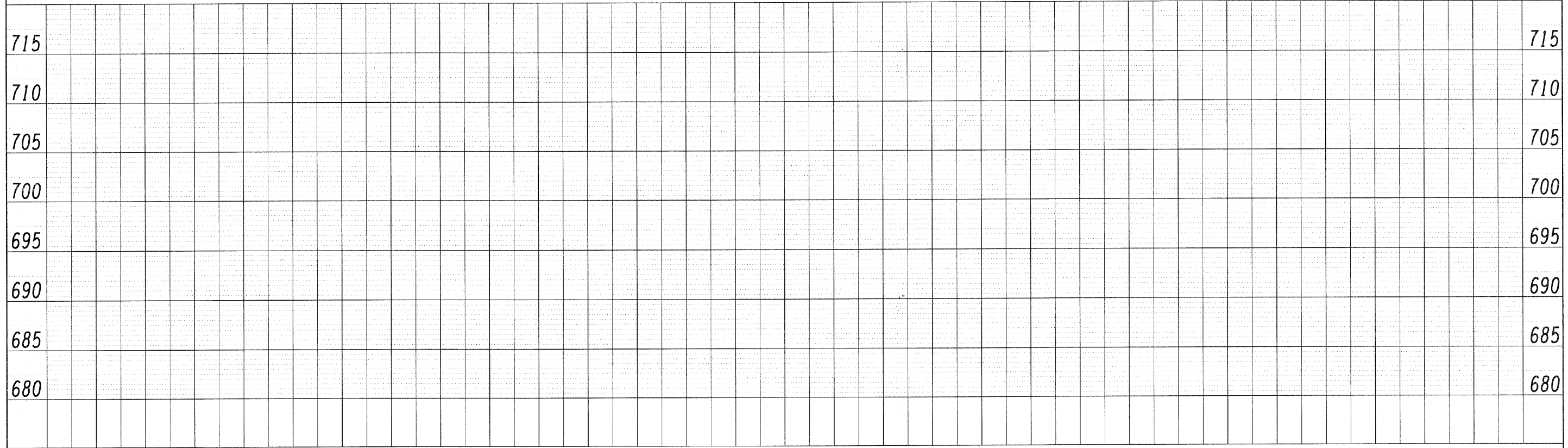
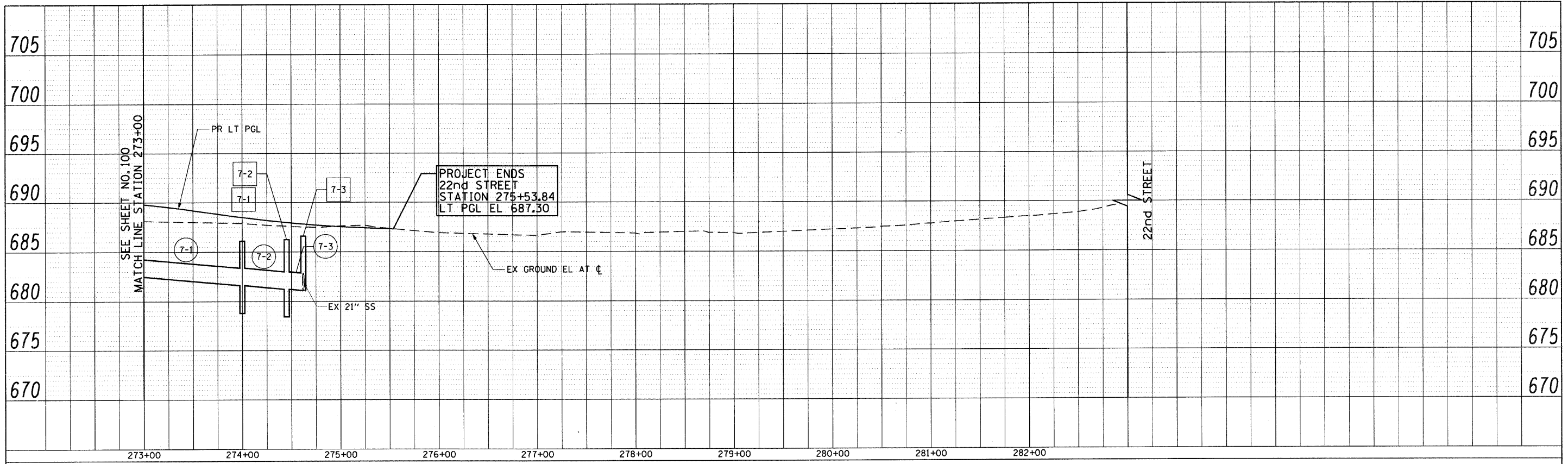


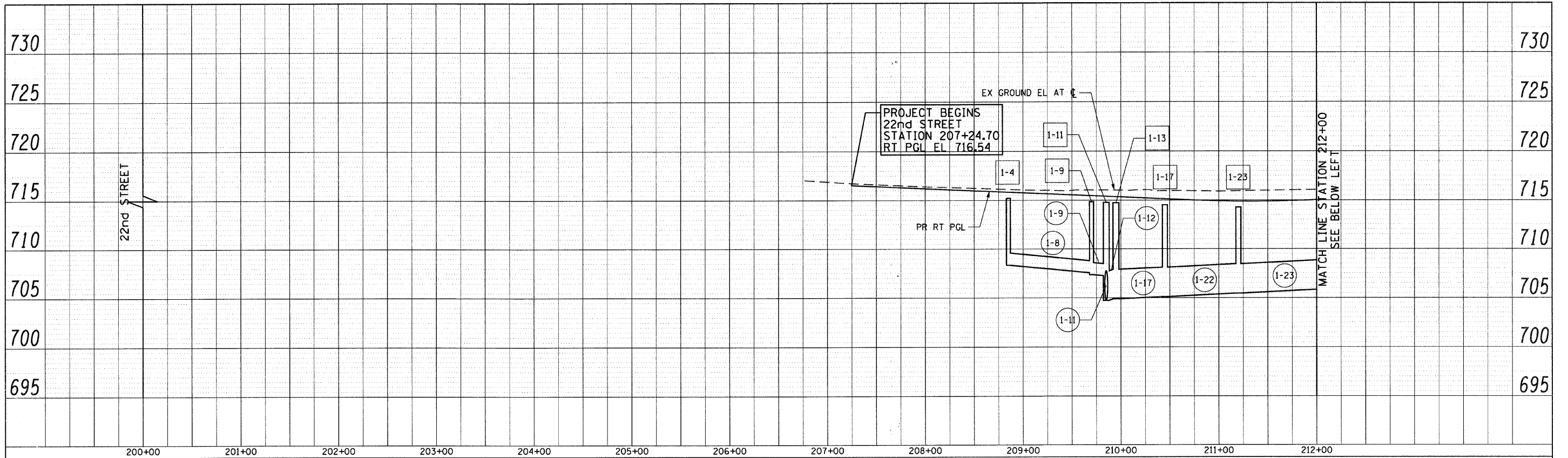
PLAN	SUBMITTED	DATE
	ALIGNED	
	CHECKED	
	BY	
	NO.	
	DATE	

PROFILE	SUBMITTED	DATE
	ALIGNED	
	CHECKED	
	BY	
	NO.	
	DATE	

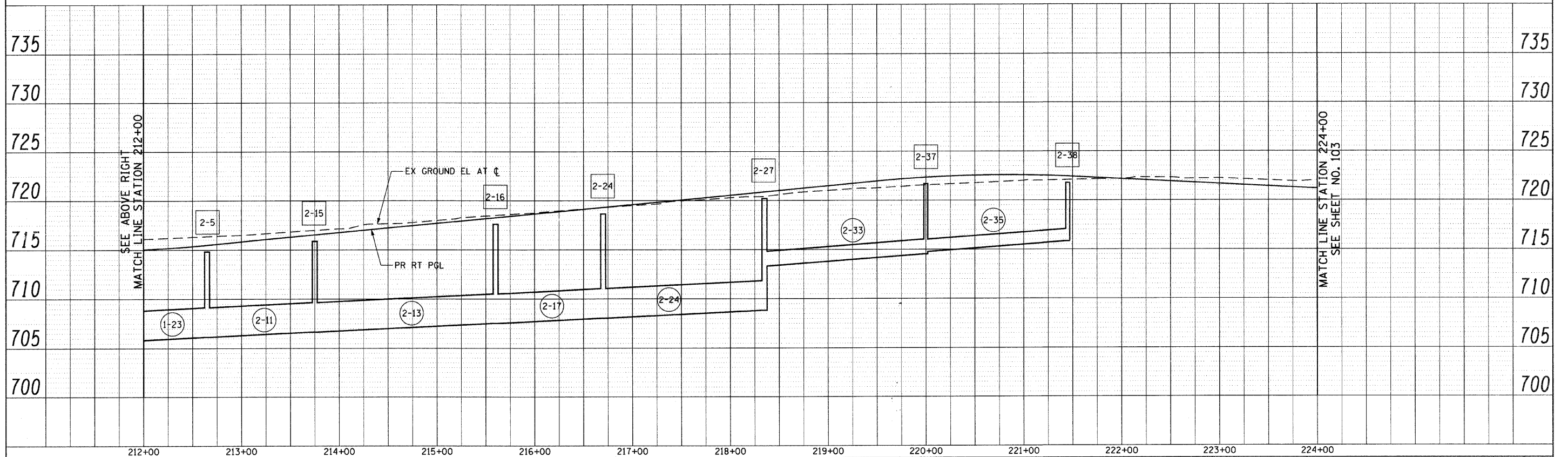


FILE NAME = g:\ch07\0061\road\sheets\DI60012-SHT-DRAIN-PROFILE-4.dgn	USER NAME = BAW\jrt	DESIGNED - JLV	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>22nd STREET DRAINAGE AND UTILITY PROFILES (LEFT)</b>	F.A.U. RTE. = 1453	SECTION = 55WRS	COUNTY =	TOTAL SHEETS = 362	SHEET NO. = 101	
PLOT SCALE = 50.0000' / IN.	CHECKED - JRH	REVISED -	SCALE: HORIZ: 1"=50'			SHEET NO. 105 OF 362 SHEETS	STA. 273+00 TO STA. 283+00	FED. ROAD DIST. NO. 7   ILLINOIS FED. AID PROJECT			
PLOT DATE = 8/5/2009	DATE - 07/24/2009	REVISED -									

PLAN	SURVEYED	BY	DATE
	ALIGNED		
	RT. OF WAY		
	CHECKED		
	NO.		
	FILE NAME		

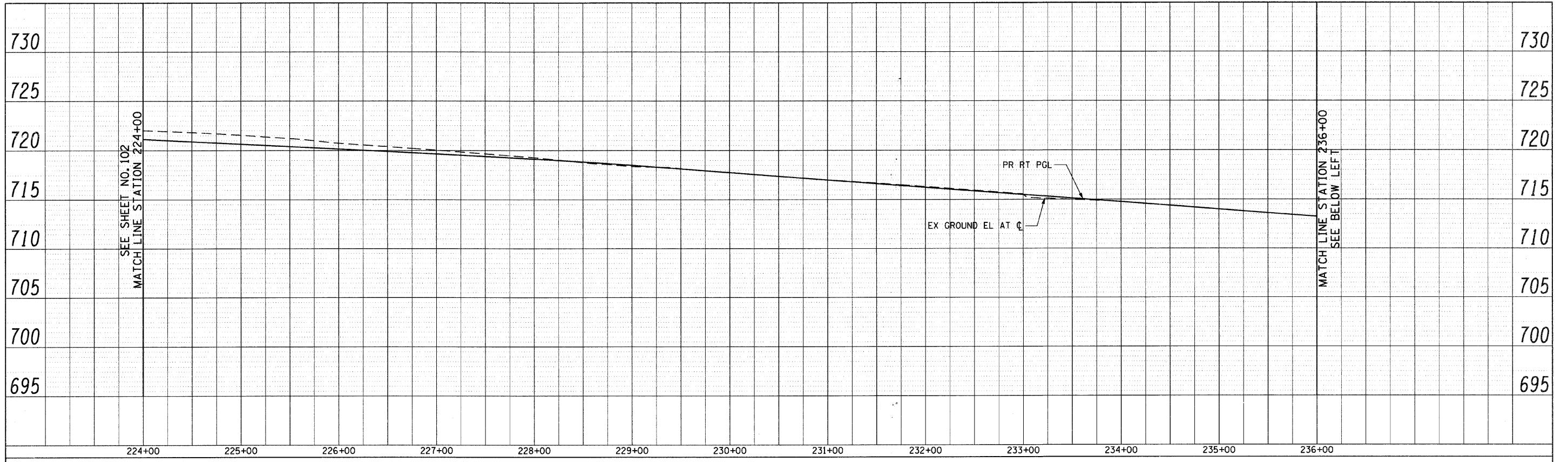


PROFILE	SURVEYED	BY	DATE
	PLOTTED		
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	NO.		
	STRUCTURE		
	NOTATION		
	CHKD		

