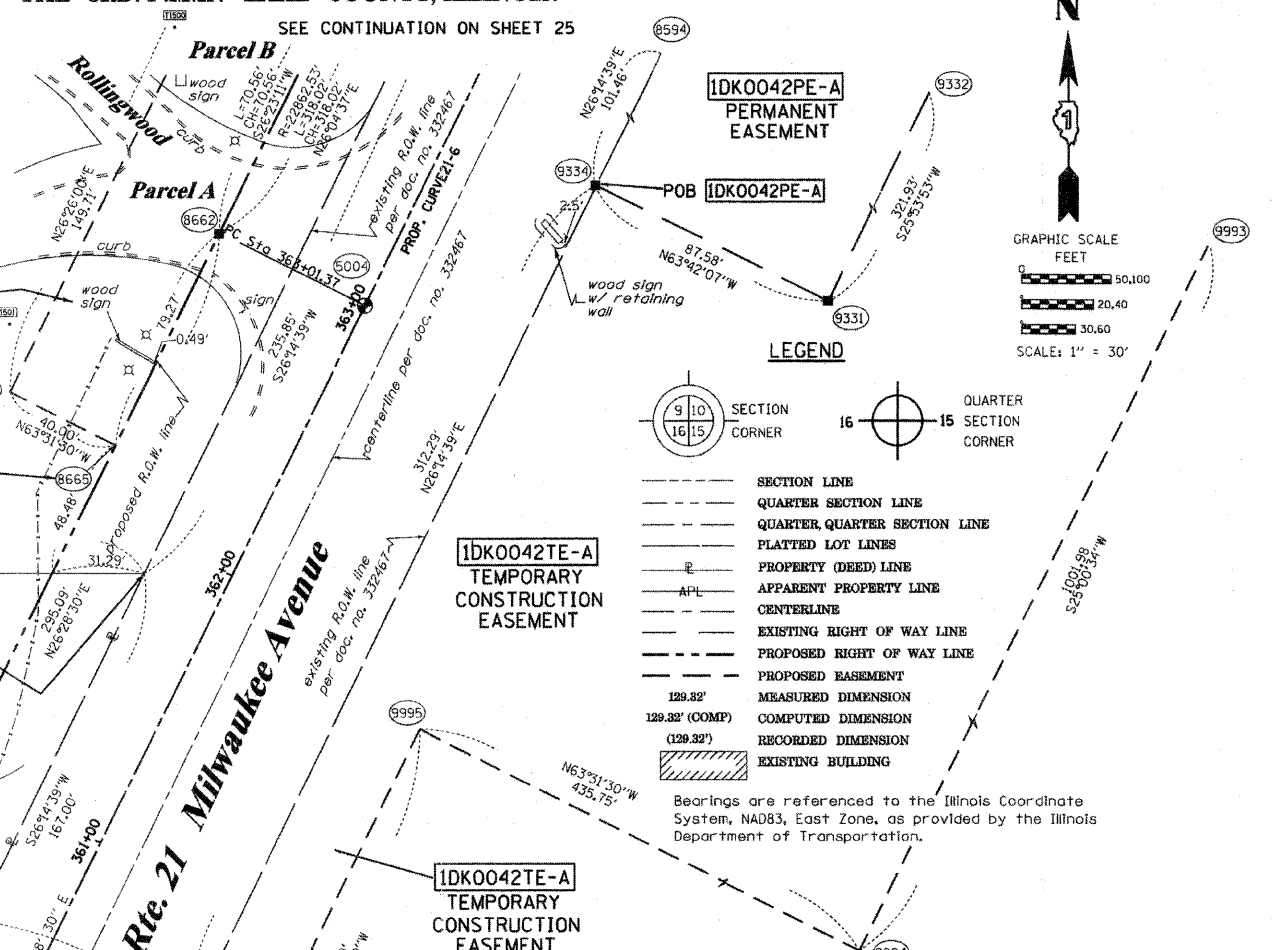


COORDINATE TABLE

STATION	OFFSET	PT#	NORTH	EAST	PLAN STATION
363+01.37	0.00' RT.	20	2062199.054	1084228.449	184+70.71
358+86.39	0.00' RT.	5004	2062432.838	1086392.428	188+85.71
358+86.39	55.00' LT.	5052	2062061.371	1086207.424	188+85.71
358+72.11	55.00' LT.	5053	2062073.143	1086151.842	188+99.99
357+72.12	60.00' LT.	5054	2061986.229	1085102.657	189+99.99
344+03.92	70.23' RT.	8560	2060707.578	1085600.482	203+68.25
360+20.49	26.28' LT.	8506	2062193.121	1085243.685	187+51.61
360+06.29	55.00' LT.	8579	2062193.216	1086211.647	187+65.81
360+59.96	53.56' RT.	8584	2062192.859	1086332.750	187+12.13
364+73.31	52.54' RT.	8586	2062563.955	1086515.707	182+98.76
364+73.31	52.54' RT.	8594	2062563.955	1086515.707	182+98.76
363+01.37	55.00' LT.	8662	2062457.357	1086343.196	184+70.71
362+22.10	95.00' LT.	8663	2062404.228	1086272.050	185+49.99
362+22.10	55.00' LT.	8665	2062386.396	1086307.855	185+49.99
354+72.12	80.00' RT.	9161	2061655.284	1086090.354	193+00.00
358+86.39	80.00' RT.	9170	2062025.706	1086279.035	188+85.71
371+82.34	500.00' RT.	9993	2063004.347	1087224.606	175+89.70
361+82.29	515.75' RT.	9994	2062096.317	1086801.003	185+89.80
361+82.29	80.00' RT.	9995	2062290.577	1086410.950	185+89.80
363+72.08	140.00' RT.	9331	2062434.151	1086549.361	184+00.00
366+92.06	140.00' RT.	9332	2062723.752	1086689.973	180+80.00
363+72.08	52.42' RT.	9334	2062472.954	1086470.842	184+00.00
359+27.10	54.10' RT.	9335	2062073.695	1086274.001	188+45.00
359+27.10	80.00' RT.	9336	2062062.149	1086297.185	188+45.00
359+62.10	53.96' RT.	9337	2062105.088	1086289.478	188+10.00
359+62.10	80.00' RT.	9338	2062093.479	1086312.788	188+10.00

See remainder of Parcel IDK0040 on Sheets 21-23. See total holding diagram on Sheet 21.

PROP. CURVE 21-5
PI STA. = 356+47.04
Δ = 1° 11' 48" (LT)
D = 0° 15' 00"
R = 22,917.50'
T = 239.36'
L = 478.70'
E = 1.25'
e = 1.25'
T.R. =
S.E. RUN =
P.C. STA = 354+07.68
P.T. STA = 358+86.39



See remainder of Parcel IDK0042 on Sheets 22, 23 & 25. See total holding diagram on Sheet 25.

STATE OF ILLINOIS)
COUNTY OF)

THIS IS TO CERTIFY THAT I, RONALD F. HODGEN, AN ILLINOIS PROFESSIONAL LAND SURVEYOR, (WE, RUETTIGER, TONELLI & ASSOCIATES, AN ILLINOIS PROFESSIONAL DESIGN FIRM LAND SURVEYING CORPORATION, NUMBER 89,) HAVE SURVEYED THE PLAT OF HIGHWAYS SHOWN HEREON IN SECTION 4, TOWNSHIP 44 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 _____, ILLINOIS THIS _____ DAY OF _____ 20____ A.D.

ILLINOIS PROFESSIONAL LAND SURVEYOR NO. 2630
LICENSE EXPIRATION DATE: 11-30-2012

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

ADDED PE'S TO 0042, REVISED TE'S PER 100T
REVISED 0042TE ACREAGE IN TABLE
REVISED 0042TE ACREAGE
REVISED 0040-A & 0042TE; ADD 0040TE-C
UPDATED COORDINATE TABLE
REVISION MISCEL. REVISIONS PER IDOT REVIEW

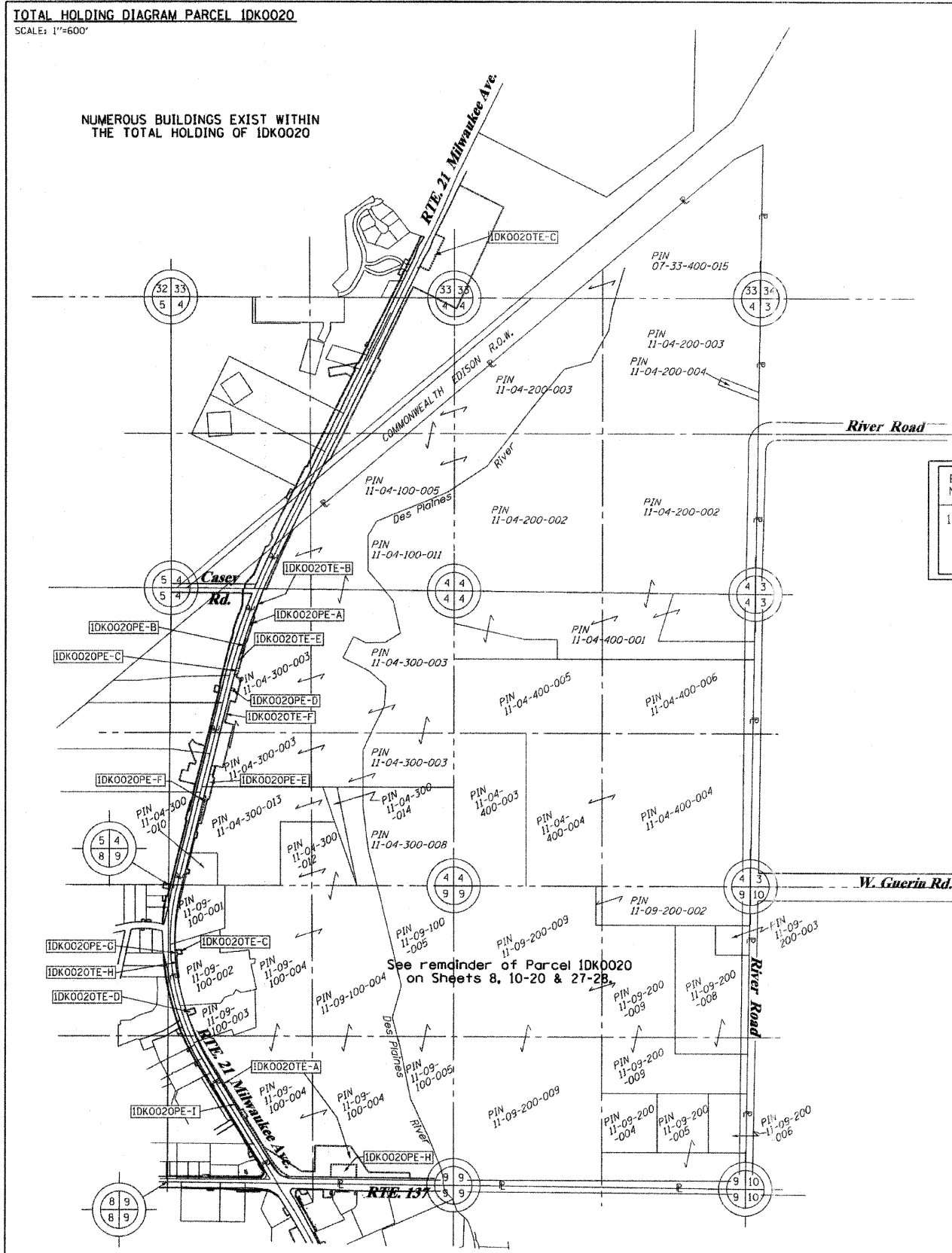
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MAR 04 2011
PLATS & LEGALS
MADE BY TLW

RUETTIGER, TONELLI & ASSOCIATES, INC.
Land Surveyors/Engineers/Planners/Landscape Architects/C.S. Consultants
2174 ONEIDA STREET
JOLIET, ILLINOIS 60438
PH: (815) 744-5600 FAX: (815) 744-0101

PLAT OF HIGHWAYS
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
FAP 330 (IL 21)
SECTION: 128R-3 COUNTY: LAKE
PROJECT: JOB NO.: R-91-027-01
STATION 358+00 TO STATION 363+00
SCALE: 1"=30' SHEET 24 OF

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

PART OF SECTIONS 4, 5, & 9, TWP. 44 N., R. 11 E. OF THE 3RD. P.M., IN LAKE COUNTY, ILLINOIS.



- IRON PIPE OR ROD FOUND
- ⊕ "MAG" NAIL SET
- + 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

LEGEND

SECTION CORNER 16 QUARTER SECTION CORNER

SECTION LINE
 QUARTER SECTION LINE
 QUARTER, QUARTER SECTION LINE
 PLATTED LOT LINES
 PROPERTY (DEED) LINE
 APL APPARENT PROPERTY LINE
 CENTERLINE
 EXISTING RIGHT OF WAY LINE
 PROPOSED RIGHT OF WAY LINE
 PROPOSED EASEMENT
 MEASURED DIMENSION
 129.82'
 129.32' (COMP)
 (129.82')
 EXISTING BUILDING

GRAPHIC SCALE
 FEET
 0 20,40 60,100
 SCALE: 1" = 30'

Bearings are referenced to the Illinois Coordinate System, NAD83, East Zone, as provided by the Illinois Department of Transportation.

PE-A-0.009	391
PE-B-0.028	N/A
PE-C-0.035	N/A
PE-D-0.016	N/A
PE-F-0.075	N/A
PE-G-0.024	N/A
PE-H-0.597	N/A
PE-I-0.414	N/A
PE-J-0.059	N/A
TE-A-3.539	N/A
TE-B-0.040	N/A
TE-C-0.213	N/A
TE-D-0.085	N/A
TE-E-0.178	N/A
TE-F-1.975	N/A
TE-G-0.038	N/A
TE-H-0.050	N/A

PARCEL NUMBER	OWNER	TOTAL HOLDINGS ACRES	PART TAKEN ACRES	AREA IN EXISTING R.O.W. ACRES	REMAINDER AREA ACRES	EASEMENT AREA ACRES	EASEMENT AREA SQUARE FEET	EASEMENT PURPOSE	PERMANENT INDEX NUMBER	PROPERTY ACQUIRED BY
IDK0020	LAKE COUNTY FOREST PRESERVE DISTRICT	802.4±	0.000	N/A	802.4+/-	**	...	PROP. ROW CONST.	11-09-100-001 thru 11-09-100-004, 11-04-300-003, 11-04-300-010, 11-04-300-013, 11-04-100-005	

* AREAS OF CONTIGUOUS PROPERTY CALCULATED USING EXISTING PLATS & RECORDS.

STATE OF ILLINOIS)
 COUNTY OF)

THIS IS TO CERTIFY THAT I, RONALD F. HODGEN, AN ILLINOIS PROFESSIONAL LAND SURVEYOR, (WE, RUETTIGER, TONELLI & ASSOCIATES, AN ILLINOIS PROFESSIONAL DESIGN FIRM LAND SURVEYING CORPORATION, NUMBER 89,) HAVE SURVEYED THE PLAT OF HIGHWAYS SHOWN HEREON IN SECTIONS 4, 5 & 9, TOWNSHIP 44 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 _____, ILLINOIS THIS _____ DAY OF _____ 20____ A.D.

ILLINOIS PROFESSIONAL LAND SURVEYOR NO. 2630
 LICENSE EXPIRATION DATE: 11-30-2012

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

RUETTIGER, TONELLI & ASSOCIATES, INC.
 Land Surveyors/Engineers/Planners/Landscape Architects/G.I.S. Consultants
 2174 ONEIDA STREET
 JOLIET, ILLINOIS 60435
 PH. (815) 744-6600 FAX (815) 744-0101

RECEIVED
 APR 27 2011
 PLATS & LEGALS

PLAT OF HIGHWAYS
 STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION
 FAP 330 (IL 21)

SECTION: 128R-3 COUNTY: LAKE
 PROJECT JOB NO.: R-91-027-01
 STATION TO STATION
 SCALE: 1"=30' SHEET 26 OF

BUREAU OF LAND ACQUISITION
 201 WEST COURT
 SCHAUMBURG, ILLINOIS 60196

4-22-11
 4-13-11
 3-28-11
 3-25-11
 3-3-11
 1-26-11
 REVISION DATE: 9-30-10

DELETED 20PE-E, REVISED 20TE-F
 ADDED 20PE-J, REVISED 20TE-F
 REVISE 0020 PARCEL TABLE
 REVISED 0020 PARCEL TABLE, ADDED 20TE-H
 ADD PE'S & REVISE TE'S IN 0020 PER IDOT
 TYPO IN TABLE
 REVISED ACREAGES, 0020PE

TLW
 TLW
 TLW
 TLW
 TLW
 TLW
 TLW
 MADE BY TLW

PART OF THE NW1/4 & SW1/4 OF SECTION 9, TWP. 44 N., R. 11 E. OF THE 3RD. P.M., IN LAKE COUNTY, ILLINOIS.

Bearings are referenced to the Illinois Coordinate System, NAD83, East Zone, as provided by the Illinois Department of Transportation.

LEGEND

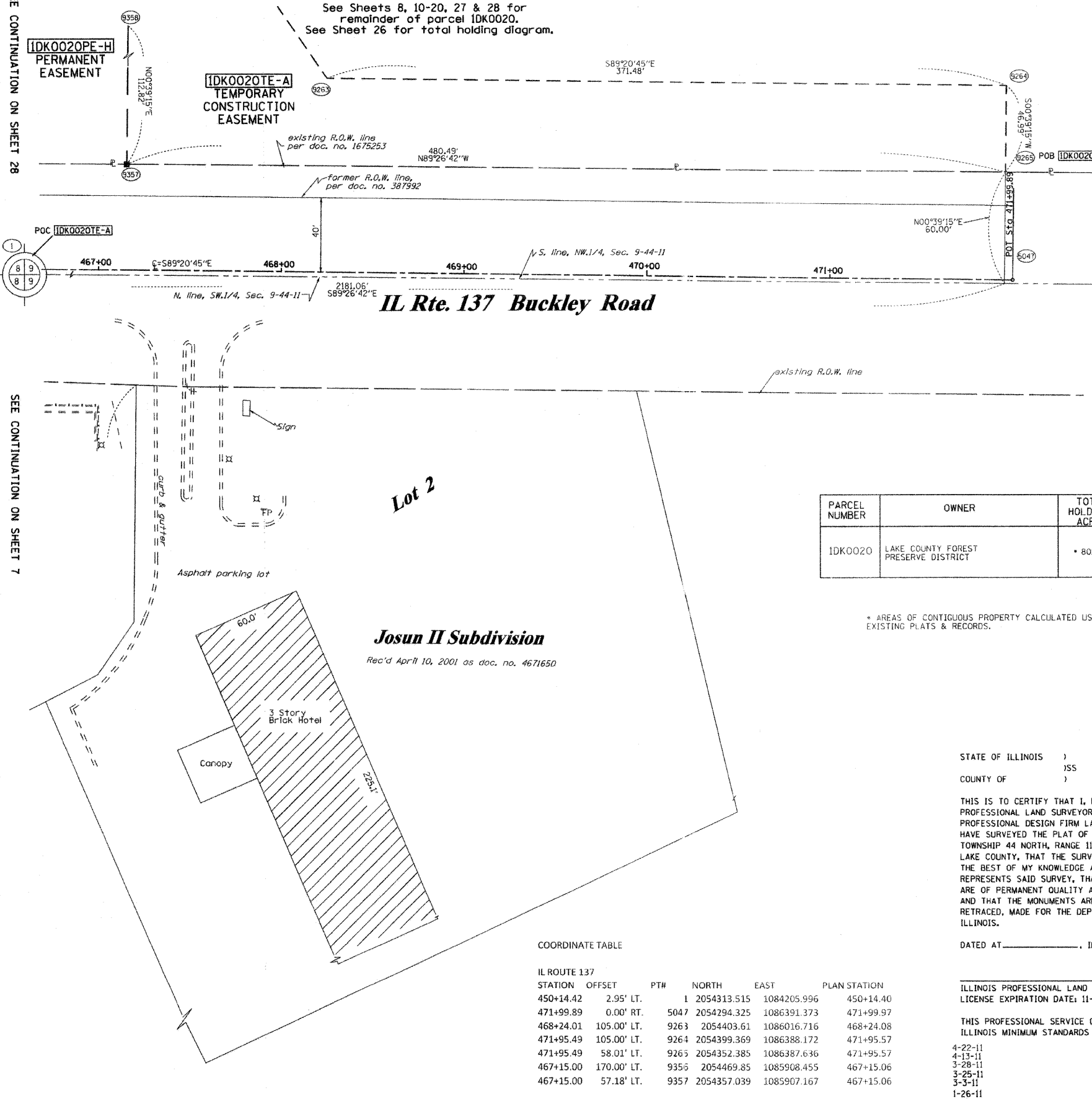
SECTION CORNER 16 QUARTER SECTION CORNER

SECTION LINE
 QUARTER SECTION LINE
 QUARTER, QUARTER SECTION LINE
 PLATTED LOT LINES
 PROPERTY (DEED) LINE
 APPARENT PROPERTY LINE
 CENTERLINE
 EXISTING RIGHT OF WAY LINE
 PROPOSED RIGHT OF WAY LINE
 PROPOSED EASEMENT
 MEASURED DIMENSION
 COMPUTED DIMENSION
 RECORDED DIMENSION
 EXISTING BUILDING

GRAPHIC SCALE
 FEET
 0 20.40 30.60
 SCALE: 1" = 30'

SEE CONTINUATION ON SHEET 28

SEE CONTINUATION ON SHEET 7



PARCEL NUMBER	OWNER	TOTAL HOLDINGS ACRES	PART TAKEN ACRES	AREA IN EXISTING R.O.W. ACRES	REMAINDER AREA ACRES	EASEMENT ACRES	AREA SQUARE FEET	EASEMENT PURPOSE	PERMANENT INDEX NUMBER	PROPERTY ACQUIRED BY
1DK0020	LAKE COUNTY FOREST PRESERVE DISTRICT	802.4±	0.000	N/A	802.4±/-	**	***	PROP. ROW CONST.	11-09-100-001 thru 11-09-100-004, 11-04-300-003, 11-04-300-010, 11-04-300-013, 11-04-100-005	

* AREAS OF CONTIGUOUS PROPERTY CALCULATED USING EXISTING PLATS & RECORDS.

- PE-A-0.009 391
- PE-B-0.028 N/A
- PE-C-0.035 N/A
- PE-D-0.016 N/A
- PE-F-0.075 N/A
- PE-G-0.024 N/A
- PE-H-0.597 N/A
- PE-I-0.214 N/A
- PE-J-0.058 N/A
- TE-A-3.539 N/A
- TE-B-0.040 N/A
- TE-C-0.213 N/A
- TE-D-0.085 N/A
- TE-E-0.176 N/A
- TE-F-1.975 N/A
- TE-G-0.038 N/A
- TE-H-0.050 N/A

STATE OF ILLINOIS)
)
 COUNTY OF)

THIS IS TO CERTIFY THAT I, RONALD F. HODGEN, AN ILLINOIS PROFESSIONAL LAND SURVEYOR, (IWE, RUETTIGER, TONELLI & ASSOCIATES, AN ILLINOIS PROFESSIONAL DESIGN FIRM LAND SURVEYING CORPORATION, NUMBER 89,) HAVE SURVEYED THE PLAT OF HIGHWAYS SHOWN HEREON IN SECTION 9, TOWNSHIP 44 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 _____, ILLINOIS THIS _____ DAY OF _____ 20__ A.D.

ILLINOIS PROFESSIONAL LAND SURVEYOR NO. 2630
 LICENSE EXPIRATION DATE: 11-30-2012

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

4-22-11 DELETED 20PE-E, REVISED 20TE-F
 4-13-11 ADDED 20PE-J, REVISED 20TE-F
 3-28-11 REVISE 0020 PARCEL TABLE
 3-25-11 REVISE 0020 PARCEL TABLE
 3-5-11 ADD PE'S & REVISE TE'S ON 0020 PER IDOT
 1-26-11 TYPO IN TABLE
 REVISION DATE: 11-04-2010 REVISION DELETED 0045TE

RECEIVED
 APR 27 2011
 PLATS & LEGALS
 MADE BY RH

NOTES:
 1. COORDINATES SHOWN ARE ILLINOIS STATE PLANE EAST ZONE, NAD 83 (2007), BASED ON NGS STATION MUND BN34 AND ITS PUBLISHED COORDINATES OF NORTH 2039591.13, EAST 1080478.83.

RUETTIGER, TONELLI & ASSOCIATES, INC.
 Land Surveyors/Engineers/Planners/Landscape Architects/C.I.S. Consultants
 2174 ONEIDA STREET
 COLETT, ILLINOIS 60405
 PH. (815) 744-6600 FAX (815) 744-0101

PLAT OF HIGHWAYS
 STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION
 FAP 330 (IL 21)

SECTION: 128R-3 COUNTY: LAKE
 PROJECT JOB NO.: R-91-027-01
 STATION 454+00 TO STATION 462+00

SCALE: 1"=30' SHEET 27 OF

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

COORDINATE TABLE

IL ROUTE 137	STATION	OFFSET	PTH	NORTH	EAST	PLAN STATION
	450+14.42	2.95' LT.	1	2054313.515	1084205.996	450+14.40
	471+99.89	0.00' RT.	5047	2054294.325	1086391.373	471+99.97
	468+24.01	105.00' LT.	9263	2054403.61	1086016.716	468+24.08
	471+95.49	105.00' LT.	9264	2054399.369	1086388.172	471+95.57
	471+95.49	58.01' LT.	9265	2054352.385	1086387.636	471+95.57
	467+15.00	170.00' LT.	9356	2054469.85	1085908.455	467+15.06
	467+15.00	57.18' LT.	9357	2054357.039	1085907.167	467+15.06

PART OF THE NW1/4 OF SECTION 9, TWP. 44 N., R. 11 E. OF THE 3RD. P.M., IN LAKE COUNTY, ILLINOIS.

Bearings are referenced to the Illinois Coordinate System, NAD83, East Zone, as provided by the Illinois Department of Transportation.

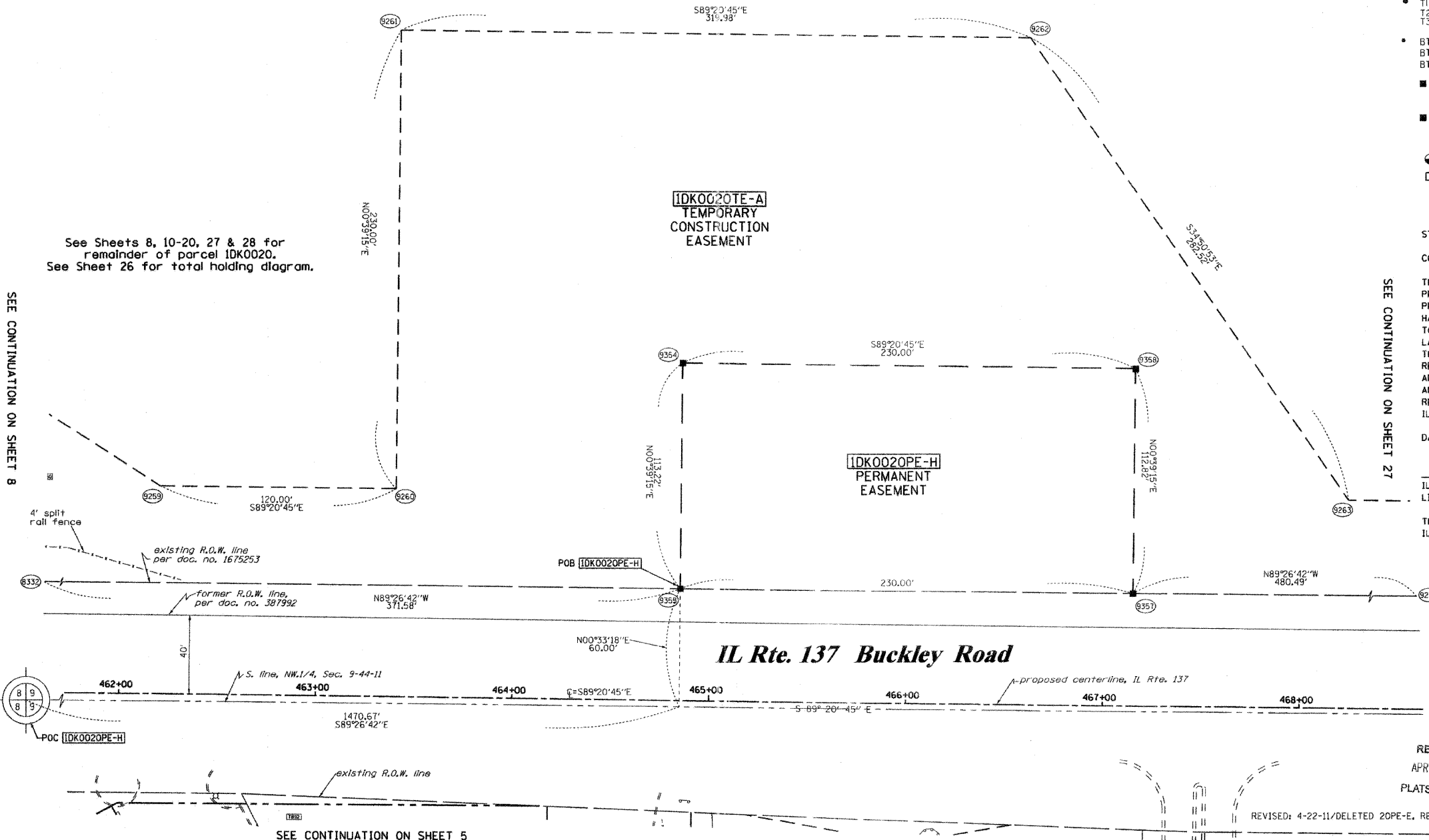
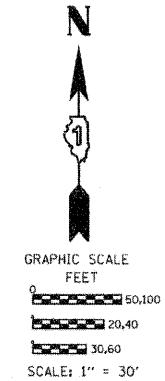
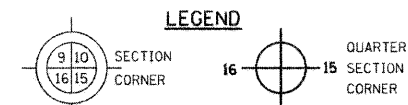
PARCEL NUMBER	OWNER	TOTAL HOLDINGS ACRES	PART TAKEN ACRES	AREA IN EXISTING R.O.W. ACRES	REMAINDER AREA ACRES	EASEMENT AREA		EASEMENT PURPOSE	PERMANENT INDEX NUMBER	PROPERTY ACQUIRED BY
						ACRES	SQUARE FEET			
1DK0020	LAKE COUNTY FOREST PRESERVE DISTRICT	* 802.4±	0.000	N/A	* 802.4±/-	**	***	PROP. ROW CONST.	11-09-100-001 TRPU 11-09-100-004, 11-04-300-003, 11-04-300-010, 11-04-300-013 11-04-100-005	

* AREAS OF CONTIGUOUS PROPERTY CALCULATED USING EXISTING PLATS & RECORDS.

**	PE-A-0.009	391
**	PE-B-0.028	N/A
**	PE-C-0.035	N/A
**	PE-D-0.016	N/A
**	PE-F-0.075	N/A
**	PE-G-0.024	N/A
**	PE-H-0.597	N/A
**	PE-I-0.414	N/A
**	PE-J-0.058	N/A
**	TE-A-3.539	N/A
**	TE-B-0.040	N/A
**	TE-C-0.213	N/A
**	TE-D-0.085	N/A
**	TE-E-0.178	N/A
**	TE-F-1.975	N/A
**	TE-G-0.038	N/A
**	TE-H-0.050	N/A

COORDINATE TABLE

STATION	OFFSET	PT#	NORTH	EAST	PLAN STATION
461+13.42	56.14' LT.	8332	2054362.866	1085305.615	461+13.45
462+19.96	105.00' LT.	9259	2054410.506	1085412.706	462+20.00
463+39.96	105.00' LT.	9260	2054409.136	1085532.698	463+40.00
463+39.96	335.00' LT.	9261	2054639.121	1085535.324	463+40.00
466+59.94	335.00' LT.	9262	2054635.468	1085855.283	466+60.00
468+24.01	105.00' LT.	9263	2054403.610	1086016.716	468+24.08
471+95.49	58.01' LT.	9265	2054352.385	1086387.636	471+95.57
464+85.00	170.00' LT.	9354	2054472.476	1085678.470	464+85.05
464+85.00	56.78' LT.	9355	2054359.267	1085677.178	464+85.05
467+15.00	170.00' LT.	9356	2054469.850	1085908.455	467+15.06
467+15.00	57.18' LT.	9357	2054357.039	1085907.167	467+15.06



- IRON PIPE OR ROD FOUND
- ⊕ "MAG" NAIL SET
- + CUT CROSS FOUND OR SET
- 5/8" REBAR SET
- T1 THESE STAKES REFERENCE FOUND OR SET MONUMENTATION. SET 5/8 INCH
- T2 IRON ROD FLUSH WITH GROUND TO TIE FOUND IRON STAKE IDENTIFIED BY
- T3 COLORED PLASTIC CAP BEARING SURVEYORS REGISTRATION NUMBER.
- BT1 THESE STAKES IN CULTIVATED AREAS, REFERENCE FOUND OR SET MON.
- BT2 BURIED 5/8 INCH IRON ROD 20 INCHES BELOW GROUND TO TIE FOUND
- BT3 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.
- 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.
- ⊙ PERM. 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)

THIS IS TO CERTIFY THAT I, RONALD F. HODGEN, AN ILLINOIS PROFESSIONAL LAND SURVEYOR, (WE, RUETTIGER, TONELLI & ASSOCIATES, AN ILLINOIS PROFESSIONAL DESIGN FIRM LAND SURVEYING CORPORATION, NUMBER 89,) HAVE SURVEYED THE PLAT OF HIGHWAYS SHOWN HEREON IN SECTION 9, TOWNSHIP 44 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 _____, ILLINOIS THIS _____ DAY OF _____, 20____ A.D.

ILLINOIS PROFESSIONAL LAND SURVEYOR NO. 2630
LICENSE EXPIRATION DATE: 11-30-2012

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

NOTES:
1. COORDINATES SHOWN ARE ILLINOIS STATE PLANE EAST ZONE, NAD 83 (2007), BASED ON NGS STATION MUND BN34 AND ITS PUBLISHED COORDINATES OF NORTH 2039591.13, EAST 1080478.83.