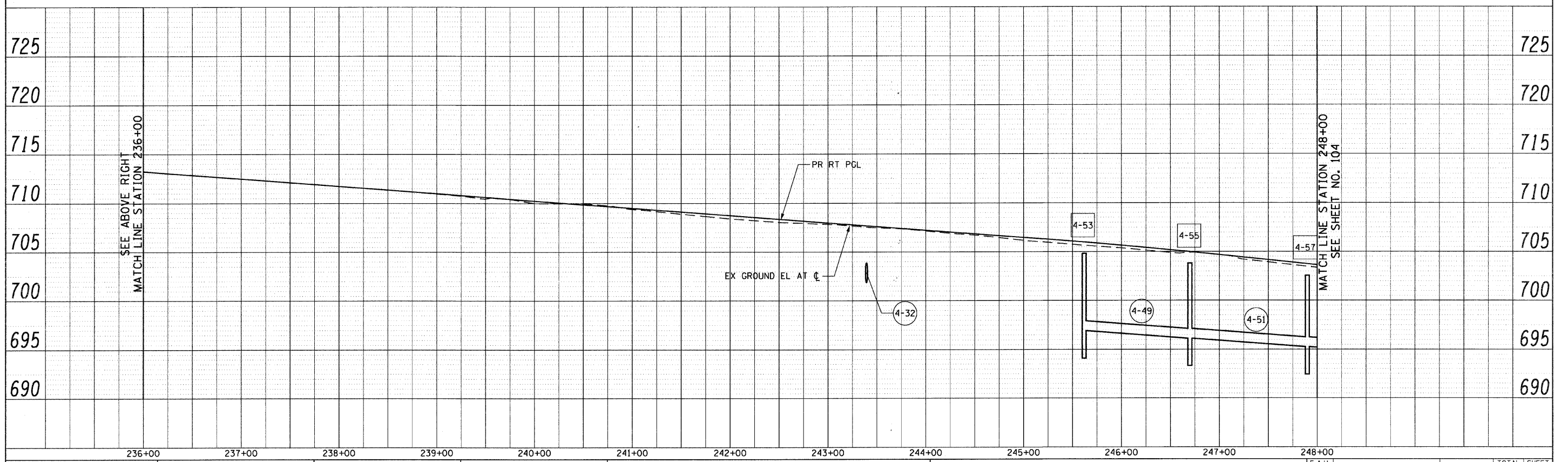


FILE NAME = g:\ch07\0061\road\sheet\DI60D12-SH1-DRAIN	USER NAME = BAW\tor.t	DESIGNED - JLV	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>22nd STREET DRAINAGE AND UTILITY PROFILES (RIGHT)</b>	F.A.U. RTE. 1453	SECTION 55WRS	COUNTY DuPAGE	TOTAL SHEETS 362	SHEET NO. 102	
PROFILE = 5.dgn	DRAWN - BAW	CHECKED - JRH	REVISED -			CONTRACT NO. 60D12					
PLOT SCALE = 50.0000' / IN.	DATE - 07/24/2009	REVISED -	REVISED -			FED. ROAD DIST. NO. 7 ILLINOIS FED. AID PROJECT					
PLOT DATE = 8/5/2009	DATE - 07/24/2009	REVISED -	REVISED -			SCALE: HORIZ: 1"=50' VERT: 1"=5'					

PLAN	STARTED	DATE
NOTE BOOK	ALIGNED	BY
NO.	RT. OF WAY CHECKED	
	ADD FILE NAME	

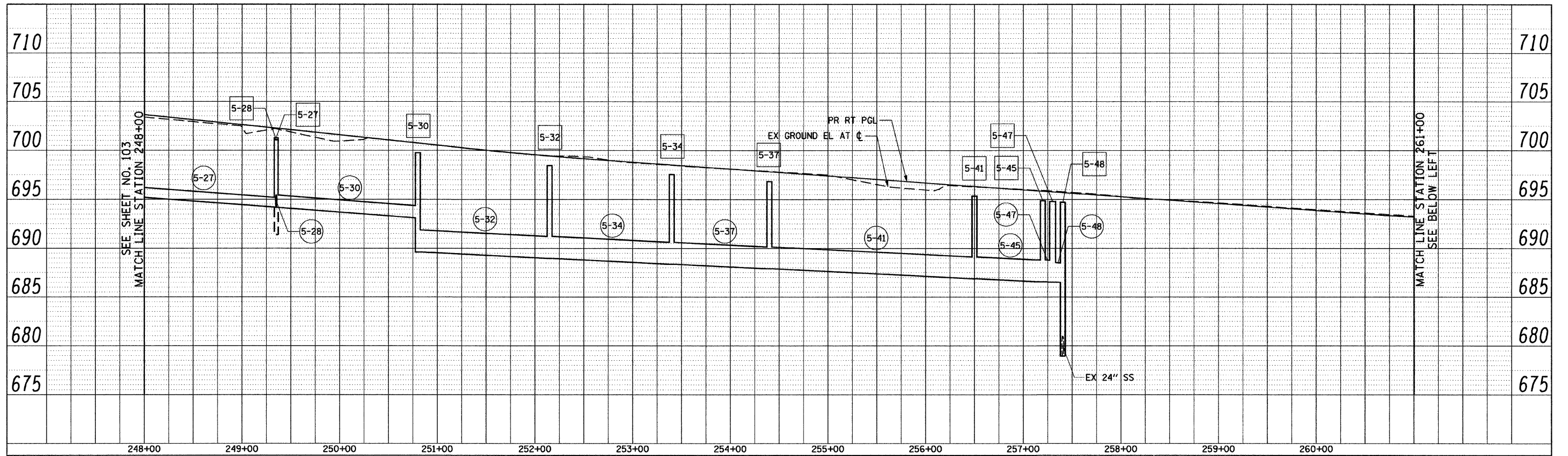


PROFILE	STARTED	DATE
NOTE BOOK	ALIGNED	BY
NO.	RT. OF WAY CHECKED	
	ADD FILE NAME	

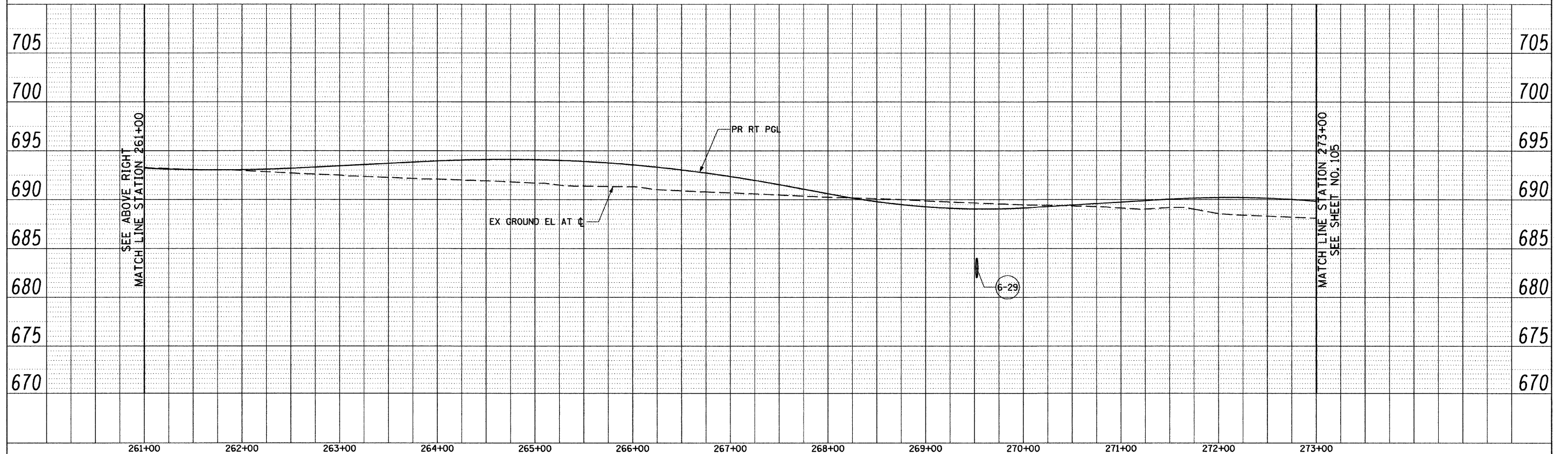


FILE NAME = g:\ch07\0061\road\sheet\0160012-SHT-09A1	USER NAME = BAW\jart	DESIGNED - JLV	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>22nd STREET DRAINAGE AND UTILITY PROFILES (RIGHT)</b>	F.A.U. RTE. 1453	SECTION 55WRS	COUNTY DuPAGE	TOTAL SHEETS 362	SHEET NO. 103	
PROFILE = 6.dgn	DRAWN - BAW	CHECKED - JRH	REVISED -			SCALE: HORIZ: 1"=50'	VERT: 1"=5'	SHEET NO. 99 OF 362 SHEETS	STA. 224+00 TO STA. 248+00	CONTRACT NO. 60D12	
PLT SCALE = 50.0000' / IN.	DATE - 07/24/2009	REVISED -				FED. ROAD DIST. NO. 7 ILLINOIS FED. AID PROJECT					
PLT DATE = 8/5/2009											

PLAN	REVISION	DATE
NO.	NO.	NO.
NOTE BOOK	ALIGNMENT CHECKED	
	PLOTTED	
	GRADE CHECKED	
	STRUCTURE NOTATIONS CHKO	
	FILE NAME	



PROFILE	REVISION	DATE
NO.	NO.	NO.
NOTE BOOK	GRADES CHECKED	
	PLOTTED	
	STRUCTURE NOTATIONS CHKO	
	FILE NAME	

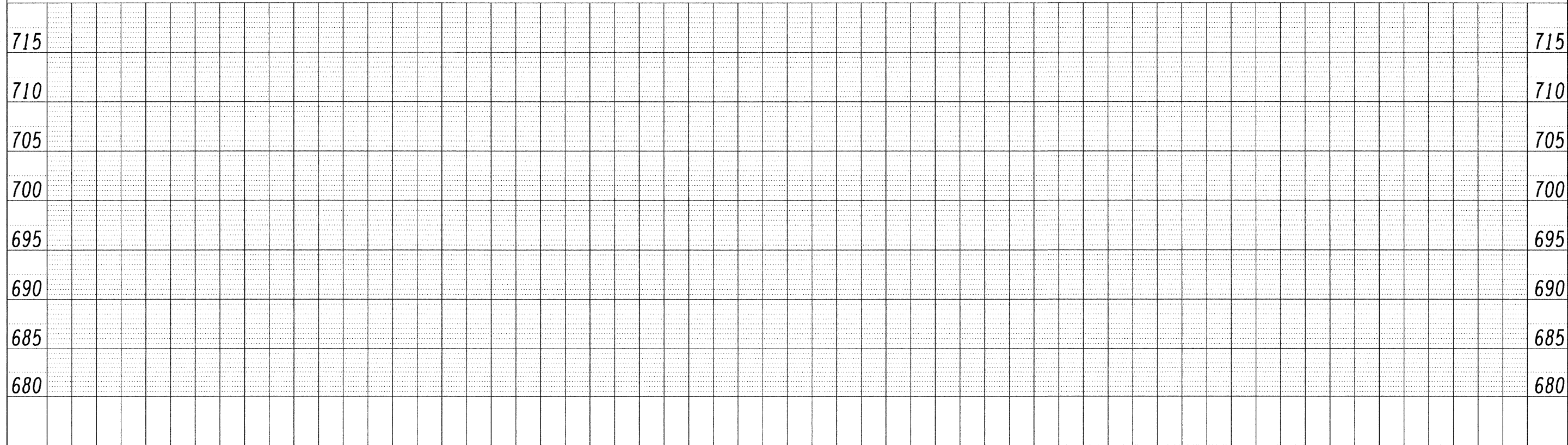
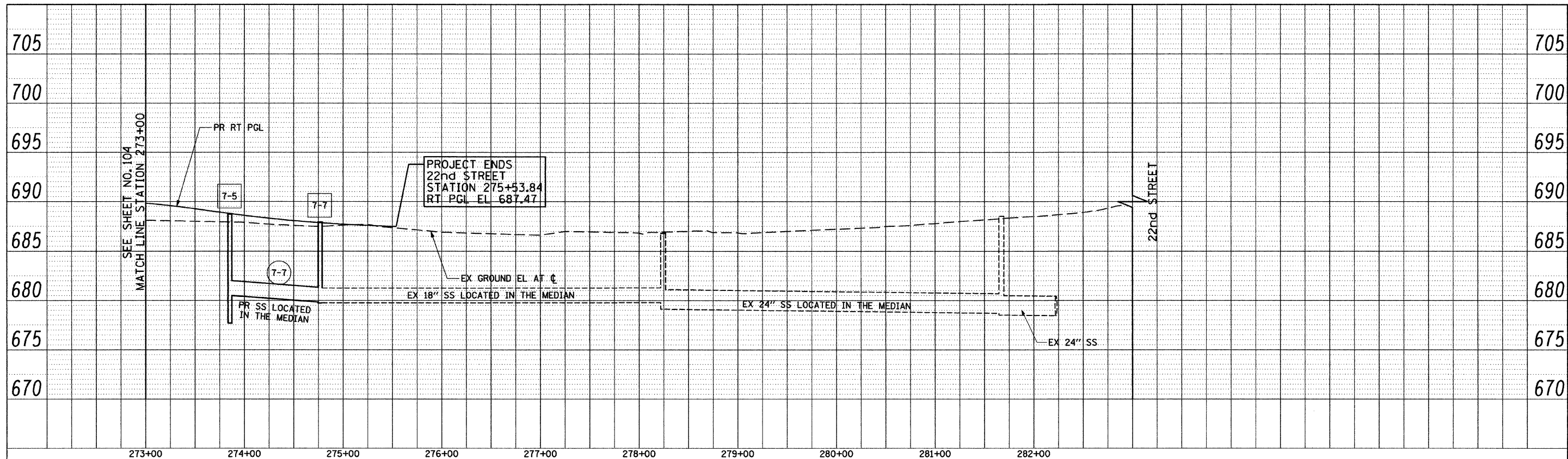


FILE NAME =	USER NAME = BAW\start	DESIGNED - JLJ	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>22nd STREET DRAINAGE AND UTILITY PROFILES (RIGHT)</b>	F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
g:\ch07\0061\road\sheets\0160012-SHT-DRAIN-PROFILE-7.dgn	PLOT SCALE = 50.0000' / IN.	DRAWN - BAW	REVISED -			1453	55WRS	DUPAGE	362	104
PLOT DATE = 3/31/2010	DATE - 4/1/2010	CHECKED - JRH	REVISED -			CONTRACT NO. 60D12				
		REVISIED -	REVISED -			FED. ROAD DIST. NO. 7 [ILLINOIS] FED. AID PROJECT				

SCALE: HORIZ: 1"=50' VERT: 1"=5' SHEET NO. 100 OF 362 SHEETS STA. 248+00 TO STA. 273+00

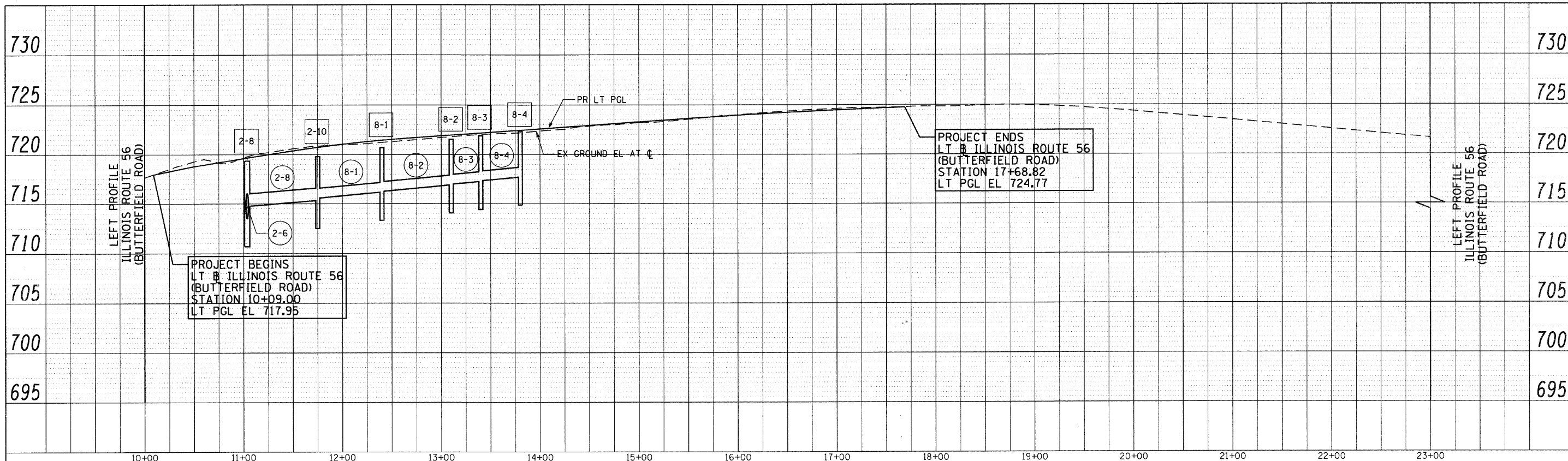
DATE	
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NOTE BOOK	
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DATE	
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REVIEWED	
PLANNED	
GRADES CHECKED	
STRUCTURE	
NOTATIONS CHECKED	
NOTE BOOK	
NO.	

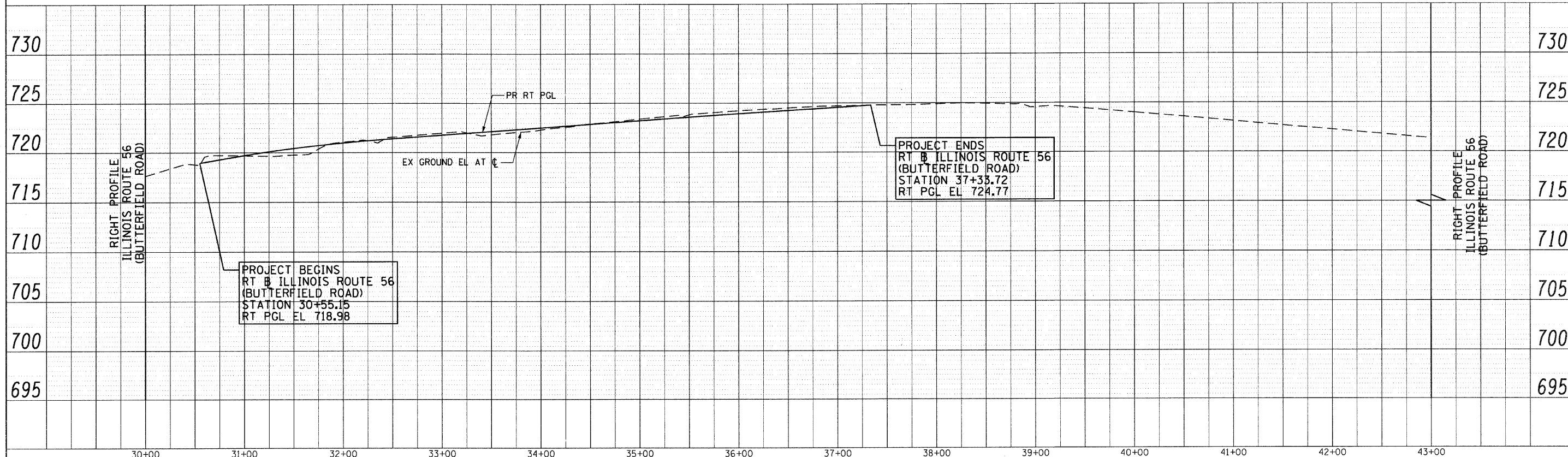


FILE NAME = gr\ch07\2061\road\sheets\0160012-SHT-DRAIN-PROFILE-8.dgn	USER NAME = BAW\jart	DESIGNED - JLV	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>22nd STREET DRAINAGE AND UTILITY PROFILES (RIGHT)</b>	F.A.U. RTE. 1453	SECTION 55WRS	COUNTY DUPAGE	TOTAL SHEETS 362	SHEET NO. 105	
PLOT SCALE = 50,00000 ' / IN.	CHECKED - JRH	REVISED -	SCALE: HORIZ: 1"=50'			SHEET NO. 101 OF 362 SHEETS	STA. 273+00 TO STA. 283+00	FED. ROAD DIST. NO. 7 ILLINOIS FED. AID PROJECT		CONTRACT NO. 60D12	
PLOT DATE = 3/31/2010	DATE - 4/1/2010	REVISED -									

DATE  
BY  
SURVEYED  
PLOTTED  
AT CORNER  
PL. OF WAY CHECKED  
NOTE BOOK  
NO.



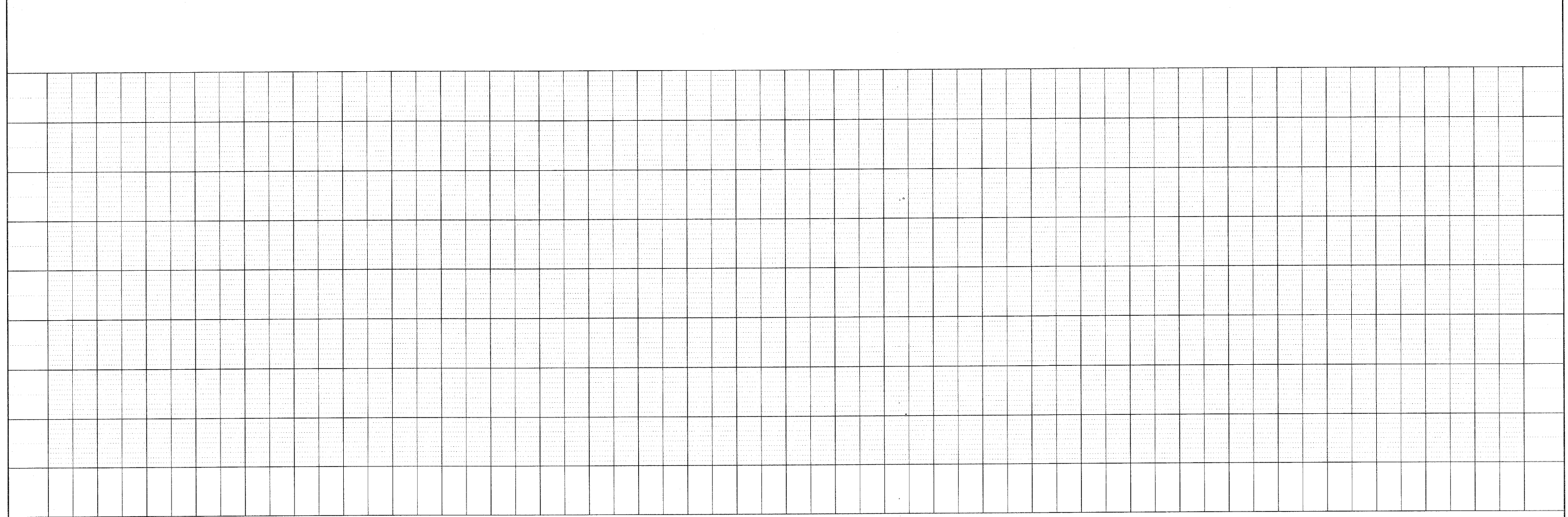
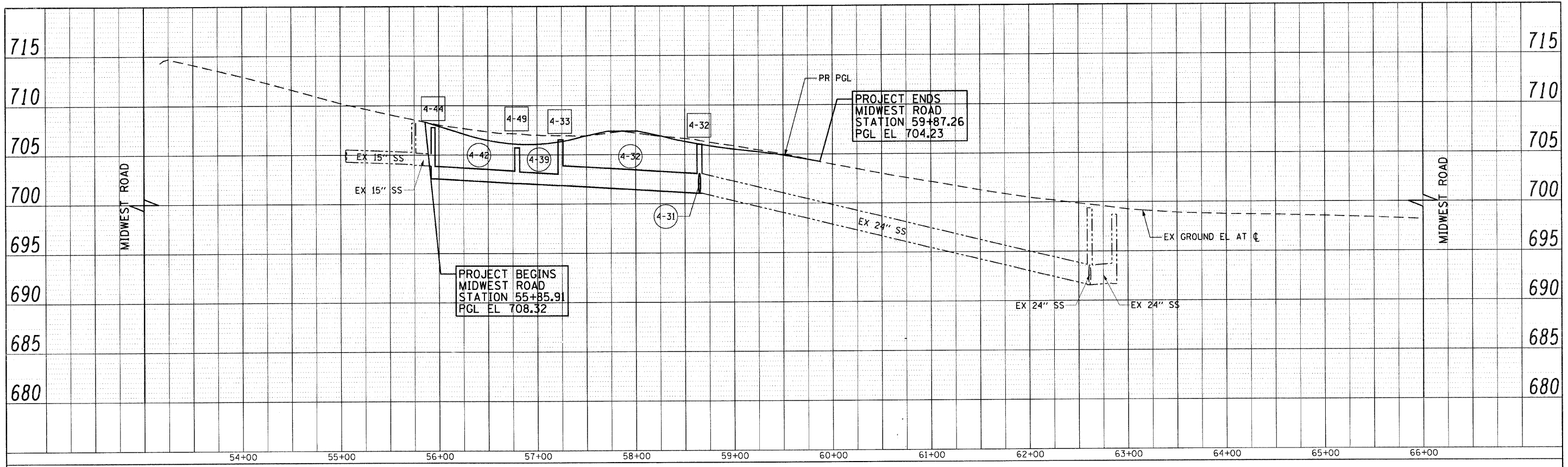
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SURVEYED  
PLOTTED  
AT CORNER  
PL. OF WAY CHECKED  
NOTE BOOK  
NO.