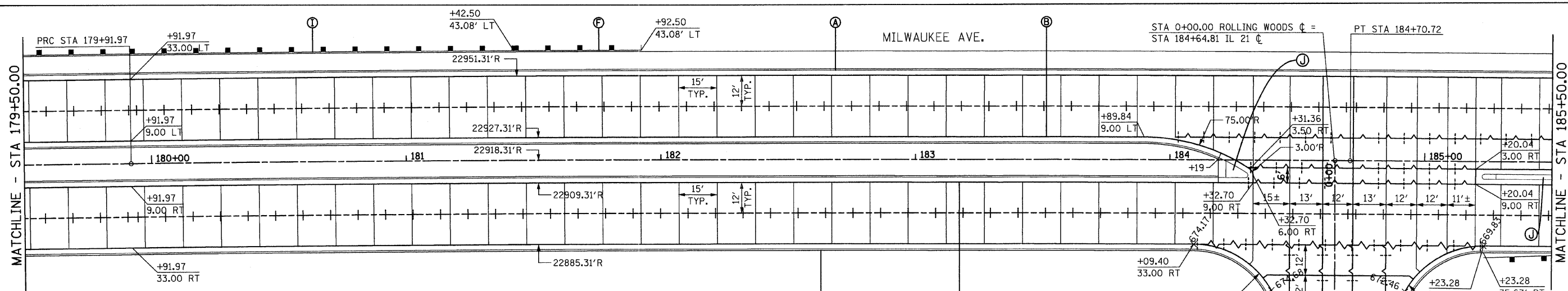
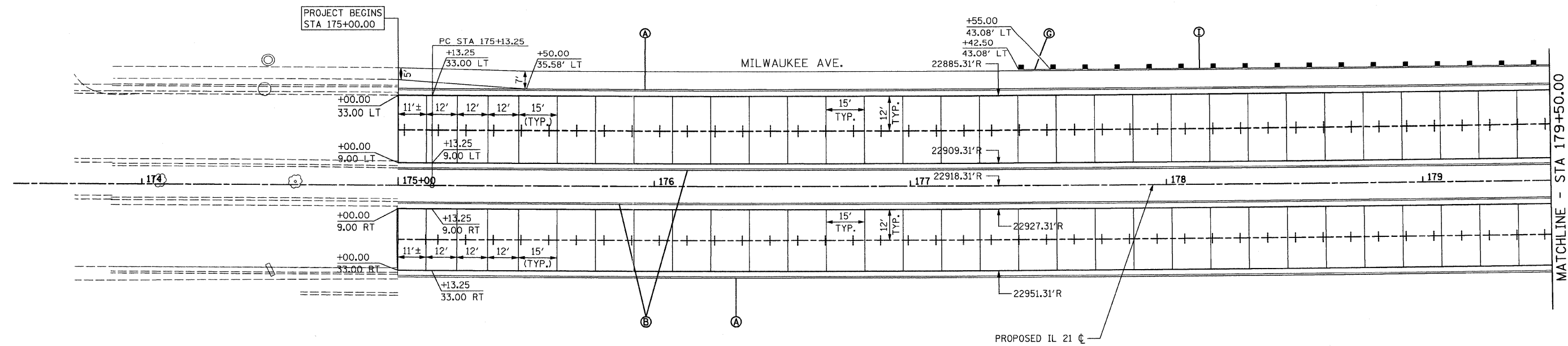
RUETTIGER, TONELLI & ASSOCIATES, INC.
Land Surveyors/Engineers/Planners/Landscape Architects/G.I.S. Consultants
2174 ONEIDA STREET
SHELBY, ILLINOIS 62453
PH. (618) 746-6600 FAX (618) 744-0101

PLAT OF HIGHWAYS
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
FAP 330 (IL 21)
SECTION: 128R-3 COUNTY: LAKE
PROJECT JOB NO.: R-91-027-01
STATION 462+00 TO STATION 468+50
SCALE: 1"=30' SHEET 28 OF
BUREAU OF LAND ACQUISITION
201 WEST CENTER COURT
SCHAUMBURG, ILLINOIS 60196

RECEIVED
APR 27 2011
PLATS & LEGALS

REVISED: 4-22-11/DELETED 20PE-E, REVISED 20TE-F

REVISION DATE: 1-26-11
REVISION
ADDED 20PE-J, REVISED 20TE-F
REVISE 0020 PARCEL TABLE
REVISE 0020 PARCEL TABLE
ADD PE'S & REVISE TE'S ON 0020 PER IDOT
TYPO IN TABLE

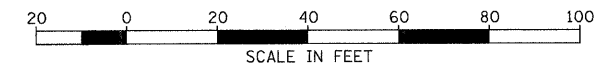


LEGEND

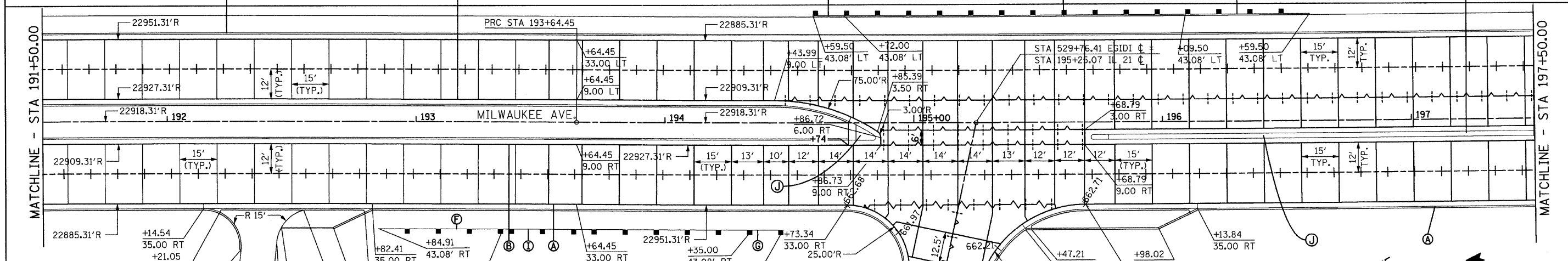
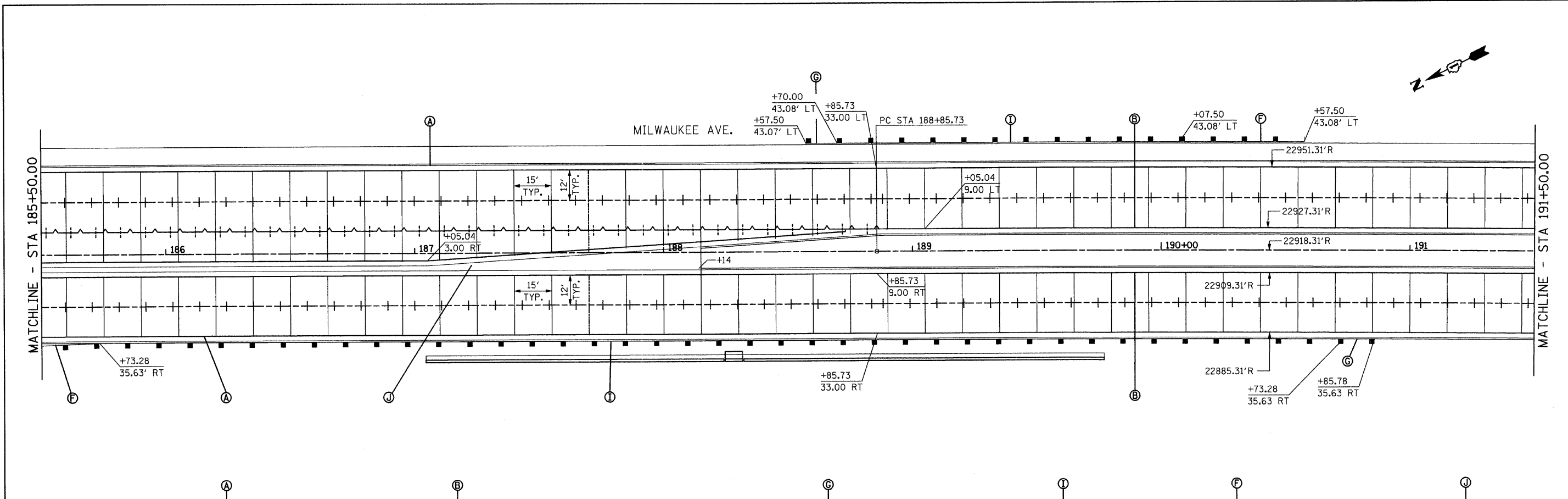
- ROADWAY
- - - - SAWED LONGITUDINAL JOINT (IDOT 420001)
- - - - LONGITUDINAL CONSTRUCTION JOINT GROUTED IN PLACE TIE BAR (IDOT 420001)
- - - - LONGITUDINAL CONSTRUCTION JOINT WITH DOWEL BARS
- - - - 50mm EXPANSION JOINT WITH SLEEPER SLAB AND BACKER ROD
- - - - SAWED CONTRACTION JOINT (IDOT 420001) SPACED @ 15' APART UNLESS NOTED
- - - - LONGITUDINAL EXPANSION JOINT (IDOT 420001)

LEGEND

- (A) COMBINATION CONCRETE CURB & GUTTER, TYPE B-6.24
- (B) COMBINATION CONCRETE CURB & GUTTER, TYPE B-6.24 (SPECIAL)
- (C) COMBINATION CONCRETE CURB & GUTTER, TYPE B-6.12
- (D) CONCRETE MEDIAN SURFACE, 4"
- (E) CONCRETE MEDIAN, TYPE M-2.12
- (F) TRAFFIC BARRIER TERMINAL, TYPE 1 (SPECIAL) TANGENT
- (G) TRAFFIC BARRIER TERMINAL, TYPE 2
- (H) TRAFFIC BARRIER TERMINAL, TYPE 6
- (I) STEEL PLATE BEAM GUARDRAIL, TYPE A, 9 FOOT POST
- (J) CONCRETE MEDIAN, TYPE SB-6.24



FILE NAME = H:\102901\cadd sheets\sh-t\joint001.dgn	USER NAME = IDDT	DESIGNED - EJM	REVISIONS -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	JOINTING AND LAYOUT PLAN IL RTE 21 (MILWAUKEE AVE)	F.A.P. RTE. 330	SECTION 128R-3	COUNTY LAKE	TOTAL SHEETS 518	SHEET NO. 155	
PLOT SCALE = 20.0000' / IN.	CHECKED - GFL	DATE - 4/30/2011	REVISIONS -			SCALE: 1" = 20'	SHEET NO. OF SHEETS	STA. 173+50.00 TO STA. 185+50.00	CONTRACT NO. 60953		ILLINOIS FED. AID PROJECT
PLOT DATE = 8/11/2011	DATE - 4/30/2011	REVISIONS -	REVISIONS -								



LEGEND

- (A) COMBINATION CONCRETE CURB & GUTTER, TYPE B-6.24
- (B) COMBINATION CONCRETE CURB & GUTTER, TYPE B-6.24 (SPECIAL)
- (C) COMBINATION CONCRETE CURB & GUTTER, TYPE B-6.12
- (D) CONCRETE MEDIAN SURFACE, 4"
- (E) CONCRETE MEDIAN, TYPE M-2.12
- (F) TRAFFIC BARRIER TERMINAL, TYPE 1 (SPECIAL) TANGENT
- (G) TRAFFIC BARRIER TERMINAL, TYPE 2
- (H) TRAFFIC BARRIER TERMINAL, TYPE 6
- (I) STEEL PLATE BEAM GUARDRAIL, TYPE A, 9 FOOT POST
- (J) CONCRETE MEDIAN, TYPE SB-6.24

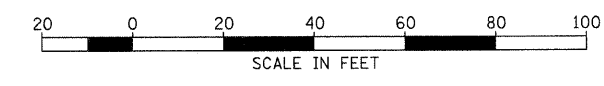
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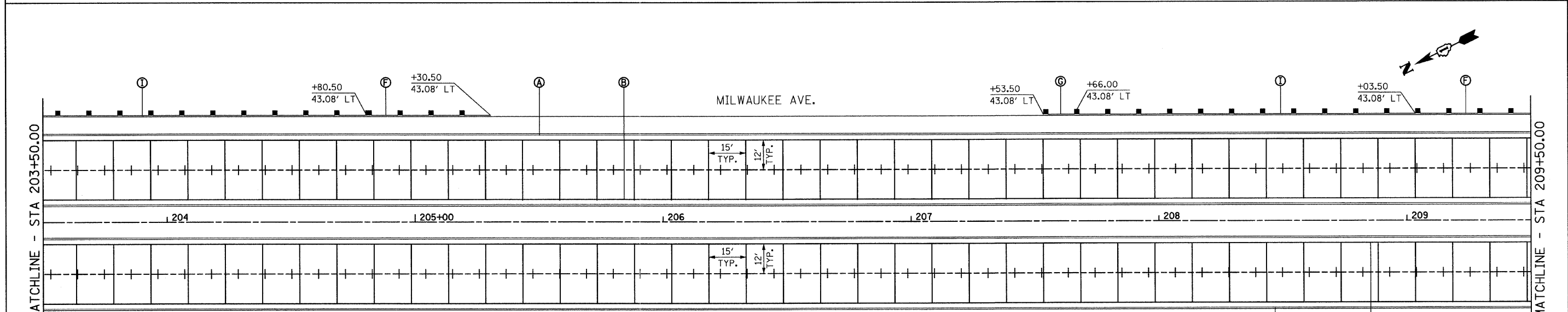
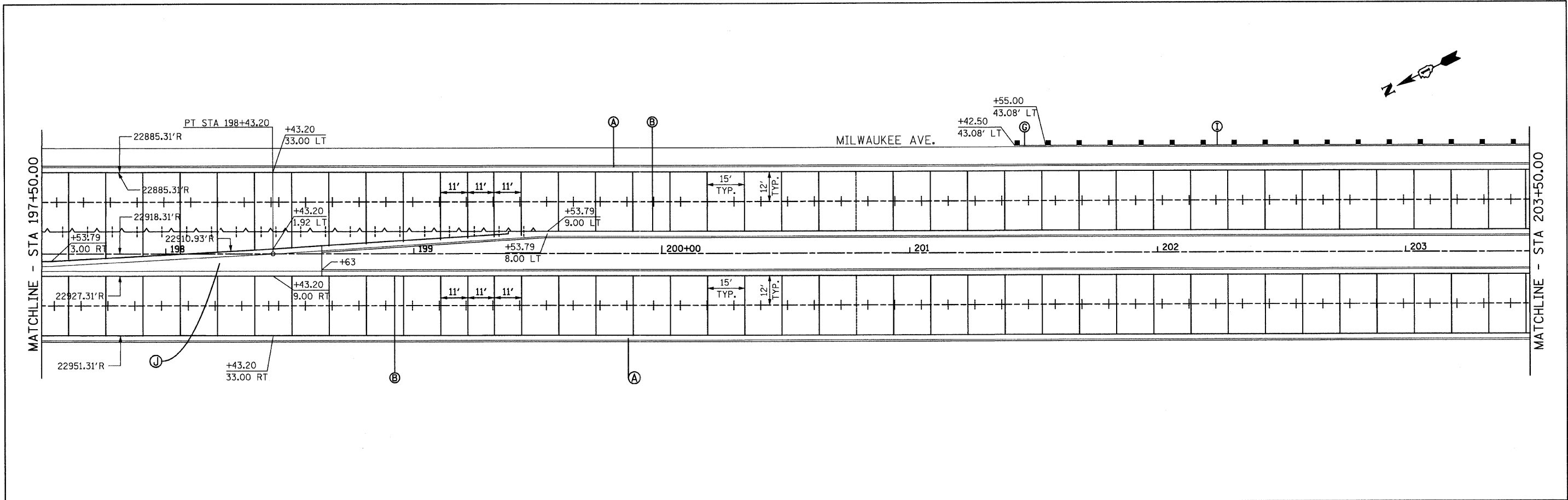
- ROADWAY
- SAWED LONGITUDINAL JOINT (IDOT 420001)
- LONGITUDINAL CONSTRUCTION JOINT GROUTED IN PLACE TIE BAR (IDOT 420001)
- LONGITUDINAL CONSTRUCTION JOINT WITH DOWEL BARS
- 50mm EXPANSION JOINT WITH SLEEPER SLAB AND BACKER ROD
- SAWED CONTRACTION JOINT (IDOT 420001) SPACED @ 15' APART UNLESS NOTED
- LONGITUDINAL EXPANSION JOINT (IDOT 420001)

LEGEND

- (A) +14.54/35.00 RT
- (B) +21.05/36.48 RT
- (C) +29.49/51.52 RT
- (D) +27.70/69.12 RT
- (E) +41.67/70.53 RT
- (F) +45.79/42.58 RT
- (G) +43.90/48.50 RT
- (H) +54.71/35.58 RT
- (I) +82.41/35.00 RT
- (J) +79.32/36.48 RT
- (K) +84.91/43.08' RT
- (L) +35.00/43.08' RT
- (M) +64.45/33.00 RT
- (N) +35.00/43.08' RT
- (O) +47.50/43.08' RT
- (P) +73.34/33.00 RT
- (Q) +97.65/25.00'R
- (R) +62.12 RT
- (S) +134.00'R
- (T) +96.55/70.21 RT
- (U) +132.79'R
- (V) +96.80/13.61 LT
- (W) +84.71/19.01 LT
- (X) +73.98/37.04 LT
- (Y) +66.32/32.69 LT
- (Z) +56.13/11.17 LT
- (AA) +47.21/43.17 RT
- (AB) +98.02/42.58 RT
- (AC) +68.90/33.00 RT
- (AD) +13.84/35.00 RT
- (AE) +24.31/73.17 RT
- (AF) +45.00'R
- (AG) +68.79/3.00 RT
- (AH) +68.79/3.00 RT
- (AI) +49.50/43.08' LT
- (AJ) +59.50/43.08' LT
- (AK) +15' TYP.
- (AL) +12' TYP.

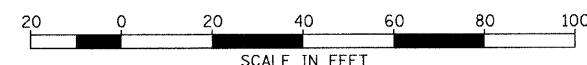
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11\10290\10add sheets\sh-t-joint002.dgn		DRAWN - BK	REVISED -			330	128R-3	LAKE	518	156	
PLOT SCALE = 20.0000' / IN.		CHECKED - GFL	REVISED -			SCALE: 1" = 20'		SHEET NO. OF SHEETS		STA. 185+50.00 TO STA. 197+50.00	
PLOT DATE = 8/11/2011		DATE - 4/30/2011	REVISED -			CONTRACT NO. 60953					





<p>LEGEND</p> <p>⊕ ROADWAY</p> <p>--- SAWED LONGITUDINAL JOINT (IDOT 420001)</p> <p>--- LONGITUDINAL CONSTRUCTION JOINT GROUTED IN PLACE TIE BAR (IDOT 420001)</p> <p>--- LONGITUDINAL CONSTRUCTION JOINT WITH DOWEL BARS</p>	<p>50mm EXPANSION JOINT WITH SLEEPER SLAB AND BACKER ROD</p> <p>--- SAWED CONTRACTION JOINT (IDOT 420001) SPACED @ 15' APART UNLESS NOTED</p> <p>--- LONGITUDINAL EXPANSION JOINT (IDOT 420001)</p>
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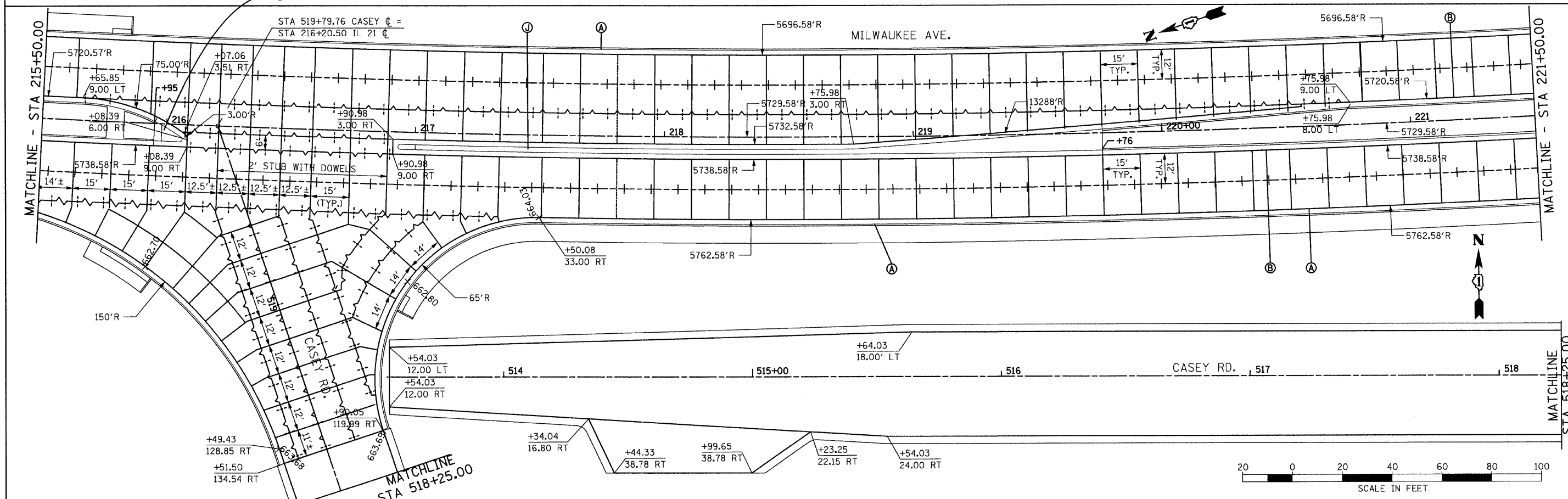
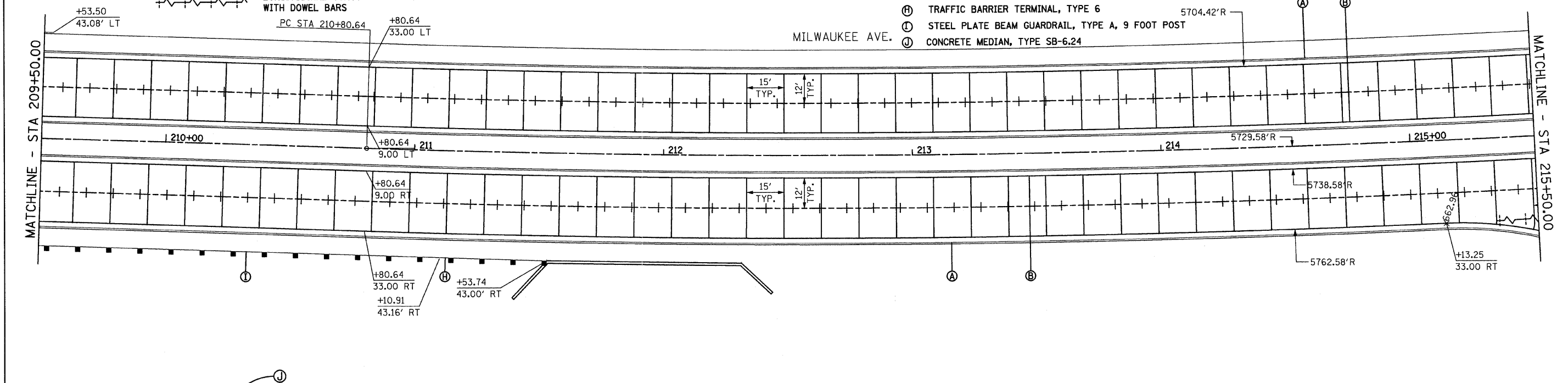
- LEGEND**
- Ⓐ COMBINATION CONCRETE CURB & GUTTER, TYPE B-6.24
 - Ⓑ COMBINATION CONCRETE CURB & GUTTER, TYPE B-6.24 (SPECIAL)
 - Ⓒ COMBINATION CONCRETE CURB & GUTTER, TYPE B-6.12
 - Ⓓ CONCRETE MEDIAN SURFACE, 4"
 - Ⓔ CONCRETE MEDIAN, TYPE M-2.12
 - Ⓕ TRAFFIC BARRIER TERMINAL, TYPE 1 (SPECIAL) TANGENT
 - Ⓖ TRAFFIC BARRIER TERMINAL, TYPE 2
 - Ⓗ TRAFFIC BARRIER TERMINAL, TYPE 6
 - Ⓙ STEEL PLATE BEAM GUARDRAIL, TYPE A, 9 FOOT POST
 - ⓵ CONCRETE MEDIAN, TYPE SB-6.24



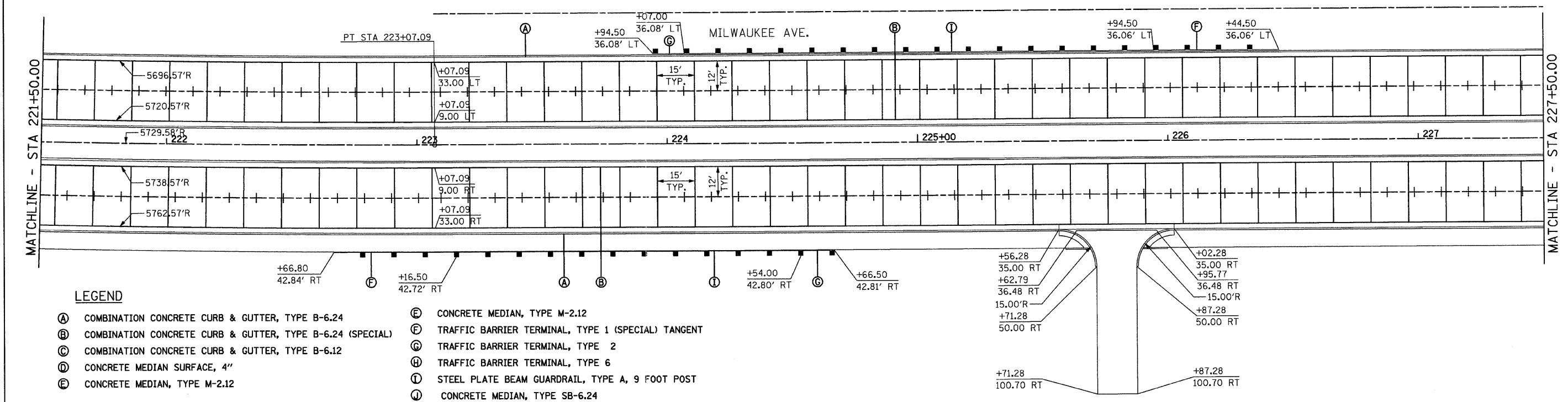
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PLOT SCALE = 28.0000' / IN.	CHECKED - GFL	REVISOR -	DATE - 4/30/2011		SCALE: 1" = 20'	SHEET NO.	OF	SHEETS	STA. 197+50.00 TO STA. 209+50.00	CONTRACT NO. 60953			
PLOT DATE = 8/11/2011	DATE - 4/30/2011	REVISOR -	REVISOR -		ILLINOIS FED. AID PROJECT								

- LEGEND**
- > ROADWAY
 - +--- SAWED LONGITUDINAL JOINT (IDOT 420001)
 - +--- LONGITUDINAL CONSTRUCTION JOINT GROUTED IN PLACE TIE BAR (IDOT 420001)
 - +--- LONGITUDINAL CONSTRUCTION JOINT WITH DOWEL BARS
 - 50mm EXPANSION JOINT WITH SLEEPER SLAB AND BACKER ROD
 - SAWED CONTRACTION JOINT (IDOT 420001) SPACED @ 15' APART UNLESS NOTED
 - LONGITUDINAL EXPANSION JOINT (IDOT 420001)

- LEGEND**
- (A) COMBINATION CONCRETE CURB & GUTTER, TYPE B-6.24
 - (B) COMBINATION CONCRETE CURB & GUTTER, TYPE B-6.24 (SPECIAL)
 - (C) COMBINATION CONCRETE CURB & GUTTER, TYPE B-6.12
 - (D) CONCRETE MEDIAN SURFACE, 4"
 - (E) CONCRETE MEDIAN, TYPE M-2.12
 - (F) TRAFFIC BARRIER TERMINAL, TYPE 1 (SPECIAL) TANGENT
 - (G) TRAFFIC BARRIER TERMINAL, TYPE 2
 - (H) TRAFFIC BARRIER TERMINAL, TYPE 6
 - (I) STEEL PLATE BEAM GUARDRAIL, TYPE A, 9 FOOT POST
 - (J) CONCRETE MEDIAN, TYPE SB-6.24



FILE NAME =	USER NAME = IDOT	DESIGNED - EJM	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	JOINTING AND LAYOUT PLAN IL RTE 21 (MILWAUKEE AVE)	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
1:\102981\cadd sheets\sh1-joint004.dgn	PLOT SCALE = 20.0000' / IN.	DRAWN - BK	REVISED -			330	128R-3	LAKE	518	158	
PLOT DATE = 8/11/2011	DATE = 4/30/2011	CHECKED - GFL	REVISED -			CONTRACT NO. 60953					
						ILLINOIS FED. AID PROJECT					
						SCALE: 1" = 20' SHEET NO. OF SHEETS STA. 203+50.00 TO STA. 221+50.00					

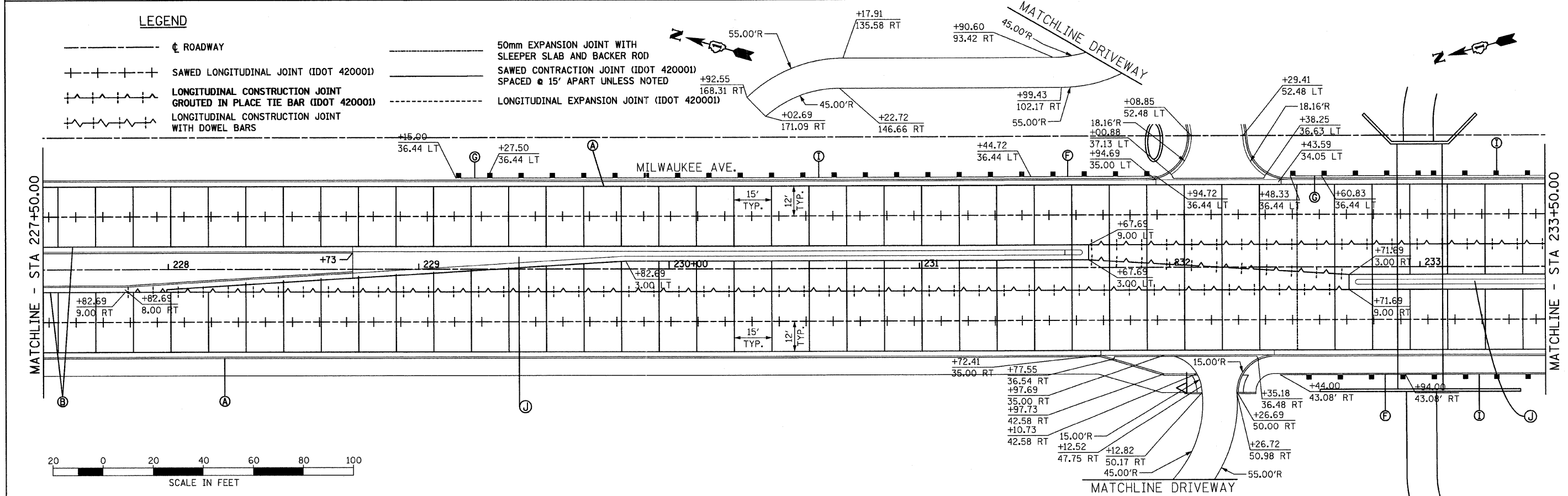


LEGEND

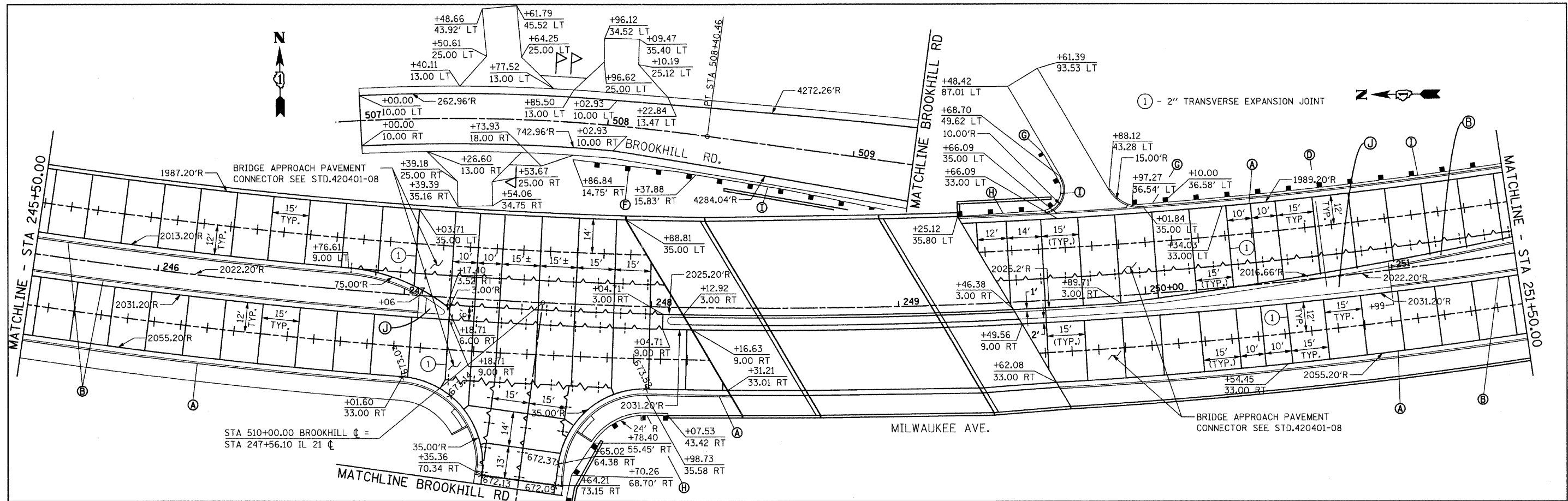
- | | |
|---|--|
| (A) COMBINATION CONCRETE CURB & GUTTER, TYPE B-6.24 | (E) CONCRETE MEDIAN, TYPE M-2.12 |
| (B) COMBINATION CONCRETE CURB & GUTTER, TYPE B-6.24 (SPECIAL) | (F) TRAFFIC BARRIER TERMINAL, TYPE 1 (SPECIAL) TANGENT |
| (C) COMBINATION CONCRETE CURB & GUTTER, TYPE B-6.12 | (G) TRAFFIC BARRIER TERMINAL, TYPE 2 |
| (D) CONCRETE MEDIAN SURFACE, 4" | (H) TRAFFIC BARRIER TERMINAL, TYPE 6 |
| (E) CONCRETE MEDIAN, TYPE M-2.12 | (I) STEEL PLATE BEAM GUARDRAIL, TYPE A, 9 FOOT POST |
| | (J) CONCRETE MEDIAN, TYPE SB-6.24 |

LEGEND

- | | |
|--|---|
| --- ROADWAY | 50mm EXPANSION JOINT WITH SLEEPER SLAB AND BACKER ROD |
| --- SAWED LONGITUDINAL JOINT (IDOT 420001) | SAWED CONTRACTION JOINT (IDOT 420001) SPACED @ 15' APART UNLESS NOTED |
| --- LONGITUDINAL CONSTRUCTION JOINT GROUDED IN PLACE TIE BAR (IDOT 420001) | LONGITUDINAL EXPANSION JOINT (IDOT 420001) |
| --- LONGITUDINAL CONSTRUCTION JOINT WITH DOWEL BARS | |

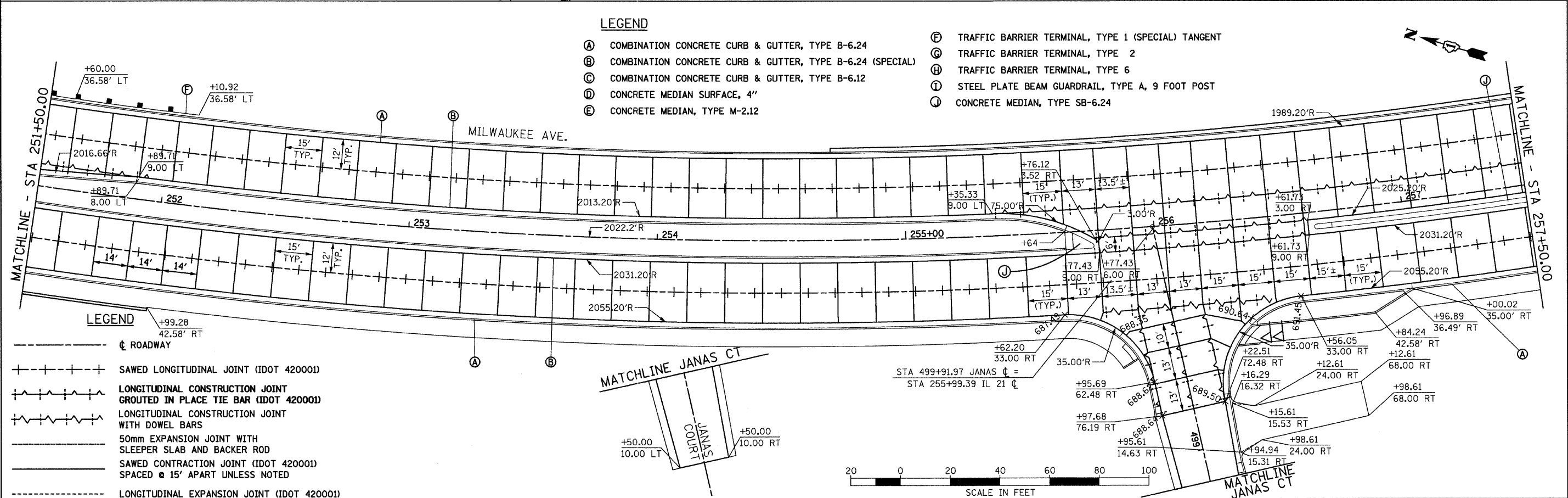


FILE NAME =	USER NAME = IDOT	DESIGNED - EJM	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	JOINTING AND LAYOUT PLAN IL RTE 21 (MILWAUKEE AVE)	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
u:\1022981\cadd sheets\sh-t-joint\05.dgn		DRAWN - BK	REVISED -			330	128R-3	LAKE	518	159	
PLOT SCALE = 28.0000' / IN.		CHECKED - GFL	REVISED -			CONTRACT NO. 60953					
PLOT DATE = 8/11/2011		DATE - 4/30/2011	REVISED -			ILLINOIS FED. AID PROJECT					



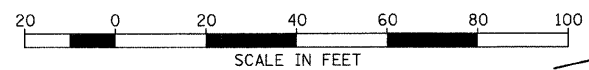
LEGEND

- (A) COMBINATION CONCRETE CURB & GUTTER, TYPE B-6.24
- (B) COMBINATION CONCRETE CURB & GUTTER, TYPE B-6.24 (SPECIAL)
- (C) COMBINATION CONCRETE CURB & GUTTER, TYPE B-6.12
- (D) CONCRETE MEDIAN SURFACE, 4"
- (E) CONCRETE MEDIAN, TYPE M-2.12
- (F) TRAFFIC BARRIER TERMINAL, TYPE 1 (SPECIAL) TANGENT
- (G) TRAFFIC BARRIER TERMINAL, TYPE 2
- (H) TRAFFIC BARRIER TERMINAL, TYPE 6
- (I) STEEL PLATE BEAM GUARDRAIL, TYPE A, 9 FOOT POST
- (J) CONCRETE MEDIAN, TYPE SB-6.24

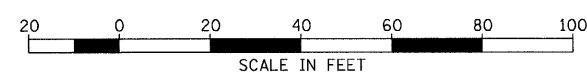
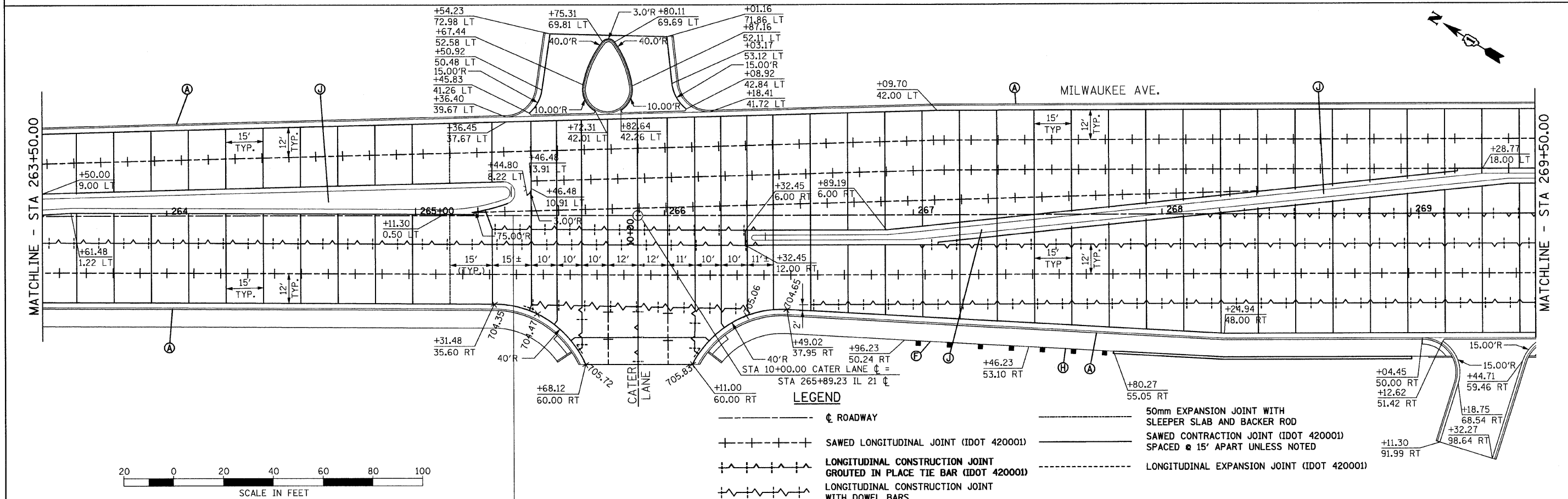
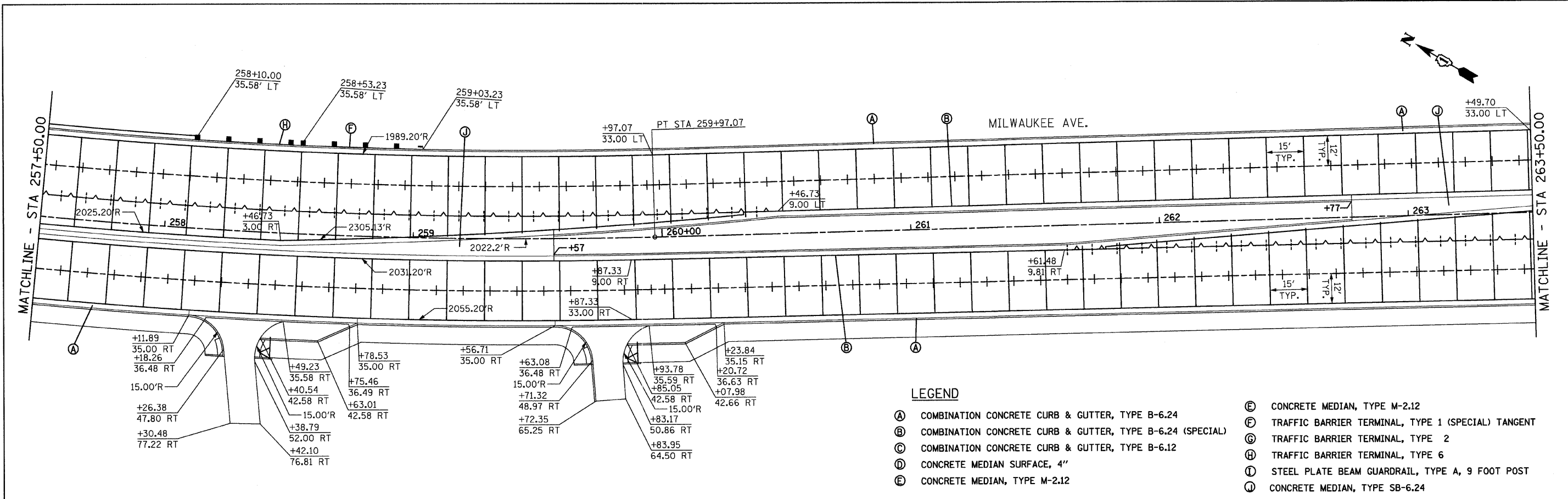