FILE NAME = g:\ch07\0061\road\sheet\1160012-SHT-DRAIN	USER NAME = BAW\jrt -PROFILE-9.dgn	DESIGNED - JLV DRAWN - BAW	REVISED - REVISED - REVISED - REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	ILLINOIS ROUTE 56 (BUTTERFIELD ROAD) DRAINAGE AND UTILITY PROFILES	F.A.U. RTE. 1453	SECTION 55WRS	COUNTY DuPAGE	TOTAL SHEETS 362	SHEET NO. 106
PLOT SCALE = 50.000000 1/ IN.	CHECKED - JRH	DATE - 07/24/2009	SCALE: HORIZ. 1"=50' VERT. 1"=5'			SHEET NO. 106 OF 362 SHEETS	STA. 30+00 TO STA. 43+00	FED. ROAD DIST. NO. 7   ILLINOIS FED. AID PROJECT		

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



FILE NAME = sr\ch87\2001\road\sheets\016012-SHT-DRA1	USER NAME = BAW\jrt	DESIGNED - JLV	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>MIDWEST ROAD DRAINAGE AND UTILITY PROFILES</b>	F.A.J. RTE. 1453	SECTION 55WRS	COUNTY DuPAGE	TOTAL SHEETS 362	SHEET NO. 107	
PLOT SCALE = 50,0000' / IN.	CHECKED - JRH	REVISIED -	SCALE: HORIZ: 1"=50'			SHEET NO. 107 OF 362 SHEETS	STA. 53+00 TO STA. 66+00	CONTRACT NO. 60D12		FED. ROAD DIST. NO. 7	ILLINOIS FED. AID PROJECT
PLOT DATE = 8/5/2009	DATE - 07/24/2009	REVISIED -									

DRAINAGE SHEET STA 200+00 TO STA 212+00 (SEE SHEET 89)

STRUCTURE NUMBER	STATION	OFFSET	TYPE	FRAME & GRATE	RIM ELEVATION	INVERT ELEVATIONS							
						NORTH	NORTHEAST	EAST	SOUTHEAST	SOUTH	SOUTHWEST	WEST	NORTHWEST
1-1			NOT USED										
1-2	208+85.0	3.0' RT	INLETS, TYPE A	TYPE 11V FRAME AND GRATE	716.05					711.91			
1-3	208+85.0	48.3' RT	CB, TYPE A, 4'-DIAMETER	TYPE 24 FRAME AND GRATE	715.02	711.48				711.38			
1-4	208+85.0	60.3' RT	MH, TYPE A, 4'-DIAMETER	TYPE 1 FRAME, CLOSED LID	715.21	711.33		708.33		709.01			
1-5	208+85.0	81.3' RT	PRC FES 15	NONE		709.19							
1-6	209+85.0	96.0' RT	MH, TYPE A, 5'-DIAMETER	TYPE 1 FRAME, CLOSED LID	710.20	704.62				704.62			
1-7	209+70.0	1.3' LT	INLETS, TYPE A	TYPE 11V FRAME AND GRATE	715.94					711.73			
1-8	209+70.0	50.4' RT	CB, TYPE A, 4'-DIAMETER	TYPE 24 FRAME AND GRATE	714.65	711.23				711.13			
1-9	209+70.0	62.4' RT	MH, TYPE A, 4'-DIAMETER	TYPE 1 FRAME, CLOSED LID	714.84	711.08		707.33				707.53	
1-10	209+85.0	85.2' LT	PRC FES 36	GRATING						708.33			
1-11	209+85.0	62.8' RT	MH, TYPE A, 6'-DIAMETER	TYPE 1 FRAME, CLOSED LID	714.77	704.73		704.73		704.73		707.23	
1-12	209+85.0	109.8' RT	PRC FES 36	GRATING		704.57							
1-13	209+95.0	63.1' RT	MH, TYPE A, 6'-DIAMETER	2 TYPE 1 FRAME, CLOSED LID, RESTRICTOR PLATE	714.73			704.89				704.89	
1-14	210+30.0	4.9' LT	INLETS, TYPE A	TYPE 11V FRAME AND GRATE	715.88			712.41					
1-15	210+45.0	5.8' LT	CB, TYPE A, 4'-DIAMETER	TYPE 11V FRAME AND GRATE	715.88					711.29		712.29	
1-16	210+45.0	52.3' RT	CB, TYPE A, 4'-DIAMETER	TYPE 24 FRAME AND GRATE	714.32	710.74				710.64			
1-17	210+45.0	64.3' RT	MH, TYPE A, 5'-DIAMETER	TYPE 1 FRAME, CLOSED LID	714.51	710.60		705.10		710.04		705.10	
1-18	210+45.0	77.8' RT	PRC FES 15	NONE		710.17							
1-19	211+75.0	9.0' LT	INLETS, TYPE A	TYPE 11V FRAME AND GRATE	716.04							712.30	
1-20	211+20.0	9.0' LT	CB, TYPE A, 4'-DIAMETER	TYPE 11V FRAME AND GRATE	715.92			711.78		711.03			
1-21	211+20.0	54.2' RT	CB, TYPE A, 4'-DIAMETER	TYPE 24 FRAME AND GRATE	714.08	710.44		710.44		710.24			
1-22	211+33.5	54.5' RT	INLETS, TYPE A	TYPE 24 FRAME AND GRATE	714.07							710.54	
1-23	211+20.0	66.2' RT	MH, TYPE A, 5'-DIAMETER	TYPE 1 FRAME, CLOSED LID	714.27	710.20		705.45				705.45	

NOTE:

- FOR RESTRICTOR MANHOLE DETAILS SEE SHEET NO. 253.

FILE NAME = g:\ch07\0061\road\sheet\DI6012-SHT-ST	USER NAME = BAW\ter-t	DESIGNED - JLV	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>DRAINAGE STRUCTURE SCHEDULE</b>	F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
	-l.dgn	DRAWN - BAW	REVISED -			1453	55WRS	DUPAGE	362	108	
	PLOT SCALE = 50.0000' / IN.	CHECKED - JRH	REVISED -			CONTRACT NO. 60D12					
	PLOT DATE = 8/5/2009	DATE - 07/24/2009	REVISED -			SCALE: NONE		SHEET NO. 108 OF 362 SHEETS		FED. ROAD DIST. NO. 7 (ILLINOIS) FED. AID PROJECT	



DRAINAGE SHEET STA 212+00 TO STA 224+00 (SEE SHEET 90)

STRUCTURE NUMBER	STATION	OFFSET	TYPE	FRAME & GRATE	RIM ELEVATION	INVERT ELEVATIONS							
						NORTH	NORTHEAST	EAST	SOUTHEAST	SOUTH	SOUTHWEST	WEST	NORTHWEST
2-1	212+20.0	9.0' LT	INLETS, TYPE A	TYPE 11V FRAME AND GRATE	716.18			712.57					
2-2	212+65.0	9.0' LT	CB, TYPE A, 4'-DIAMETER	TYPE 11V FRAME AND GRATE	716.46			712.90		711.65		712.15	
2-3	213+10.0	9.0' LT	INLETS, TYPE A	TYPE 11V FRAME AND GRATE	716.83							713.32	
2-4	212+65.0	57.0' RT	CB, TYPE A, 4'-DIAMETER	TYPE 24 FRAME AND GRATE	714.62	711.03				710.93			
2-5	212+65.0	69.0' RT	MH, TYPE A, 5'-DIAMETER	TYPE 1 FRAME, CLOSED LID	714.81	710.89		706.14				706.14	
2-6	213+00.0	78.0' LT	PRC FES EQ RS 36	GRATING				712.87					
2-7	213+64.2	75.6' LT	CB, TYPE A, 6'-DIAMETER	TYPE 24 FRAME AND GRATE	718.01			712.93				712.93	
2-8	11+03.7	26.0' RT	CB, TYPE A, 5'-DIAMETER	TYPE 11V FRAME AND GRATE	719.35	714.76		713.51				713.51	
2-9			NOT USED										
2-10	11+75.0	26.0' RT	CB, TYPE A, 4'-DIAMETER	TYPE 11V FRAME AND GRATE	719.78		715.58				715.33		
2-11	215+28.7	63.2' LT	CB, TYPE A, 5'-DIAMETER	TYPE 24 FRAME AND GRATE	719.45			713.79				713.79	
2-12	215+80.4	70.8' LT	CB, TYPE A, 5'-DIAMETER	TYPE 24 FRAME AND GRATE	719.27	714.03						714.03	715.78
2-13	215+96.6	99.3' LT	MH, TYPE A, 5'-DIAMETER	TYPE 1 FRAME, CLOSED LID	719.25		715.21 (EX)		715.47	714.18			714.66
2-14	213+75.0	57.0' RT	CB, TYPE C	TYPE 24 FRAME AND GRATE	715.66					712.21			
2-15	213+75.0	69.0' RT	MH, TYPE A, 5'-DIAMETER	TYPE 1 FRAME, CLOSED LID	715.85	712.15		706.66				706.65	
2-16	215+60.0	69.0' RT	MH, TYPE A, 5'-DIAMETER	TYPE 1 FRAME, CLOSED LID	717.60	713.78		707.53		710.78		707.53	
2-17	215+60.0	57.0' RT	CB, TYPE C	TYPE 24 FRAME AND GRATE	717.41					713.84			
2-18	215+60.0	83.2' RT	CB, TYPE A, 4'-DIAMETER	TYPE 8 GRATE	714.30	710.89						711.09	
2-19	214+90.5	81.5' RT	INLETS, TYPE A	TYPE 11V FRAME AND GRATE	716.23			711.73					
2-20	215+89.3	13.0' RT	INLETS, TYPE A	TYPE 11V FRAME AND GRATE	718.66			715.22					
2-21	216+30.0	13.0' RT	CB, TYPE A, 4'-DIAMETER	TYPE 11V FRAME AND GRATE	719.00			714.75				714.85	
2-22	216+70.0	12.8' RT	CB, TYPE A, 4'-DIAMETER	TYPE 11V FRAME AND GRATE	719.32			715.59		714.09		714.39	
2-23	216+70.0	56.8' RT	CB, TYPE A, 4'-DIAMETER	TYPE 24 FRAME AND GRATE	718.45	713.69				713.59			
2-24	216+70.0	68.8' RT	MH, TYPE A, 5'-DIAMETER	TYPE 1 FRAME, CLOSED LID	718.64	713.55		708.05				708.05	
2-25	217+25.0	11.4' RT	CB, TYPE A, 4'-DIAMETER	TYPE 11V FRAME AND GRATE	719.77			716.20				716.10	
2-26	217+80.0	8.0' RT	INLETS, TYPE A	TYPE 11V FRAME AND GRATE	720.28							716.72	
2-27	218+35.0	65.0' RT	MH, TYPE A, 5'-DIAMETER	TYPE 1 FRAME, CLOSED LID	720.20	715.83		713.33				708.83	
2-28	218+35.0	53.0' RT	CB, TYPE A, 4'-DIAMETER	TYPE 24 FRAME AND GRATE	720.01	716.12				715.87			
2-29	218+35.0	3.2' RT	CB, TYPE A, 4'-DIAMETER	TYPE 11V FRAME AND GRATE	720.80			716.78		716.58			
2-30	218+60.0	1.1' RT	CB, TYPE A, 4'-DIAMETER	TYPE 11V FRAME AND GRATE	721.03			717.19		717.49		716.99	
2-31	218+60.0	8.0' RT	CB, TYPE C	TYPE 8 GRATE	721.40	717.51							
2-32	218+90.0	1.5' LT	CB, TYPE A, 4'-DIAMETER	TYPE 11V FRAME AND GRATE	721.32			717.55				717.45	
2-33	219+20.0	4.1' LT	CB, TYPE A, 4'-DIAMETER	TYPE 11V FRAME AND GRATE	721.60			717.92				717.82	
2-34	219+55.0	7.1' LT	CB, TYPE A, 4'-DIAMETER	TYPE 11V FRAME AND GRATE	721.96			718.33				718.23	
2-35	219+90.0	10.1' LT	INLETS, TYPE A	TYPE 11V FRAME AND GRATE	722.25							718.65	
2-36	220+00.0	85.8' RT	PRC FES 15	NONE		715.50							
2-37	220+00.0	65.0' RT	MH, TYPE A, 4'-DIAMETER	TYPE 1 FRAME, CLOSED LID	721.67			714.77		715.31		714.52	
2-38	221+45.0	65.0' RT	MH, TYPE A, 4'-DIAMETER	TYPE 1 FRAME, CLOSED LID	721.75	716.06		716.06				715.81	
2-39	221+95.4	88.0' RT	CB, TYPE A, 4'-DIAMETER	TYPE 23 FRAME AND GRATE	719.77			716.54				716.44	
2-40	222+35.4	88.0' RT	INLETS, TYPE A	TYPE 23 FRAME AND GRATE	719.61							716.81	
2-41	221+45.0	15.0' LT	CB, TYPE A, 4'-DIAMETER	TYPE 11V FRAME AND GRATE	722.42			716.99		716.79			
2-42	221+75.0	15.0' LT	CB, TYPE A, 4'-DIAMETER	TYPE 11V FRAME AND GRATE	722.27			717.35				717.25	
2-43	222+05.0	15.0' LT	CB, TYPE A, 4'-DIAMETER	TYPE 11V FRAME AND GRATE	722.12			717.81		718.61		717.61	
2-44	222+05.0	5.9' LT	CB, TYPE C	TYPE 8 GRATE	722.49	718.65							
2-45	222+35.0	15.0' LT	CB, TYPE A, 4'-DIAMETER	TYPE 11V FRAME AND GRATE	721.97			718.17				718.07	
2-46	222+63.9	15.0' LT	INLETS, TYPE A	TYPE 11V FRAME AND GRATE	721.83							718.43	
2-47	218+92.0	79.2' LT	PRC FES 18	NONE				718.21					
2-48	219+71.0	80.1' LT	PRC FES 18	NONE								718.61	
2-49	216+20.0	79.8' LT	PRC FES 18	NONE									715.75
2-50	31+48.8	55.8' RT	PRC FES 18	NONE					714.94				
2-51	215+71.0	82.2' LT	INLETS, TYPE A	TYPE 24 FRAME AND GRATE	719.35			715.89					

NOTE:

- FOR RESTRICTOR MANHOLE DETAILS SEE SHEET NO. 253.

FILE NAME =	USER NAME = BAWisort	DESIGNED - JLV	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>DRAINAGE STRUCTURE SCHEDULE</b>	F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
g:\ch27\0061\road\sheet\0168012-SHT-STF	l.dgn	DRAWN - BAW	REVISED -			1453	55WRS	DuPAGE	362	109
PLOT SCALE = 50.0000' / IN.	CHECKED - JRH	REVISED -				CONTRACT NO. 60D12				
PLOT DATE = 6/5/2009	DATE - 07/24/2009	REVISED -				SCALE: NONE SHEET NO. 109 OF 362 SHEETS			FED. ROAD DIST. NO. 7 [ILLINOIS] FED. AID PROJECT	

DRAINAGE SHEET STA 224+00 TO STA 236+00 (SEE SHEET 91)

STRUCTURE NUMBER	STATION	OFFSET	TYPE	FRAME & GRATE	RIM ELEVATION	INVERT ELEVATIONS							
						NORTH	NORTHEAST	EAST	SOUTHEAST	SOUTH	SOUTHWEST	WEST	NORTHWEST
3-1	224+50.0	53.0' RT	INLETS, TYPE A	TYPE 24 FRAME AND GRATE	720.04	716.59							
3-2	224+50.0	1.3' RT	CB, TYPE A, 4'-DIAMETER	TYPE 11V FRAME AND GRATE	720.82	716.02				716.12			
3-3	224+50.0	53.0' LT	CB, TYPE A, 4'-DIAMETER	TYPE 24 FRAME AND GRATE	720.04	715.37				715.47			
3-4	224+50.0	65.0' LT	MH, TYPE A, 4'-DIAMETER	TYPE 1 FRAME, CLOSED LID	720.23	715.82			714.57	715.32			
3-5	224+50.0	74.6' LT	CB, TYPE A, 4'-DIAMETER	TYPE 8 GRATE	718.80				716.08	715.88			
3-6	225+11.9	74.6' LT	MH, TYPE A, 4'-DIAMETER	TYPE 1 FRAME, CLOSED LID	720.65	717.95 (EX)						716.66	
3-7	225+75.0	65.0' LT	MH, TYPE A, 5'-DIAMETER	TYPE 1 FRAME, CLOSED LID	719.60				713.67	713.67		713.67	
3-8	225+75.0	53.0' LT	CB, TYPE A, 4'-DIAMETER	TYPE 24 FRAME AND GRATE	719.41	713.71				713.71			
3-9	225+75.0	8.6' LT	CB, TYPE A, 4'-DIAMETER	TYPE 11V FRAME AND GRATE	720.34	714.16				714.16			
3-10	225+75.0	53.0' RT	CB, TYPE A, 4'-DIAMETER	TYPE 24 FRAME AND GRATE	719.41	714.73				714.73			
3-11	225+75.0	82.4' RT	CB, TYPE C	TYPE 8 GRATE	716.87	714.98							
3-12	226+90.0	74.2' LT	CB, TYPE C	TYPE 8 GRATE	717.67					715.67			
3-13	226+90.0	65.0' LT	MH, TYPE A, 5'-DIAMETER	TYPE 1 FRAME, CLOSED LID	719.03	715.60			712.85	713.85		712.85	
3-14	226+90.0	53.0' LT	CB, TYPE A, 4'-DIAMETER	TYPE 24 FRAME AND GRATE	718.84	713.89				713.99			
3-15	226+90.0	9.0' LT	CB, TYPE A, 4'-DIAMETER	TYPE 11V FRAME AND GRATE	719.64	714.39				714.49			
3-16	226+90.0	53.0' RT	INLETS, TYPE A	TYPE 24 FRAME AND GRATE	718.84	715.11							
3-17	227+47.0	65.0' LT	MH, TYPE A, 5'-DIAMETER	TYPE 1 FRAME, CLOSED LID	718.74				712.46	715.89 (EX)		712.46	
3-18	228+25.0	65.0' LT	MH, TYPE A, 5'-DIAMETER	TYPE 1 FRAME, CLOSED LID	718.33	713.41				711.91		711.91	
3-19	228+25.0	73.2' LT	CB, TYPE A, 4'-DIAMETER	TYPE 8 GRATE	717.13				713.65	713.45			
3-20	228+82.1	84.0' LT	INLETS, TYPE A	TYPE 23 FRAME AND GRATE	717.20							714.21	
3-21	228+25.0	53.0' LT	CB, TYPE A, 4'-DIAMETER	TYPE 24 FRAME AND GRATE	718.14	711.95				711.95			
3-22	228+25.0	9.0' LT	CB, TYPE A, 4'-DIAMETER	TYPE 11V FRAME AND GRATE	718.94	712.35				712.35			
3-23	228+25.0	53.0' RT	CB, TYPE A, 4'-DIAMETER	TYPE 24 FRAME AND GRATE	718.14	712.97				712.97			
3-24	228+25.0	72.4' RT	CB, TYPE A, 4'-DIAMETER	TYPE 8 GRATE	716.74	713.09						713.09	
3-25	228+92.3	83.0' RT	CB, TYPE A, 4'-DIAMETER	TYPE 11V FRAME AND GRATE	717.31				713.72			713.72	
3-26	229+29.0	83.0' RT	INLETS, TYPE A	TYPE 11V FRAME AND GRATE	716.97							714.08	
3-27	230+65.0	77.0' LT	MH, TYPE A, 5'-DIAMETER	TYPE 1 FRAME, CLOSED LID	716.30				710.14	712.39		710.14	
3-28	230+65.0	65.0' LT	CB, TYPE C	TYPE 24 FRAME AND GRATE	716.10	712.45							
3-29	231+75.0	72.6' LT	MH, TYPE A, 5'-DIAMETER	TYPE 1 FRAME, CLOSED LID	715.58				709.36	710.36		709.36	
3-30	231+75.0	60.6' LT	CB, TYPE A, 4'-DIAMETER	TYPE 24 FRAME AND GRATE	715.39	710.40				710.65			
3-31	231+75.0	7.1' RT	CB, TYPE A, 4'-DIAMETER	TYPE 11V FRAME AND GRATE	716.42	711.32				711.42			
3-32	231+75.0	53.0' RT	CB, TYPE A, 4'-DIAMETER	TYPE 24 FRAME AND GRATE	715.59	711.84				711.94			
3-33	231+75.0	71.9' RT	CB, TYPE C	TYPE 8 GRATE	714.30	712.08							
3-34	233+25.0	65.0' LT	MH, TYPE A, 5'-DIAMETER	TYPE 1 FRAME, CLOSED LID	714.65				708.27	709.77		708.27	
3-35	233+25.0	53.0' LT	CB, TYPE A, 4'-DIAMETER	TYPE 24 FRAME AND GRATE	714.46	709.81				709.91			
3-36	233+25.0	4.1' LT	CB, TYPE A, 4'-DIAMETER	TYPE 11V FRAME AND GRATE	715.46	710.40				710.50			
3-37	233+25.0	53.0' RT	INLETS, TYPE A	TYPE 24 FRAME AND GRATE	714.46	711.03							
3-38	234+75.0	65.0' LT	MH, TYPE A, 5'-DIAMETER	TYPE 1 FRAME, CLOSED LID	713.52				705.18	708.68		707.18	
3-39	234+75.0	53.0' LT	CB, TYPE A, 4'-DIAMETER	TYPE 24 FRAME AND GRATE	713.33	708.72				708.82			
3-40	234+75.0	53.0' RT	INLETS, TYPE A	TYPE 24 FRAME AND GRATE	713.33	709.88							

NOTE:

- FOR RESTRICTOR MANHOLE DETAILS SEE SHEET NO. 253.

FILE NAME = g:\ch07\0061\road\sheet\0168012-SHT-SHT	USER NAME = BAW\jort	DESIGNED - JLV	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>DRAINAGE STRUCTURE SCHEDULE</b>	F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
		DRAWN - BAW	REVISED -			1453	55WRS	DUPAGE	362	110	
		CHECKED - JRH	REVISED -			CONTRACT NO. 60D12					
		DATE - 07/24/2009	REVISED -			FED. ROAD DIST. NO. 7 [ILLINOIS] FED. AID PROJECT					
		PLOT SCALE = 50,0000' / IN.		SCALE: NONE SHEET NO. 110 OF 362 SHEETS							
		PLOT DATE = 8/5/2009									

DRAINAGE SHEET STA 236+00 TO STA 248+00 (SEE SHEET 92)

STRUCTURE NUMBER	STATION	OFFSET	TYPE	FRAME & GRATE	RIM ELEVATION	INVERT ELEVATIONS							
						NORTH	NORTHEAST	EAST	SOUTHEAST	SOUTH	SOUTHWEST	WEST	NORTHWEST
4-1	236+15.0	53.0' RT	INLETS, TYPE A	TYPE 24 FRAME AND GRATE	712.27	708.70							
4-2	236+15.0	53.0' LT	CB, TYPE A, 4'-DIAMETER	TYPE 24 FRAME AND GRATE	712.27	707.54					707.64		
4-3	236+15.0	65.0' LT	MH, TYPE A, 5'-DIAMETER	TYPE 1 FRAME, CLOSED LID	712.46	708.25			704.50		707.50		704.50
4-4	236+15.0	74.9' LT	CB, TYPE C	TYPE 8 GRATE	710.24						708.33		
4-5	237+45.0	65.0' LT	MH, TYPE A, 5'-DIAMETER	TYPE 1 FRAME, CLOSED LID	711.48				703.88		707.63		703.88
4-6	237+45.0	53.0' LT	CB, TYPE C	TYPE 24 FRAME AND GRATE	711.29	707.69							
4-7	238+30.0	65.0' LT	MH, TYPE A, 5'-DIAMETER	TYPE 1 FRAME, CLOSED LID	710.84	706.73			703.48		704.23		703.48
4-8	238+30.0	74.6' LT	CB, TYPE C	TYPE 8 GRATE	708.59						706.81		
4-9	238+30.0	53.0' LT	CB, TYPE A, 4'-DIAMETER	TYPE 24 FRAME AND GRATE	710.65	704.27					704.37		
4-10	238+39.1	4.9' LT	CB, TYPE A, 4'-DIAMETER	TYPE 8 GRATE	711.63	704.83			708.33		705.03		
4-11	238+50.0	53.0' RT	CB, TYPE A, 4'-DIAMETER	TYPE 24 FRAME AND GRATE	710.50	705.61					705.81		706.86
4-12	238+50.0	76.7' RT	CB, TYPE C	TYPE 8 GRATE	708.02	705.99							
4-13	239+35.0	8.7' LT	CB, TYPE C	TYPE 8 GRATE	711.05								709.26
4-14	239+90.0	65.0' LT	MH, TYPE A, 5'-DIAMETER	TYPE 1 FRAME, CLOSED LID	709.64	704.70			702.70		704.45		702.70
4-15	239+90.0	77.4' LT	CB, TYPE C	TYPE 8 GRATE	706.80						704.81		
4-16	239+90.0	53.0' LT	CB, TYPE A, 4'-DIAMETER	TYPE 24 FRAME AND GRATE	709.45	704.49					704.59		
4-17	239+90.0	57.4' RT	INLETS, TYPE A	TYPE 24 FRAME AND GRATE	709.33	705.70							
4-18	240+06.2	84.0' RT	MH, TYPE A, 4'-DIAMETER	TYPE 1 FRAME, CLOSED LID	709.73				704.33		705.67 (EX)		704.33
4-19	241+35.0	65.0' LT	MH, TYPE A, 5'-DIAMETER	TYPE 1 FRAME, CLOSED LID	708.54	705.75			702.00		702.75		702.00
4-20	241+35.0	74.9' LT	CB, TYPE C	TYPE 8 GRATE	707.81						705.83		
4-21	241+35.0	53.0' LT	CB, TYPE A, 4'-DIAMETER	TYPE 24 FRAME AND GRATE	708.35	702.79					703.04		
4-22	241+50.0	9.0' LT	CB, TYPE A, 4'-DIAMETER	TYPE 11V FRAME AND GRATE	709.10	703.47					703.67		705.47
4-23	241+50.0	65.0' RT	INLETS, TYPE A	TYPE 24 FRAME AND GRATE	707.92	704.41							
4-24	240+75.0	9.0' LT	INLETS, TYPE A	TYPE 11V FRAME AND GRATE	709.67				706.19				
4-25	242+50.0	78.0' LT	MH, TYPE A, 6'-DIAMETER	TYPE 1 FRAME, CLOSED LID	707.42	704.45			701.45		701.95		701.45
4-26	242+50.0	90.9' LT	CB, TYPE C	TYPE 8 GRATE	706.39						704.56		
4-27	242+60.0	53.0' LT	CB, TYPE A, 4'-DIAMETER	TYPE 24 FRAME AND GRATE	707.41	702.13					702.23		
4-28	242+60.0	9.0' LT	CB, TYPE A, 4'-DIAMETER	TYPE 11V FRAME AND GRATE	708.27	702.63					702.73		
4-29	242+60.0	65.0' RT	INLETS, TYPE A	TYPE 24 FRAME AND GRATE	707.09	703.47							
4-30	242+60.0	82.9' RT	CB, TYPE A, 4'-DIAMETER	TYPE 8 GRATE	706.05				702.46				702.46
4-31	242+90.0	78.0' LT	MH, TYPE A, 6'-DIAMETER	2 TYPE 1 FRAME, CLOSED LID, RESTRICTOR PLATE	707.12				701.28				701.28
4-32	243+41.5	78.2' LT	MH, TYPE A, 5'-DIAMETER	TYPE 1 FRAME, CLOSED LID	706.03	701.06 (EX)					701.06		701.06
4-33	243+40.9	62.9' RT	MH, TYPE A, 5'-DIAMETER	TYPE 1 FRAME, CLOSED LID	706.53	701.88				701.88	701.88		701.88
4-34	237+67.7	85.2' RT	PRC FES 18	NONE					706.36				
4-35	237+45.0	53.0' RT	INLETS, TYPE A	TYPE 24 FRAME AND GRATE	711.29				707.88				
4-36	238+60.0	84.7' RT	MH, TYPE A, 4'-DIAMETER	TYPE 1 FRAME, CLOSED LID	708.92				705.40				705.68
4-37			NOT USED										
4-38			NOT USED										
4-39	245+55.0	65.0' LT	CB, TYPE A, 4'-DIAMETER	TYPE 24 FRAME AND GRATE	704.86				695.19		701.44		
4-40	245+55.0	9.0' RT	INLETS, TYPE A	TYPE 11V FRAME AND GRATE	706.04	702.18							
4-41			NOT USED										
4-42	246+70.0	65.0' LT	CB, TYPE A, 4'-DIAMETER	TYPE 24 FRAME AND GRATE	703.81				694.85		700.35		694.85
4-43	246+70.0	5.7' RT	INLETS, TYPE A	TYPE 11V FRAME AND GRATE	705.04	701.06							
4-44	55+94.0	28.0' LT	MH, TYPE A, 4'-DIAMETER	TYPE 1 FRAME, CLOSED LID	707.79	702.60					703.88 (EX)		
4-45	247+75.0	65.0' LT	CB, TYPE A, 4'-DIAMETER	TYPE 24 FRAME AND GRATE	702.72				694.55		699.30		694.55
4-46	247+75.0	3.0' LT	INLETS, TYPE A	TYPE 11V FRAME AND GRATE	704.09	699.92							
4-47	56+94.9	51.5' LT	INLETS, TYPE A	TYPE 24 FRAME AND GRATE	705.77						702.51		
4-48	56+79.5	43.9' LT	CB, TYPE A, 4'-DIAMETER	TYPE 24 FRAME AND GRATE	705.35	702.38			702.18				
4-49	56+79.5	33.2' LT	MH, TYPE A, 5'-DIAMETER	TYPE 1 FRAME, CLOSED LID	705.73	702.11					702.11		702.11
4-50	56+92.2	34.5' RT	CB, TYPE C	TYPE 24 FRAME AND GRATE	705.73								702.25
4-51	56+63.2	57.4' RT	CB, TYPE C	TYPE 24 FRAME AND GRATE	704.97			697.90					
4-52	244+82.2	88.9' RT	CB, TYPE A, 4'-DIAMETER	TYPE 24 FRAME AND GRATE	704.66				697.51		697.51		
4-53	245+61.9	67.4' RT	CB, TYPE A, 4'-DIAMETER	TYPE 24 FRAME AND GRATE	704.81				696.92				696.92
4-54	244+68.6	95.2' RT	CB, TYPE A, 4'-DIAMETER	TYPE 24 FRAME AND GRATE	704.73			697.59			697.59		
4-55	246+70.0	65.0' RT	CB, TYPE A, 4'-DIAMETER	TYPE 24 FRAME AND GRATE	703.81				696.14				696.14
4-56			NOT USED										
4-57	247+90.0	65.0' RT	CB, TYPE A, 4'-DIAMETER	TYPE 24 FRAME AND GRATE	702.56				695.27				695.27