LEGEND

- ☐ ROADWAY
- SAWED LONGITUDINAL JOINT (IDOT 420001)
- LONGITUDINAL CONSTRUCTION JOINT GROUTED IN PLACE TIE BAR (IDOT 420001)
- LONGITUDINAL CONSTRUCTION JOINT WITH DOWEL BARS
- 50mm EXPANSION JOINT WITH SLEEPER SLAB AND BACKER ROD
- SAWED CONTRACTION JOINT (IDOT 420001) SPACED @ 15' APART UNLESS NOTED
- LONGITUDINAL EXPANSION JOINT (IDOT 420001)



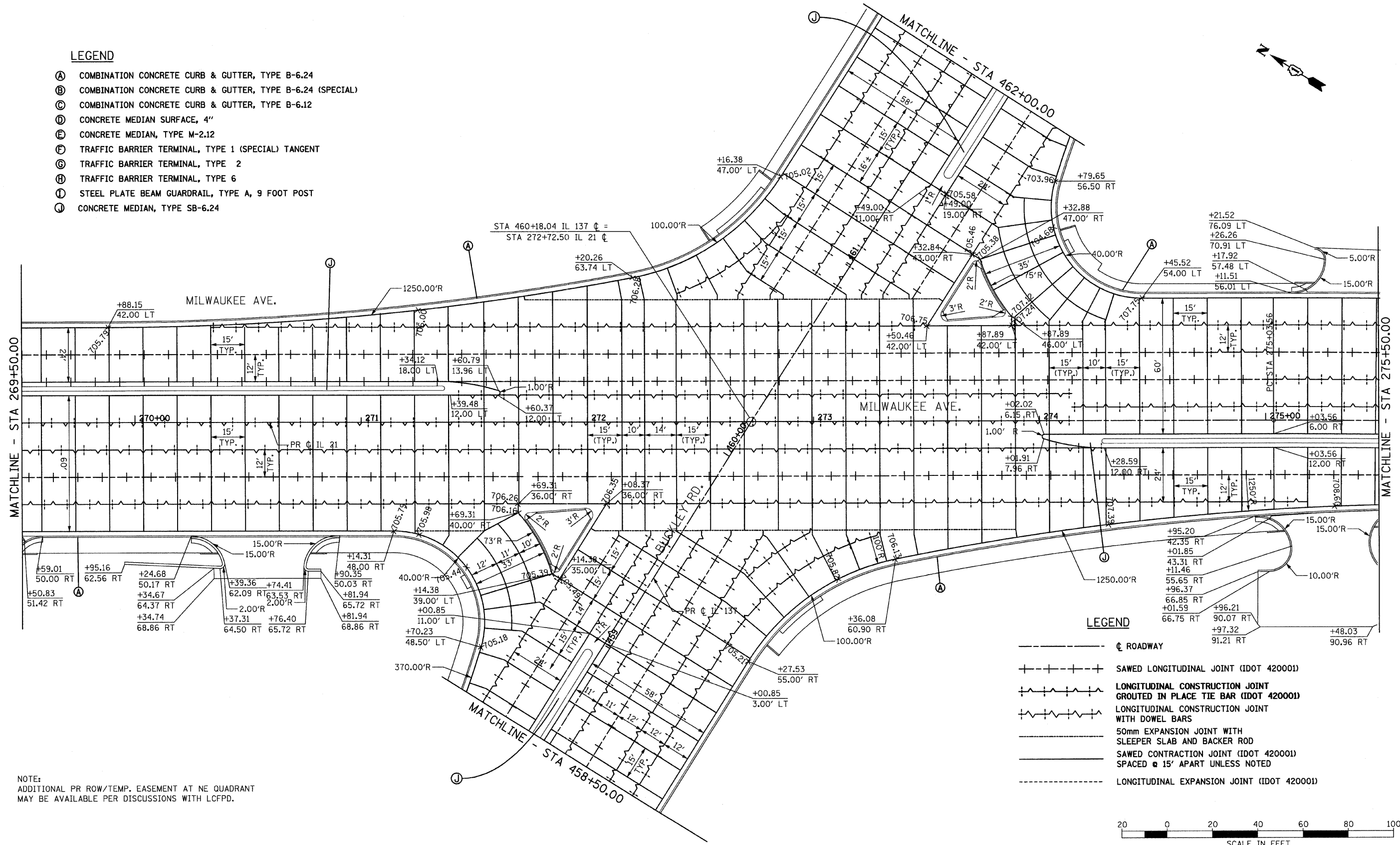
FILE NAME =	USER NAME = IDOT	DESIGNED - EJM	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	JOINTING AND LAYOUT PLAN IL RTE 21 (MILWAUKEE AVE)	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
1:\1022981\oadd sheets\shjt-join1007.dgn		DRAWN - BK	REVISED -			330	128R-3	LAKE	518	161	
PLOT SCALE = 28.0000' / IN.		CHECKED - GFL	REVISED -			SCALE: 1" = 20'		SHEET NO. OF SHEETS		STA. 245+50.00 TO STA. 257+50.00	
PLOT DATE = 8/11/2011		DATE - 4/30/2011	REVISED -					ILLINOIS FED. AID PROJECT		CONTRACT NO. 60953	



FILE NAME =	USER NAME = IDOT	DESIGNED - EJM	REVISIONS -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	JOINTING AND LAYOUT PLAN IL RTE 21 (MILWAUKEE AVE)	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
h:\102981\cadd sheets\shjt\joint000.dgn	PLOT SCALE = 28.0000' / IN.	DRAWN - BK	REVISIONS -			330	128R-3	LAKE	518	162
PLOT DATE = 8/11/2011	DATE = 4/30/2011	CHECKED - GFL	REVISIONS -			CONTRACT NO. 60953			ILLINOIS FED. AID PROJECT	
		DATE = 4/30/2011	REVISIONS -			SCALE: 1" = 20'		SHEET NO. OF SHEETS		STA. 257+50.00 TO STA. 269+50.00

LEGEND

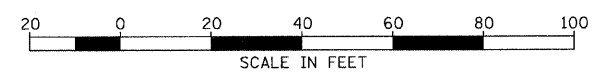
- (A) COMBINATION CONCRETE CURB & GUTTER, TYPE B-6.24
- (B) COMBINATION CONCRETE CURB & GUTTER, TYPE B-6.24 (SPECIAL)
- (C) COMBINATION CONCRETE CURB & GUTTER, TYPE B-6.12
- (D) CONCRETE MEDIAN SURFACE, 4"
- (E) CONCRETE MEDIAN, TYPE M-2.12
- (F) TRAFFIC BARRIER TERMINAL, TYPE 1 (SPECIAL) TANGENT
- (G) TRAFFIC BARRIER TERMINAL, TYPE 2
- (H) TRAFFIC BARRIER TERMINAL, TYPE 6
- (I) STEEL PLATE BEAM GUARDRAIL, TYPE A, 9 FOOT POST
- (J) CONCRETE MEDIAN, TYPE SB-6.24



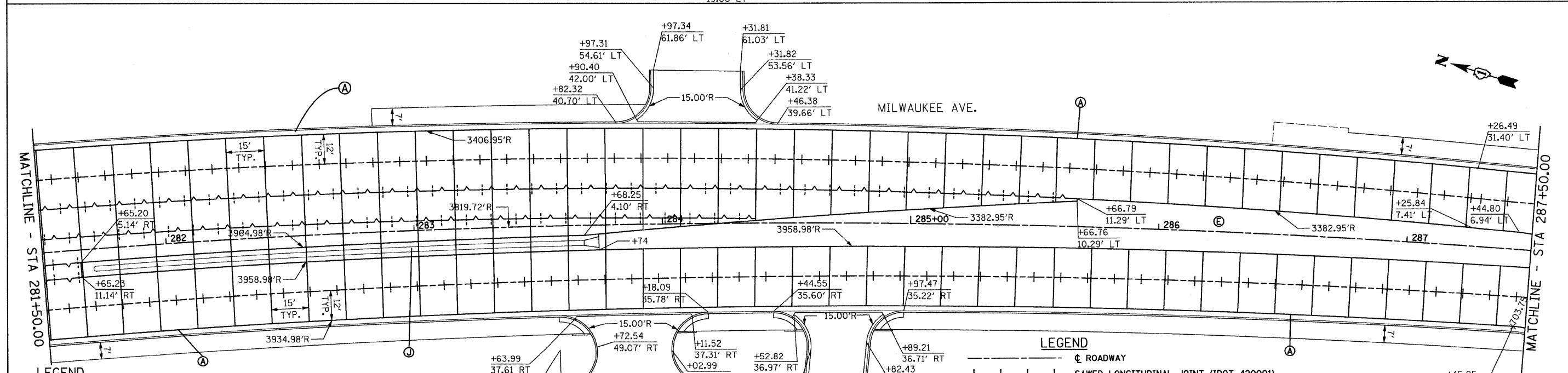
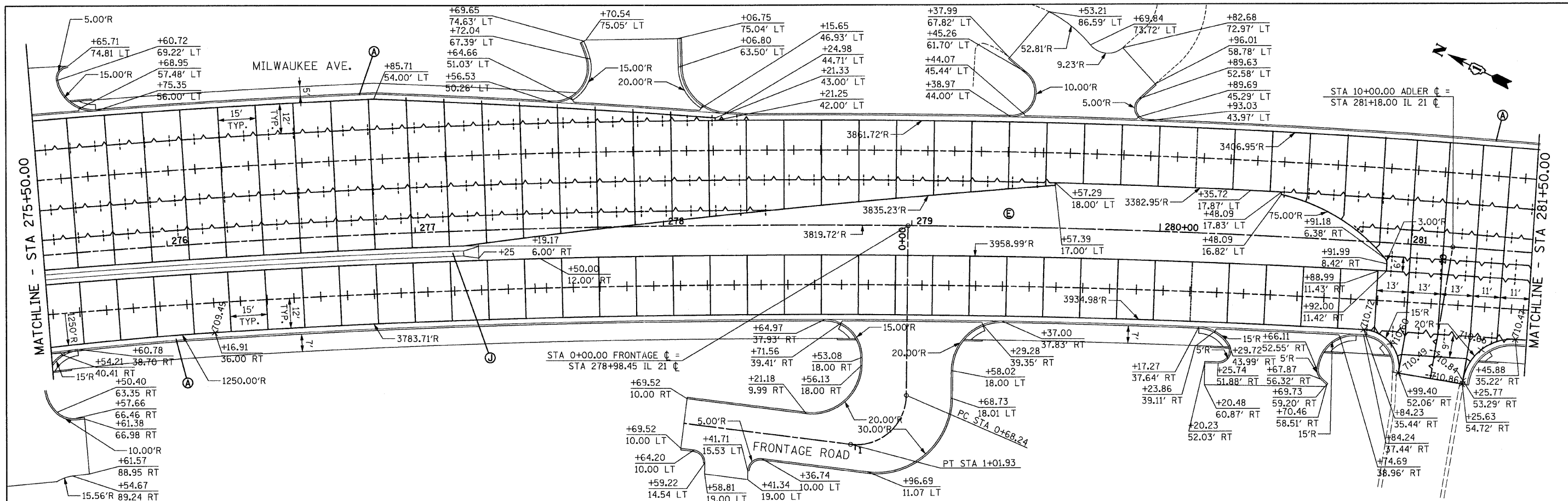
LEGEND

- ö---ö ö ROADWAY
- +---+---+---+ SAWED LONGITUDINAL JOINT (IDOT 420001)
- +---+---+---+ LONGITUDINAL CONSTRUCTION JOINT GROUTED IN PLACE TIE BAR (IDOT 420001)
- +---+---+---+ LONGITUDINAL CONSTRUCTION JOINT WITH DOWEL BARS
- +---+---+---+ 50mm EXPANSION JOINT WITH SLEEPER SLAB AND BACKER ROD
- +---+---+---+ SAWED CONTRACTION JOINT (IDOT 420001) SPACED @ 15' APART UNLESS NOTED
- +---+---+---+ LONGITUDINAL EXPANSION JOINT (IDOT 420001)

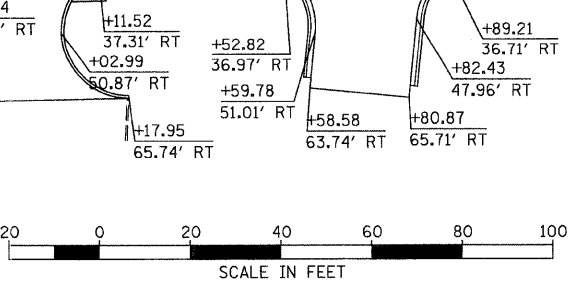
NOTE:
ADDITIONAL PR ROW/TEMP. EASEMENT AT NE QUADRANT
MAY BE AVAILABLE PER DISCUSSIONS WITH LCFFD.



FILE NAME = i:\102981\load sheets\sh1-joint009.dgn	USER NAME = IDDT	DESIGNED - EJM	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	INTERSECTION LAYOUT PLAN IL RTE 21 & IL RTE 137			F.A.P. RTE. 330	SECTION 128R-3	COUNTY LAKE	TOTAL SHEETS 518	SHEET NO. 163
PLOT SCALE = 28.0000' / IN.	CHECKED - GFL	REVISOR -	REVISOR -		SCALE: 1" = 20'	SHEET NO. OF SHEETS	STA. 269+50.00 TO STA. 275+50.00	CONTRACT NO. 60953				
PLOT DATE = 8/11/2011	DATE - 12/17/10	REVISOR -	REVISOR -		FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT							



- LEGEND**
- (A) COMBINATION CONCRETE CURB & GUTTER, TYPE B-6.24
 - (B) COMBINATION CONCRETE CURB & GUTTER, TYPE B-6.24 (SPECIAL)
 - (C) COMBINATION CONCRETE CURB & GUTTER, TYPE B-6.12
 - (D) CONCRETE MEDIAN SURFACE, 4"
 - (E) CONCRETE MEDIAN, TYPE M-2.12
 - (F) CONCRETE MEDIAN, TYPE M-2.12
 - (G) TRAFFIC BARRIER TERMINAL, TYPE 1 (SPECIAL) TANGENT
 - (H) TRAFFIC BARRIER TERMINAL, TYPE 2
 - (I) TRAFFIC BARRIER TERMINAL, TYPE 6
 - (J) STEEL PLATE BEAM GUARDRAIL, TYPE A, 9 FOOT POST
 - (K) CONCRETE MEDIAN, TYPE SB-6.24



- LEGEND**
- ☐ ROADWAY
 - SAWED LONGITUDINAL JOINT (IDOT 420001)
 - LONGITUDINAL CONSTRUCTION JOINT GROUTED IN PLACE TIE BAR (IDOT 420001)
 - LONGITUDINAL CONSTRUCTION JOINT WITH DOWEL BARS
 - 50mm EXPANSION JOINT WITH SLEEPER SLAB AND BACKER ROD
 - SAWED CONTRACTION JOINT (IDOT 420001) SPACED @ 15' APART UNLESS NOTED
 - LONGITUDINAL EXPANSION JOINT (IDOT 420001)

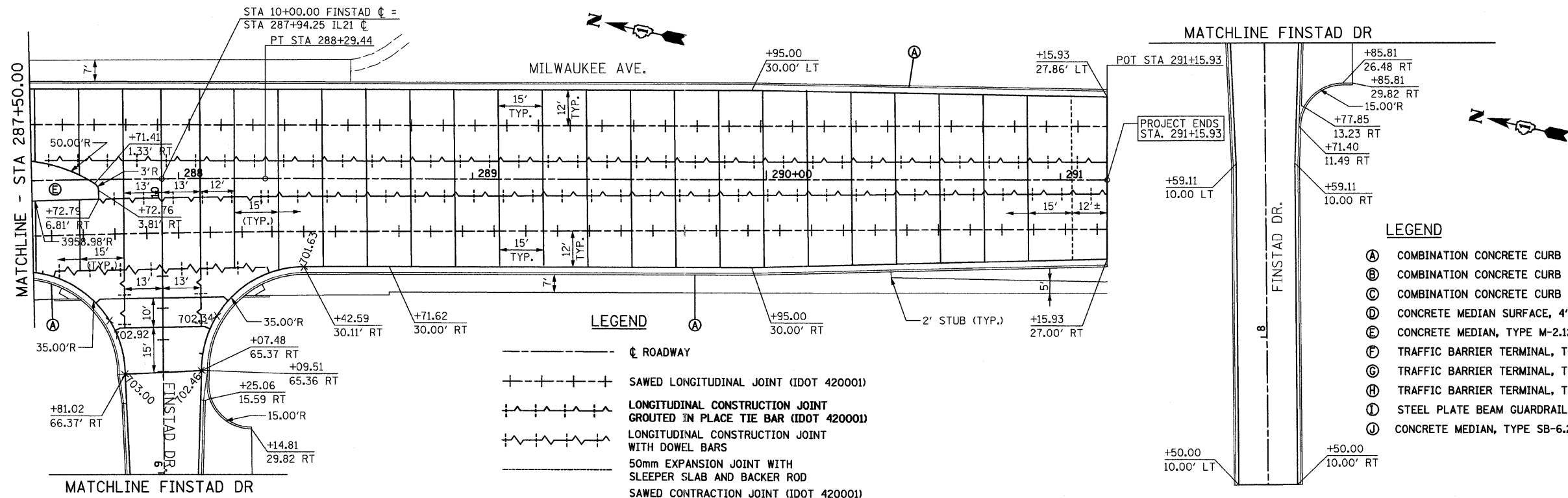
FILE NAME =	USER NAME = IDOT	DESIGNED - EJM	REVISED -
\\102981\oaddd sheets\ah-t-join018.dgn		DRAWN - BK	REVISED -
		CHECKED - GFL	REVISED -
		DATE - 4/30/2011	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**JOINTING AND LAYOUT PLAN
IL RTE 21 (MILWAUKEE AVE)**

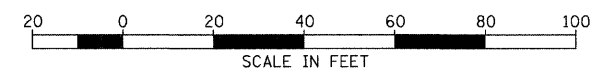
SCALE: 1" = 20' SHEET NO. OF SHEETS STA. 275+50.00 TO STA. 287+50.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
330	128R-3	LAKE	518	164
CONTRACT NO. 60953				
ILLINOIS FED. AID PROJECT				

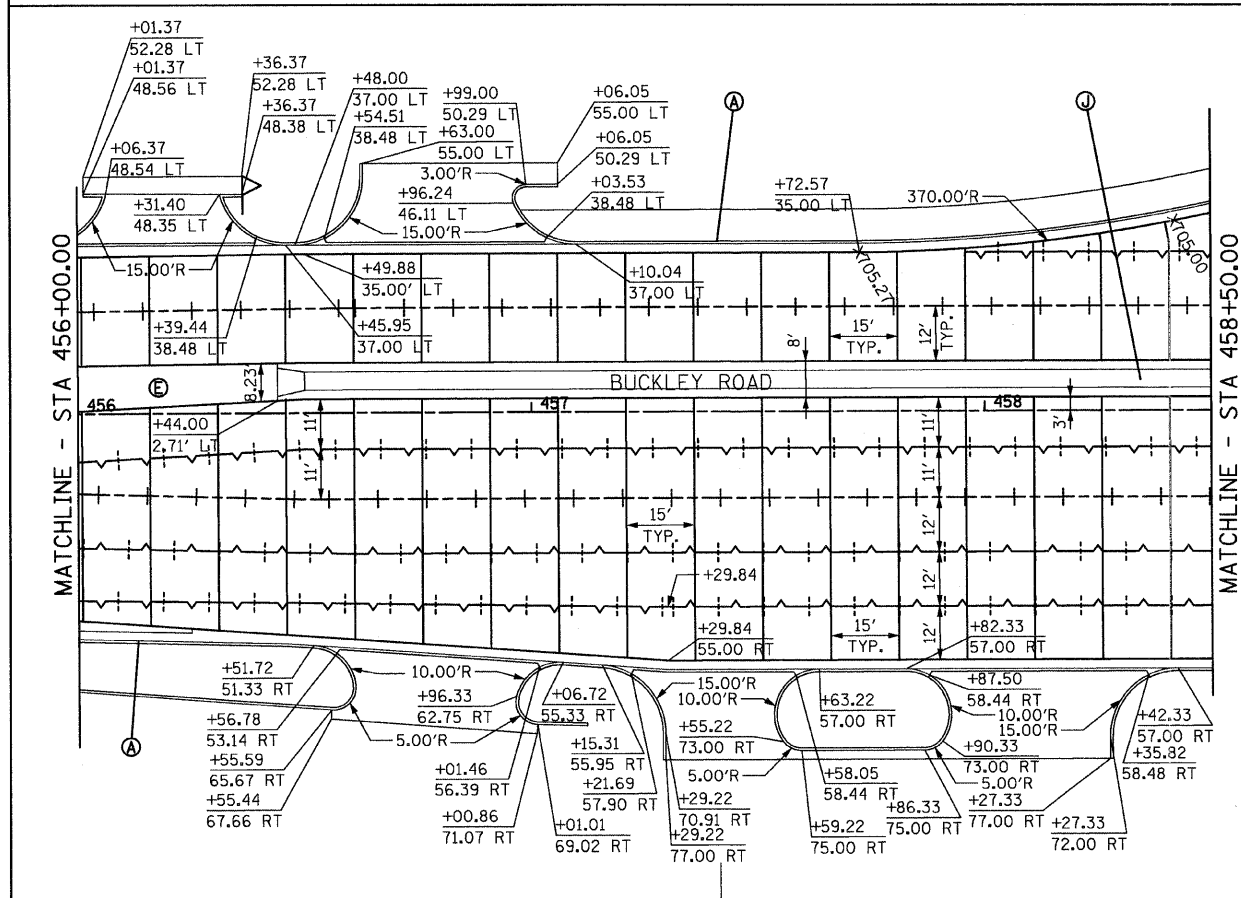
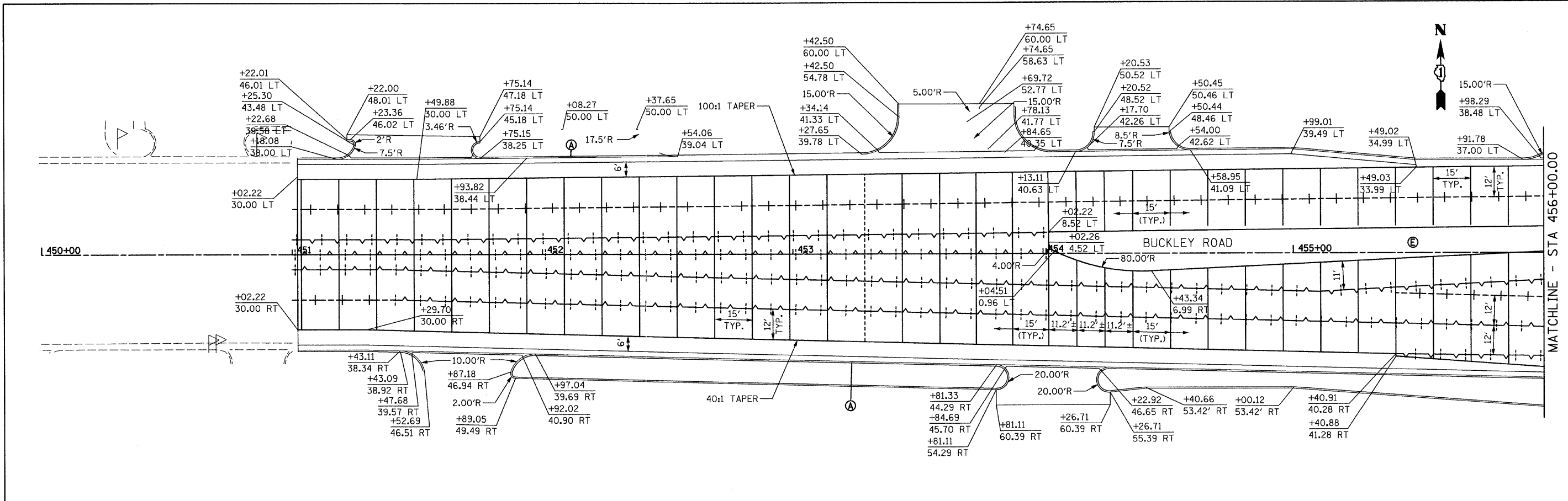


- LEGEND**
- Ⓐ COMBINATION CONCRETE CURB & GUTTER, TYPE B-6.24
 - Ⓑ COMBINATION CONCRETE CURB & GUTTER, TYPE B-6.24 (SPECIAL)
 - Ⓒ COMBINATION CONCRETE CURB & GUTTER, TYPE B-6.12
 - Ⓓ CONCRETE MEDIAN SURFACE, 4"
 - Ⓔ CONCRETE MEDIAN, TYPE M-2.12
 - Ⓕ TRAFFIC BARRIER TERMINAL, TYPE 1 (SPECIAL) TANGENT
 - Ⓖ TRAFFIC BARRIER TERMINAL, TYPE 2
 - Ⓗ TRAFFIC BARRIER TERMINAL, TYPE 6
 - Ⓘ STEEL PLATE BEAM GUARDRAIL, TYPE A, 9 FOOT POST
 - Ⓚ CONCRETE MEDIAN, TYPE SB-6.24

- LEGEND**
- Ⓚ ROADWAY
 - - - - - SAWED LONGITUDINAL JOINT (IDOT 420001)
 - + - + - LONGITUDINAL CONSTRUCTION JOINT GROUTED IN PLACE TIE BAR (IDOT 420001)
 - + - + - LONGITUDINAL CONSTRUCTION JOINT WITH DOWEL BARS
 - - - - - 50mm EXPANSION JOINT WITH SLEEPER SLAB AND BACKER ROD
 - - - - - SAWED CONTRACTION JOINT (IDOT 420001) SPACED @ 15' APART UNLESS NOTED
 - - - - - LONGITUDINAL EXPANSION JOINT (IDOT 420001)

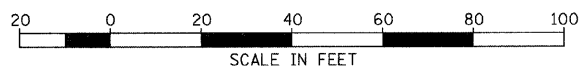


FILE NAME = u:\182981\cadd sheets\sh-t-joint011.dgn	USER NAME = IDOT	DESIGNED - EJM	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	JOINTING AND LAYOUT PLAN IL RTE 21 (MILWAUKEE AVE)	F.A.P. RTE. 330	SECTION 128R-3	COUNTY LAKE	TOTAL SHEETS 518	SHEET NO. 165
	PLOT SCALE = 20.0272" / IN.	CHECKED - GFL	REVISED -			SCALE: 1" = 20'		SHEET NO. OF SHEETS STA. 287+50.00 TO STA. 291+15.93		CONTRACT NO. 60953
PLOT DATE = 8/11/2011	DATE = 4/30/2011	REVISED -	REVISED -							



- LEGEND**
- ⊕ ROADWAY
 - + + + SAWED LONGITUDINAL JOINT (IDOT 420001)
 - ⌋ LONGITUDINAL CONSTRUCTION JOINT GROUTED IN PLACE TIE BAR (IDOT 420001)
 - ⌋ LONGITUDINAL CONSTRUCTION JOINT WITH DOWEL BARS
 - 50mm EXPANSION JOINT WITH SLEEPER SLAB AND BACKER ROD
 - SAWED CONTRACTION JOINT (IDOT 420001) SPACED @ 15' APART UNLESS NOTED
 - LONGITUDINAL EXPANSION JOINT (IDOT 420001)

- LEGEND**
- (A) COMBINATION CONCRETE CURB & GUTTER, TYPE B-6.24
 - (B) COMBINATION CONCRETE CURB & GUTTER, TYPE B-6.24 (SPECIAL)
 - (C) COMBINATION CONCRETE CURB & GUTTER, TYPE B-6.12
 - (D) CONCRETE MEDIAN SURFACE, 4"
 - (E) CONCRETE MEDIAN, TYPE M-2.12
 - (F) TRAFFIC BARRIER TERMINAL, TYPE 1 (SPECIAL) TANGENT
 - (G) TRAFFIC BARRIER TERMINAL, TYPE 2
 - (H) TRAFFIC BARRIER TERMINAL, TYPE 6
 - (I) STEEL PLATE BEAM GUARDRAIL, TYPE A, 9 FOOT POST
 - (J) CONCRETE MEDIAN, TYPE SB-6.24



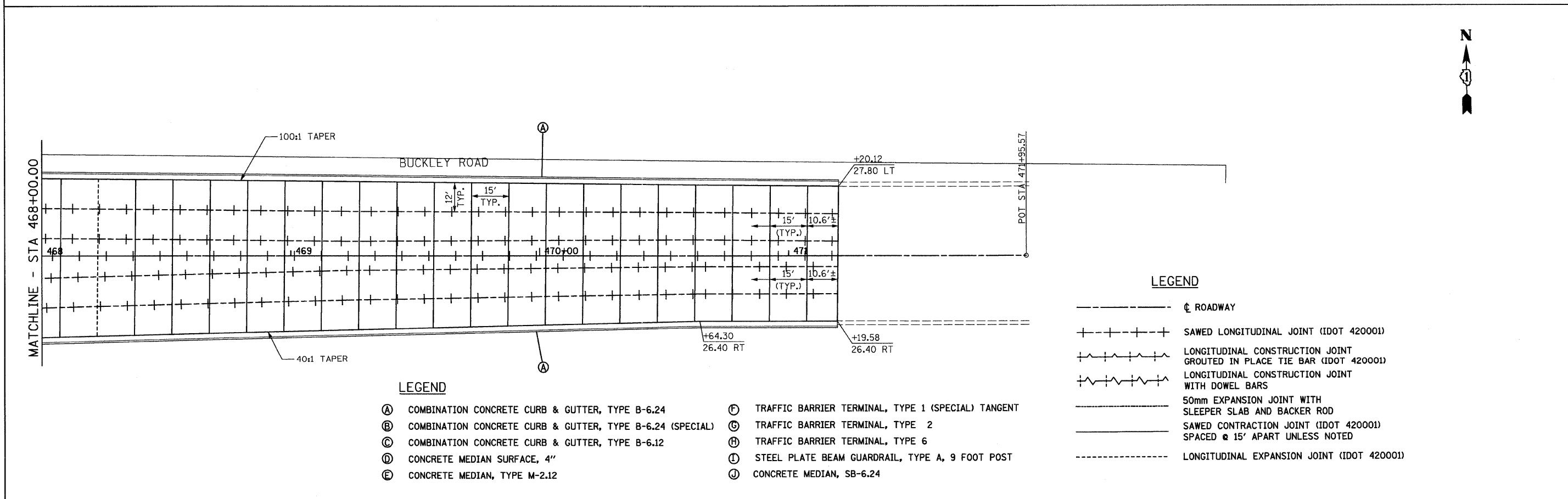
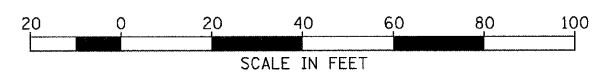
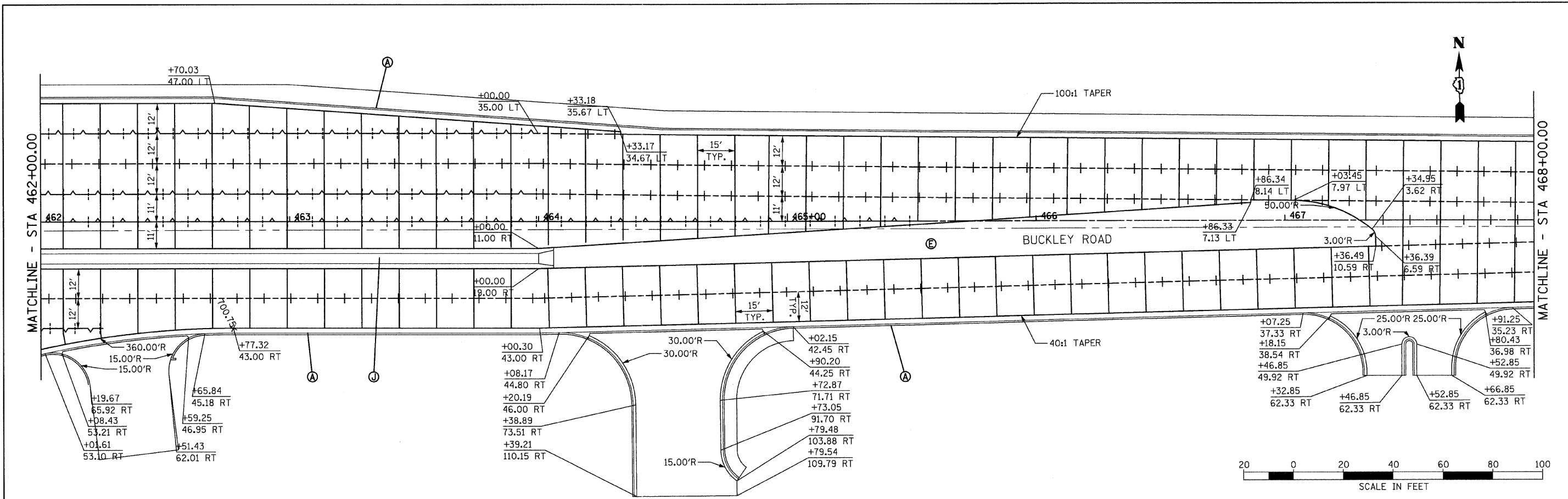
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		DRAWN - BK	REVISED -
	PLOT SCALE = 20.0000' / IN.	CHECKED - GFL	REVISED -
	PLOT DATE = 8/11/2011	DATE - 4/30/2011	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**JOINTING AND LAYOUT PLAN
IL RTE 137 (BUCKLEY ROAD)**

SCALE: 1" = 20' SHEET NO. OF SHEETS STA. 451+00.00 TO STA. 458+50.00

F.A.P. RTE. 330	SECTION 128R-3	COUNTY LAKE	TOTAL SHEETS 518	SHEET NO. 166
CONTRACT NO. 60953			ILLINOIS FED. AID PROJECT	



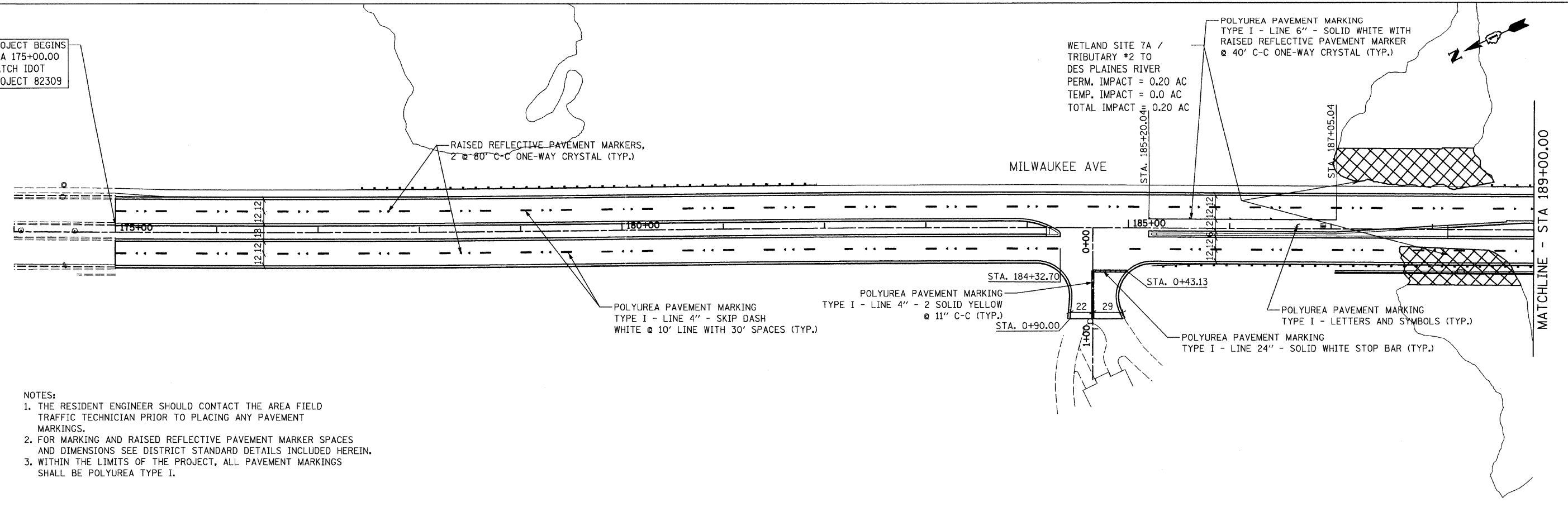
- LEGEND**
- (A) COMBINATION CONCRETE CURB & GUTTER, TYPE B-6.24
 - (B) COMBINATION CONCRETE CURB & GUTTER, TYPE B-6.24 (SPECIAL)
 - (C) COMBINATION CONCRETE CURB & GUTTER, TYPE B-6.12
 - (D) CONCRETE MEDIAN SURFACE, 4"
 - (E) CONCRETE MEDIAN, TYPE M-2.12
 - (F) TRAFFIC BARRIER TERMINAL, TYPE 1 (SPECIAL) TANGENT
 - (G) TRAFFIC BARRIER TERMINAL, TYPE 2
 - (H) TRAFFIC BARRIER TERMINAL, TYPE 6
 - (I) STEEL PLATE BEAM GUARDRAIL, TYPE A, 9 FOOT POST
 - (J) CONCRETE MEDIAN, SB-6.24

- LEGEND**
- ⊕ ROADWAY
 - +-+-+ SAWED LONGITUDINAL JOINT (IDOT 420001)
 - ~ LONGITUDINAL CONSTRUCTION JOINT GROUTED IN PLACE TIE BAR (IDOT 420001)
 - ~ LONGITUDINAL CONSTRUCTION JOINT WITH DOWEL BARS
 - 50mm EXPANSION JOINT WITH SLEEPER SLAB AND BACKER ROD
 - SAWED CONTRACTION JOINT (IDOT 420001) SPACED @ 15' APART UNLESS NOTED
 - LONGITUDINAL EXPANSION JOINT (IDOT 420001)

FILE NAME = i:\102981\cadd sheets\hjt-joint013.dgn	USER NAME = IDOT	DESIGNED - EJM	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	JOINTING AND LAYOUT PLAN IL RTE 137 (BUCKLEY ROAD)			F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.		
	PLOT SCALE = 28.0013 "/ IN.	DRAWN - BK	REVISED -		SCALE: 1" = 20'	SHEET NO.	OF	SHEETS	STA. 462+00.00 TO STA. 471+19.84	330	128R-3	LAKE	518	167
	PLOT DATE = 8/11/2011	CHECKED - GFL	REVISED -											
		DATE - 4/30/2011	REVISED -											CONTRACT NO. 60953

ILLINOIS FED. AID PROJECT

PROJECT BEGINS
STA 175+00.00
MATCH IDOT
PROJECT 82309



NOTES:

1. THE RESIDENT ENGINEER SHOULD CONTACT THE AREA FIELD TRAFFIC TECHNICIAN PRIOR TO PLACING ANY PAVEMENT MARKINGS.
2. FOR MARKING AND RAISED REFLECTIVE PAVEMENT MARKER SPACES AND DIMENSIONS SEE DISTRICT STANDARD DETAILS INCLUDED HEREIN.
3. WITHIN THE LIMITS OF THE PROJECT, ALL PAVEMENT MARKINGS SHALL BE POLYUREA TYPE I.