NOTE:

- FOR RESTRICTOR MANHOLE DETAILS SEE SHEET NO. 253.

FILE NAME =	USER NAME = BAW:tor	DESIGNED - JLV	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>DRAINAGE STRUCTURE SCHEDULE</b>	F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
g:\ch07\0061\road\sheets\0160012-SHT-STF-1.dgn		DRAWN - BAW	REVISED -			1453	55WRS	DuPAGE	362	111	
PLOT SCALE = 50.0000' / IN.		CHECKED - JRH	REVISED -			CONTRACT NO. 60D12					
PLOT DATE = 8/5/2009		DATE - 07/24/2009	REVISED -			FED. ROAD DIST. NO. 7 ILLINOIS FED. AID PROJECT					

DRAINAGE SHEET STA 248+00 TO STA 261+00 (SEE SHEET 93)

STRUCTURE NUMBER	STATION	OFFSET	TYPE	FRAME & GRATE	RM ELEVATION	INVERT ELEVATIONS							
						NORTH	NORTHEAST	EAST	SOUTHEAST	SOUTH	SOUTHWEST	WEST	NORTHWEST
5-1	249+35.0	55.3' LT	CB, TYPE A, 4'-DIAMETER	TYPE 24 FRAME AND GRATE	701.32			694.08				694.08	
5-2	257+15.0	89.6' LT	CB, TYPE C	TYPE 8 GRATE	692.00					690.09			
5-3	251+24.1	76.0' LT	MH, TYPE A, 5'-DIAMETER	TYPE 1 FRAME, CLOSED LID	696.72	686.84 (EX)				693.50			
5-4	251+24.1	65.0' LT	MH, TYPE A, 6'-DIAMETER	2 TYPE 1 FRAME, CLOSED LID, RESTRICTOR PLATE	699.62	693.52				693.52			
5-5	251+24.1	53.0' LT	CB, TYPE A, 4'-DIAMETER	TYPE 24 FRAME AND GRATE	699.43	693.53						693.53	
5-6	253+65.0	53.0' LT	CB, TYPE C	TYPE 24 FRAME AND GRATE	697.48	693.95							
5-7	254+50.0	53.0' LT	CB, TYPE C	TYPE 24 FRAME AND GRATE	696.89	693.44							
5-8	254+50.0	65.0' LT	MH, TYPE A, 5'-DIAMETER	TYPE 1 FRAME, CLOSED LID	697.08	686.88		685.88		693.38		685.88	
5-9	253+65.0	65.0' LT	MH, TYPE A, 5'-DIAMETER	TYPE 1 FRAME, CLOSED LID	697.67	685.64		685.64		693.89			
5-10	254+50.0	89.9' LT	CB, TYPE A, 4'-DIAMETER	TYPE 8 GRATE	690.23			687.29		687.09			
5-11	255+49.9	95.0' LT	CB, TYPE A, 4'-DIAMETER	TYPE 24 FRAME AND GRATE	693.25			688.73				688.23	
5-12	255+88.8	95.0' LT	CB, TYPE A, 4'-DIAMETER	TYPE 23 FRAME AND GRATE	693.35			689.20				689.10	
5-13	256+50.0	92.8' LT	CB, TYPE C	TYPE 8 GRATE	691.65							689.78	
5-14	257+15.0	65.0' LT	CB, TYPE A, 5'-DIAMETER	TYPE 24 FRAME AND GRATE	694.70	689.91		686.66				686.66	
5-15	260+95.0	65.0' RT	INLETS, TYPE A	TYPE 24 FRAME AND GRATE	692.07			688.60					
5-16	258+10.0	65.0' LT	CB, TYPE A, 5'-DIAMETER	TYPE 24 FRAME AND GRATE	694.03					690.43		686.93	
5-17	260+15.0	1.8' LT	CB, TYPE A, 4'-DIAMETER	TYPE 8 GRATE	694.08	688.77				688.77			
5-18	258+10.0	5.8' RT	INLETS, TYPE A	TYPE 11V FRAME AND GRATE	695.20	691.14							
5-19	260+15.0	65.0' RT	INLETS, TYPE A	TYPE 24 FRAME AND GRATE	692.59	689.10							
5-20	259+20.0	65.0' RT	INLETS, TYPE A	TYPE 24 FRAME AND GRATE	693.26	690.04							
5-21	259+20.0	3.0' LT	CB, TYPE A, 4'-DIAMETER	TYPE 11V FRAME AND GRATE	694.57	689.72				689.72			
5-22	259+20.0	59.0' LT	CB, TYPE A, 4'-DIAMETER	TYPE 24 FRAME AND GRATE	693.42	689.44				689.44			
5-23	259+20.0	71.0' LT	MH, TYPE A, 4'-DIAMETER	TYPE 1 FRAME, CLOSED LID	693.61			689.41		689.41			
5-24	260+15.0	65.3' LT	MH, TYPE A, 4'-DIAMETER	TYPE 1 FRAME, CLOSED LID	693.09	689.50		688.50		688.50		688.50	
5-25	260+15.0	79.5' LT	CB, TYPE C	TYPE 8 GRATE	691.44					689.62			
5-26	260+15.0	53.3' LT	CB, TYPE A, 4'-DIAMETER	TYPE 24 FRAME AND GRATE	692.90	688.53				688.53			
5-27	249+35.0	77.0' RT	MH, TYPE A, 4'-DIAMETER	TYPE 1 FRAME, CLOSED LID	701.26	694.18		694.18		697.68			
5-28	249+35.0	65.0' RT	CB, TYPE A, 4'-DIAMETER	TYPE 24 FRAME AND GRATE	701.06					694.21		694.21	
5-29	249+35.0	84.8' RT	CB, TYPE C	TYPE 8 GRATE	699.90	697.73							
5-30	250+80.0	77.0' RT	MH, TYPE A, 5'-DIAMETER	TYPE 1 FRAME, CLOSED LID	699.76	695.87		689.62				693.12	
5-31	250+80.0	65.0' RT	CB, TYPE C	TYPE 24 FRAME AND GRATE	699.56					695.93			
5-32	252+15.0	77.0' RT	MH, TYPE A, 5'-DIAMETER	TYPE 1 FRAME, CLOSED LID	698.46	694.72		688.97				688.97	
5-33	252+15.0	65.0' RT	CB, TYPE C	TYPE 24 FRAME AND GRATE	698.26					694.78			
5-34	253+40.0	77.0' RT	MH, TYPE A, 5'-DIAMETER	TYPE 1 FRAME, CLOSED LID	697.54	693.62		688.37				688.37	
5-35	253+40.0	65.0' RT	CB, TYPE A, 4'-DIAMETER	TYPE 24 FRAME AND GRATE	697.34	693.76				693.66			
5-36	253+10.0	7.9' LT	CB, TYPE C	TYPE 8 GRATE	699.01					694.54			
5-37	254+40.0	77.0' RT	MH, TYPE A, 5'-DIAMETER	TYPE 1 FRAME, CLOSED LID	696.84	692.90		687.90		691.40		687.90	
5-38	254+40.0	92.0' RT	CB, TYPE C	TYPE 8 GRATE	693.34	691.53							
5-39	254+40.0	65.0' RT	CB, TYPE A, 4'-DIAMETER	TYPE 24 FRAME AND GRATE	696.64		693.04			692.94			
5-40	254+86.6	9.0' LT	INLETS, TYPE A	TYPE 11V FRAME AND GRATE	697.42						693.91		
5-41	256+50.0	77.0' RT	MH, TYPE A, 5'-DIAMETER	TYPE 1 FRAME, CLOSED LID	695.36			686.87		688.12		686.87	
5-42	256+50.0	91.4' RT	CB, TYPE A, 4'-DIAMETER	TYPE 8 GRATE	692.01	688.23						688.73	
5-43	255+89.6	95.0' RT	CB, TYPE A, 4'-DIAMETER	TYPE 11V FRAME AND GRATE	695.10			689.27				691.77	
5-44	255+39.8	90.0' RT	INLETS, TYPE A	TYPE 11V FRAME AND GRATE	695.50			692.27					
5-45	257+20.0	77.0' RT	MH, TYPE A, 5'-DIAMETER	TYPE 1 FRAME, CLOSED LID	694.87	691.05		686.55				686.55	
5-46	257+20.0	65.0' RT	CB, TYPE C	TYPE 24 FRAME AND GRATE	694.67					691.11			
5-47	257+30.0	77.0' RT	MH, TYPE A, 6'-DIAMETER	2 TYPE 1 FRAME, CLOSED LID, RESTRICTOR PLATE	694.80			686.53				686.53	
5-48	257+40.5	77.0' RT	MH, TYPE A, 5'-DIAMETER	TYPE 1 FRAME, CLOSED LID	694.73					678.96 (EX)		686.50	
5-49	253+55.7	73.5' LT	MH, TYPE A, 6'-DIAMETER	2 TYPE 1 FRAME, CLOSED LID, RESTRICTOR PLATE	695.31	685.62							
5-50	253+40.8	87.1' LT	MH, TYPE A, 4'-DIAMETER	TYPE 1 FRAME, CLOSED LID	691.48	685.57 (EX)				685.57			

NOTE:

- FOR RESTRICTOR MANHOLE DETAILS SEE SHEET NO. 253.