WETLAND SITE 7A /
TRIBUTARY #2 TO
DES PLAINES RIVER
PERM. IMPACT = 0.20 AC
TEMP. IMPACT = 0.0 AC
TOTAL IMPACT = 0.20 AC

POLYUREA PAVEMENT MARKING
TYPE I - LINE 6" - SOLID WHITE WITH
RAISED REFLECTIVE PAVEMENT MARKER
@ 40' C-C ONE-WAY CRYSTAL (TYP.)

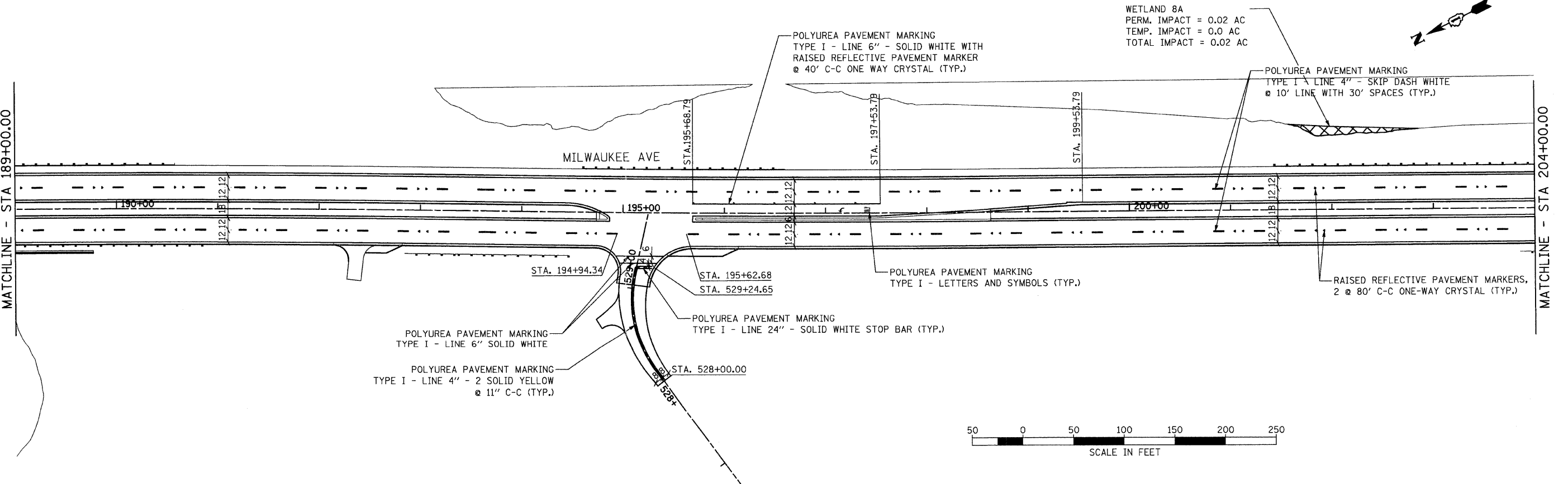
POLYUREA PAVEMENT MARKING
TYPE I - LINE 4" - SKIP DASH
WHITE @ 10' LINE WITH 30' SPACES (TYP.)

POLYUREA PAVEMENT MARKING
TYPE I - LINE 4" - 2 SOLID YELLOW
@ 11" C-C (TYP.)

POLYUREA PAVEMENT MARKING
TYPE I - LINE 24" - SOLID WHITE STOP BAR (TYP.)

POLYUREA PAVEMENT MARKING
TYPE I - LETTERS AND SYMBOLS (TYP.)

MATCHLINE - STA 189+00.00



WETLAND 8A
PERM. IMPACT = 0.02 AC
TEMP. IMPACT = 0.0 AC
TOTAL IMPACT = 0.02 AC

POLYUREA PAVEMENT MARKING
TYPE I - LINE 6" - SOLID WHITE WITH
RAISED REFLECTIVE PAVEMENT MARKER
@ 40' C-C ONE WAY CRYSTAL (TYP.)

POLYUREA PAVEMENT MARKING
TYPE I - LINE 4" - SKIP DASH WHITE
@ 10' LINE WITH 30' SPACES (TYP.)

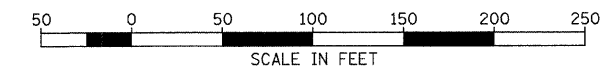
POLYUREA PAVEMENT MARKING
TYPE I - LETTERS AND SYMBOLS (TYP.)

RAISED REFLECTIVE PAVEMENT MARKERS,
2 @ 80' C-C ONE-WAY CRYSTAL (TYP.)

POLYUREA PAVEMENT MARKING
TYPE I - LINE 6" SOLID WHITE

POLYUREA PAVEMENT MARKING
TYPE I - LINE 4" - 2 SOLID YELLOW
@ 11" C-C (TYP.)

POLYUREA PAVEMENT MARKING
TYPE I - LINE 24" - SOLID WHITE STOP BAR (TYP.)



FILE NAME =
s:\102901\cadd sheets\sh-pmk01.dgn

USER NAME = IDOT

DESIGNED - EJM

REVISED -

PLOT SCALE = 50.0000' / IN.

DRAWN - BK

REVISED -

PLOT DATE = 8/11/2011

CHECKED - GFL

REVISED -

DATE - 4/30/2011

REVISED -

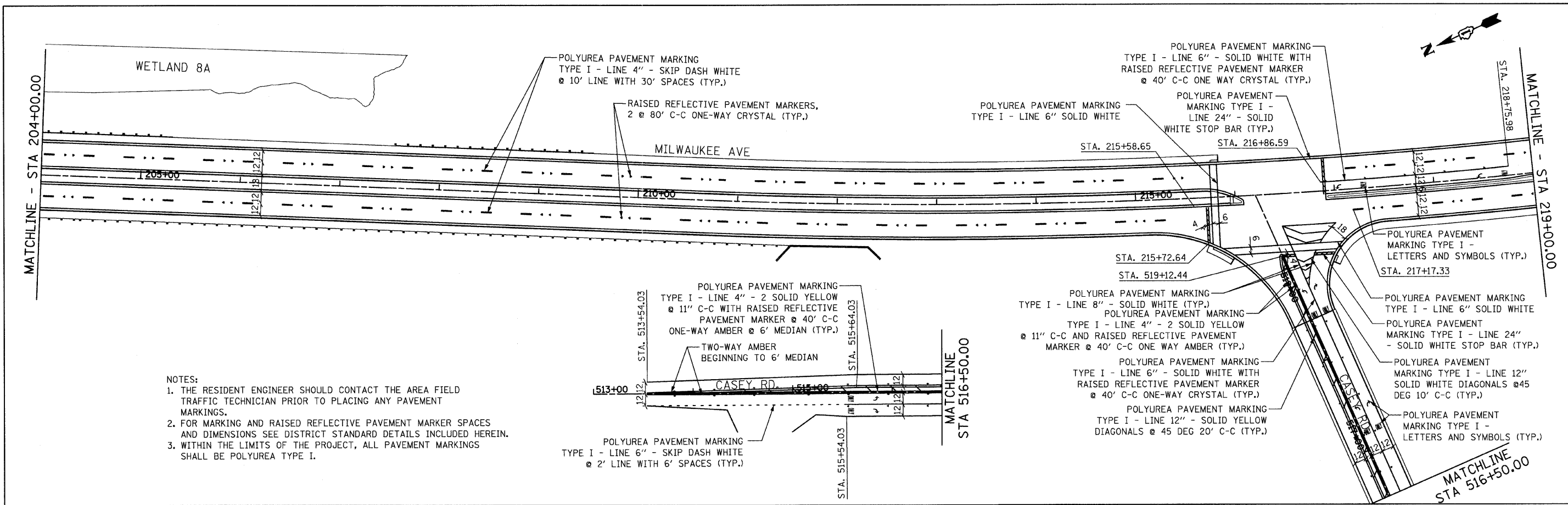
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PAVEMENT MARKING PLAN
IL RTE 21 (MILWAUKEE AVE)

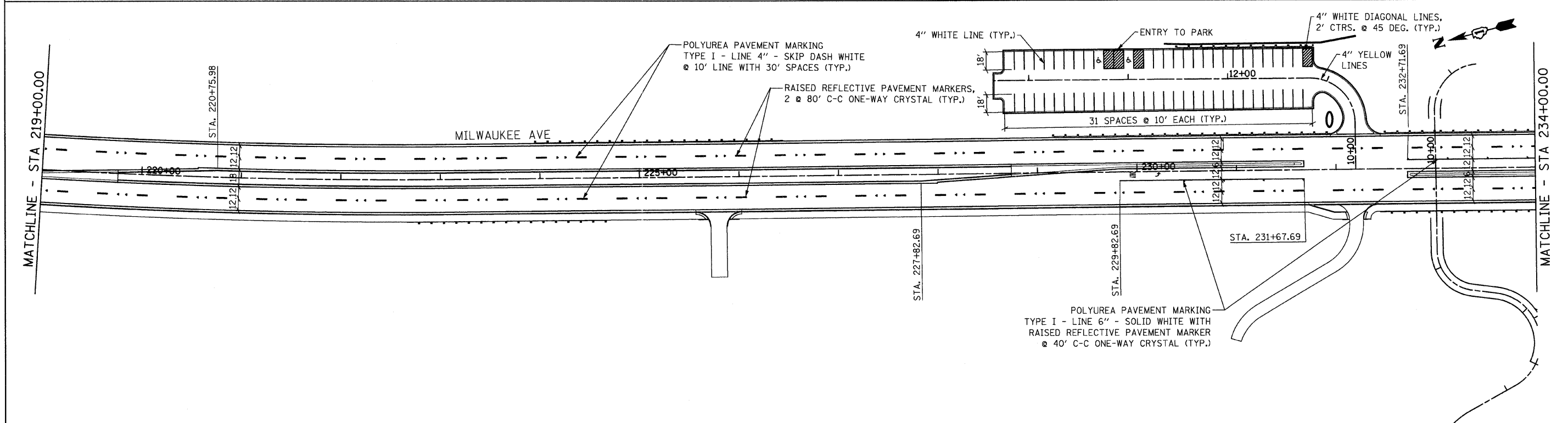
SCALE: 1" = 50' SHEET NO. OF SHEETS STA. 174+00.00 TO STA. 204+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
330	128R-3	LAKE	518	168
CONTRACT NO. 60953				

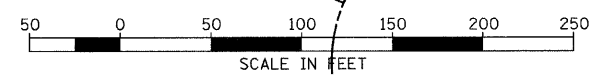
ILLINOIS FED. AID PROJECT



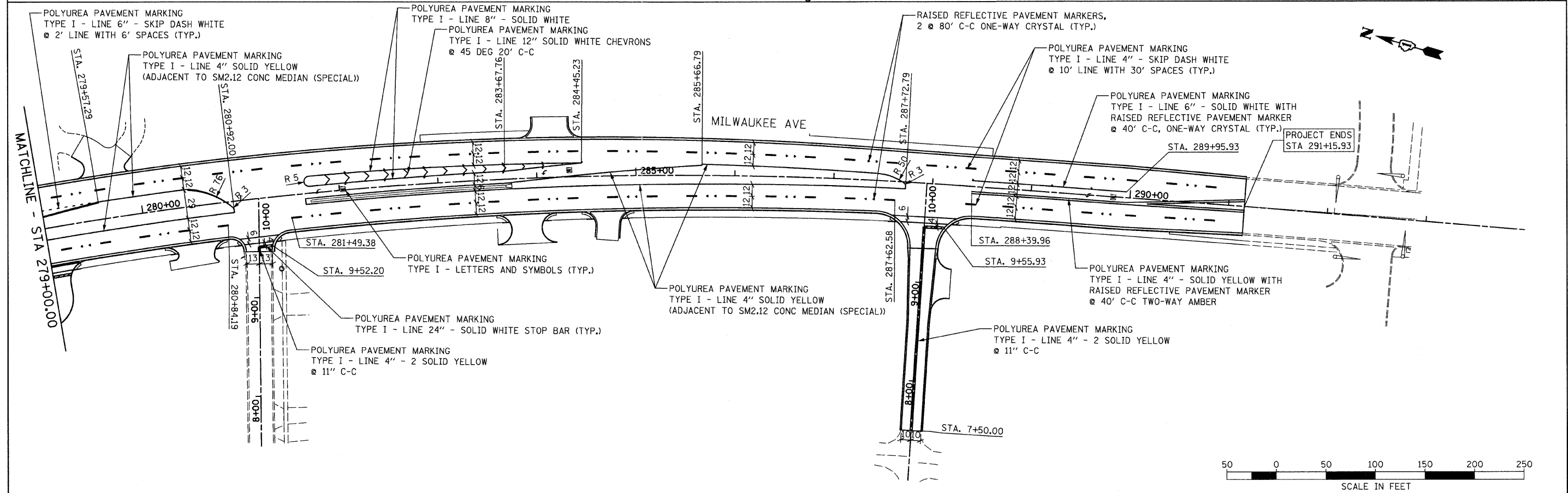
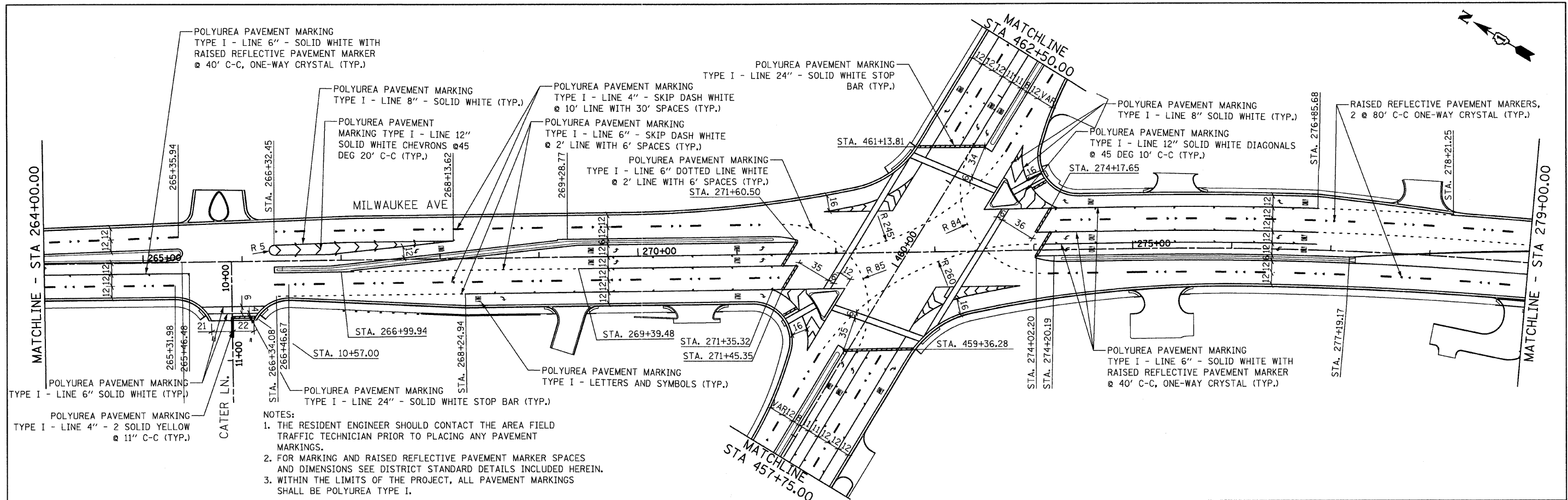
- NOTES:
1. THE RESIDENT ENGINEER SHOULD CONTACT THE AREA FIELD TRAFFIC TECHNICIAN PRIOR TO PLACING ANY PAVEMENT MARKINGS.
 2. FOR MARKING AND RAISED REFLECTIVE PAVEMENT MARKER SPACES AND DIMENSIONS SEE DISTRICT STANDARD DETAILS INCLUDED HEREIN.
 3. WITHIN THE LIMITS OF THE PROJECT, ALL PAVEMENT MARKINGS SHALL BE POLYUREA TYPE I.



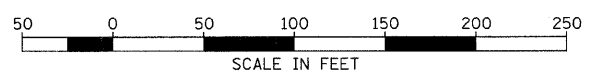
NOTE: ALL PAVEMENT MARKINGS IN THE DOG PARK PARKING LOT TO BE THERMOPLASTIC PAVEMENT MARKINGS



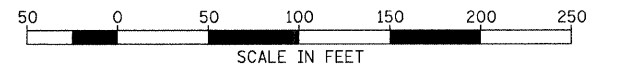
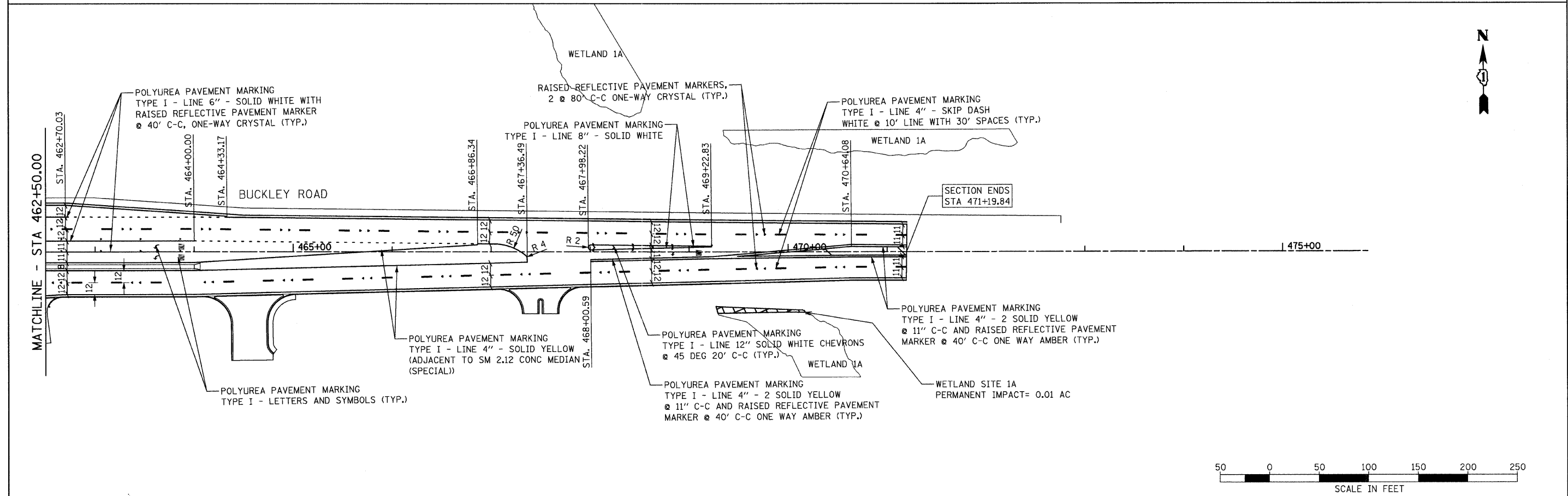
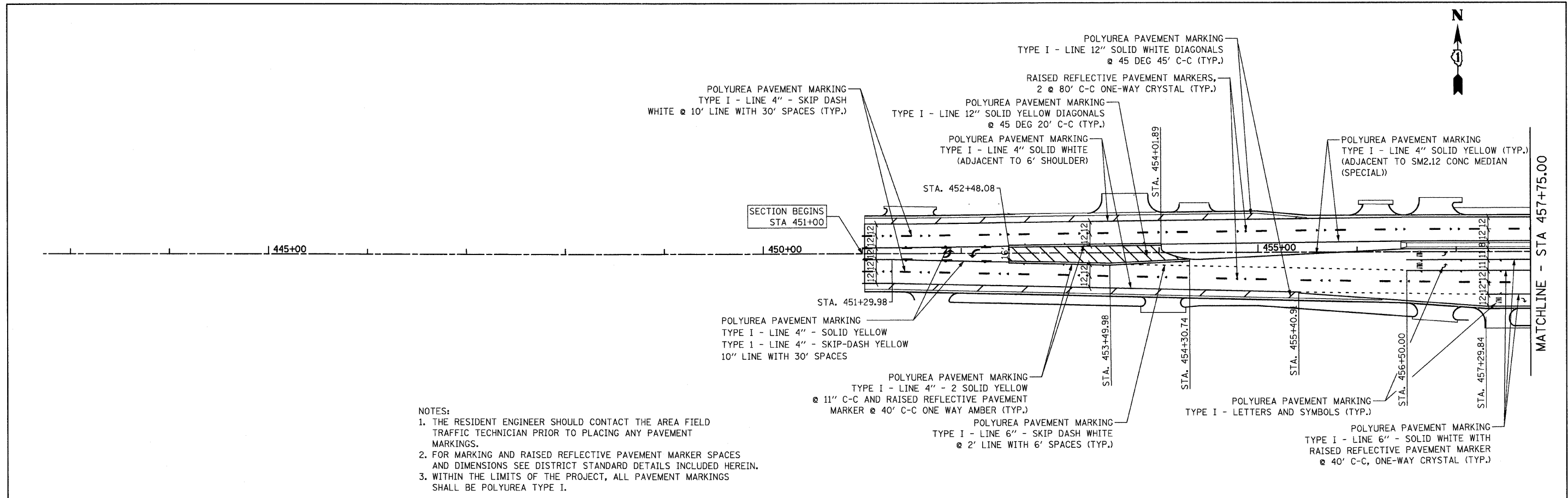
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					SCALE: 1" = 50'	SHEET NO.	OF SHEETS	STA. 204+00.00 TO STA. 234+00.00	CONTRACT NO. 60953			
PLOT SCALE = 50.0000 // IN.	CHECKED - GFL	DATE - 4/30/2011	REVISED -		ILLINOIS FED. AID PROJECT							
PLOT DATE = 8/11/2011	DATE - 4/30/2011	REVISED -										



- NOTES:
1. THE RESIDENT ENGINEER SHOULD CONTACT THE AREA FIELD TRAFFIC TECHNICIAN PRIOR TO PLACING ANY PAVEMENT MARKINGS.
 2. FOR MARKING AND RAISED REFLECTIVE PAVEMENT MARKER SPACES AND DIMENSIONS SEE DISTRICT STANDARD DETAILS INCLUDED HEREIN.
 3. WITHIN THE LIMITS OF THE PROJECT, ALL PAVEMENT MARKINGS SHALL BE POLYUREA TYPE I.

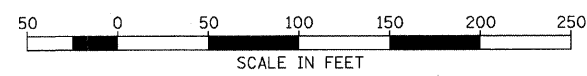
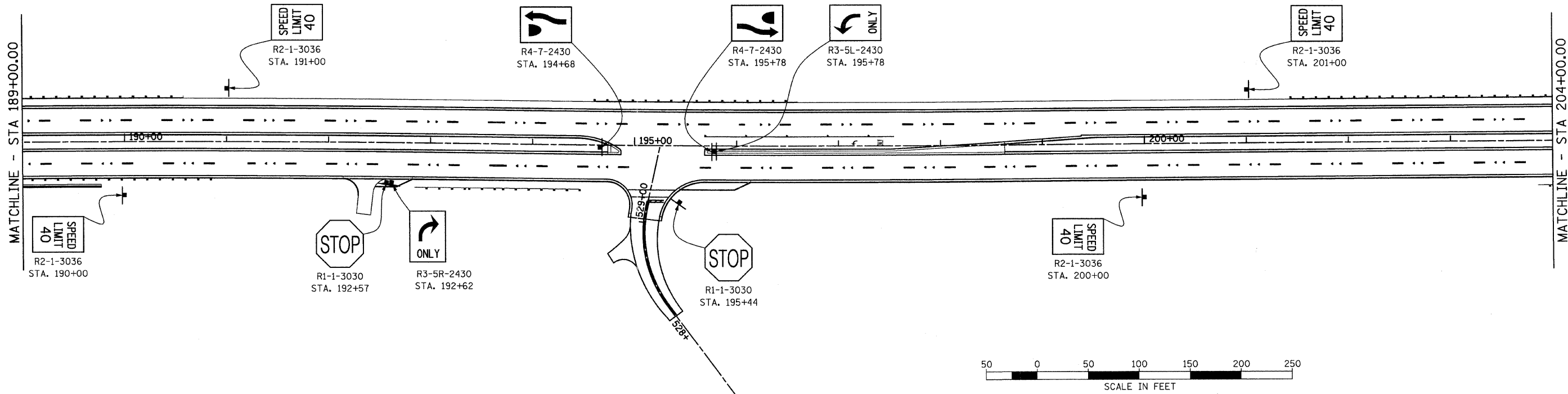
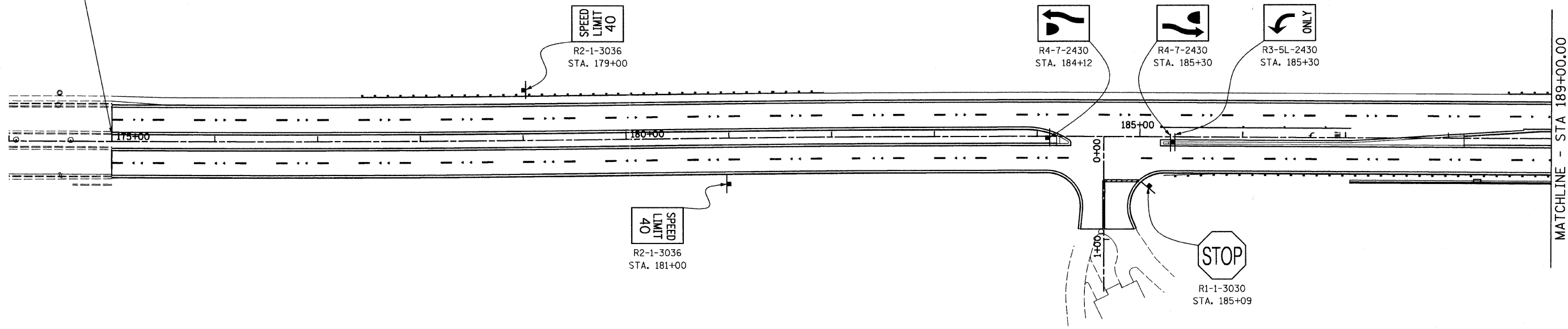


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PLOT SCALE = 50.0000' / IN.	CHECKED - GFL	REVISIED -	SCALE: 1" = 50'			SHEET NO. OF SHEETS	STA. 264+00.00 TO STA. 291+15.93	CONTRACT NO. 60953		ILLINOIS FED. AID PROJECT	
PLOT DATE = 8/11/2011	DATE - 4/30/2011	REVISIED -									



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	PLOT SCALE = 50.0000' / IN.	DRAWN - BK	REVISED -		SCALE: 1" = 50'	SHEET NO.	OF	SHEETS	STA. 451+00.00 TO STA. 471+19.84	330	128R-3	LAKE	518 172
	PLOT DATE = 8/11/2011	CHECKED - GFL	REVISED -										CONTRACT NO. 60953
		DATE - 4/30/2011	REVISED -										ILLINOIS FED. AID PROJECT

PROJECT BEGINS
STA 175+00.00
MATCH IDOT
PROJECT 82309

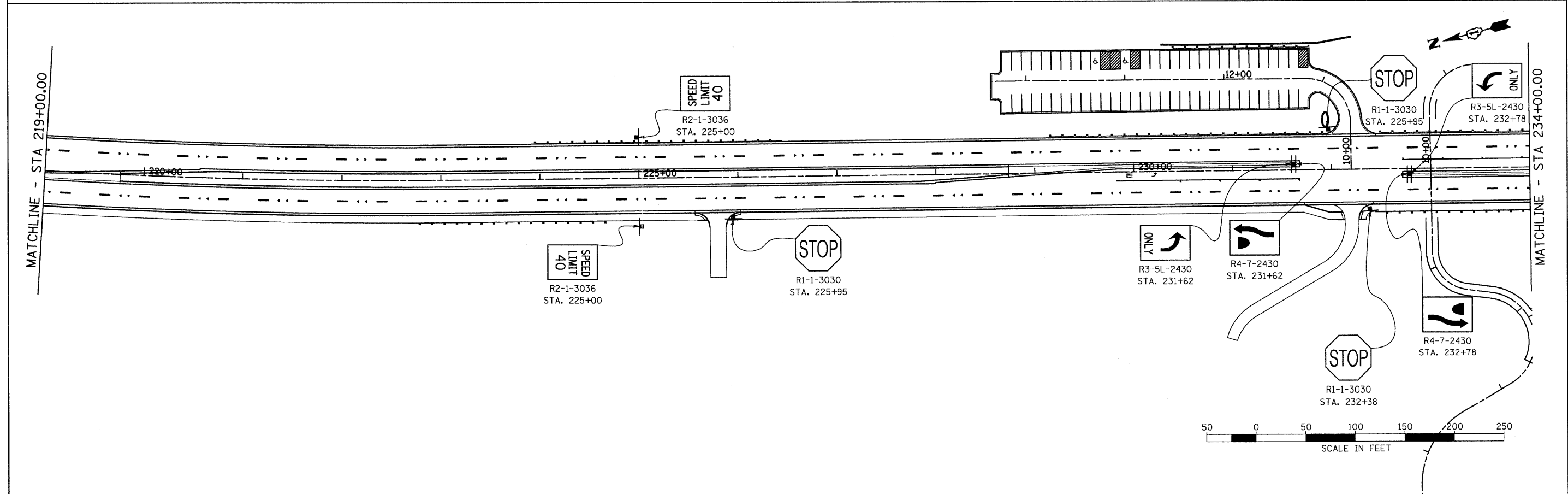
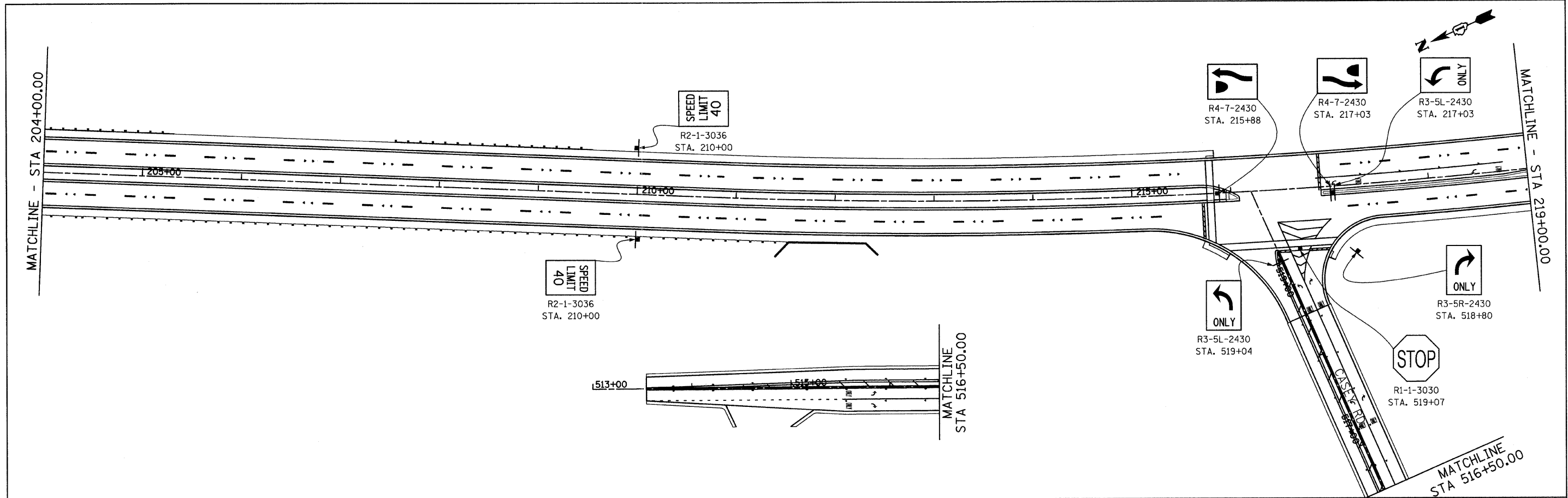


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	PLOT DATE = 8/11/2011	DATE - 4/30/2011	REVISED -

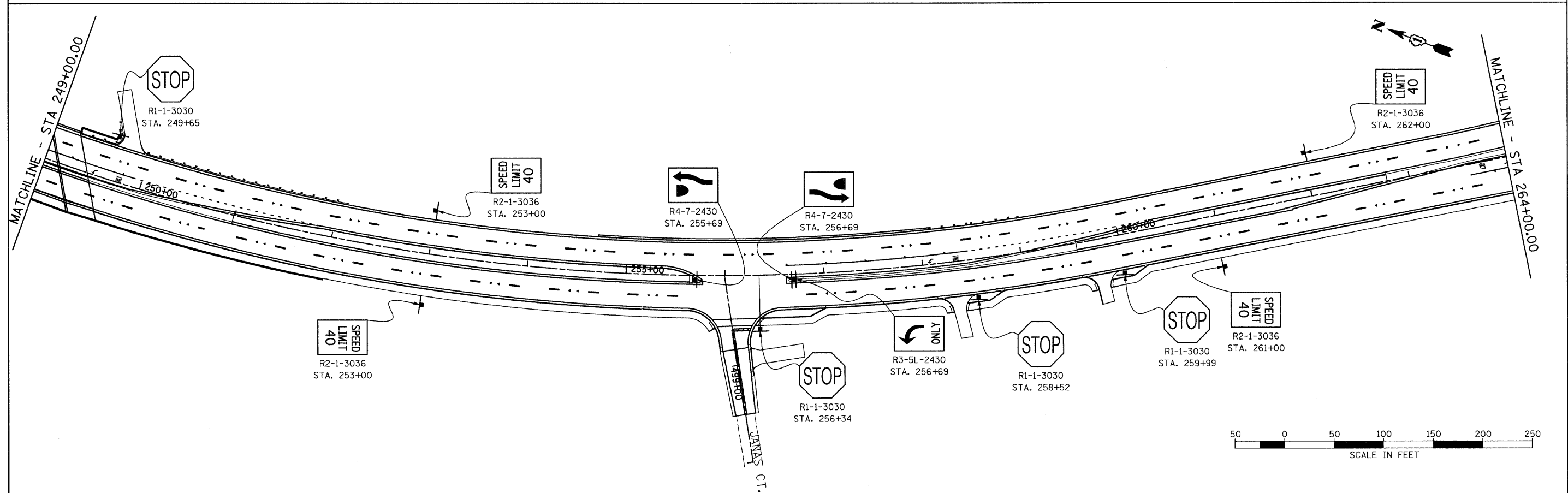
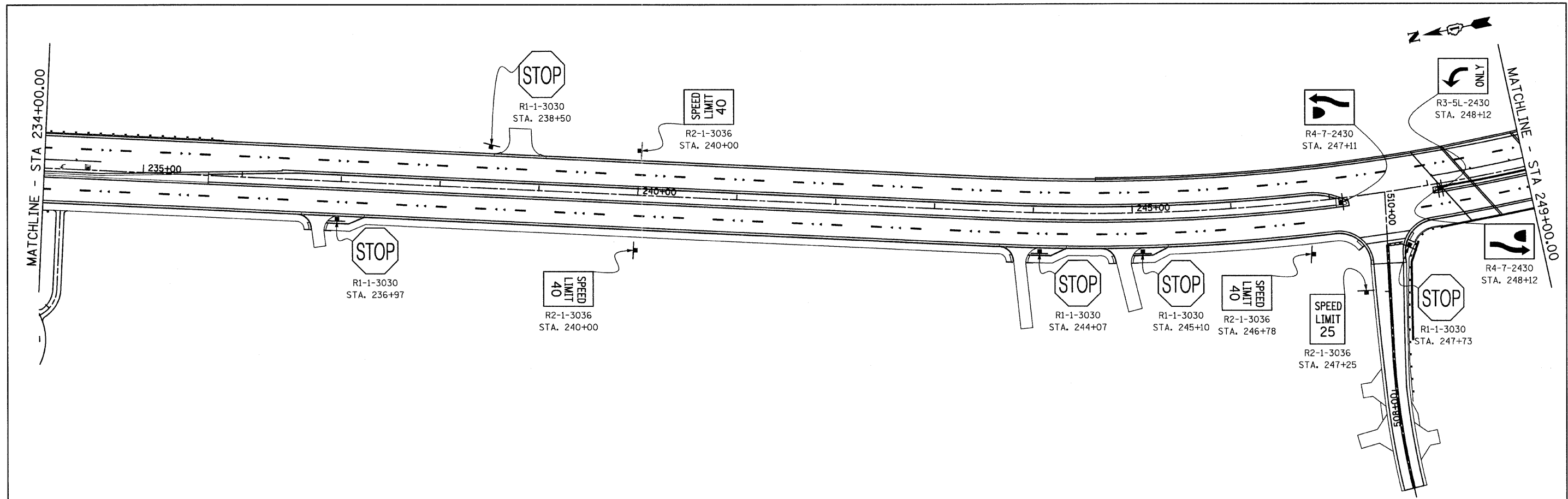
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SIGNING PLAN			
IL RTE 21 (MILWAUKEE AVE)			
SCALE: 1" = 50'	SHEET NO.	OF SHEETS	STA. 174+00.00 TO STA. 204+00.00

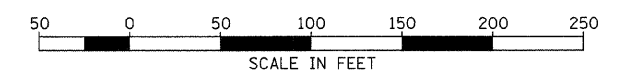
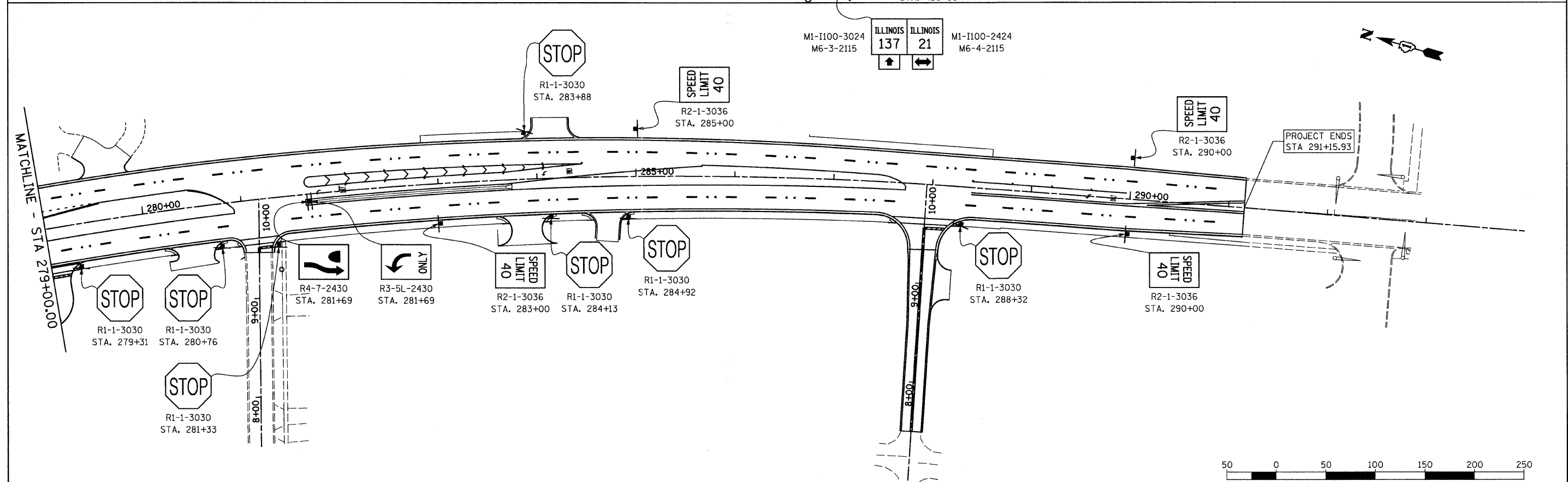
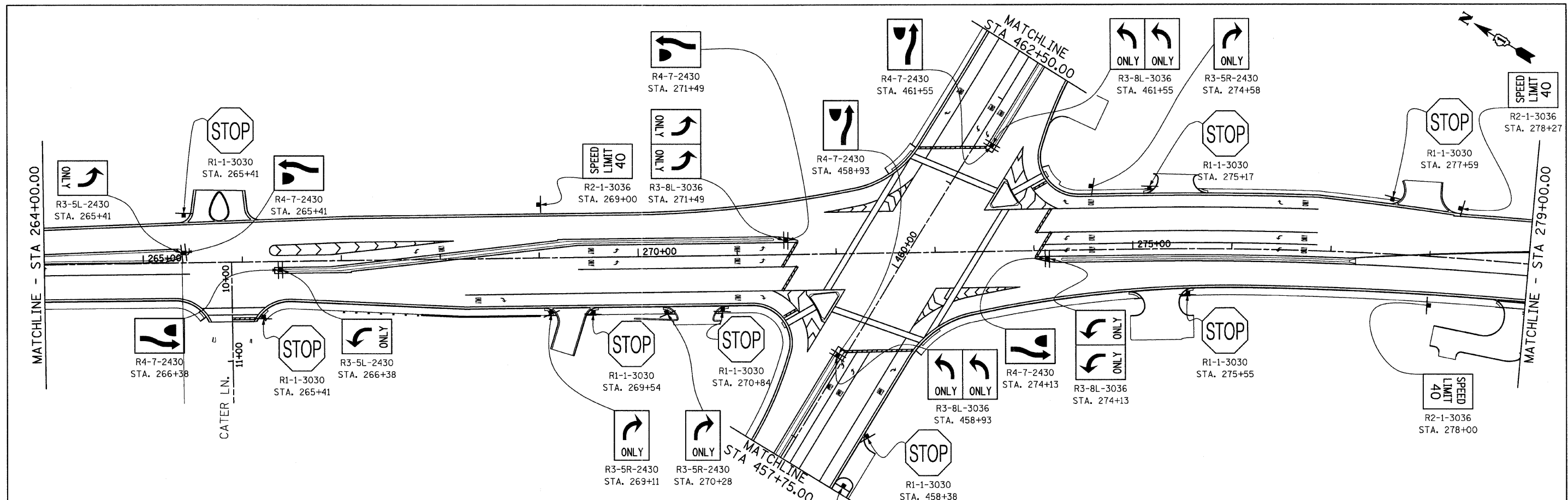
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
330	128R-3	LAKE	518	173
CONTRACT NO. 60953				
ILLINOIS FED. AID PROJECT				



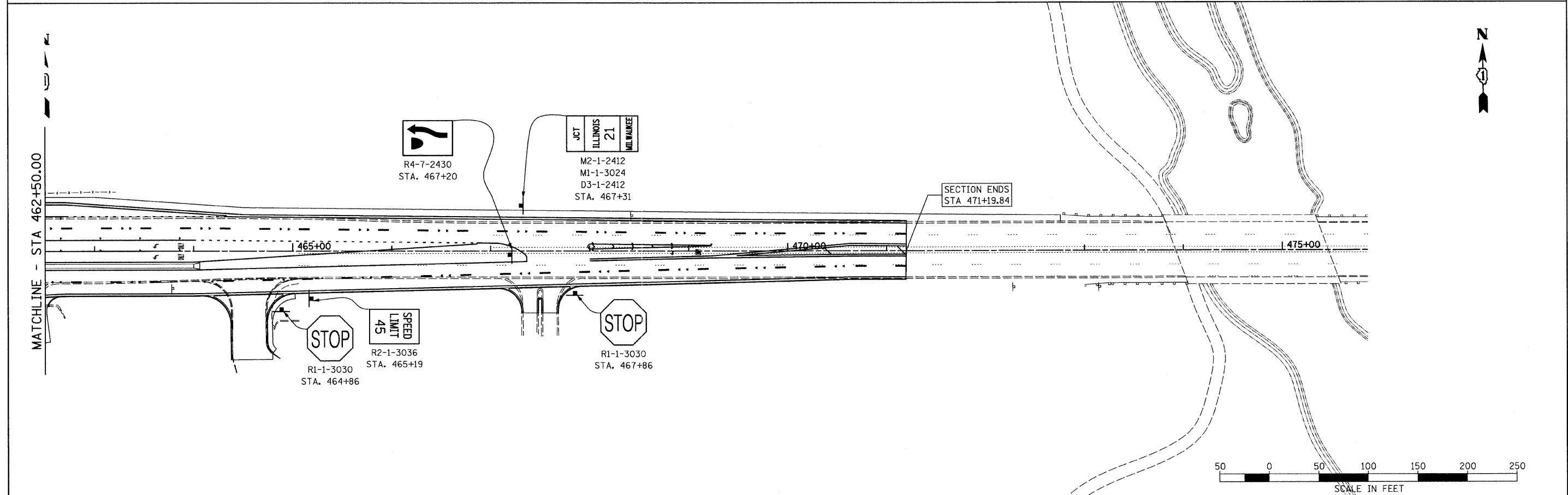
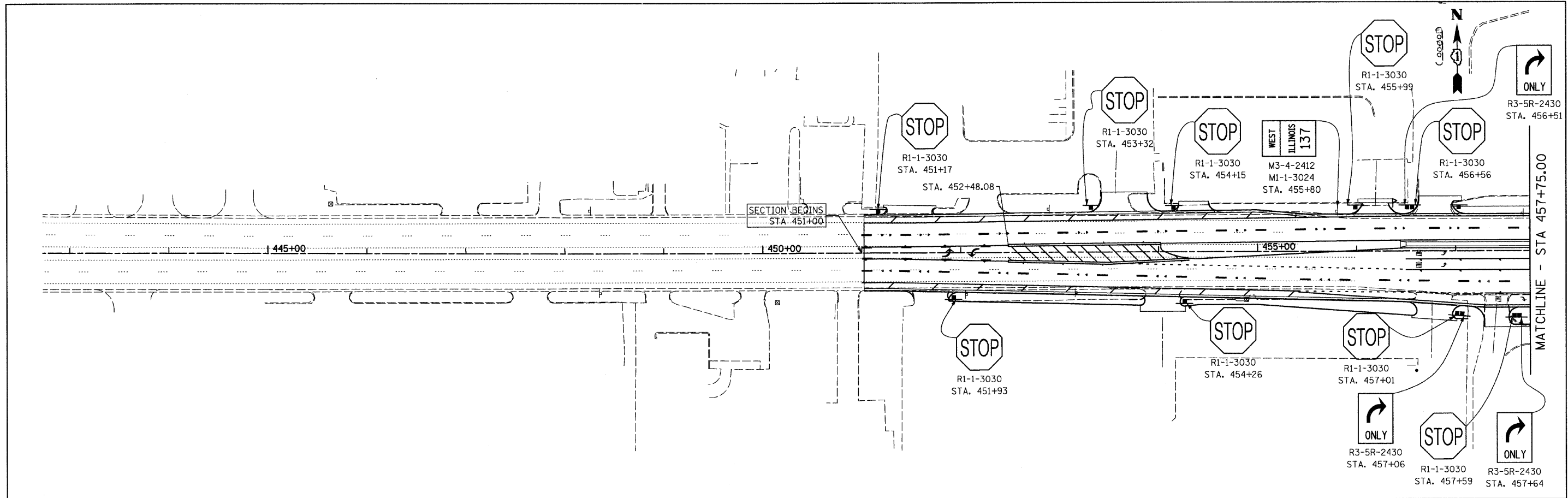
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PLOT SCALE = 50.000000' / IN.		CHECKED - GFL	REVISED -		SCALE: 1" = 50'	SHEET NO.	OF	SHEETS	STA. 204+00.00 TO STA. 234+00.00	CONTRACT NO. 60953		
PLOT DATE = 8/11/2011		DATE - 4/30/2011	REVISED -		ILLINOIS FED. AID PROJECT							



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					SCALE: 1" = 50'	SHEET NO.	OF	SHEETS	STA. 234+00.00 TO STA. 264+00.00	CONTRACT NO. 60953		
					ILLINOIS FED. AID PROJECT							



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PLOT SCALE = 50.0000' / IN.		CHECKED - GFL	REVISED -		SCALE: 1" = 50'	SHEET NO.	OF SHEETS	STA. 264+00.00 TO STA. 291+15.93		CONTRACT NO. 60953		
PLOT DATE = 8/11/2011		DATE - 4/30/2011	REVISED -		ILLINOIS FED. AID PROJECT							



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PLOT SCALE = 50.0000' / IN.	CHECKED - GFL	REVISED -	REVISED -		SCALE: 1" = 50'	SHEET NO.	OF	SHEETS	STA. 451+00.00 TO STA. 471+19.84	CONTRACT NO. 60953		
PLOT DATE = 8/11/2011	DATE - 4/30/2011	REVISED -	REVISED -		ILLINOIS FED. AID PROJECT							
SCALE IN FEET 50 0 50 100 150 200 250												

SIGNING SCHEDULE

LOCATION		DESCRIPTION		72000100	72900100	72900200	72800100	73100100
				SIGN PANEL - TYPE 1	METAL POSTS - TYPE A	METAL POSTS - TYPE B	TELESCOPING STEEL SIGN SUPPORT	BASE FOR TELESCOPING STEEL SIGN SUPPORT
ROADWAY	STATION	SIGN LEGEND SYMBOL	CODE	AREA (SQ. FT.)	FOOT	FOOT	FOOT	EACH
IL RTE. 21	179+00	SPEED LIMIT 40	R2-1	7.5		27		
IL RTE. 21	181+00	SPEED LIMIT 40	R2-1	7.5		27		
IL RTE. 21	184+12	KEEP RIGHT	R4-7	5			13.5	1
IL RTE. 21	185+09	STOP	R1-1	6.25				
IL RTE. 21	185+30	KEEP RIGHT	R4-7	5			13.5	1
IL RTE. 21	185+30	LEFT TURN ONLY	R3-5L	5				
IL RTE. 21	190+00	SPEED LIMIT 40	R2-1	7.5		27		
IL RTE. 21	191+00	SPEED LIMIT 40	R2-1	7.5		27		
IL RTE. 21	192+17	RIGHT TURN ONLY	R3-5R	5				
IL RTE. 21	192+57	STOP	R1-1	6.25				
IL RTE. 21	194+68	KEEP RIGHT	R4-7	5			13.5	1
IL RTE. 21	195+44	STOP	R1-1	6.25				
IL RTE. 21	195+78	KEEP RIGHT	R4-7	5			13.5	1
IL RTE. 21	195+78	LEFT TURN ONLY	R3-5L	5				
IL RTE. 21	200+00	SPEED LIMIT 40	R2-1	7.5		27		
IL RTE. 21	201+00	SPEED LIMIT 40	R2-1	7.5		27		
IL RTE. 21	210+00	SPEED LIMIT 40	R2-1	7.5		27		
IL RTE. 21	210+00	SPEED LIMIT 40	R2-1	7.5		27		
IL RTE. 21	215+88	KEEP RIGHT	R4-7	5			13.5	1
IL RTE. 21	217+03	KEEP RIGHT	R4-7	5			13.5	1
IL RTE. 21	217+03	LEFT TURN ONLY	R3-5L	5				
IL RTE. 21	225+00	SPEED LIMIT 40	R2-1	7.5		27		
IL RTE. 21	225+00	SPEED LIMIT 40	R2-1	7.5		27		
IL RTE. 21	225+00	RIGHT TURN ONLY	R3-5R	5				
IL RTE. 21	225+95	STOP	R1-1	6.25				
IL RTE. 21	231+62	LEFT TURN ONLY	R3-5L	5				
IL RTE. 21	231+62	KEEP RIGHT	R4-7	5			13.5	1
IL RTE. 21	231+97	STOP	R1-1	6.25				
IL RTE. 21	232+38	STOP	R1-1	6.25				
IL RTE. 21	232+78	KEEP RIGHT	R4-7	5			13.5	1
IL RTE. 21	232+78	LEFT TURN ONLY	R3-5L	5				
IL RTE. 21	236+97	STOP	R1-1	6.25				
IL RTE. 21	238+50	STOP	R1-1	6.25				
IL RTE. 21	240+00	SPEED LIMIT 40	R2-1	7.5		27		
IL RTE. 21	240+00	SPEED LIMIT 40	R2-1	7.5		27		
IL RTE. 21	244+07	STOP	R1-1	6.25				
IL RTE. 21	245+10	STOP	R1-1	6.25				
IL RTE. 21	246+78	SPEED LIMIT 40	R2-1	7.5				
IL RTE. 21	247+11	KEEP RIGHT	R4-7	5			13.5	1
IL RTE. 21	247+25	SPEED LIMIT 25	R2-1	7.5				
IL RTE. 21	247+73	STOP	R1-1	6.25				
IL RTE. 21	248+12	KEEP RIGHT	R4-7	5			13.5	1
IL RTE. 21	248+12	LEFT TURN ONLY	R3-5L	5				
IL RTE. 21	249+65	STOP	R1-1	6.25				
IL RTE. 21	253+00	SPEED LIMIT 40	R2-1	7.5				
IL RTE. 21	253+00	SPEED LIMIT 40	R2-1	7.5				
IL RTE. 21	255+69	KEEP RIGHT	R4-7	5			13.5	1
IL RTE. 21	256+34	STOP	R1-1	6.25				
IL RTE. 21	256+69	KEEP RIGHT	R4-7	5			13.5	1
IL RTE. 21	256+69	LEFT TURN ONLY	R3-5L	5				
IL RTE. 21	258+52	STOP	R1-1	6.25				
IL RTE. 21	259+99	STOP	R1-1	6.25				
IL RTE. 21	261+00	SPEED LIMIT 40	R2-1	7.5				
IL RTE. 21	262+00	SPEED LIMIT 40	R2-1	7.5				
IL RTE. 21	265+41	LEFT TURN ONLY	R3-5L	5				
IL RTE. 21	265+41	KEEP RIGHT	R4-7	5			13.5	1
IL RTE. 21	265+41	STOP	R1-1	6.25				
IL RTE. 21	266+21	STOP	R1-1	6.25				
IL RTE. 21	266+38	KEEP RIGHT	R4-7	5			13.5	1
IL RTE. 21	266+38	LEFT TURN ONLY	R3-5L	5				
IL RTE. 21	269+00	SPEED LIMIT 40	R2-1	7.5				
IL RTE. 21	269+11	RIGHT TURN ONLY	R3-5R	5				
IL RTE. 21	269+54	STOP	R1-1	6.25				
IL RTE. 21	270+28	RIGHT TURN ONLY	R3-5R	5				
IL RTE. 21	270+84	STOP	R1-1	6.25				
IL RTE. 21	271+49	DUAL LEFT TURN ONLY	R3-8L	7.5			13.5	1
IL RTE. 21	271+49	KEEP RIGHT	R4-7	5				
IL RTE. 21	274+13	KEEP RIGHT	R4-7	5			13.5	1
IL RTE. 21	274+13	DUAL LEFT TURN ONLY	R3-8L	7.5				
IL RTE. 21	274+59	RIGHT TURN ONLY	R3-5R	5				
IL RTE. 21	275+17	STOP	R1-1	6.25				
IL RTE. 21	275+55	STOP	R1-1	6.25				
IL RTE. 21	277+59	STOP	R1-1	6.25				
IL RTE. 21	278+00	SPEED LIMIT 40	R2-1	7.5				
IL RTE. 21	278+27	SPEED LIMIT 40	R2-1	7.5				
IL RTE. 21	279+31	STOP	R1-1	6.25				
IL RTE. 21	280+76	STOP	R1-1	6.25				
IL RTE. 21	281+33	STOP	R1-1	6.25				
IL RTE. 21	281+69	KEEP RIGHT	R4-7	5			13.5	1
IL RTE. 21	281+69	LEFT TURN ONLY	R3-5L	5				
IL RTE. 21	283+00	SPEED LIMIT 40	R2-1	7.5				
IL RTE. 21	283+88	STOP	R1-1	6.25				
IL RTE. 21	284+13	STOP	R1-1	6.25				
IL RTE. 21	284+92	STOP	R1-1	6.25				
IL RTE. 21	285+00	SPEED LIMIT 40	R2-1	7.5				
IL RTE. 21	288+32	STOP	R1-1	6.25				
IL RTE. 21	290+00	SPEED LIMIT 40	R2-1	7.5				
IL RTE. 21	290+00	SPEED LIMIT 40	R2-1	7.5				
CASEY ROAD	518+80	RIGHT TURN ONLY	R3-5R	5				
CASEY ROAD	519+04	LEFT TURN ONLY	R3-5L	5				
CASEY ROAD	519+07	STOP	R1-1	6.25				
BROOKHILL ROAD		SPEED LIMIT 25	R2-1	7.5				

SIGNING SCHEDULE

LOCATION		DESCRIPTION		72000100	72900100	72900200	72800100	73100100
				SIGN PANEL - TYPE 1	METAL POSTS - TYPE A	METAL POSTS - TYPE B	TELESCOPING STEEL SIGN SUPPORT	BASE FOR TELESCOPING STEEL SIGN SUPPORT
ROADWAY	STATION	SIGN LEGEND SYMBOL	CODE	AREA (SQ. FT.)	FOOT	FOOT	FOOT	EACH
IL RTE. 137	451+17	STOP	R1-1	6.25				13.5
IL RTE. 137	451+93	STOP	R1-1	6.25				13.5
IL RTE. 137	453+32	STOP	R1-1	6.25				13.5
IL RTE. 137	454+15	STOP	R1-1	6.25				13.5
IL RTE. 137	454+26	STOP	R1-1	6.25				13.5
IL RTE. 137	455+80	WEST	M3-4	2				
IL RTE. 137	455+80	ILLINOIS 137	M1-1	5				
IL RTE. 137	455+99	STOP	R1-1	6.25				13.5
IL RTE. 137	456+51	RIGHT TURN ONLY	R3-5R	5				13.5
IL RTE. 137	456+56	STOP	R1-1	6.25				13.5
IL RTE. 137	457+01	STOP	R1-1	6.25				13.5
IL RTE. 137	457+06	RIGHT TURN ONLY	R3-5R	5				13.5
IL RTE. 137	457+59	STOP	R1-1	6.25				13.5
IL RTE. 137	457+64	RIGHT TURN ONLY	R3-5R	5				13.5
IL RTE. 137	458+38	STOP	R1-1	6.25				13.5
IL RTE. 137	458+93	DUAL LEFT TURN ONLY	R3-8L	7.5			13.5	1
IL RTE. 137	458+93	KEEP RIGHT	R4-7	5				
IL RTE. 137	461+55	KEEP RIGHT	R4-7	5			13.5	1
IL RTE. 137	461+55	DUAL LEFT TURN ONLY	R3-8L	7.5				
IL RTE. 137	464+86	STOP	R1-1	6.25		13.5		
IL RTE. 137	465+19	SPEED LIMIT 45	R2-1	7.5		27		
IL RTE. 137	467+20	KEEP RIGHT	R4-7	5			13.5	1
IL RTE. 137	467+31	JCT	M2-1	2				
IL RTE. 137	467+31	ILLINOIS 21	M1-1	5		29		
IL RTE. 137	467+31	MILWAUKEE	D3-1	2				
IL RTE. 137	467+86	STOP	R1-1	6.25				13.5

FILE NAME =

USER NAME = IDDT

DESIGNED - EJM

REVISOR -

DRAWN - BK

REVISOR -

CHECKED - GFL

REVISOR -

PLOT SCALE = 50.0000 "/ IN.

DATE - 12/17/10

REVISOR -

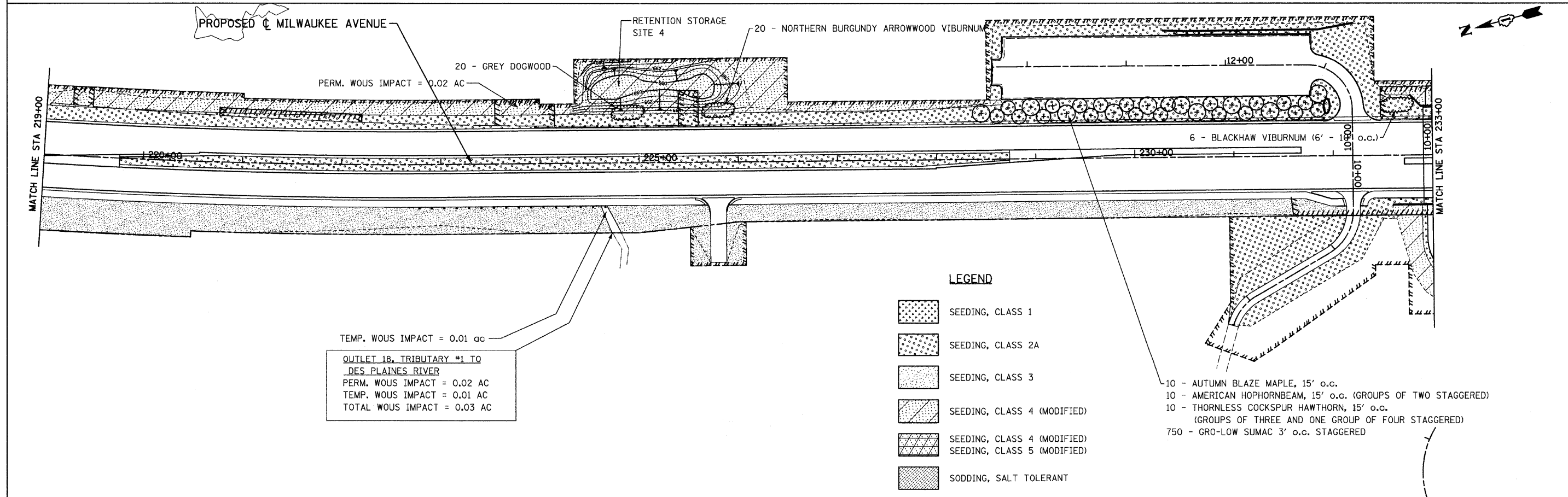
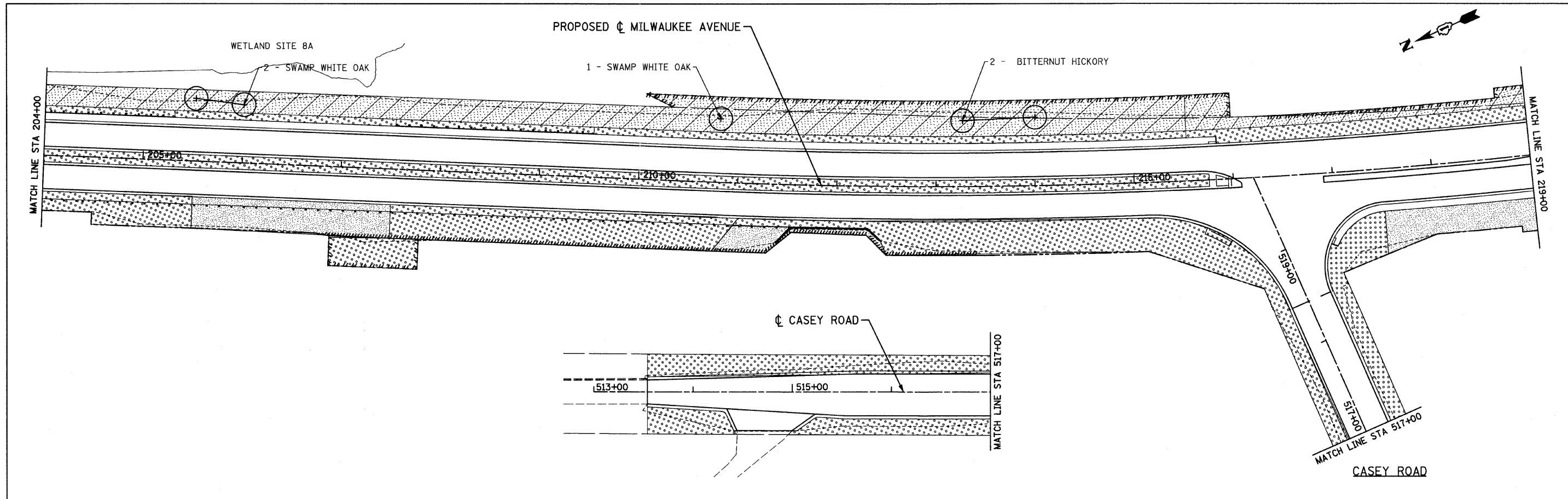
PLOT DATE = 8/11/2011

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION







SIGNING SCHEDULE

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

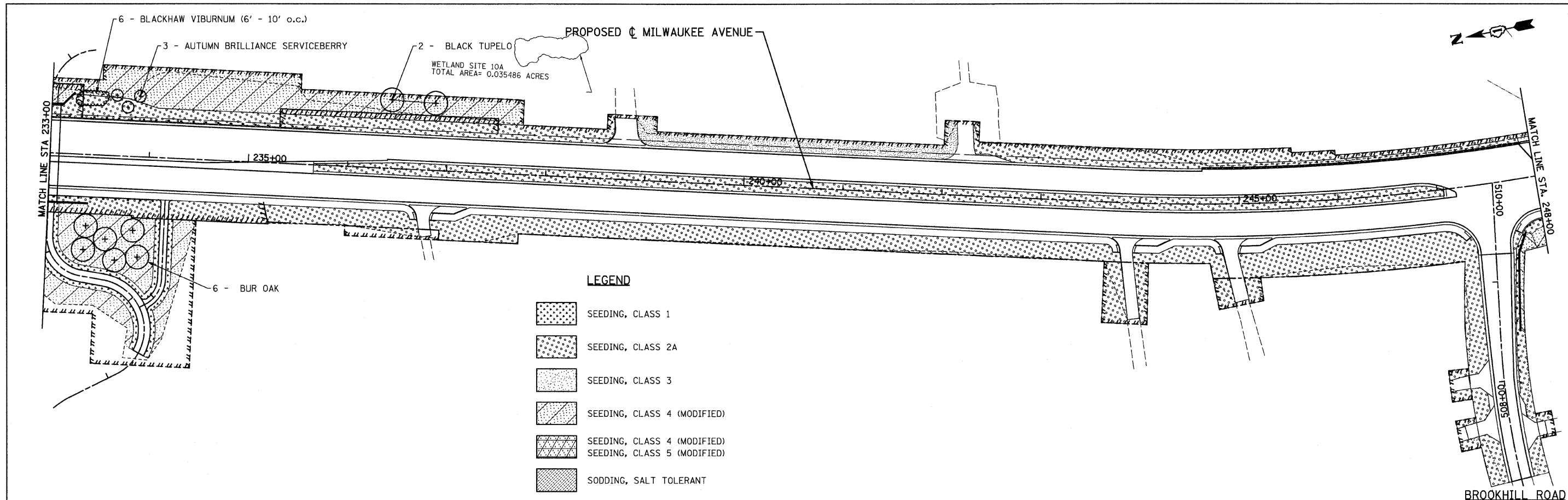
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
330	128R-3	LAKE	518	177A
CONTRACT NO. 60953				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				



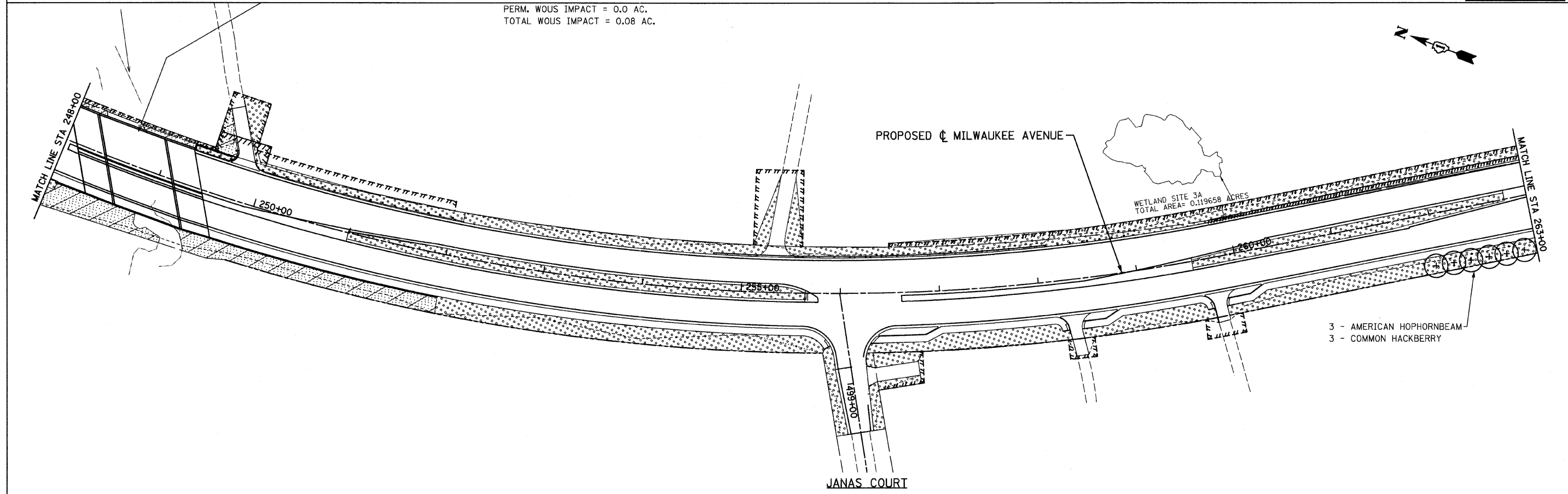
LEGEND

-  SEEDING, CLASS 1
 -  SEEDING, CLASS 2A
 -  SEEDING, CLASS 3
 -  SEEDING, CLASS 4 (MODIFIED)
 -  SEEDING, CLASS 4 (MODIFIED)
SEEDING, CLASS 5 (MODIFIED)
 -  SODDING, SALT TOLERANT
- 10 - AUTUMN BLAZE MAPLE, 15' o.c.
 - 10 - AMERICAN HOPHORNBEAM, 15' o.c. (GROUPS OF TWO STAGGERED)
 - 10 - THORNLESS COCKSPUR HAWTHORN, 15' o.c. (GROUPS OF THREE AND ONE GROUP OF FOUR STAGGERED)
 - 750 - GRO-LOW SUMAC 3' o.c. STAGGERED

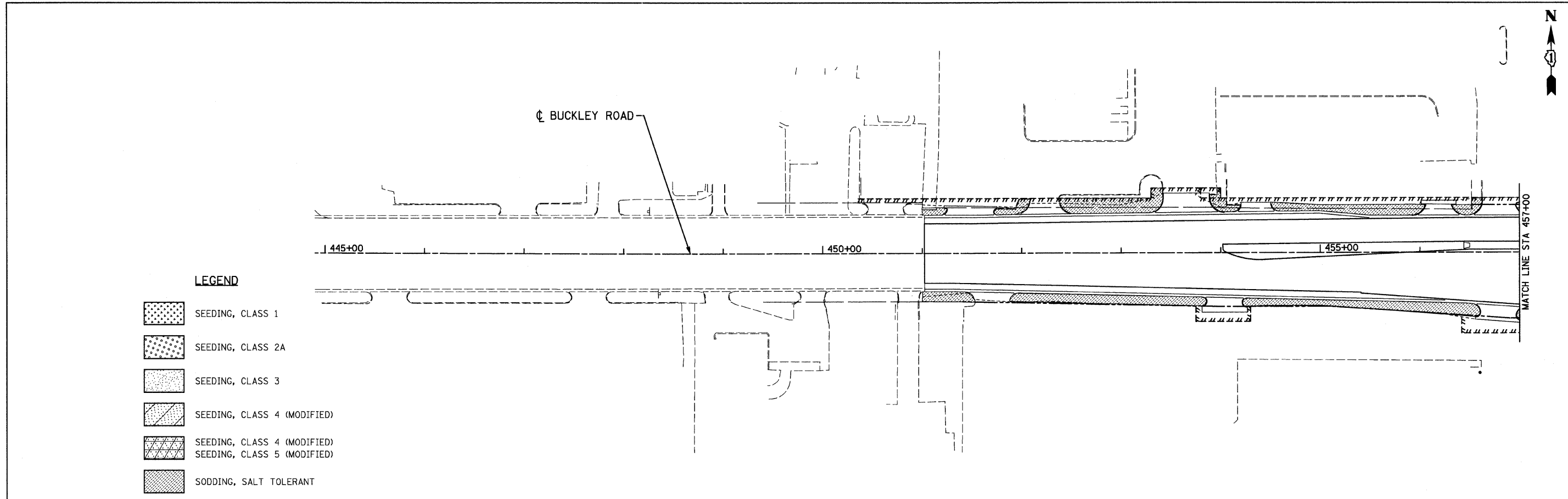
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PLOT SCALE = 50.0000' / IN.	CHECKED - GFL	REVISOR -	DATE - 4/30/2011		SCALE: 1" = 50'	SHEET NO.	OF SHEETS	STA. 204+00.00 TO STA. 233+00.00	ILLINOIS FED. AID PROJECT			
PLOT DATE = 8/11/2011	DATE - 4/30/2011	REVISOR -	REVISOR -		CONTRACT NO. 60953							



PERM. WOUS IMPACT = 0.0 AC.
 TOTAL WOUS IMPACT = 0.08 AC.