FILE NAME =	USER NAME = BAW:torrt	DESIGNED - JLJ	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>DRAINAGE STRUCTURE SCHEDULE</b>	F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
gr:\oh\07\0061\road\sheet\DI68012-SHT-ST1-1.dgn	DRAWN - BAW	REVISIONS -	1453			55WRS		362	112	
PLOT SCALE = 5/8" = 1' IN.	CHECKED - JRH	REVISIONS -	CONTRACT NO. 60D12							
PLOT DATE = 3/31/2010	DATE - 4/1/2010	REVISIONS -	FED. ROAD DIST. NO. 7 ILLINOIS FED. AID PROJECT							
				SCALE: NONE		SHEET NO. 112 OF 362 SHEETS				



DRAINAGE SHEET STA 273+00 TO STA 286+00 (SEE SHEET 95)

STRUCTURE NUMBER	STATION	OFFSET	TYPE	FRAME & GRATE	RIM ELEVATION	INVERT ELEVATIONS							
						NORTH	NORTHEAST	EAST	SOUTHEAST	SOUTH	SOUTHWEST	WEST	NORTHWEST
7-1	274+00.0	79.1' LT	CB, TYPE A, 5'-DIAMETER	TYPE 8 GRATE	686.09			681.62				681.62	
7-2	274+47.7	65.2' LT	CB, TYPE A, 5'-DIAMETER	TYPE 24 FRAME AND GRATE	686.24			681.24				681.24	
7-3	274+62.1	63.8' LT	MH, TYPE A, 5'-DIAMETER	TYPE 1 FRAME, CLOSED LID	686.58	681.13 (EX)		682.88				681.13	
7-4	275+13.9	60.0' LT	CB, TYPE C	TYPE 24 FRAME AND GRATE	686.46							683.37	
7-5	273+85.3	8.2' LT	CB, TYPE A, 4'-DIAMETER	TYPE 11V FRAME AND GRATE	688.72	684.00		680.50			680.75		
7-6	273+85.3	50.5' LT	INLETS, TYPE A	TYPE 24 FRAME AND GRATE	687.81						684.38		
7-7	274+76.8	1.3' RT	MH, TYPE A, 4'-DIAMETER	TYPE 1 FRAME, CLOSED LID	687.92			679.74 (EX)		681.49		679.84	
7-8	274+46.0	80.7' RT	CB, TYPE A, 4'-DIAMETER	TYPE 11V FRAME AND GRATE	686.53	682.33		682.53					
7-9	275+14.0	77.5' RT	INLETS, TYPE A	TYPE 23 FRAME AND GRATE	686.26							683.19	
7-10	274+00.0	92.4' RT	CB, TYPE C	TYPE 8 GRATE	684.00			680.78					
7-11	276+25.0	85.0' RT	MH, TYPE A, 4'-DIAMETER	TYPE 1 FRAME, CLOSED LID	682.17					673.56		678.56	
7-12	278+05.8	4.2' RT	CB, TYPE C	TYPE 24 FRAME AND GRATE	686.52		681.62 (EX)						
7-13	278+14.4	3.5' RT	CB, TYPE A, 4'-DIAMETER	TYPE 24 FRAME AND GRATE	686.53		681.25 (EX)			681.93 (EX)			
7-14	279+27.7	5.6' LT	CB, TYPE C	TYPE 24 FRAME AND GRATE	686.81	680.05 (EX)							
7-15	280+00.9	8.4' LT	CB, TYPE A, 6'-DIAMETER	TYPE 24 FRAME AND GRATE	687.16			678.79 (EX)				678.80 (EX)	
7-16	273+85.3	65.0' RT	CB, TYPE A, 4'-DIAMETER	TYPE 24 FRAME AND GRATE	687.49	681.48						681.73	
7-17	276+25.0	111.1' RT	PRC FES 15	NONE		673.31							
7-18	275+71.7	63.2' RT	CB, TYPE C	TYPE 24 FRAME AND GRATE	686.90	682.30							
7-19	276+76.6	64.5' RT	CB, TYPE C	TYPE 24 FRAME AND GRATE	686.43	682.24							
7-20	278+02.9	67.9' RT	CB, TYPE C	TYPE 24 FRAME AND GRATE	685.90			682.19					
7-21	278+14.4	68.4' RT	CB, TYPE A, 4'-DIAMETER	TYPE 24 FRAME AND GRATE	685.91	682.10						682.10	
7-22	278+75.8	71.4' RT	CB, TYPE C	TYPE 24 FRAME AND GRATE	686.32	681.08							
7-23	279+04.5	112.8' RT	CB, TYPE A, 5'-DIAMETER	TYPE 8 GRATE	674.93	670.33							
7-24	279+75.9	75.1' RT	CB, TYPE C	TYPE 24 FRAME AND GRATE	686.58	682.71							
7-25	280+77.8	74.7' RT	CB, TYPE C	TYPE 24 FRAME AND GRATE	687.25	682.91							
7-26	281+55.5	64.8' RT	MH, TYPE A, 4'-DIAMETER	TYPE 1 FRAME, CLOSED LID	688.07	682.89 (EX)		682.97 (EX)		683.39			
7-27	281+56.0	75.0' RT	CB, TYPE A, 4'-DIAMETER	TYPE 24 FRAME AND GRATE	687.80	683.49		683.59					
7-28	282+17.6	83.0' RT	INLETS, TYPE A	TYPE 24 FRAME AND GRATE	688.12							684.18	
7-29	282+17.9	64.4' RT	LETS TO BE AJUSTED WITH NE	TYPE 1 FRAME, CLOSED LID	688.56	682.85 (EX)						682.75 (EX)	

DRAINAGE SHEET LT BASELINE STA 12+00 TO STA 20+00 (SEE SHEET 96 )  
DRAINAGE SHEET RT BASELINE STA 31+79 TO STA 39+65 (SEE SHEET 96 )

STRUCTURE NUMBER	STATION	OFFSET	TYPE	FRAME & GRATE	RIM ELEVATION	INVERT ELEVATIONS							
						NORTH	NORTHEAST	EAST	SOUTHEAST	SOUTH	SOUTHWEST	WEST	NORTHWEST
8-1	12+40.0	18.9' RT	CB, TYPE A, 4'-DIAMETER	TYPE 11V FRAME AND GRATE	720.68		716.25				716.15		
8-2	13+10.0	10.6' RT	CB, TYPE A, 4'-DIAMETER	TYPE 11V FRAME AND GRATE	721.52		716.99				716.89		
8-3	13+40.0	7.1' RT	CB, TYPE A, 4'-DIAMETER	TYPE 11V FRAME AND GRATE	721.88		717.34				717.24		
8-4	13+80.0	2.4' RT	CB, TYPE A, 4'-DIAMETER	TYPE 11V FRAME AND GRATE	722.36			717.70			717.70		
8-5	34+00.0	24.0' RT	INLETS, TYPE A	TYPE 24 FRAME AND GRATE	721.81							718.33	
8-6	32+40.0	25.3' RT	PRC FES 15	NONE								716.93	
8-7	32+40.0	44.8' RT	CB, TYPE A, 4'-DIAMETER	TYPE 24 FRAME AND GRATE	720.35			717.01					
8-8	15+33.3	24.7' LT	CB, TYPE A, 4'-DIAMETER	TYPE 24 FRAME AND GRATE	723.05		719.02						718.82 (EX)
8-9	15+39.6	24.5' LT	INLETS, TYPE A	TYPE 24 FRAME AND GRATE	723.04						719.05		
8-10	35+80.0	24.0' RT	INLETS, TYPE A	TYPE 24 FRAME AND GRATE	723.38					720.98			
8-11	35+77.8	37.2' RT	CB, TYPE A, 4'-DIAMETER	TYPE 8 GRATE	723.44	720.84					720.74		

NOTE:

- FOR RESTRICTOR MANHOLE DETAILS SEE SHEET NO. 253.

FILE NAME =	USER NAME = BAW\start	DESIGNED - JLV	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>DRAINAGE STRUCTURE SCHEDULE</b>	F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
g:\ch07\0061\road\sheet\DI60012-SHT-STR-1.dgn	DRAWN - BAW	REVISOR - JRH	REVISOR -			1453	55WRS	DUPAGE	362	114	
PLOT SCALE = 50.0000' / IN.	CHECKED - JRH	DATE - 4/1/2010	REVISOR -			SCALE: NONE		SHEET NO. 114 OF 362 SHEETS		CONTRACT NO. 60D12	
PLOT DATE = 3/31/2010						FED. ROAD DIST. NO. 7 [ILLINOIS] FED. AID PROJECT					

DRAINAGE SHEET STA 200+00 TO STA 212+00 (SEE SHEET 89)

PIPE NUMBER	STRUCTURE		DESCRIPTION	CLASS	TYPE	SIZE (IN)	LENGTH (FT)	SLOPE (%)	TBF (CY)
	FROM	TO							
1-1			NOT USED						
1-2	1-2	1-3	STORM SEWERS	A	1	12	44	1.00%	7
1-3	1-3	1-4	STORM SEWERS	A	1	12	5	1.00%	
1-4	1-5	1-4	PIPE CULVERTS	A	1	15	13	1.00%	
1-5	1-11	1-6	STORM SEWERS	WM REQ		36	29	0.40%	
1-6	1-7	1-8	STORM SEWERS	A	1	12	50	1.00%	7
1-7	1-8	1-9	STORM SEWERS	A	1	12	5	1.00%	
1-8	1-4	1-9	STORM SEWERS	A	2	15	80	1.00%	
1-9	1-9	1-11	STORM SEWERS	A	2	15	10	1.00%	
1-10	1-10	1-11	PIPE CULVERTS	A	2	36	135	2.52%	157
1-11	1-6	1-12	STORM SEWERS	A	1	36	12	0.40%	
1-12	1-13	1-11	STORM SEWERS	A	2	36	4	4.00%	
1-13	1-14	1-15	STORM SEWERS	A	1	12	13	1.00%	2
1-14	1-15	1-16	STORM SEWERS	A	1	12	55	1.00%	10
1-15	1-16	1-17	STORM SEWERS	A	1	12	4	1.00%	
1-16	1-18	1-17	PIPE CULVERTS	A	1	15	7	1.00%	
1-17	1-17	1-13	STORM SEWERS	A	2	36	44	0.50%	
1-18	1-19	1-20	STORM SEWERS	A	1	12	53	1.00%	9
1-19	1-20	1-21	STORM SEWERS	A	2	12	60	1.00%	12
1-20	1-22	1-21	STORM SEWERS	A	1	12	11	1.00%	2
1-21	1-21	1-23	STORM SEWERS	A	1	12	4	1.00%	
1-22	1-23	1-17	STORM SEWERS	A	2	36	69	0.50%	
1-23	2-5	1-23	STORM SEWERS	A	2	36	138	0.50%	

DRAINAGE SHEET STA 212+00 TO STA 224+00 (SEE SHEET 90)

PIPE NUMBER	STRUCTURE		DESCRIPTION	CLASS	TYPE	SIZE (IN)	LENGTH (FT)	SLOPE (%)	TBF (CY)
	FROM	TO							
2-1	2-1	2-2	STORM SEWERS	A	1	12	43	1.00%	7
2-2	2-3	2-2	STORM SEWERS	A	1	12	43	1.00%	5
2-3	2-2	2-4	STORM SEWERS	A	2	12	62	1.00%	12
2-4	2-4	2-5	STORM SEWERS	A	1	12	4	1.00%	
2-5	2-7	2-6	STORM SEWERS	A	1	EQRS 36	54	0.10%	
2-6	2-8	2-7	STORM SEWERS	A	1	30	117	0.50%	33
2-7			NOT USED						
2-8	2-10	2-8	STORM SEWERS	A	2	15	57	1.00%	13
2-9	2-11	2-8	STORM SEWERS	A	1	30	55	0.50%	19
2-10	2-12	2-11	STORM SEWERS	A	2	24	49	0.50%	16
2-11	2-15	2-5	STORM SEWERS	A	2	36	103	0.50%	
2-12	2-14	2-15	STORM SEWERS	A	1	12	6	1.00%	1
2-13	2-16	2-15	STORM SEWERS	A	2	36	177	0.50%	295
2-14	2-17	2-16	STORM SEWERS	A	1	12	6	1.00%	2
2-15	2-18	2-16	STORM SEWERS	WM REQ		12	11	1.00%	3
2-16	2-19	2-18	STORM SEWERS	WM REQ		12	65	1.00%	1
2-17	2-24	2-16	STORM SEWERS	A	2	36	103	0.50%	194
2-18	2-20	2-21	STORM SEWERS	A	1	12	38	1.00%	6
2-19	2-21	2-22	STORM SEWERS	A	2	12	36	1.00%	8
2-20	2-22	2-23	STORM SEWERS	A	2	12	40	1.00%	11
2-21	2-23	2-24	STORM SEWERS	A	2	15	4	1.00%	3
2-22	2-25	2-22	STORM SEWERS	WM REQ		12	51	1.00%	7
2-23	2-26	2-25	STORM SEWERS	A	1	12	53	1.00%	6
2-24	2-27	2-24	STORM SEWERS	WM REQ		36	158	0.50%	321
2-25	2-28	2-27	STORM SEWERS	A	1	15	4	1.00%	2
2-26	2-29	2-28	STORM SEWERS	A	1	12	46	1.00%	8
2-27	2-30	2-29	STORM SEWERS	A	1	12	22	1.00%	4
2-28	2-31	2-30	STORM SEWERS	A	1	12	2	1.00%	
2-29	2-32	2-30	STORM SEWERS	A	1	12	27	1.00%	4
2-30	2-33	2-32	STORM SEWERS	A	1	12	27	1.00%	4
2-31	2-34	2-33	STORM SEWERS	A	1	12	32	1.00%	5
2-32	2-35	2-34	STORM SEWERS	A	1	12	33	1.00%	4
2-33	2-37	2-27	STORM SEWERS	A	2	18	158	0.75%	160
2-34	2-36	2-37	PIPE CULVERTS	A	1	15	14	1.00%	
2-35	2-38	2-37	STORM SEWERS	A	2	15	139	0.75%	123
2-36	2-39	2-38	STORM SEWERS	WM REQ		12	51	0.75%	
2-37	2-40	2-39	STORM SEWERS	WM REQ		12	37	0.75%	7
2-38	2-41	2-38	STORM SEWERS	A	2	12	73	1.00%	19
2-39	2-42	2-41	STORM SEWERS	A	2	12	27	1.00%	8
2-40	2-43	2-42	STORM SEWERS	A	2	12	27	1.00%	7
2-41	2-44	2-43	STORM SEWERS	A	1	12	5	1.00%	
2-42	2-45	2-43	STORM SEWERS	A	1	12	26	1.00%	5
2-43	2-46	2-45	STORM SEWERS	A	1	12	26	1.00%	4
2-44	2-48	2-47	PIPE CULVERTS	A	2	18	69	0.50%	17
2-45	2-13	2-12	STORM SEWERS	A	1	24	25	0.50%	6
2-46	2-49	2-13	PIPE CULVERTS	A	1	18	23	1.00%	
2-47	2-50	2-13	PIPE CULVERTS	A	1	18	23	1.00%	
2-48	2-51	2-12	STORM SEWERS	A	1	12	12	1.00%	2