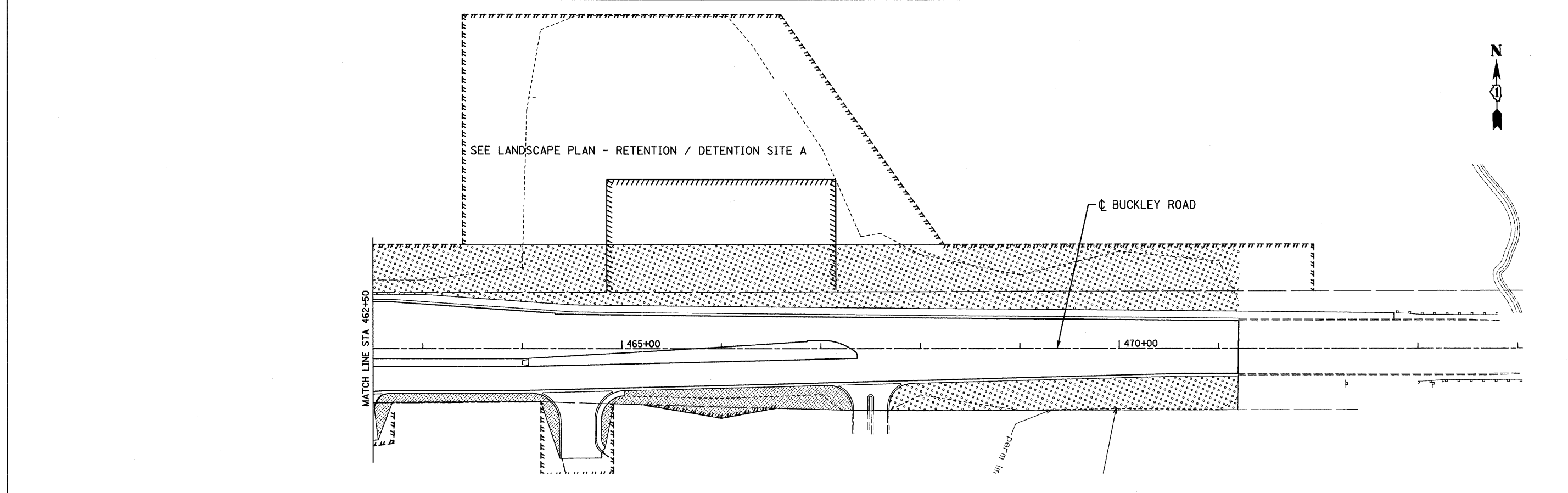


FILE NAME = s:\10290\cadd sheets\sh1-1s03.dgn	USER NAME = IDOT	DESIGNED - EJM	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	LANDSCAPING PLAN IL RTE 21 (MILWAUKEE AVE)			F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.		
	PLOT SCALE = 50.0000' / IN.	DRAWN - BK	REVISED -		SCALE: 1" = 50'	SHEET NO.	OF	SHEETS	STA. 233+00.00 TO STA. 263+00.00	330	128R-3	LAKE	518	180
	PLOT DATE = 8/11/2011	CHECKED - GFL	REVISED -											
		DATE - 4/30/2011	REVISED -											
											CONTRACT NO. 60953		ILLINOIS FED. AID PROJECT	



LEGEND

- SEEDING, CLASS 1
- SEEDING, CLASS 2A
- SEEDING, CLASS 3
- SEEDING, CLASS 4 (MODIFIED)
- SEEDING, CLASS 4 (MODIFIED)
SEEDING, CLASS 5 (MODIFIED)
- SODDING, SALT TOLERANT



FILE NAME = s:\102901\cadd sheets\sh1-1s05.dgn	USER NAME = IDOT	DESIGNED - EJM	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	LANDSCAPING PLAN IL RTE 137 (BUCKLEY ROAD)			F.A.P. RTE. 330	SECTION 128R-3	COUNTY LAKE	TOTAL SHEETS 518	SHEET NO. 182
PLOT SCALE = 50.0000' / IN.	CHECKED - GFL	DATE - 4/30/2011	REVISED -		SCALE: 1" = 50'	SHEET NO.	OF	SHEETS	STA. 444+90.00 TO STA. 474+02.90	CONTRACT NO. 60953		
PLOT DATE = 8/11/2011	DATE - 4/30/2011	REVISED -	REVISED -		ILLINOIS FED. AID PROJECT							

LEGEND:



SODDING, (TYPE 1) WET BOTTOM BASIN
ELEV. 659.5 TO 660.5



SODDING, (TYPE 2) EMERGENT BASIN
ELEV. 660.5 TO 661.0



SODDING, (TYPE 3) WET EDGE
ELEV. 661.0 TO 664.0



SEEDING, CLASS 4 (MODIFIED)



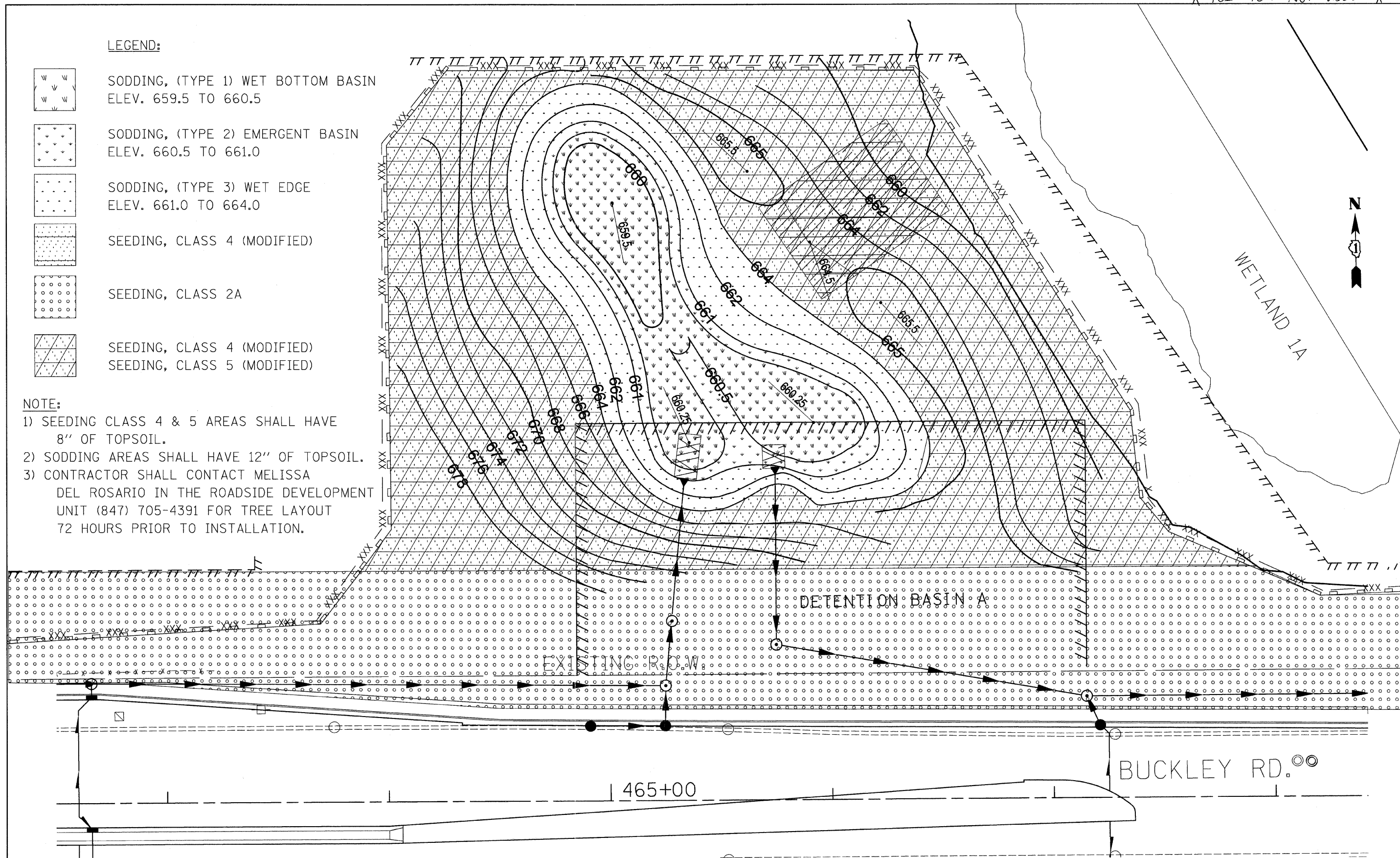
SEEDING, CLASS 2A



SEEDING, CLASS 4 (MODIFIED)
SEEDING, CLASS 5 (MODIFIED)

NOTE:

- 1) SEEDING CLASS 4 & 5 AREAS SHALL HAVE 8" OF TOPSOIL.
- 2) SODDING AREAS SHALL HAVE 12" OF TOPSOIL.
- 3) CONTRACTOR SHALL CONTACT MELISSA DEL ROSARIO IN THE ROADSIDE DEVELOPMENT UNIT (847) 705-4391 FOR TREE LAYOUT 72 HOURS PRIOR TO INSTALLATION.

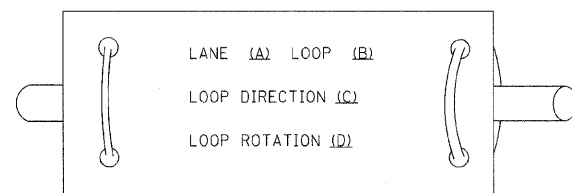


FILE NAME =	USER NAME = IDOT	DESIGNED - EJM	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	LANDSCAPE PLAN RETENTION / DETENTION SITE A				F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
u:\102981\cadd sheets\shd-lans_detA_20sod1.dgn		DRAWN - BK	REVISED -		330	128R-3	LAKE	518	188				
PLOT SCALE = 20.0000' / IN.		CHECKED - GFL	REVISED -		SCALE: 1" = 20'				CONTRACT NO. 60953				
PLOT DATE = 8/11/2011		DATE - 4/30/2011	REVISED -		SHEET NO. OF SHEETS STA. TO STA.				ILLINOIS FED. AID PROJECT				

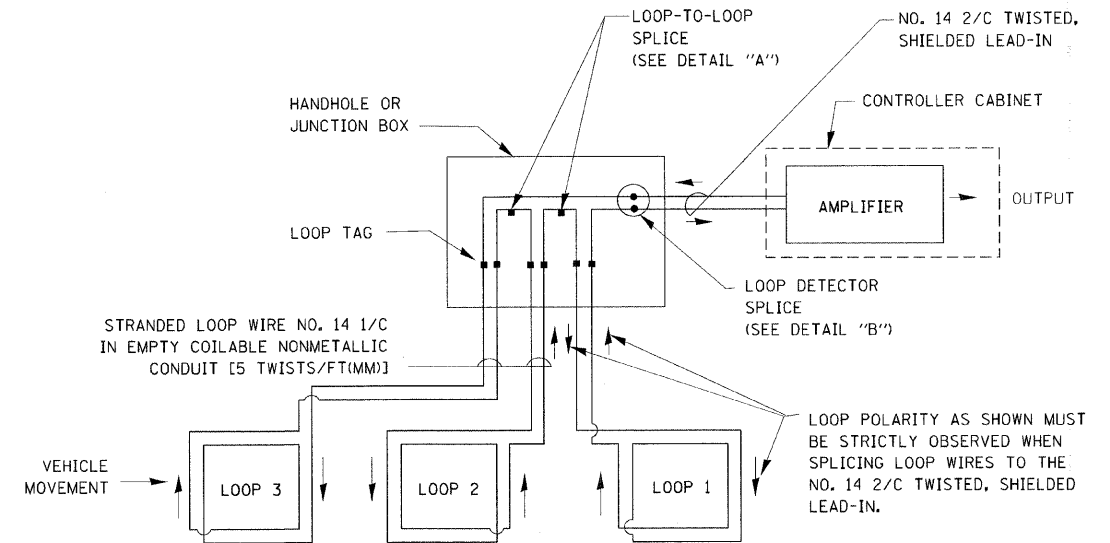
LOOP DETECTOR NOTES

1. EACH PAIR OF LOOP WIRES SHALL BE PLACED IN A SEPARATE EMPTY COILABLE NONMETALLIC CONDUIT FROM THE EDGE OF PAVEMENT TO THE HANDHOLE. SPACING BETWEEN THE HOLES DRILLED IN THE PAVEMENT SHALL NOT BE LESS THAN 6" (150 mm). EMPTY COILABLE NONMETALLIC CONDUIT SHALL BE INCLUDED IN THE COST OF THE LOOP WIRE.
2. THE NUMBER OF LOOP TURNS SHALL BE AS RECOMMENDED BY THE AMPLIFIER MANUFACTURER. ALL ADJACENT SIDES OF THE LOOPS SHALL BE INSTALLED IN SUCH A WAY THAT THE CURRENT FLOW IS IN THE SAME DIRECTION TO REINFORCE ITS MAGNETIC FIELDS FOR SMALL VEHICLE DETECTION.
3. EACH LOOP LEAD-IN SHALL BE IDENTIFIED AND PERMANENTLY TAGGED IN THE HANDHOLE. EACH LEAD-IN CABLE TAG SHALL INDICATE THE LOCATION OF THE LOOP, LOOP ROTATION (CLOCKWISE/COUNTERCLOCKWISE), LOOP LEAD-IN DIRECTION (IN OR OUT), LOOP CABLE NUMBER AND LOCATION IN CABINET, AND NUMBER OF TURNS IN THE DETECTOR LOOPS IN WATER PROOF INK AS INDICATED ON THE DISTRICT 1 STANDARD TRAFFIC SIGNAL DESIGN DETAIL. THE CONTRACTOR SHALL MARK LOOP LOCATIONS ON RECORD DRAWINGS AND PRESENT TO THE ENGINEER AFTER FINAL INSPECTION. LOOPS SHALL BE MARKED BY LANE AND LOOP NUMBER. SEE DETAIL BELOW.
4. ALL LOOP CABLE SHALL BE FASTENED WITH PLASTIC TIE WRAP TO THE HANDHOLE HOOKS.
5. IN ASPHALT PAVEMENT, LOOPS SHOULD BE PLACED IN THE BINDER AND DIVEHOLES MARKED AT THE CURB WITH A SAW-CUT. THE SAW-CUT SHALL BE CUT IN ACCORDANCE WITH LOCAL AND E.P.A. DUST CONTROL REQUIREMENTS. DETECTOR LOOP(S) SHALL NOT BE INSTALLED IN WET CONDITIONS AND THE SAW-CUTS MUST BE FREE OF DEBRIS AND RESIDUE SUCH AS DUST AND WATER WHICH IS TO BE ACHIEVED BY THE USE OF COMPRESSED AIR, WIRE BRUSHING AND HEAT DRYING ACCORDING TO SEALANT MANUFACTURER REQUIREMENTS. THE DETECTOR WIRE SHALL BE HELD IN PLACE BY THE USE OF FORM WEDGES. WEDGES SHALL BE SPACED NO MORE THAN 18" (450 mm) APART.
6. LOOP SPLICES SHALL BE SOLDERED USING A SOLDERING IRON. BLOW TORCHES OR OTHER DEVICES WHICH OXIDIZE COPPER CABLE SHALL NOT BE ALLOWED FOR SOLDERING OPERATIONS. SEE DETAIL BELOW RIGHT.
7. PREFORMED DETECTOR LOOPS SHALL BE USED, AS SHOWN ON THE PLANS, WHERE NEW CONCRETE PAVEMENT IS PROPOSED. THE INSTALLATION OF PREFORMED LOOPS SHALL BE IN ACCORDANCE WITH THE DISTRICT 1 SPECIFICATIONS OR AS DIRECTED BY THE ENGINEER.

LOOP LEAD-IN CABLE TAG

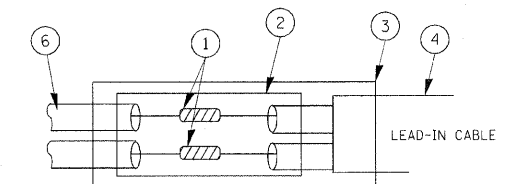
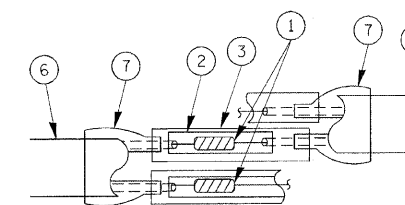
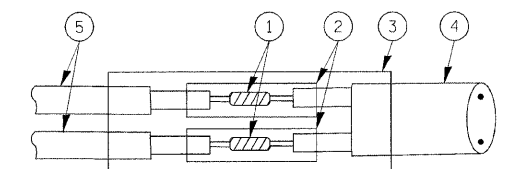
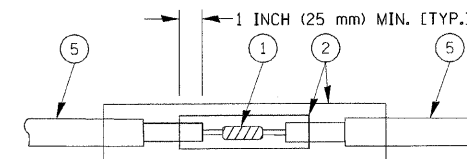


- A. LANE #1 IS THE LANE CLOSEST TO THE CENTERLINE OF THE ROADWAY
- B. LOOP #1 IS THE LOOP IN THE LANE CLOSEST TO THE INTERSECTION.
- C. LABEL LOOP CABLE "IN" OR LOOP CABLE "OUT".
- D. LABEL LOOP CABLE CLOCKWISE OR LOOP CABLE COUNTERCLOCKWISE.



DETECTOR LOOP WIRING SCHEMATIC

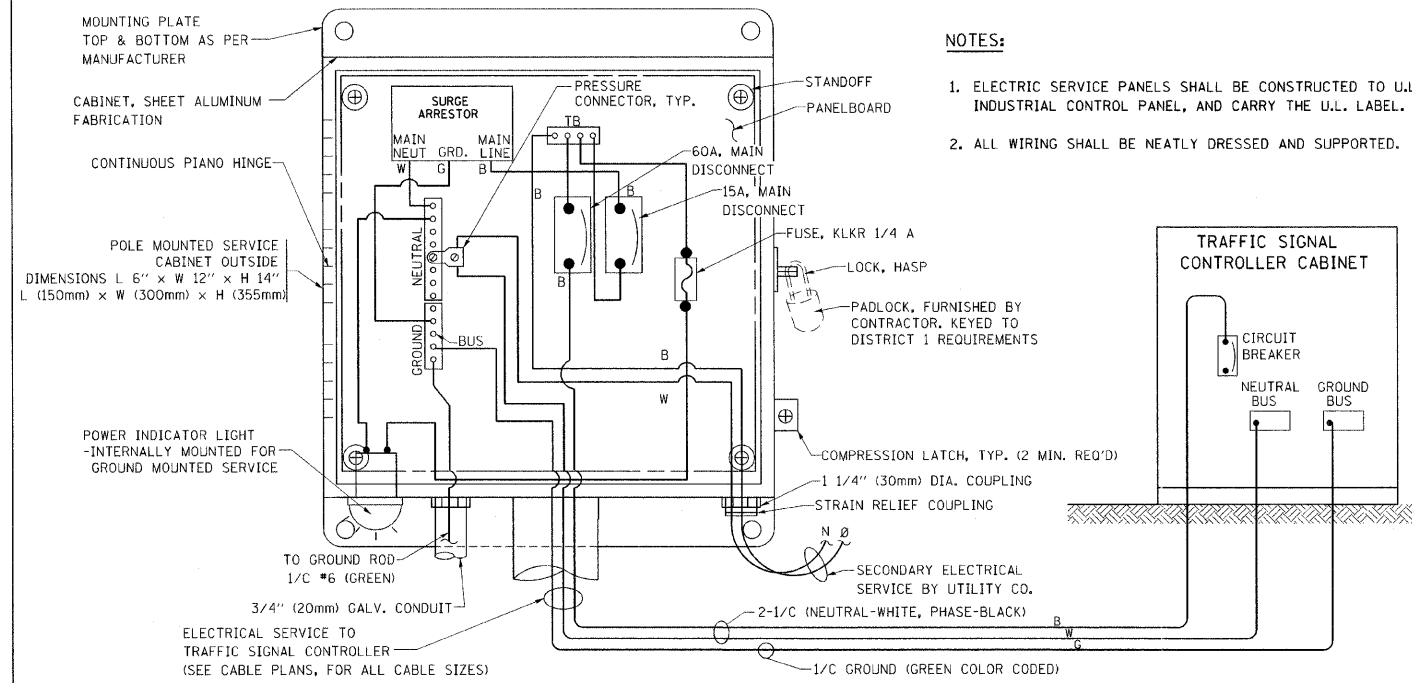
- LOOPS SHALL BE SPLICED IN SERIES.
- SAW-CUTS SHALL BE A MINIMUM WIDTH OF 5/16" (8 mm).
- SAW-CUT DEPTHS SHALL BE 3" (75 mm). IF IN CONCRETE, THE SAW-CUT DEPTH SHALL BE TO THE TOP OF THE REINFORCEMENT.
- LOOP CORNERS SHALL BE DRILLED WITH A 2" (50 mm) DIAMETER CORE.



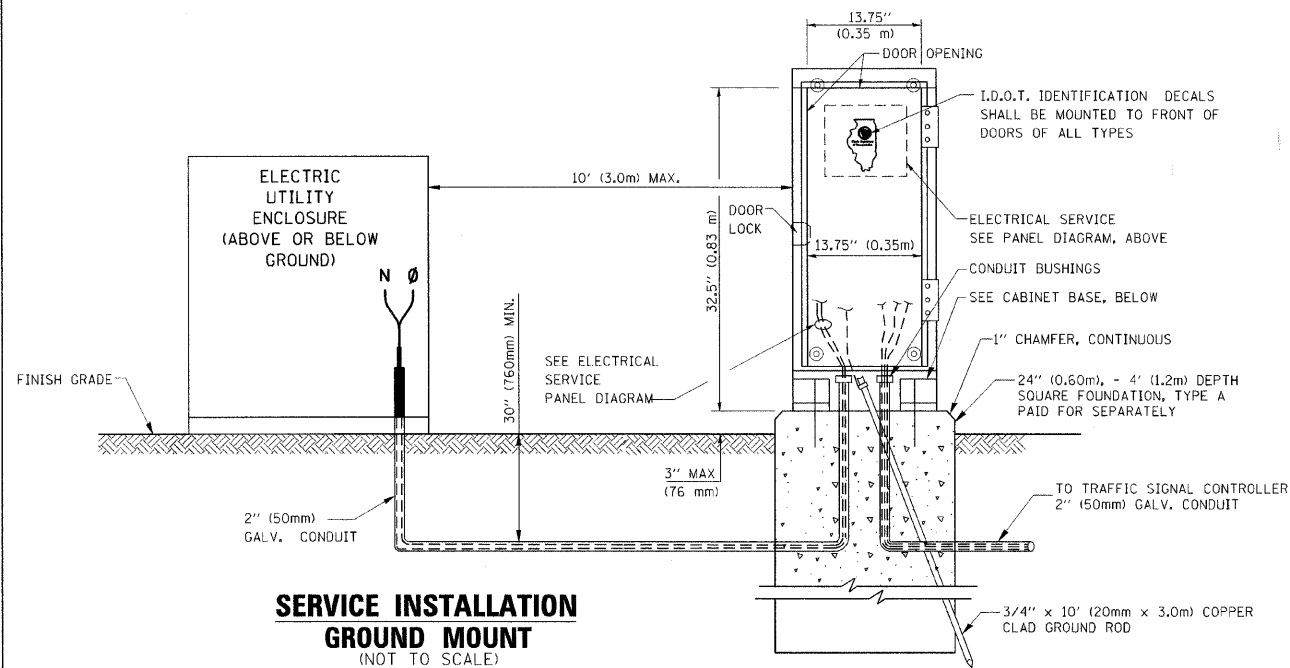
LOOP DETECTOR SPLICE

- 1 WESTERN UNION SPLICE SOLDERED WITH ROSIN CORE FLUX. ALL EXPOSED SURFACES OF THE SOLDER SHALL BE SMOOTH.
- 2 WCSMW 30/100 HEAT SHRINK TUBE, MINIMUM LENGTH 3" (75 mm), UNDERWATER GRADE.
- 3 WCS 200/750 HEAT SHRINK TUBE, MINIMUM LENGTH 6" (150 mm), UNDERWATER GRADE.
- 4 NO. 14 2/C TWISTED, SHIELDED CABLE.
- 5 LOOP CONDUCTOR WITH FLEXIBLE PLASTIC TUBE.
- 6 PRE-FORMED LOOP
- 7 XL POLYOLEFIN 2 CONDUCTOR BREAKOUT SEALS. TYCO CBR-2 OR APPROVED EQUAL

FILE NAME =	USER NAME = kanthaphwajhn	DESIGNED - DAD	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	DISTRICT ONE STANDARD TRAFFIC SIGNAL DESIGN DETAILS			F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
ct:\pwwork\pwidot\KANTHAPHWJHN\01126	4\traffic.legend.v7.dgn	DRAWN - BCK	REVISED -		SCALE:	SHEET NO. 1 OF 6 SHEETS	STA.	TO STA.			518	189
	PLOT SCALE = 20,0000 "/ IN.	CHECKED - DAD	REVISED -									
	PLOT DATE = 10/6/2009	DATE - 10/28/09	REVISED -									
								CONTRACT NO.				
								FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				

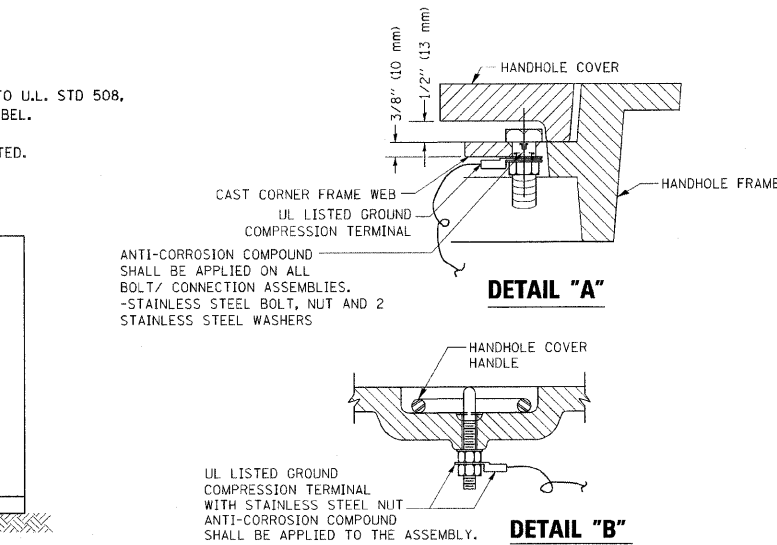
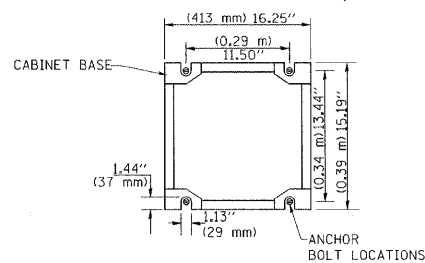


ELECTRICAL SERVICE - PANEL DIAGRAM (TYPICAL FOR POLE AND GROUND MOUNTED SERVICE)
SERVICE INSTALLATION POLE MOUNT (SHOWN)
 (NOT TO SCALE)



SERVICE INSTALLATION GROUND MOUNT
 (NOT TO SCALE)

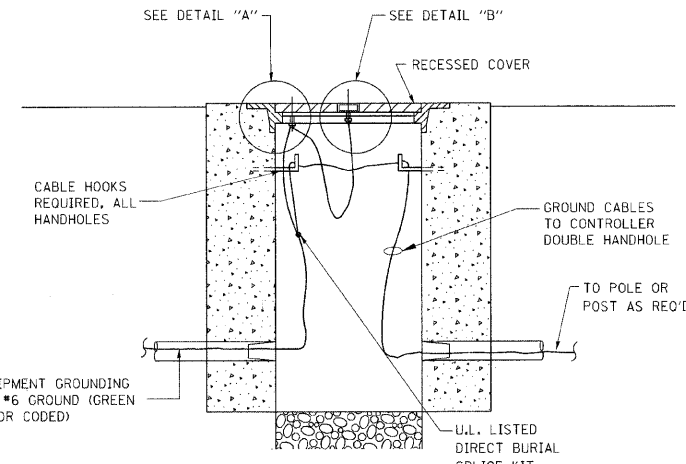
CABINET - BASE BOLT PATTERN
 (NOT TO SCALE)



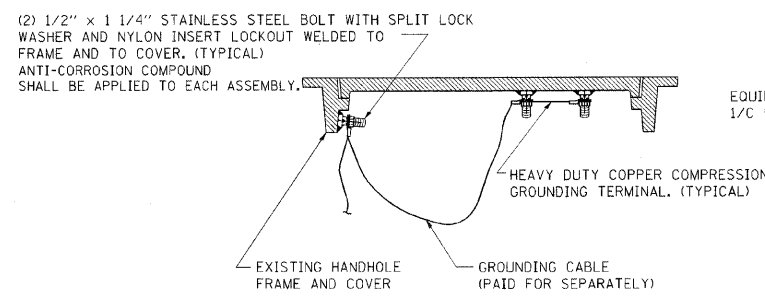
NOTES:

GROUNDING SYSTEM

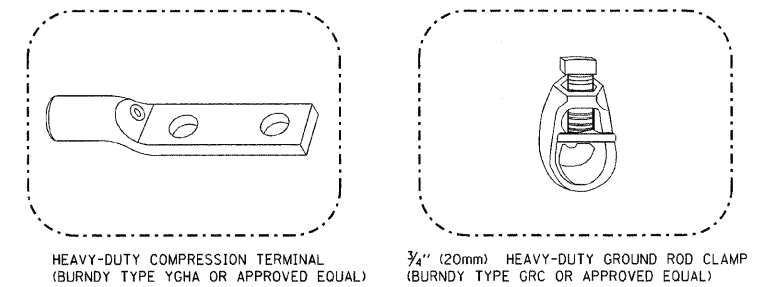
1. THE GROUNDING SYSTEM SHALL CONSIST OF AN INSULATED CONDUCTOR TYPE XLP, NO. 6 A.W.G., STRANDED COPPER TO BE INSTALLED IN RACEWAYS. THE GROUNDING CABLE SHALL BE INSTALLED IN A CONTINUOUS MANNER AS SHOWN ON THE CABLE PLAN PROVIDED. ALL GROUNDING CONDUCTORS SHALL BE BONDED TO METAL ENCLOSURE (HANDHOLE, POST, MAST ARM, CONTROLLER, ETC.). GROUND ROD SHALL BE 3/4" DIA. x 10'-0" (20mm x 3.0m) LONG, COPPER CLAD. ONE GROUND ROD SHALL BE INSTALLED AT ALL POST FOUNDATIONS, POLE FOUNDATIONS, CONTROLLER CABINET FOUNDATION AND ELECTRICAL SERVICE INSTALLATION AS INDICATED ON THE CABLE PLAN. IF THERE ARE ANY SPECIAL CONDITIONS SUCH AS SUB-SURFACE CONDITIONS OR INSTALLATION PROBLEMS, THE RESIDENT ENGINEER SHALL BE NOTIFIED OR CONTACT THE BUREAU OF TRAFFIC, ILLINOIS DEPARTMENT OF TRANSPORTATION DISTRICT ONE AT (847) 705-4139.
2. THE NEUTRAL CONDUCTOR AND THE GROUND CONDUCTOR SHALL BE CONNECTED IN THE SERVICE INSTALLATION. AT NO OTHER POINT IN THE TRAFFIC SIGNAL SYSTEM SHALL THE NEUTRAL AND GROUND CONDUCTORS BE CONNECTED.
3. ALL EQUIPMENT GROUNDING CONDUCTORS SHALL TERMINATE AT THE GROUND BUS IN THE CONTROLLER CABINET.
4. THE CONTRACTOR SHALL PROVIDE A GROUND CABLE WITH CONNECTORS BETWEEN THE HANDHOLE COVER AND HANDHOLE FRAME.



HANDHOLE COVER & FRAME - GROUNDING DETAIL
 (NOT TO SCALE)

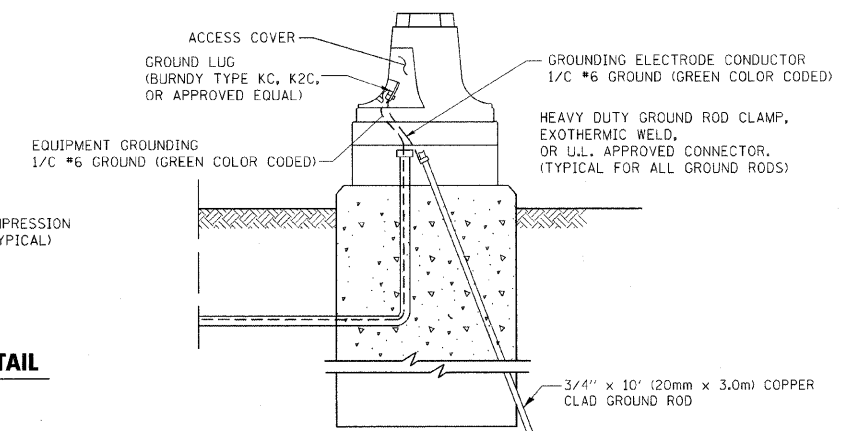


EXISTING HANDHOLE COVER & FRAME - GROUNDING DETAIL
 (NOT TO SCALE)



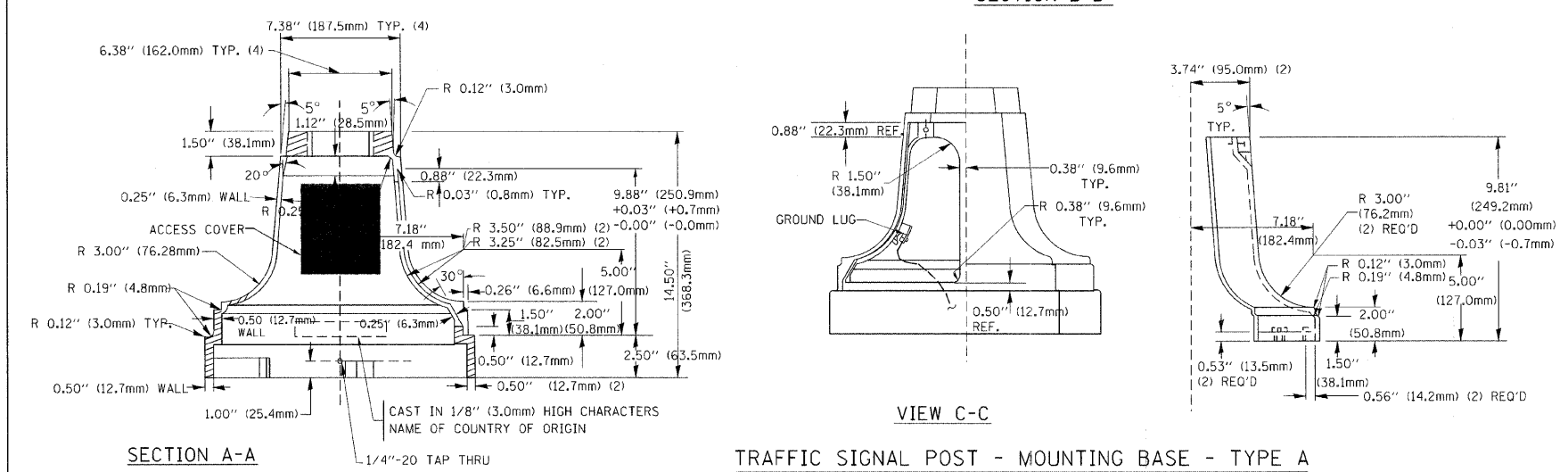
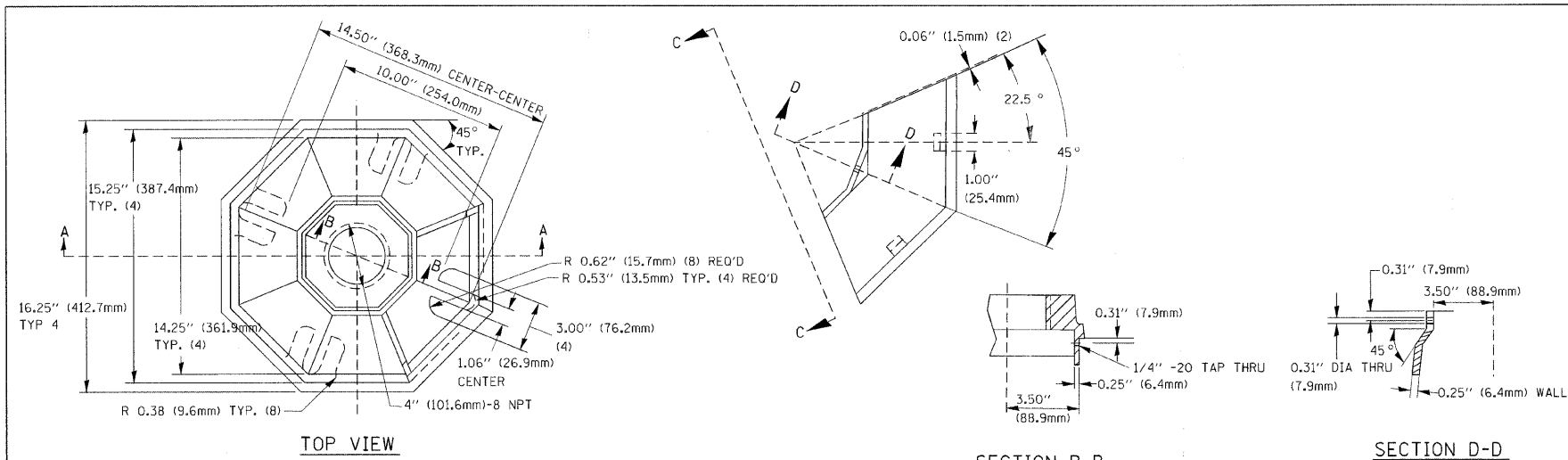
NOTES:

- ALL CLAMPS SHALL BE BRONZE OR COPPER, UL APPROVED.
- GROUND CABLE SHALL BE LOOPED OVER HOOKS IN THE HANDHOLES 6.5' (2.0m) SLACK SHALL BE PROVIDED IN SINGLE HANDHOLES. 13' (4.0m) OF SLACK SHALL BE PROVIDED IN DOUBLE HANDHOLES. 5' (1.4m) OF SLACK SHALL BE PROVIDED BETWEEN FRAME AND COVER.

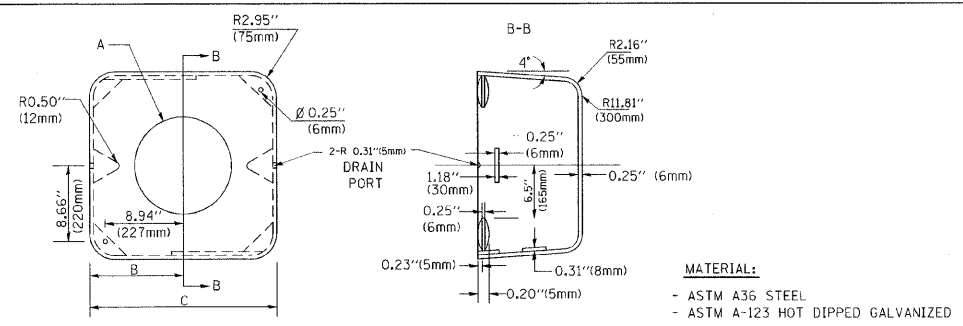


MAST ARM POLE / POST-GROUNDING DETAIL
 (NOT TO SCALE)

FILE NAME =	USER NAME = kanthaphayaybc	DESIGNED - DAD	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	DISTRICT 1 STANDARD TRAFFIC SIGNAL DESIGN DETAILS			F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
02:\pwork\PMIDOT\KANTHAPHAYAYBC\0811264\traffic_legend_v7.dgn		DRAWN - BCK	REVISED -		SCALE:	SHEET NO. 3 OF 6 SHEETS	STA.	TO STA.				518	191
		CHECKED - DAD	REVISED -										
		DATE - 10/28/09	REVISED -										
CONTRACT NO.												ILLINOIS FED. AID PROJECT	



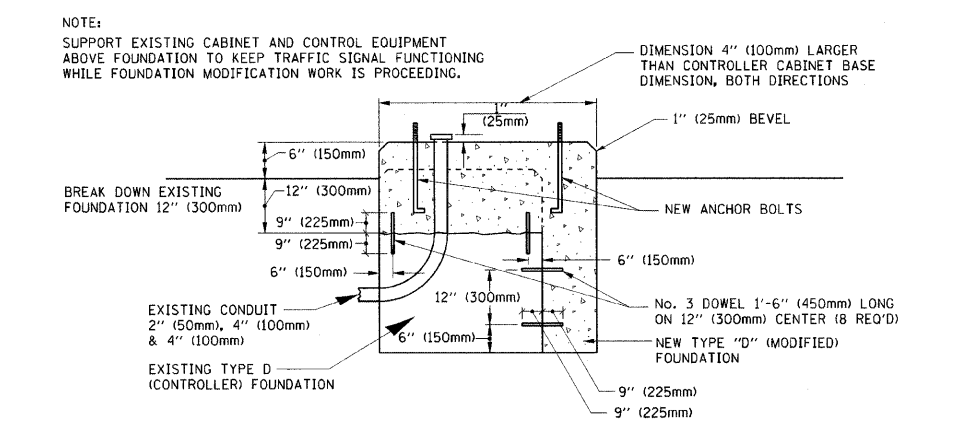
TRAFFIC SIGNAL POST - MOUNTING BASE - TYPE A



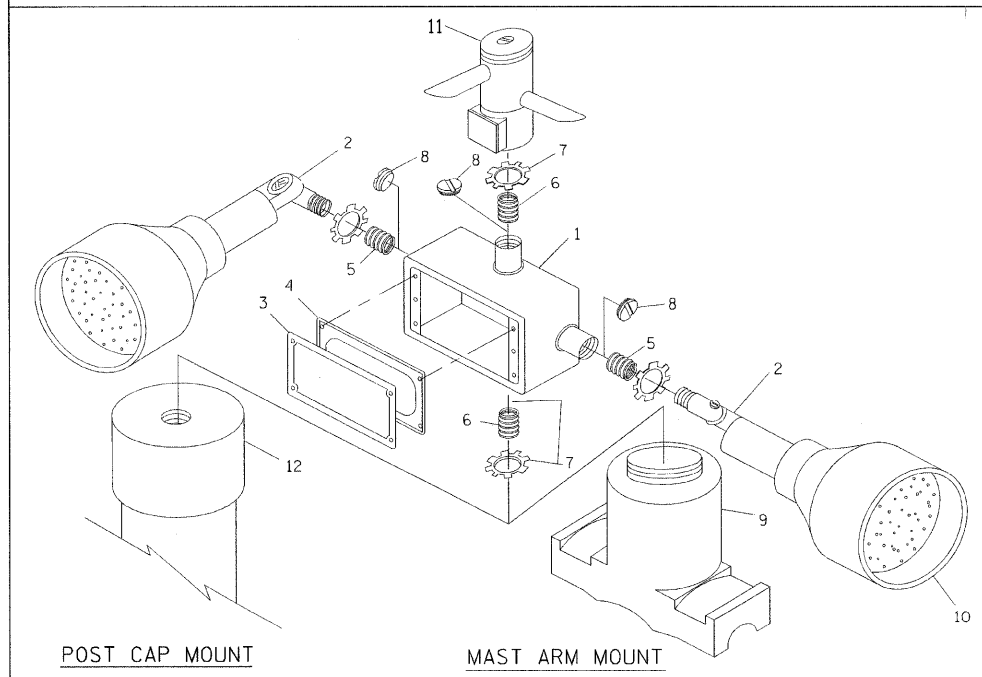
A	B	C	HEIGHT	WEIGHT
VARIES	9.5\"(241mm)	19\"(483mm)	7\" (178mm) - 12\" (300mm)	53 lbs (24kg)
VARIES	10.75\"(273mm)	21.5\"(546mm)	7\" (178mm) - 12\" (300mm)	68 lbs (31 kg)
VARIES	13.0\"(330mm)	26\"(660mm)	7\" (178mm) - 12\" (300mm)	81 lbs (37 kg)
VARIES	18.5\"(470mm)	37\"(940mm)	7\" (178mm) - 12\" (300mm)	126 lbs (57 kg)

SHROUD

- NOTES:
- DIMENSION "A" IS EQUAL TO THE DIAMETER OF THE MAST ARM POLE AT THE TOP OF THE SHROUD. THE SHROUD SHALL BE TIGHT TO THE MAST ARM POLE.
 - THE SUPPLIER SHALL VERIFY THE ABOVE DIMENSIONS BASED ON MAST ARM REQUIREMENTS.
 - THE HEIGHT OF THE SHROUD SHALL COVER THE ANCHOR BOLTS, NUTS AND MAST ARM POLE BASE.



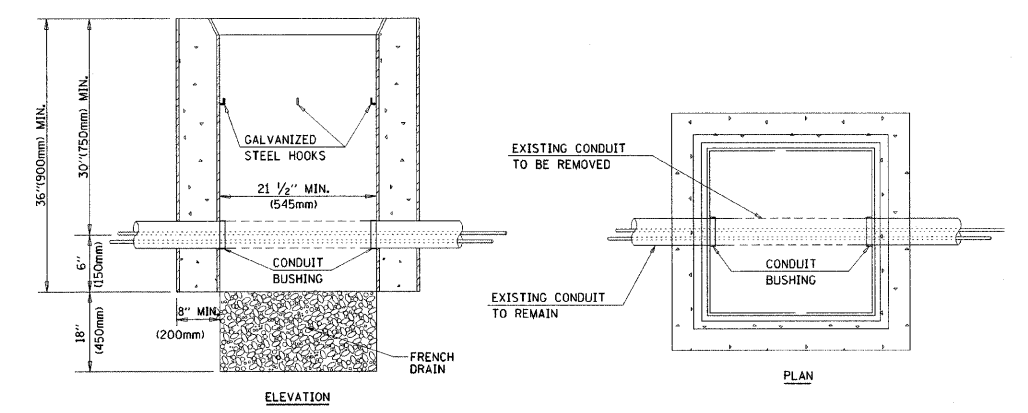
MODIFY EXISTING TYPE "D" FOUNDATION



POST CAP MOUNT MAST ARM MOUNT
EMERGENCY VEHICLE DETECTOR WITH CONFIRMATION BEACON MOUNTING DETAIL

ITEM NO.	IDENTIFICATION
1	OUTLET BOX- GALV. 21 CU.IN. (0,000344 CU-M)
2	LAMP HOLDER AND COVER
3	OUTLET BOX COVER
4	RUBBER COVER GASKET
5	REDUCING BUSHING
6	3/4\"(19 mm) CLOSE NIPPLE
7	3/4\"(19 mm) LOCKNUT
8	3/4\"(19 mm) HOLE PLUG
9	SADDLE BRACKET - GALV.
10	6 WATT PAR 38 LED FLOOD LAMP
11	DETECTOR UNIT
12	POST CAP [18 FT. (5,4 m) POST MIN.]

- NOTES:
- ALL ELECTRICAL ITEMS, EXCEPT ITEMS #2 AND #11 SHALL BE ALUMINUM OR GALVANIZED
 - ITEM #1- OZ/GEDNEY FSX-1-50 OR EQUIVALENT
ITEM #2- MULBERRY CON-O-SHADE LAMP SHIELD OR EQUIVALENT
ITEM #9- "BAND-IT" SADDLE BRACKET OR EQUIVALENT
 - WHEN POST MOUNTING IS SPECIFIED, ITEM #9 SHALL NOT BE REQUIRED. THE DETECTION UNIT SHALL BE MOUNTED DIRECTLY ON TOP OF THE CAP BY DRILLING AND TAPPING A 3/4\"(19 mm) HOLE WITH PIPE THREADS. THE POST CAP SHALL EITHER BE SCREWED TO THE TOP OF THE POST OR A MINIMUM OF 3 TIGHTENING SCREWS SHALL BE REQUIRED ON EACH CAP.



- NOTES:
- HANDHOLE CONSTRUCTED PER STATE STANDARD B14001.
 - REMOVAL OF THE EXISTING CONDUIT FROM THE HANDHOLE AND THE INSTALLATION OF THE CONDUIT BUSHINGS SHALL BE INCIDENTAL TO THE HANDHOLE.

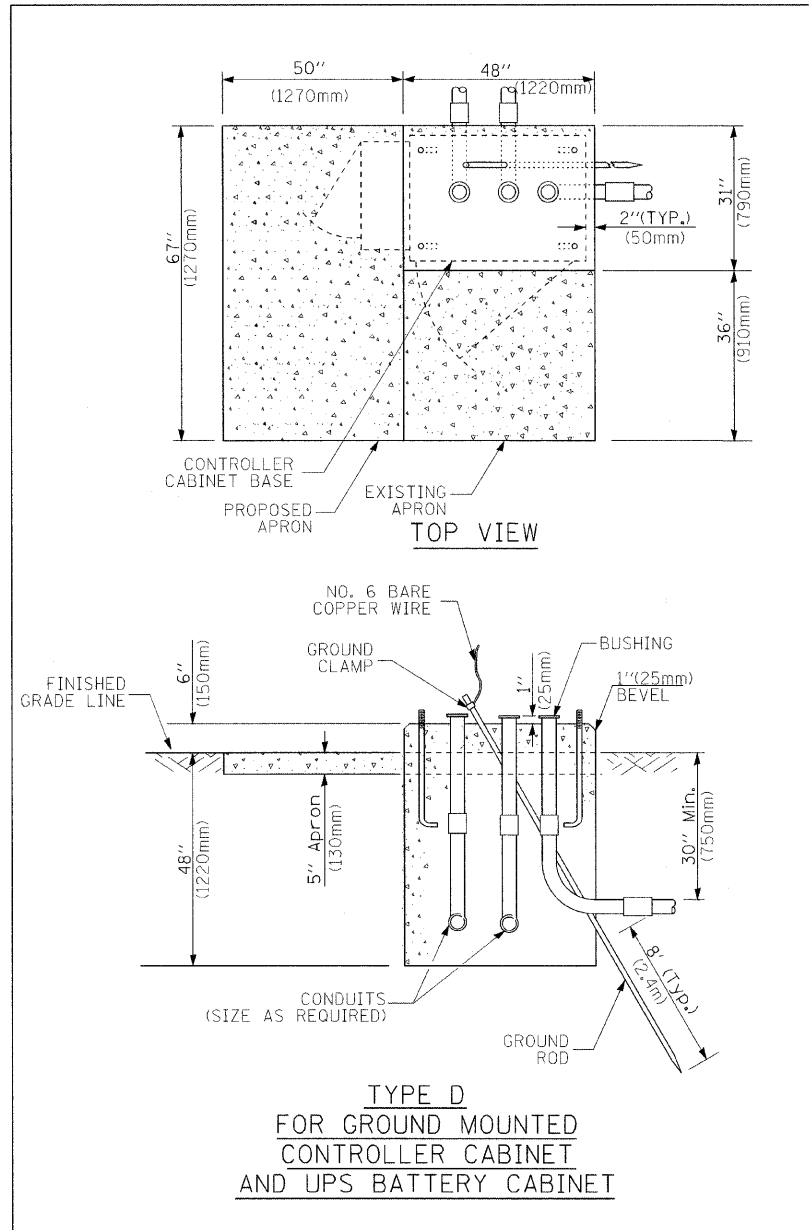
HANDHOLE TO INTERCEPT EXISTING CONDUIT

FILE NAME =	USER NAME = kanthaphaxjbo	DESIGNED - DAG	REVISED -
o:\p\work\p\WIDOT\KANTHAPHAXJBO\1264\traffic.legend.v7.dgn		DRAWN - BCK	REVISED -
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	PLOT DATE = 10/6/2009	DATE - 10/28/09	REVISED -

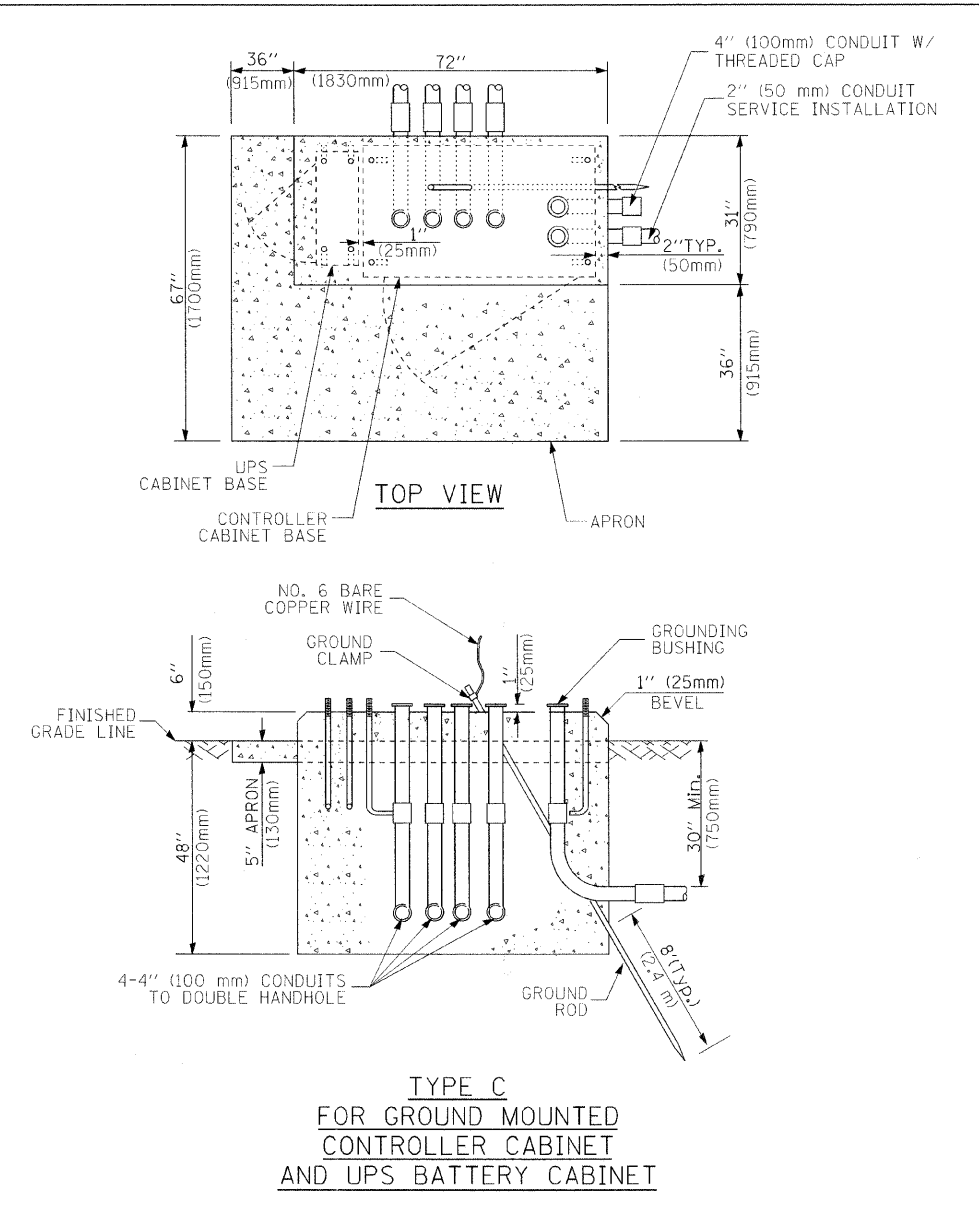
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DISTRICT 1
STANDARD TRAFFIC SIGNAL DESIGN DETAILS

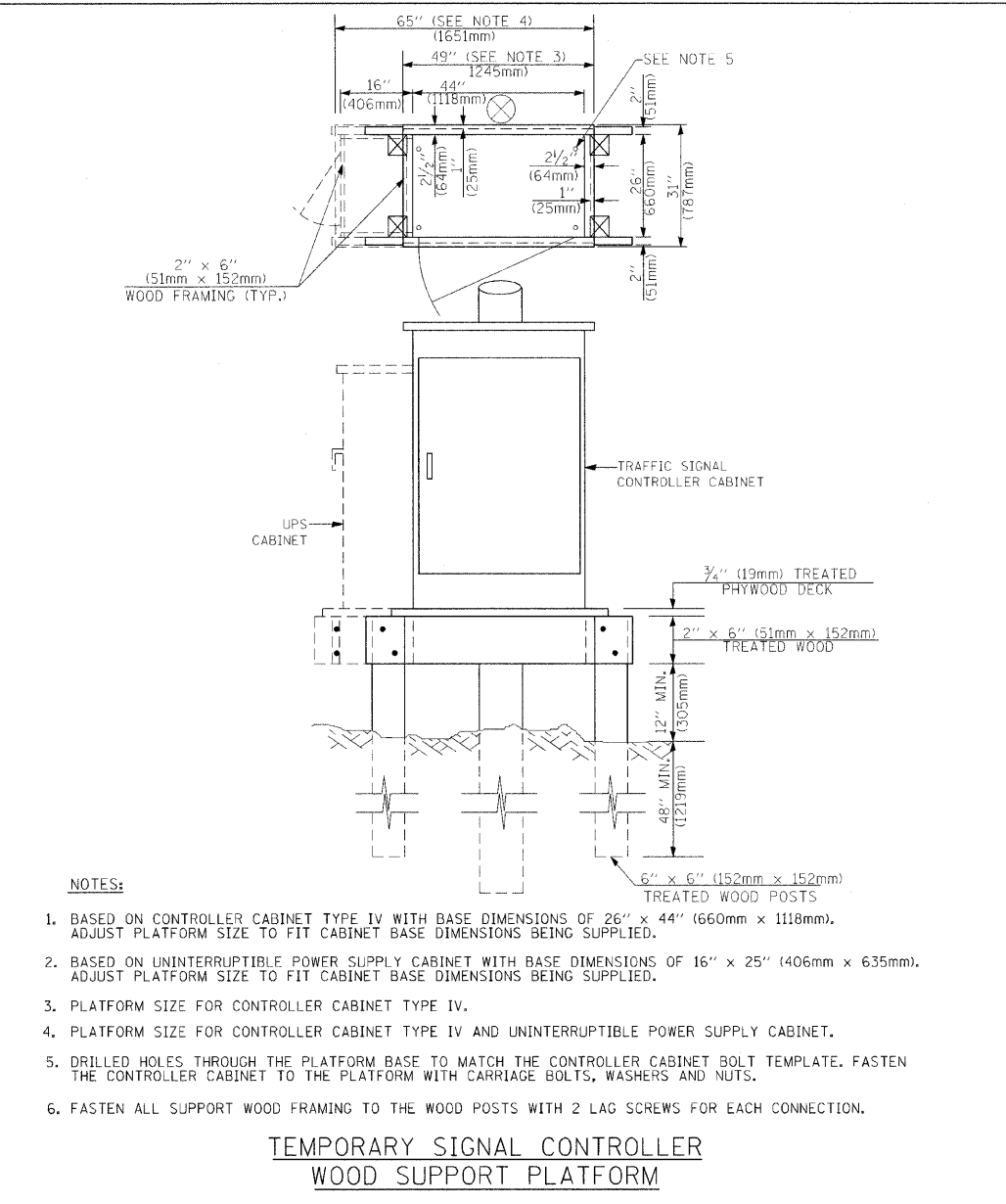
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
			518	192
CONTRACT NO.				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				



**TYPE D
FOR GROUND MOUNTED
CONTROLLER CABINET
AND UPS BATTERY CABINET**



**TYPE C
FOR GROUND MOUNTED
CONTROLLER CABINET
AND UPS BATTERY CABINET**



- NOTES:**
1. BASED ON CONTROLLER CABINET TYPE IV WITH BASE DIMENSIONS OF 26" x 44" (660mm x 1118mm). ADJUST PLATFORM SIZE TO FIT CABINET BASE DIMENSIONS BEING SUPPLIED.
 2. BASED ON UNINTERRUPTIBLE POWER SUPPLY CABINET WITH BASE DIMENSIONS OF 16" x 25" (406mm x 635mm). ADJUST PLATFORM SIZE TO FIT CABINET BASE DIMENSIONS BEING SUPPLIED.
 3. PLATFORM SIZE FOR CONTROLLER CABINET TYPE IV.
 4. PLATFORM SIZE FOR CONTROLLER CABINET TYPE IV AND UNINTERRUPTIBLE POWER SUPPLY CABINET.
 5. DRILLED HOLES THROUGH THE PLATFORM BASE TO MATCH THE CONTROLLER CABINET BOLT TEMPLATE. FASTEN THE CONTROLLER CABINET TO THE PLATFORM WITH CARRIAGE BOLTS, WASHERS AND NUTS.
 6. FASTEN ALL SUPPORT WOOD FRAMING TO THE WOOD POSTS WITH 2 LAG SCREWS FOR EACH CONNECTION.

**TEMPORARY SIGNAL CONTROLLER
WOOD SUPPORT PLATFORM**

CABLE SLACK LENGTH	FEET	METER
HANDHOLE	6.5	2.0
DOUBLE HANDHOLE	13.0	4.0
SIGNAL POST	2.0	0.6
MAST ARM	2.0	0.6
CONTROLLER CABINET	1.5	0.5
FIBER OPTIC AT CABINET	13.0	4.0
ELECTRIC SERVICE AT (CABINET OR SERVICE LOCATION)	1.5	0.5
GROUND CABLE (SIGNAL POST, MAST ARM, CABINET)	1.5	0.5
GROUND CABLE (BETWEEN FRAME AND COVER)	5.0	1.6

CABLE SLACK

VERTICAL CABLE LENGTH	FEET	METER
MAST ARM POLE (MAST ARM MOUNTED SIGNAL HEAD) (L = MAST ARM LENGTH - DISTANCE TO SIGNAL HEAD FROM END OF ARM)	20.0+L	6.0+L
BRACKET MOUNTED (MAST ARM POLE OR SIGNAL POLE)	13.0	4.0
PEDESTRIAN PUSH BUTTON	6.0	2.0
SERVICE INSTALLATION POLE MOUNT TO SERVICE DROP	13.5	4.1
SERVICE INSTALLATION POLE MOUNT TO GROUND	13.5	4.1
SERVICE INSTALLATION GROUND MOUNT	6.0	2.0
FOUNDATION (SIGNAL POST, MAST ARM POLE, CONTROLLER CABINET, SERVICE-GROUND MOUNT)	3.0	1.0

VERTICAL CABLE LENGTH

FOUNDATION	DEPTH
TYPE A - Signal Post	4'-0" (1.2m)
TYPE C - CONTROLLER W/ UPS	4'-0" (1.2m)
TYPE D - CONTROLLER	4'-0" (1.2m)
SERVICE INSTALLATION, GROUND MOUNT, TYPE A - SQUARE	4'-0" (1.2m)

DEPTH OF FOUNDATION

Mast Arm Length	① Foundation Depth	Foundation Diameter	Spiral Diameter	Quantity of Rebars	Size of Rebars
Less than 30' (9.1 m)	10'-0" (3.0 m)	30" (750mm)	24" (600mm)	8	6(19)
Greater than or equal to 30' (9.1 m) and less than 40' (12.2 m)	13'-6" (4.1 m)	30" (750mm)	24" (600mm)	8	6(19)
Greater than or equal to 40' (12.2 m) and less than 50' (15.2 m)	11'-0" (3.4 m)	36" (900mm)	30" (750mm)	12	7(22)
Greater than or equal to 50' (15.2 m) and up to 55' (16.8 m)	13'-0" (4.0 m)	36" (900mm)	30" (750mm)	12	7(22)
Greater than or equal to 55' (16.8 m) and up to 65' (19.8 m)	15'-0" (4.6 m)	36" (900mm)	30" (750mm)	12	7(22)
Greater than or equal to 65' (19.8 m) and less than 75' (22.9 m)	21'-0" (6.4 m)	42" (1060mm)	36" (900mm)	16	8(25)
Greater than or equal to 75' (22.9 m)	25'-0" (7.6 m)	42" (1060mm)	36" (900mm)	16	8(25)

- NOTES:**
1. These foundation depths are for sites which have cohesive soils (clayey silt, sandy clay, etc.) along the length of the shaft, with an average Unconfined Compressive Strength (q_u) > 1.0 tsf (100 kpa). This strength shall be verified by boring data prior to construction or with testing by the Engineer during foundation drilling. The Bureau of Bridges & Structures should be contacted for a revised design if other conditions are encountered.
 2. Combination mast arm assemblies under 55 feet (16.8 m) shall use 36" (900 mm) diameter foundations.
 3. Combination mast arm assemblies under 56 feet (16.8 m) through 75 feet (22.9 m) shall use 42" (1060 mm) diameter foundations.
 4. For mast arm assemblies with dual arms refer to state standard 878001.

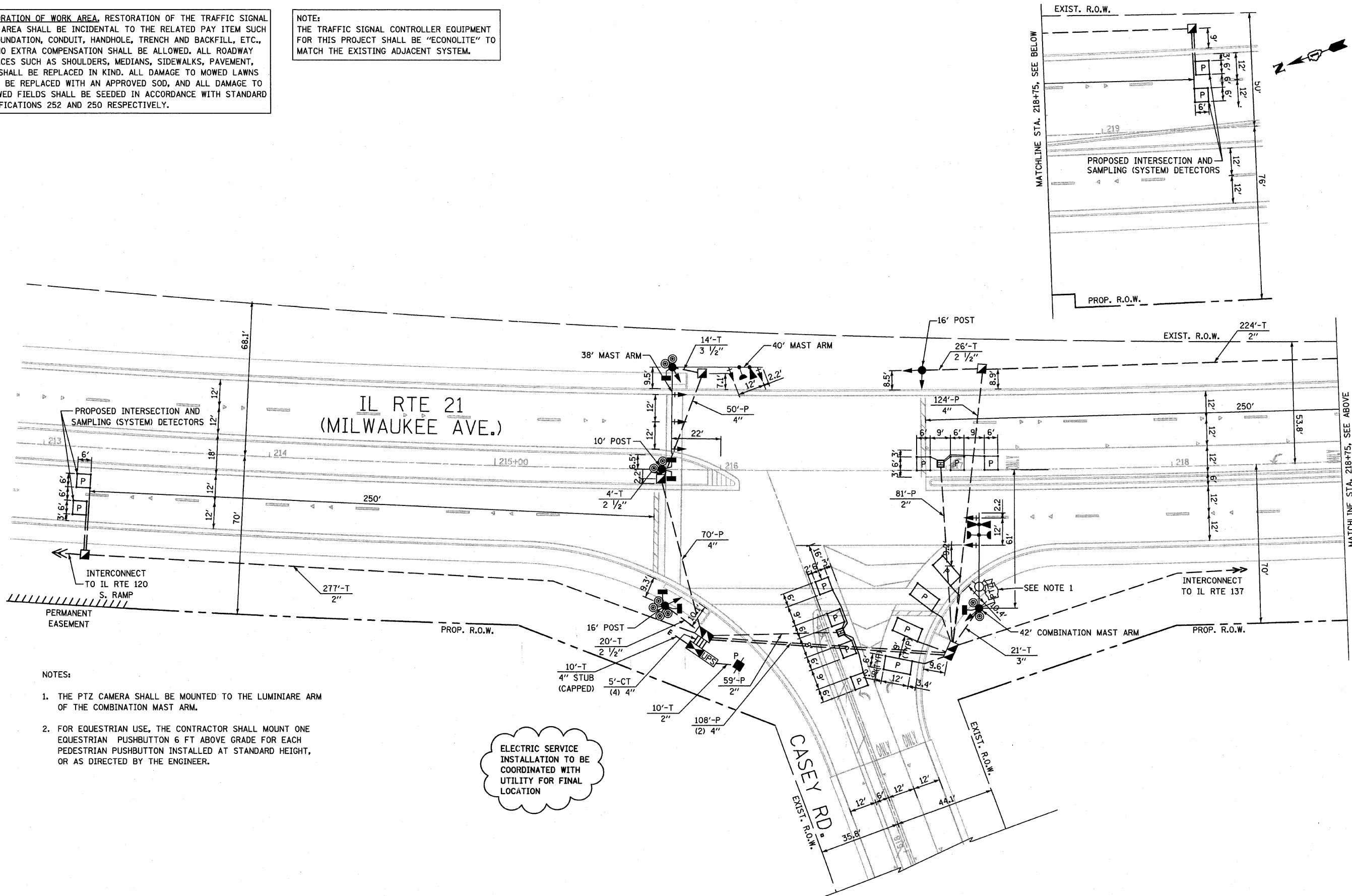
DEPTH OF MAST ARM FOUNDATIONS, TYPE E

TRAFFIC SIGNAL LEGEND

ITEM	REMOVAL	EXISTING	PROPOSED	ITEM	REMOVAL	EXISTING	PROPOSED	ITEM	REMOVAL	EXISTING	PROPOSED				
CONTROLLER CABINET				EMERGENCY VEHICLE LIGHT DETECTOR				ELECTRIC CABLE IN CONDUIT, TRACER, NO. 14 1/C, UNLESS NOTED OTHERWISE							
RAILROAD CONTROL CABINET				CONFIRMATION BEACON				COAXIAL CABLE							
COMMUNICATIONS CABINET				HANDHOLE				VENDOR CABLE FOR CAMERA							
MASTER CONTROLLER				HEAVY DUTY HANDHOLE				COPPER INTERCONNECT CABLE, NO. 18 3 PAIR TWISTED, SHIELDED							
MASTER MASTER CONTROLLER				DOUBLE HANDHOLE				FIBER OPTIC CABLE NO. 62.5/125, MM12F							
UNINTERRUPTIBLE POWER SUPPLY				JUNCTION BOX				FIBER OPTIC CABLE NO. 62.5/125, MM12F SM12F							
SERVICE INSTALLATION, (P) POLE OR (G) GROUND MOUNT				GALVANIZED STEEL CONDUIT IN TRENCH (T) OR PUSHED (P)				FIBER OPTIC CABLE NO. 62.5/125, MM12F 5M12F							
TELEPHONE CONNECTION (P) POLE OR (G) GROUND MOUNT				TEMPORARY SPAN WIRE, TETHER WIRE, AND CABLE				FIBER OPTIC CABLE NO. 62.5/125, (NUMBER OF FIBERS & TYPE TO BE NOTED ON PLANS)							
STEEL MAST ARM ASSEMBLY AND POLE				COMMON TRENCH				GROUND ROD AT (C) CONTROLLER, (H) HANDHOLE, (P) POST, (M) MAST ARM, OR (S) SERVICE							
ALUMINUM MAST ARM ASSEMBLY AND POLE				COILABLE NONMETALLIC CONDUIT (EMPTY)				CONTROLLER CABINET AND FOUNDATION TO BE REMOVED							
STEEL COMBINATION MAST ARM ASSEMBLY AND POLE WITH LUMINAIRE				SYSTEM ITEM		S	S	STEEL MAST ARM POLE AND FOUNDATION TO BE REMOVED							
STEEL COMBINATION MAST ARM ASSEMBLY AND POLE WITH PTZ CAMERA				INTERSECTION ITEM		I	IP	ALUMINUM MAST ARM POLE AND FOUNDATION TO BE REMOVED							
SIGNAL POST				REMOVE ITEM	R			STEEL COMBINATION MAST ARM ASSEMBLY AND POLE WITH LUMINAIRE AND FOUNDATION TO BE REMOVED							
TEMPORARY WOOD POLE (CLASS 5 OR BETTER) 45 FOOT (13.7m) MINIMUM				RELOCATE ITEM	RL			SIGNAL POST AND FOUNDATION TO BE REMOVED							
GUY WIRE				ABANDON ITEM	A			INTERSECTION & SAMPLING (SYSTEM) DETECTOR							
SIGNAL HEAD				12" (300mm) TRAFFIC SIGNAL SECTION				SAMPLING (SYSTEM) DETECTOR							
SIGNAL HEAD CONSTRUCTION STAGES (NUMBERS INDICATE THE CONSTRUCTION STAGE)				12" (300mm) RED WITH 8" (200mm) YELLOW AND GREEN TRAFFIC SIGNAL FACE				EXISTING INTERSECTION LOOP DETECTOR PROPOSED INTERSECTION AND SAMPLING (SYSTEM) DETECTOR							
SIGNAL HEAD WITH BACKPLATE				SIGNAL FACE				EXISTING PREFORMED INTERSECTION LOOP DETECTOR PROPOSED INTERSECTION AND SAMPLING (SYSTEM) DETECTOR							
SIGNAL HEAD OPTICALLY PROGRAMMED				SIGNAL FACE WITH BACKPLATE, "P" INDICATES PROGRAMMED HEAD				PREFORMED INTERSECTION AND SAMPLING (SYSTEM) DETECTOR							
FLASHER INSTALLATION (S DENOTES SOLAR POWER)				12" (300mm) PEDESTRIAN SIGNAL HEAD WALK/DON'T WALK SYMBOL				PREFORMED SAMPLING (SYSTEM) DETECTOR							
PEDESTRIAN SIGNAL HEAD				12" (300mm) PEDESTRIAN SIGNAL HEAD INTERNATIONAL SYMBOL, OUTLINED				RAILROAD SYMBOLS							
PEDESTRIAN PUSHBUTTON DETECTOR				12" (300mm) PEDESTRIAN SIGNAL HEAD INTERNATIONAL SYMBOL, SOLID				EXISTING		PROPOSED					
ACCESSIBLE PEDESTRIAN PUSHBUTTON DETECTOR				PEDESTRIAN SIGNAL HEAD, INTERNATIONAL SYMBOL, WITH COUNTDOWN TIMER				RAILROAD CONTROL CABINET							
ILLUMINATED SIGN "NO LEFT TURN"				RADIO INTERCONNECT				RAILROAD CANTILEVER MAST ARM							
ILLUMINATED SIGN "NO RIGHT TURN"				RADIO REPEATER				FLASHING SIGNAL							
DETECTOR LOOP, TYPE I				DENOTES NUMBER OF CONDUCTORS, ELECTRIC CABLE NO. 14, UNLESS NOTED OTHERWISE, ALL DETECTOR LOOP CABLE TO BE SHIELDED				CROSSING GATE							
PREFORMED DETECTOR LOOP				GROUND CABLE IN CONDUIT NO. 6 SOLID COPPER (GREEN)				CROSSBUCK							
MICROWAVE VEHICLE SENSOR															
VIDEO DETECTION CAMERA															
VIDEO DETECTION ZONE															
PAN, TILT, ZOOM CAMERA															
WIRELESS DETECTOR SENSOR															
WIRELESS ACCESS POINT															

RESTORATION OF WORK AREA, RESTORATION OF THE TRAFFIC SIGNAL WORK AREA SHALL BE INCIDENTAL TO THE RELATED PAY ITEM SUCH AS FOUNDATION, CONDUIT, HANDHOLE, TRENCH AND BACKFILL, ETC., AND NO EXTRA COMPENSATION SHALL BE ALLOWED. ALL ROADWAY SURFACES SUCH AS SHOULDERS, MEDIANS, SIDEWALKS, PAVEMENT, ETC. SHALL BE REPLACED IN KIND. ALL DAMAGE TO MOWED LAWNS SHALL BE REPLACED WITH AN APPROVED SOD, AND ALL DAMAGE TO UNMOWED FIELDS SHALL BE SEEDED IN ACCORDANCE WITH STANDARD SPECIFICATIONS 252 AND 250 RESPECTIVELY.

NOTE:
THE TRAFFIC SIGNAL CONTROLLER EQUIPMENT FOR THIS PROJECT SHALL BE "ECONOLITE" TO MATCH THE EXISTING ADJACENT SYSTEM.



- NOTES:
1. THE PTZ CAMERA SHALL BE MOUNTED TO THE LUMINIAIRE ARM OF THE COMBINATION MAST ARM.
 2. FOR EQUESTRIAN USE, THE CONTRACTOR SHALL MOUNT ONE EQUESTRIAN PUSHBUTTON 6 FT ABOVE GRADE FOR EACH PEDESTRIAN PUSHBUTTON INSTALLED AT STANDARD HEIGHT, OR AS DIRECTED BY THE ENGINEER.

ELECTRIC SERVICE INSTALLATION TO BE COORDINATED WITH UTILITY FOR FINAL LOCATION

FILE NAME = P:\11305.000 - CRD IL RTE 21\Correspondence\11305\11307-Handoff * Ref Files\Reattached\07-TS-Cam.dgn

USER NAME = IDOT - District 01	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION		TRAFFIC SIGNAL INSTALLATION PLAN IL RTE 21 (MILWAUKEE AVE) AT CASEY ROAD		F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
PLOT SCALE = 48.0000' / 1"	DRAWN -	REVISED -					330	128R-3	LAKE	518	195
PLOT DATE = 7/13/2011	CHECKED -	REVISED -					CONTRACT NO. 60953				
DATE 07/08/11	REVISED -	REVISED -					ILLINOIS FED. AID PROJECT				
			SCALE: 1"=20'		SHEET NO. 7 OF 41 SHEETS		STA. TO STA.				

SCHEDULE OF QUANTITIES		
ITEM	UNIT	QTY
SIGN PANEL - TYPE 1	SQ.FT	13.5
SIGN PANEL - TYPE 2	SQ.FT	16.25
CONDUIT IN TRENCH, 2" DIA., GALVANIZED STEEL	FT	511
CONDUIT IN TRENCH, 2 1/2" DIA., GALVANIZED STEEL	FT	50
CONDUIT IN TRENCH, 3" DIA., GALVANIZED STEEL	FT	21
CONDUIT IN TRENCH, 3 1/2" DIA., GALVANIZED STEEL	FT	14
CONDUIT IN TRENCH, 4" DIA., GALVANIZED STEEL	FT	30
CONDUIT PUSHED, 2" DIA., GALVANIZED STEEL	FT	140
CONDUIT PUSHED, 4" DIA., GALVANIZED STEEL	FT	460
HANDHOLE	EA	5
HEAVY-DUTY HANDHOLE	EA	2
DOUBLE HANDHOLE	EA	1
TRENCH AND BACKFILL FOR ELECTRICAL WORK	EA	626
FULL-ACTUATED CONTROLLER AND TYPE IV CABINET (SPECIAL)	EA	1
ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 2C	FT	1159
ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 3C	FT	1380
ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 5C	FT	1811
ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 7C	FT	882
ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 1 PAIR	FT	2077
ELECTRIC CABLE IN CONDUIT, SERVICE, NO. 6 2/C	FT	27
TRAFFIC SIGNAL POST, GALVANIZED STEEL 10 FT.	EA	1
TRAFFIC SIGNAL POST, GALVANIZED STEEL 16 FT.	EA	2
STEEL MAST ARM ASSEMBLY AND POLE WITH DUAL MAST ARMS, 38 FT. AND 40 FT.	EA	1
STEEL COMBINATION MAST ARM ASSEMBLY AND POLE, 42 FT.	EA	1
CONCRETE FOUNDATION, TYPE A	FT	12
CONCRETE FOUNDATION, TYPE C	FT	4
CONCRETE FOUNDATION, TYPE E 36 INCH DIAMETER	FT	13
CONCRETE FOUNDATION, TYPE E 42 INCH DIAMETER	FT	25
SIGNAL HEAD, LED, 1 FACE, 3 SECTION, MAST-ARM MOUNTED	EA	6
SIGNAL HEAD, LED, 1 FACE, 3 SECTION, BRACKET MOUNTED	EA	1
SIGNAL HEAD, LED, 1 FACE, 5 SECTION, BRACKET MOUNTED	EA	2
SIGNAL HEAD, LED, 1 FACE, 5 SECTION, MAST-ARM MOUNTED	EA	1
SIGNAL HEAD, LED, 2 FACE, 1-3 SECTION, 1-5 SECTION, BRACKET MOUNTED	EA	1
PEDESTRIAN SIGNAL HEAD, 1-FACE, LED, BRACKET MOUNTED WITH COUNTDOWN TIMER	EA	2
PEDESTRIAN SIGNAL HEAD, 2-FACE, LED, BRACKET MOUNTED WITH COUNTDOWN TIMER	EA	2
TRAFFIC SIGNAL BACKPLATE, LOUVERED, ALUMINIUM	EA	7
INDUCTIVE LOOP DETECTOR	EA	7
# LIGHT DETECTOR	EA	2
# LIGHT DETECTOR AMPLIFIER	EA	1
PEDESTRIAN PUSH-BUTTON	EA	10
PREFORMED DETECTOR LOOP	FT	483
SERVICE INSTALLATION, POLE MOUNT	EA	1
UNINTERRUPTIBLE POWER SUPPLY	EA	1
ELECTRIC CABLE IN CONDUIT, GROUNDING NO. 6 1/C	FT	469
# ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 20 3/C, TWISTED, SHIELDED	FT	450
ELECTRIC CABLE IN CONDUIT, VIDEO NO. 20 4C	FT	212
ELECTRIC CABLE IN CONDUIT, COAXIAL	FT	212
REMOTE-CONTROLLED VIDEO SYSTEM	EA	1
LAYER II (DATA LINK) SWITCH	EA	1
VIDEO ENCODER	EA	1

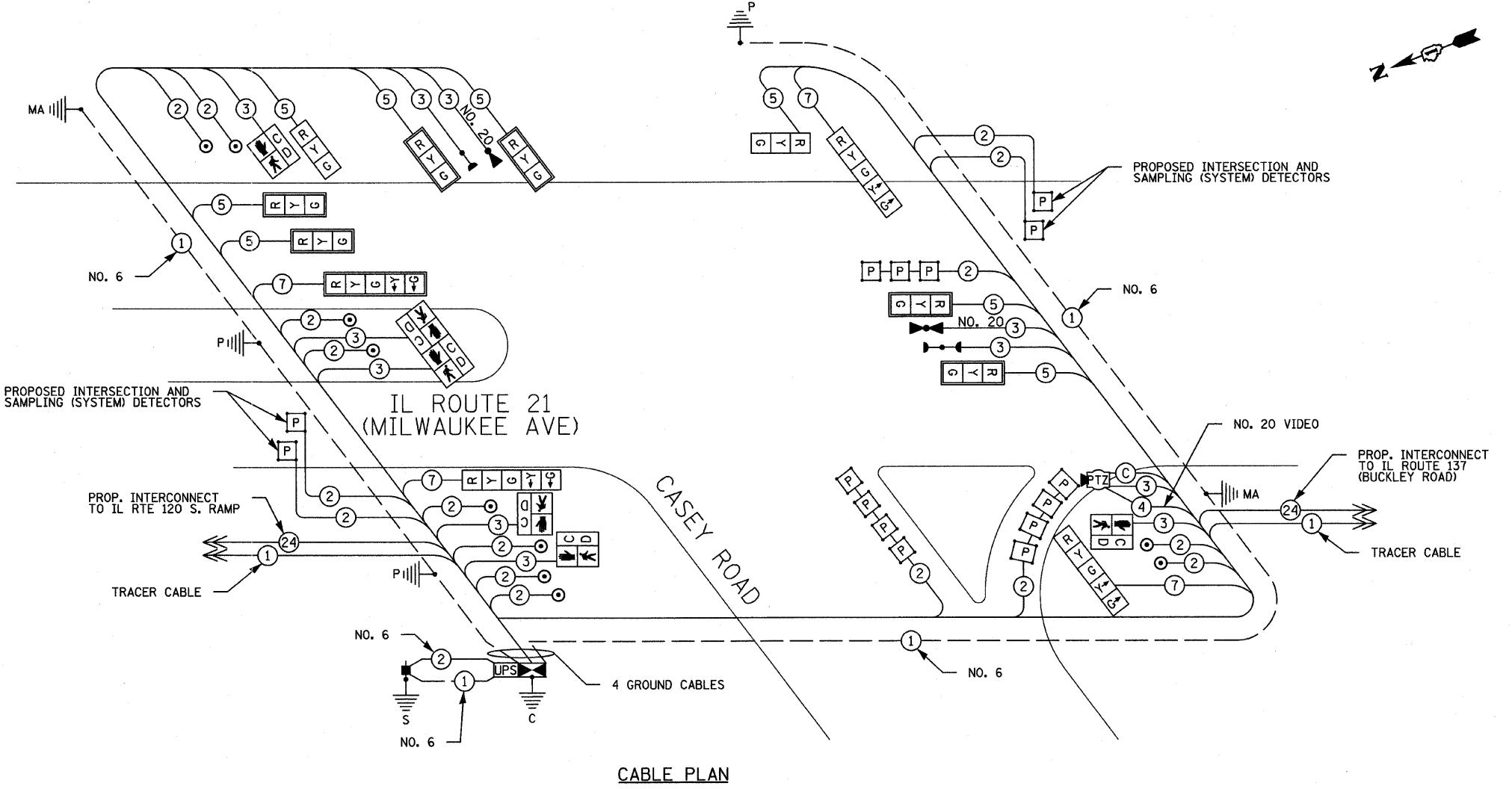
100% VILLAGE OF LIBERTYVILLE COST

I.D.O.T. TRAFFIC SIGNAL INSTALLATION ELECTRICAL SERVICE REQUIREMENTS					
TYPE	NO. OF LAMPS	WATTAGE		% OPERATIONS	TOTAL WATTAGE
		INCAND.	LED		
SIGNAL (RED)	12		17	0.50	204.0
(YELLOW)	12		25	0.25	75.0
(GREEN)	12		15	0.25	45.0
ARROW	8		12	0.10	9.6
PED. SIGNAL	6		25	1.00	150
CONTROLLER	1	100	100	1.00	100
FLASHER			25	0.50	
ENERGY COSTS TO: TOTAL = 583.6					
VILLAGE OF LIBERTYVILLE					
118 WEST COOK AVENUE					
LIBERTYVILLE, ILLINOIS 60048					
ENERGY SUPPLY: CONTACT: JOE HURLEY					
PHONE: (847) 816-5503					
COMPANY: COM ED					

RESTORATION OF WORK AREA. RESTORATION OF THE TRAFFIC SIGNAL WORK AREA SHALL BE INCIDENTAL TO THE RELATED PAY ITEM SUCH AS FOUNDATION, CONDUIT, HANDHOLE, TRENCH AND BACKFILL, ETC., AND NO EXTRA COMPENSATION SHALL BE ALLOWED. ALL ROADWAY SURFACES SUCH AS SHOULDERS, MEDIANS, SIDEWALKS, PAVEMENT, ETC. SHALL BE REPLACED IN KIND. ALL DAMAGE TO MOWED LAWNS SHALL BE REPLACED WITH AN APPROVED SOD, AND ALL DAMAGE TO UNMOWED FIELDS SHALL BE SEEDED IN ACCORDANCE WITH STANDARD SPECIFICATIONS 252 AND 250 RESPECTIVELY.

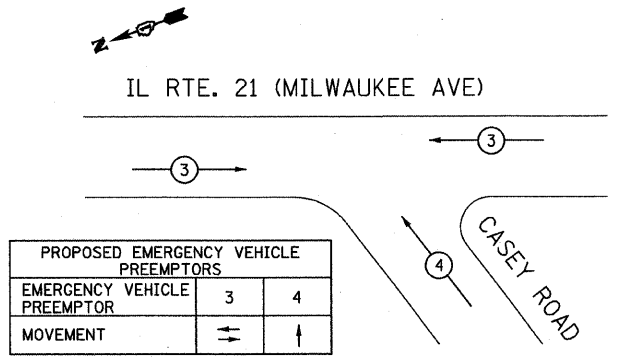
NOTE: THE TRAFFIC SIGNAL CONTROLLER EQUIPMENT FOR THIS PROJECT SHALL BE "ECONOLITE" TO MATCH THE EXISTING ADJACENT SYSTEM.

THE TRACER CABLE SHALL BE CONTINUOUS AND EXTEND INTO THE CONTROLLER CABINET.



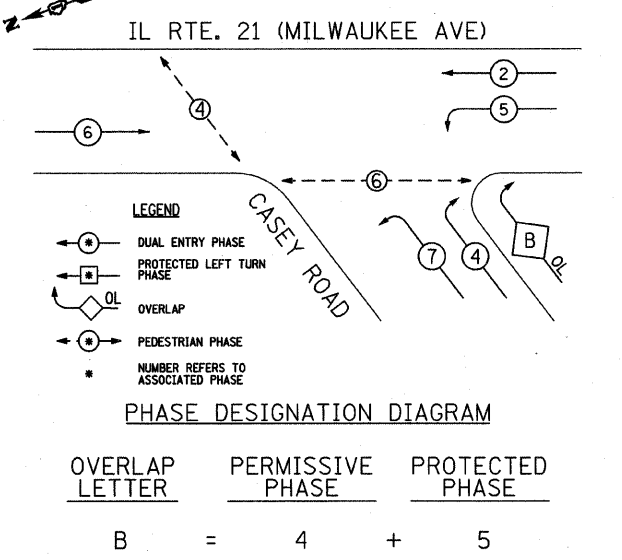
CABLE PLAN

EMERGENCY VEHICLE PRE-EMPTION SEQUENCE



PROPOSED EMERGENCY VEHICLE PREEMPTORS		
EMERGENCY VEHICLE PREEMPTOR	3	4
MOVEMENT	←	↑

CONTROLLER SEQUENCE



PHASE DESIGNATION DIAGRAM

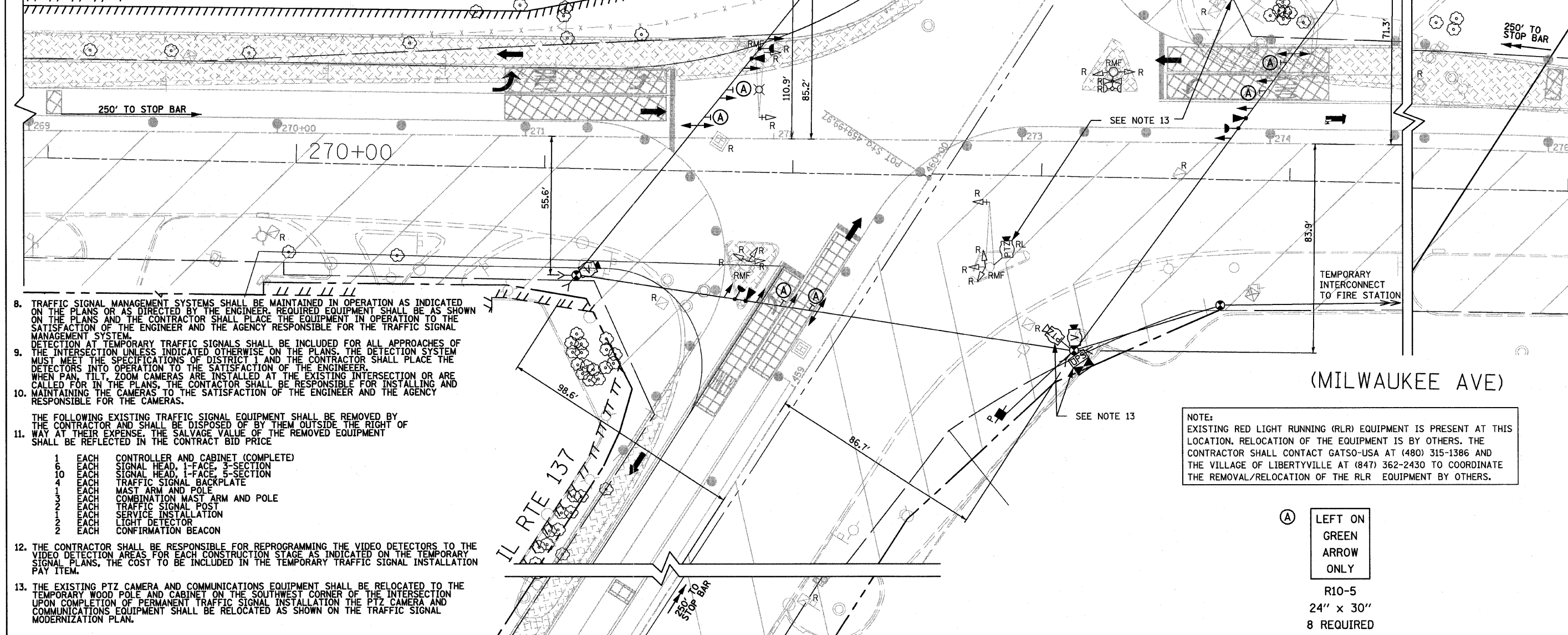
OVERLAP LETTER	PERMISSIVE PHASE	PROTECTED PHASE
B	=	4 + 5

NOTES FOR TEMPORARY TRAFFIC SIGNALS

1. ALL CONTROL EQUIPMENT INCLUDING EMERGENCY PRE-EMPTION AND COMMUNICATION DEVICES FOR THE TEMPORARY TRAFFIC SIGNAL(S) SHALL BE FURNISHED BY THE CONTRACTOR.
2. ONLY CONTROLLERS SUPPLIED BY ONE OF THE DISTRICT APPROVED CLOSED LOOP EQUIPMENT MANUFACTURERS WILL BE APPROVED FOR USE AT TEMPORARY SIGNAL LOCATIONS. ALL CONTROLLERS USED FOR TEMPORARY TRAFFIC SIGNALS SHALL BE FULLY ACTUATED NEMA MICROPROCESSOR BASED WITH RS232 DATA ENTRY PORTS COMPATIBLE WITH EXISTING NEMA MONITORING SOFTWARE APPROVED BY IDOT DISTRICT 1, INSTALLED IN A NEMA TS1 OR TS2 CABINET. ONLY ONE BRAND OF CONTROLLER WILL BE ACCEPTED FOR ANY ONE CONTRACT.
3. ALL TRAFFIC SIGNAL SECTIONS AND PEDESTRIAN SIGNAL SECTIONS SHALL BE LED AND 12" (300mm) DIAMETER HEADS SHALL BE PLACED AS INDICATED ON THE TEMPORARY TRAFFIC SIGNAL PLAN OR AS DIRECTED BY THE ENGINEER. PEDESTRIAN SIGNALS SHALL INCLUDE SOLID INTERNATIONAL SYMBOLS. PEDESTRIAN SIGNALS WITH COUNTDOWN TIMERS SHALL BE USED WHEN THE EXISTING INSTALLATION UTILIZES COUNTDOWN TYPE OR AS DIRECTED BY THE ENGINEER. COUNTDOWN TYPE PEDESTRIAN SIGNALS ARE NOT TO BE INSTALLED AT A RAILROAD INTERSECTION. THE CONTRACTOR SHALL FURNISH ENOUGH CABLE SLACK TO RELOCATE HEADS TO ANY POSITION ON THE SPAN WIRE OR AT LOCATIONS ILLUSTRATED ON THE PLANS FOR CONSTRUCTION STAGING. THE TEMPORARY TRAFFIC SIGNAL SHALL REMAIN IN OPERATION DURING ALL SIGNAL HEAD RELOCATIONS. EACH TEMPORARY TRAFFIC SIGNAL HEAD SHALL HAVE ITS OWN CABLE FROM THE CONTROLLER CABINET TO THE SIGNAL HEAD.
4. ALL EXISTING STREET NAME AND INTERSECTION REGULATORY SIGNS SHALL BE REMOVED FROM EXISTING POLES, RELOCATED AND SECURELY FASTENED TO THE SIGNAL SPAN WIRE OR WOOD POLE AS DIRECTED BY THE ENGINEER.
5. ANY TEMPORARY SIGNAL WITHIN AN EXISTING CLOSED LOOP TRAFFIC SIGNAL SYSTEM SHALL BE INTERCONNECTED TO THAT SYSTEM USING SIMILAR BRAND CONTROL EQUIPMENT.
6. THE TEMPORARY TRAFFIC SIGNAL SHALL HAVE THE SIGNAL HEAD DISPLAYS, SIGNAL HEAD PLACEMENTS AND CONTROLLER PHASING TO MATCH THE EXISTING TRAFFIC SIGNAL, AT THE TIME OF THE TURN ON, IF NO TRAFFIC STAGING IS IN PLACE OR WILL NOT BE STAGED ON THE DAY OF THE TURN ON.
7. UNINTERRUPTABLE POWER SUPPLY (UPS) SYSTEMS SHALL BE INSTALLED AND MADE OPERATIONAL AT TEMPORARY TRAFFIC SIGNAL INSTALLATIONS WHERE UPS IS INSTALLED AT THE EXISTING TRAFFIC SIGNAL. TEMPORARY TRAFFIC SIGNALS AT RAILROAD INTERSECTIONS, AND TEMPORARY TRAFFIC SIGNALS AT INTERSECTIONS WITH FIRE STATION ACTUATED EMERGENCY VEHICLE PRE-EMPTION, OR WHEN INDICATED ON THE PLANS.

RESTORATION OF WORK AREA, RESTORATION OF THE TRAFFIC SIGNAL WORK AREA SHALL BE INCIDENTAL TO THE RELATED PAY ITEM SUCH AS FOUNDATION, CONDUIT, HANDHOLE, TRENCH AND BACKFILL, ETC., AND NO EXTRA COMPENSATION SHALL BE ALLOWED. ALL ROADWAY SURFACES SUCH AS SHOULDERS, MEDIANS, SIDEWALKS, PAVEMENT, ETC. SHALL BE REPLACED IN KIND. ALL DAMAGE TO MOWED LAWNS SHALL BE REPLACED WITH AN APPROVED SOD, AND ALL DAMAGE TO UNMOWED FIELDS SHALL BE SEED IN ACCORDANCE WITH STANDARD SPECIFICATIONS 252 AND 250 RESPECTIVELY.

NOTE:
THE TRAFFIC SIGNAL CONTROLLER EQUIPMENT FOR THIS PROJECT SHALL BE "ECONOLITE" TO MATCH THE EXISTING ADJACENT SYSTEM.



8. TRAFFIC SIGNAL MANAGEMENT SYSTEMS SHALL BE MAINTAINED IN OPERATION AS INDICATED ON THE PLANS OR AS DIRECTED BY THE ENGINEER. REQUIRED EQUIPMENT SHALL BE AS SHOWN ON THE PLANS AND THE CONTRACTOR SHALL PLACE THE EQUIPMENT IN OPERATION TO THE SATISFACTION OF THE ENGINEER AND THE AGENCY RESPONSIBLE FOR THE TRAFFIC SIGNAL MANAGEMENT SYSTEM.
9. DETECTION AT TEMPORARY TRAFFIC SIGNALS SHALL BE INCLUDED FOR ALL APPROACHES OF THE INTERSECTION UNLESS INDICATED OTHERWISE ON THE PLANS. THE DETECTION SYSTEM MUST MEET THE SPECIFICATIONS OF DISTRICT 1 AND THE CONTRACTOR SHALL PLACE THE DETECTORS INTO OPERATION TO THE SATISFACTION OF THE ENGINEER. WHEN PAN, TILT, ZOOM CAMERAS ARE INSTALLED AT THE EXISTING INTERSECTION OR ARE CALLED FOR IN THE PLANS, THE CONTRACTOR SHALL BE RESPONSIBLE FOR INSTALLING AND MAINTAINING THE CAMERAS TO THE SATISFACTION OF THE ENGINEER AND THE AGENCY RESPONSIBLE FOR THE CAMERAS.

THE FOLLOWING EXISTING TRAFFIC SIGNAL EQUIPMENT SHALL BE REMOVED BY THE CONTRACTOR AND SHALL BE DISPOSED OF BY THEM OUTSIDE THE RIGHT OF WAY AT THEIR EXPENSE. THE SALVAGE VALUE OF THE REMOVED EQUIPMENT SHALL BE REFLECTED IN THE CONTRACT BID PRICE

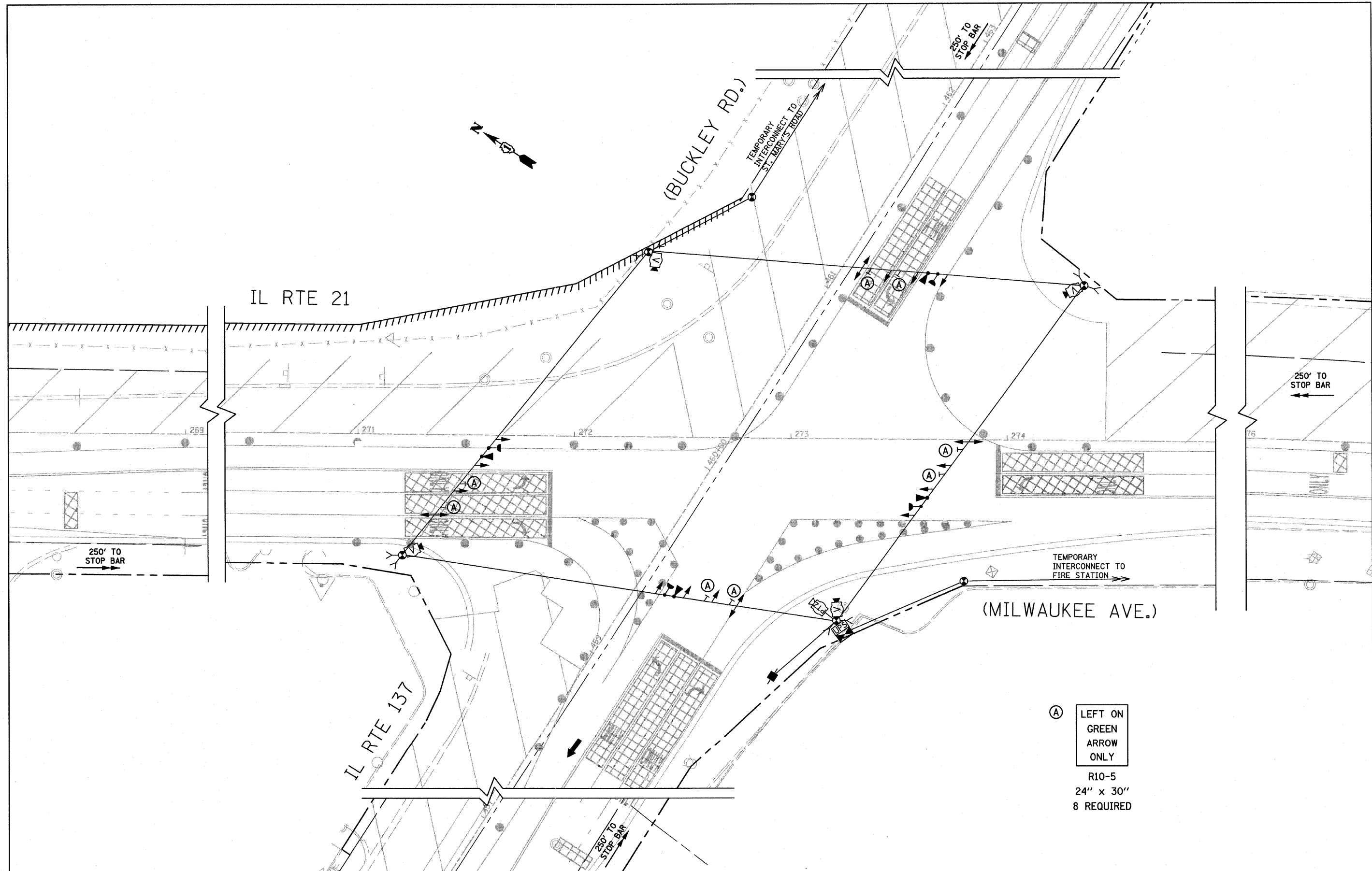
1	EACH	CONTROLLER AND CABINET (COMPLETE)
6	EACH	SIGNAL HEAD, 1-FACE, 3-SECTION
10	EACH	SIGNAL HEAD, 1-FACE, 6-SECTION
4	EACH	TRAFFIC SIGNAL BACKPLATE
4	EACH	MAST ARM AND POLE
3	EACH	COMBINATION MAST ARM AND POLE
2	EACH	TRAFFIC SIGNAL POST
1	EACH	SERVICE INSTALLATION
2	EACH	LIGHT DETECTOR
2	EACH	CONFIRMATION BEACON

12. THE CONTRACTOR SHALL BE RESPONSIBLE FOR REPROGRAMMING THE VIDEO DETECTORS TO THE VIDEO DETECTION AREAS FOR EACH CONSTRUCTION STAGE AS INDICATED ON THE TEMPORARY SIGNAL PLANS, THE COST TO BE INCLUDED IN THE TEMPORARY TRAFFIC SIGNAL INSTALLATION PAY ITEM.
13. THE EXISTING PTZ CAMERA AND COMMUNICATIONS EQUIPMENT SHALL BE RELOCATED TO THE TEMPORARY WOOD POLE AND CABINET ON THE SOUTHWEST CORNER OF THE INTERSECTION UPON COMPLETION OF PERMANENT TRAFFIC SIGNAL INSTALLATION. THE PTZ CAMERA AND COMMUNICATIONS EQUIPMENT SHALL BE RELOCATED AS SHOWN ON THE TRAFFIC SIGNAL MODERNIZATION PLAN.

NOTE:
EXISTING RED LIGHT RUNNING (RLR) EQUIPMENT IS PRESENT AT THIS LOCATION. RELOCATION OF THE EQUIPMENT IS BY OTHERS. THE CONTRACTOR SHALL CONTACT GATSO-USA AT (480) 315-1386 AND THE VILLAGE OF LIBERTYVILLE AT (847) 362-2430 TO COORDINATE THE REMOVAL/RELOCATION OF THE RLR EQUIPMENT BY OTHERS.

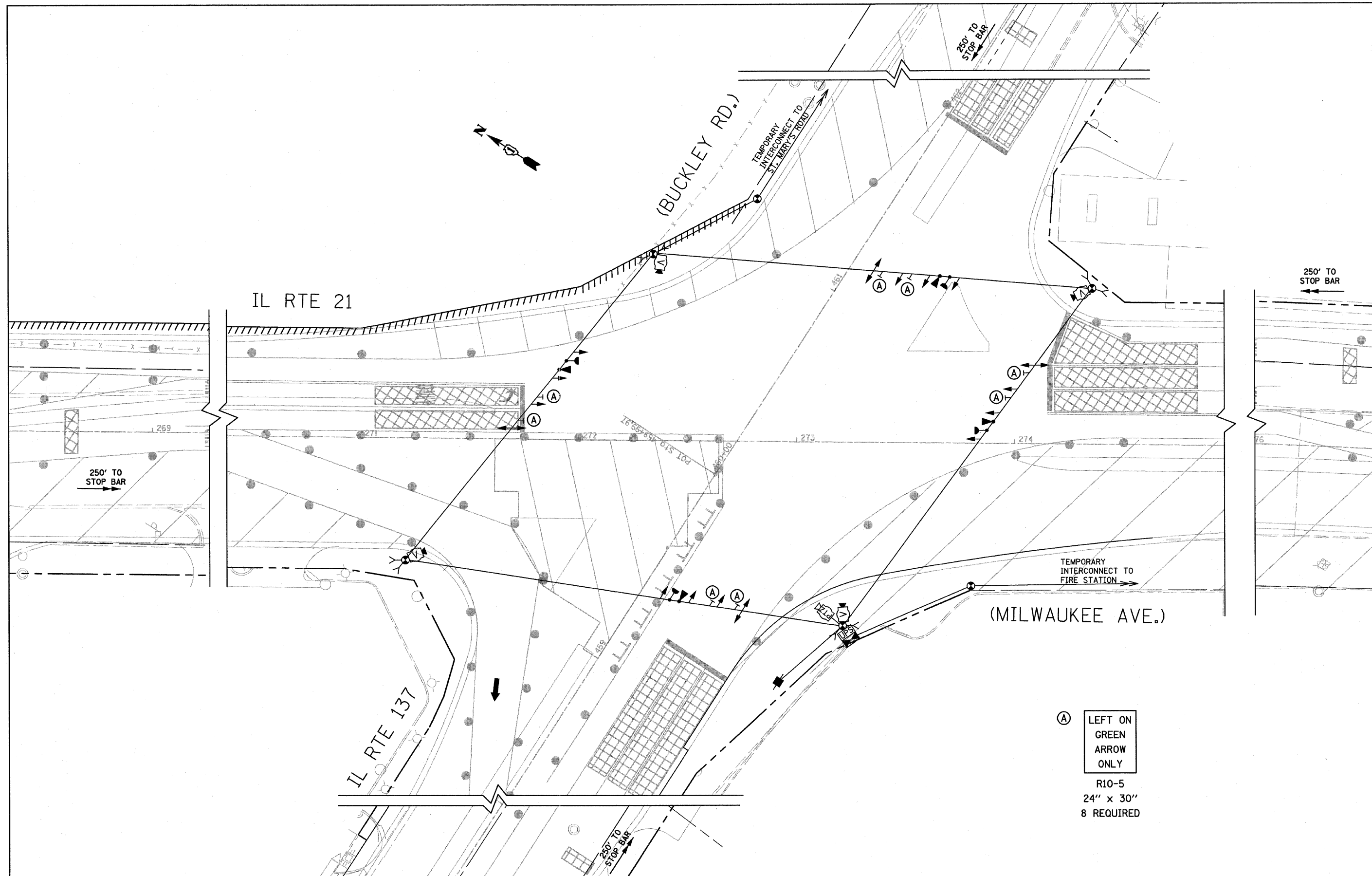
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R10-5
24" x 30"
8 REQUIRED



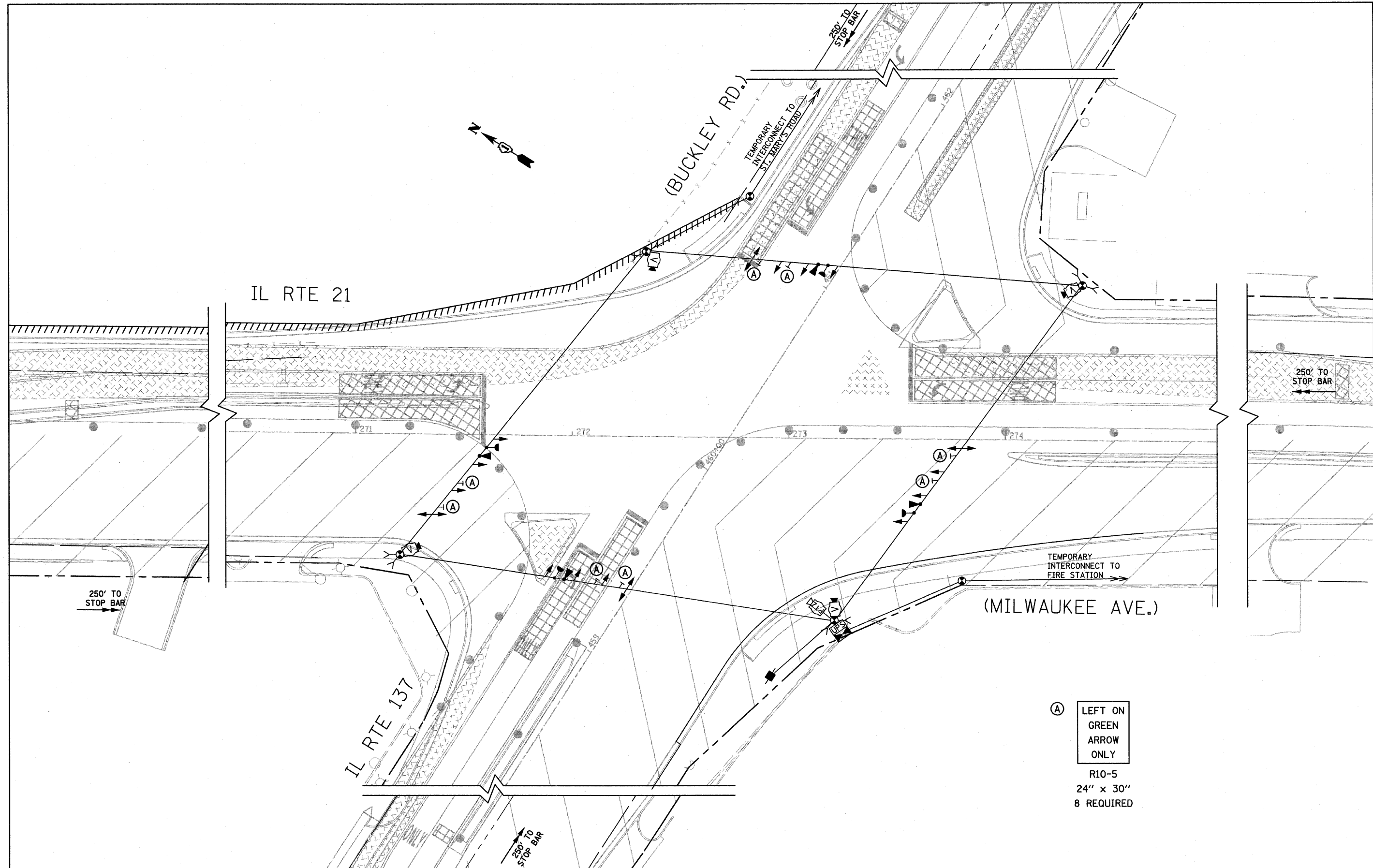
(A) LEFT ON GREEN ARROW ONLY
 R10-5
 24" x 30"
 8 REQUIRED

FILE NAME = P:\11386.000 - CRA IL Rte 21\Correspondence\11386.000.dwg	USER NAME = IDOT - District 01	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	TEMPORARY TRAFFIC SIGNAL INSTALLATION PLAN ILL RTE 21 (MILWAUKEE AVE.) AT ILL RTE 137 (BUCKLEY RD.) STAGE II			F.A. RTE. 330	SECTION 128R-3	COUNTY LAKE	TOTAL SHEETS 518	SHEET NO. 198
PLOT SCALE = 48.0000' / in.	CHECKED -	REVISED -	REVISED -		SCALE: 1"=20'	SHEET NO. 10 OF 41 SHEETS	STA. TO STA.	ILLINOIS FED. AID PROJECT				
PLOT DATE = 7/13/2011	DATE 07/08/11	REVISED -	REVISED -									



(A) LEFT ON GREEN ARROW ONLY
 R10-5
 24" x 30"
 8 REQUIRED

FILE NAME = P:\11385.000 - CRA IL Rte 21\Correspondence\IN\20110127-Handoff w Ref Files Ref\attach\DRAWING-3-Buckley.dgn	USER NAME = IDOT - District 01	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	TEMPORARY TRAFFIC SIGNAL INSTALLATION PLAN ILL RTE 21 (MILWAUKEE AVE.) AT ILL RTE 137 (BUCKLEY RD.) STAGE III		F.A. RTE. 330	SECTION 128R-3	COUNTY LAKE	TOTAL SHEETS 518	SHEET NO. 199	
PLOT SCALE = 48.0000' / 1"	CHECKED -	REVISED -	REVISED -		SCALE: 1"=20'	SHEET NO. 11 OF 41 SHEETS	STA. TO STA.	ILLINOIS FED. AID PROJECT				
PLOT DATE = 7/13/2011	DATE 07/08/11	REVISED -	REVISED -									
CONTRACT NO. 60953												



(A) LEFT ON GREEN ARROW ONLY
 R10-5
 24" x 30"
 8 REQUIRED

FILE NAME = P:\11386.000 - CRA IL Rte 21\Correspondence\IN\20110107-Handoff w Ref Files ReAttach\DRAWINGS\3A-Buckley.dgn	USER NAME = IDOT - District 01	DESIGNED -	REVISED -
PLOT SCALE = 48.0000' / in.	CHECKED -	REVISED -	REVISED -
PLOT DATE = 7/13/2011	DATE 07/08/11	REVISED -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TEMPORARY TRAFFIC SIGNAL INSTALLATION PLAN
 ILL RTE 21 (MILWAUKEE AVE.) AT ILL RTE 137 (BUCKLEY RD.)
 STAGE IIIA

SCALE: 1"=20' SHEET NO. 12 OF 41 SHEETS STA. TO STA.

F.A. RTE. 330	SECTION 128R-3	COUNTY LAKE	TOTAL SHEETS 518	SHEET NO. 200
ILLINOIS FED. AID PROJECT CONTRACT NO. 60953				