DRAINAGE SHEET STA 224+00 TO STA 236+00 (SEE SHEET 91)

PIPE NUMBER	STRUCTURE		DESCRIPTION	CLASS	TYPE	SIZE (IN)	LENGTH (FT)	SLOPE (%)	TBF (CY)
	FROM	TO							
3-1	3-1	3-2	STORM SEWERS	A	1	12	48	1.00%	8
3-2	3-2	3-3	STORM SEWERS	A	2	12	55	1.00%	13
3-3	3-3	3-4	STORM SEWERS	A	2	12	5	1.00%	2
3-4	3-5	3-4	STORM SEWERS	A	1	12	6	1.00%	
3-5	3-6	3-5	STORM SEWERS	A	1	12	58	1.00%	
3-6	3-4	3-7	STORM SEWERS	A	2	15	121	0.75%	94
3-7	3-8	3-7	STORM SEWERS	A	2	12	4	1.00%	4
3-8	3-9	3-8	STORM SEWERS	A	2	12	45	1.00%	17
3-9	3-10	3-9	STORM SEWERS	A	2	12	58	1.00%	18
3-10	3-11	3-10	STORM SEWERS	WM REQ		12	25	1.00%	4
3-11	3-7	3-13	STORM SEWERS	A	2	21	110	0.75%	94
3-12	3-12	3-13	STORM SEWERS	A	1	12	8	1.00%	
3-13	3-14	3-13	STORM SEWERS	A	2	12	4	1.00%	3
3-14	3-15	3-14	STORM SEWERS	A	2	12	40	1.00%	11
3-15	3-16	3-15	STORM SEWERS	A	2	12	62	1.00%	13
3-16	3-13	3-17	STORM SEWERS	WM REQ		21	52	0.75%	46
3-17	3-17	3-18	STORM SEWERS	WM REQ		24	73	0.75%	67
3-18	3-19	3-18	STORM SEWERS	A	2	12	5	1.00%	
3-19	3-20	3-19	STORM SEWERS	A	1	12	56	1.00%	1
3-20	3-21	3-18	STORM SEWERS	A	2	15	4	1.00%	4
3-21	3-22	3-21	STORM SEWERS	A	2	15	40	1.00%	27
3-22	3-23	3-22	STORM SEWERS	A	2	12	62	1.00%	23
3-23	3-24	3-23	STORM SEWERS	A	2	12	13	1.00%	6
3-24	3-25	3-24	STORM SEWERS	WM REQ		12	63	1.00%	
3-25	3-26	3-25	STORM SEWERS	WM REQ		12	37	1.00%	8
3-26	3-18	3-27	STORM SEWERS	A	2	24	236	0.75%	213
3-27	3-28	3-27	STORM SEWERS	A	1	12	6	1.00%	2
3-28	3-27	3-29	STORM SEWERS	A	2	24	106	0.75%	
3-29	3-30	3-29	STORM SEWERS	A	2	15	4	1.00%	3
3-30	3-31	3-30	STORM SEWERS	A	2	12	68	1.00%	18
3-31	3-32	3-31	STORM SEWERS	A	2	12	42	1.00%	9
3-32	3-33	3-32	STORM SEWERS	A	1	12	14	1.00%	3
3-33	3-29	3-34	STORM SEWERS	WM REQ		27	146	0.75%	132
3-34	3-35	3-34	STORM SEWERS	A	2	12	4	1.00%	2
3-35	3-36	3-35	STORM SEWERS	A	2	12	49	1.00%	12
3-36	3-37	3-36	STORM SEWERS	A	2	12	54	1.00%	8
3-37	3-34	3-38	STORM SEWERS	A	2	30	145	0.75%	134
3-38	3-39	3-38	STORM SEWERS	A	2	12	4	1.00%	2
3-39	3-40	3-39	STORM SEWERS	A	1	12	106	1.00%	19
3-40	3-38	4-3	STORM SEWERS	A	2	36	135	0.50%	182



DRAINAGE SHEET STA 236+00 TO STA 248+00 (SEE SHEET 92)

PIPE NUMBER	STRUCTURE		DESCRIPTION	CLASS	TYPE	SIZE (IN)	LENGTH (FT)	SLOPE (%)	TBF (CY)
	FROM	TO							
4-1	4-1	4-2	STORM SEWERS	A	1	12	106	1.00%	20
4-2	4-2	4-3	STORM SEWERS	A	2	12	4	1.00%	2
4-3	4-4	4-3	STORM SEWERS	A	1	12	8	1.00%	
4-4	4-3	4-5	STORM SEWERS	A	2	36	125	0.50%	157
4-5	4-6	4-5	STORM SEWERS	A	1	12	6	1.00%	2
4-6	4-5	4-7	STORM SEWERS	A	2	36	80	0.50%	95
4-7	4-8	4-7	STORM SEWERS	A	1	12	8	1.00%	
4-8	4-9	4-7	STORM SEWERS	A	2	15	4	1.00%	4
4-9	4-10	4-9	STORM SEWERS	A	2	12	46	1.00%	30
4-10	4-11	4-10	STORM SEWERS	A	2	12	58	1.00%	19
4-11	4-12	4-11	STORM SEWERS	A	1	12	19	1.00%	4
4-12	4-13	4-10	STORM SEWERS	WM REQ		12	93	1.00%	
4-13	4-7	4-14	STORM SEWERS	WM REQ		36	155	0.50%	170
4-14	4-15	4-14	STORM SEWERS	A	1	12	11	1.00%	
4-15	4-16	4-14	STORM SEWERS	A	2	12	4	1.00%	3
4-16	4-17	4-16	STORM SEWERS	A	2	12	111	1.00%	21
4-17	4-18	4-30	STORM SEWERS	WM REQ		18	250	0.75%	42
4-18	4-14	4-19	STORM SEWERS	A	2	36	140	0.50%	140
4-19	4-20	4-19	STORM SEWERS	A	1	12	8	1.00%	
4-20	4-21	4-19	STORM SEWERS	A	2	15	4	1.00%	4
4-21	4-22	4-21	STORM SEWERS	A	2	12	43	1.00%	14
4-22	4-23	4-22	STORM SEWERS	A	2	12	74	1.00%	16
4-23	4-24	4-22	STORM SEWERS	A	1	12	72	1.00%	9
4-24	4-19	4-25	STORM SEWERS	A	1	36	111	0.50%	76
4-25	4-26	4-25	STORM SEWERS	A	1	12	11	1.00%	
4-26	4-27	4-25	STORM SEWERS	A	2	12	18	1.00%	13
4-27	4-28	4-27	STORM SEWERS	A	2	12	40	1.00%	13
4-28	4-29	4-28	STORM SEWERS	A	2	12	74	1.00%	17
4-29	4-30	4-33	STORM SEWERS	WM REQ		18	78	0.75%	18
4-30	4-25	4-31	STORM SEWERS	A	1	36	34	0.50%	20
4-31	4-31	4-32	STORM SEWERS	A	2	24	45	0.50%	12
4-32	4-33	4-32	STORM SEWERS	A	1	24	136	0.60%	30
4-33	4-34	4-36	PIPE CULVERTS	A	1	18	85	0.75%	30
4-34	4-35	4-11	STORM SEWERS	A	1	12	102	1.00%	26
4-35	4-36	4-18	STORM SEWERS	WM REQ		18	143	0.75%	
4-36			NOT USED						
4-37	4-40	4-39	STORM SEWERS	A	1	12	74	1.00%	10
4-38	4-39	4-42	STORM SEWERS	WM REQ		18	111	0.30%	159
4-39	4-49	4-33	STORM SEWERS	A	1	EQRS 18	40	0.60%	9
4-40	4-43	4-42	STORM SEWERS	A	1	12	71	1.00%	10
4-41	4-42	4-45	STORM SEWERS	WM REQ		18	101	0.30%	131
4-42	4-44	4-49	STORM SEWERS	WM REQ		15	82	0.60%	17
4-43	4-46	4-45	STORM SEWERS	WM REQ		12	62	1.00%	9
4-44	4-47	4-48	STORM SEWERS	WM REQ		12	14	1.00%	3
4-45	4-48	4-49	STORM SEWERS	WM REQ		12	7	1.00%	1
4-46	4-50	4-33	STORM SEWERS	WM REQ		12	76	0.50%	13
4-47	4-51	4-54	STORM SEWERS	WM REQ		12	42	0.75%	32
4-48	4-52	4-53	STORM SEWERS	WM REQ		12	78	0.75%	65
4-49	4-53	4-55	STORM SEWERS	A	2	12	104	0.75%	90
4-50	4-54	4-52	STORM SEWERS	WM REQ		12	11	0.75%	9
4-51	4-55	4-57	STORM SEWERS	A	2	12	116	0.75%	95

FILE NAME =	USER NAME = BAW\sort	DESIGNED - JLJ	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>STORM SEWER SCHEDULE</b>	F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
gr\oh07\0061\road\sheet\DI60D12-SHT-STP-1.dgn	PLOT SCALE = 5/8"=1' IN.	DRAWN - BAW	REVISED -			1453	55WRS	DUPAGE	362	117
	PLOT DATE = 3/31/2010	CHECKED - JRH	REVISED -			CONTRACT NO. 60D12				
		DATE - 4/1/2010	REVISED -			SCALE: NONE	SHEET NO. 117 OF 362 SHEETS	FED. ROAD DIST. NO. 7 ILLINOIS FED. AID PROJECT		

DRAINAGE SHEET STA 248+00 TO STA 261+00 (SEE SHEET 93)

PIPE NUMBER	STRUCTURE		DESCRIPTION	CLASS	TYPE	SIZE (IN)	LENGTH (FT)	SLOPE (%)	TBF (CY)
	FROM	TO							
5-1	4-45	5-1	STORM SEWERS	WM REQ		18	157	0.30%	178
5-2	5-2	5-14	STORM SEWERS	WM REQ		12	19	1.00%	3
5-3	5-1	5-5	STORM SEWERS	WM REQ		18	185	0.30%	172
5-4	5-5	5-4	STORM SEWERS	WM REQ		18	3	0.30%	3
5-5	5-4	5-3	STORM SEWERS	WM REQ		18	6	0.30%	
5-6	5-6	5-9	STORM SEWERS	WM REQ		12	6	1.00%	2
5-7	5-7	5-8	STORM SEWERS	A	1	12	6	1.00%	2
5-8	5-8	5-9	STORM SEWERS	WM REQ		24	80	0.30%	159
5-9	5-9	5-49	STORM SEWERS	WM REQ		24	7	0.30%	
5-10	5-10	5-8	STORM SEWERS	WM REQ		12	21	1.00%	
5-11	5-11	5-10	STORM SEWERS	WM REQ		12	95	1.00%	
5-12	5-12	5-11	STORM SEWERS	WM REQ		12	38	1.00%	12
5-13	5-13	5-12	STORM SEWERS	WM REQ		12	58	1.00%	
5-14	5-14	5-8	STORM SEWERS	WM REQ		24	260	0.30%	412
5-15			NOT USED						
5-16	5-16	5-14	STORM SEWERS	A	2	24	90	0.30%	105
5-17	5-19	5-17	STORM SEWERS	A	2	12	66	0.50%	14
5-18	5-18	5-16	STORM SEWERS	A	1	12	71	1.00%	11
5-19	5-17	5-26	STORM SEWERS	A	2	12	49	0.50%	12
5-20	5-20	5-21	STORM SEWERS	A	1	12	64	0.50%	11
5-21	5-21	5-22	STORM SEWERS	A	2	12	56	0.50%	12
5-22	5-22	5-23	STORM SEWERS	A	1	15	5	0.50%	2
5-23	5-23	5-24	STORM SEWERS	WM REQ		15	92	1.00%	32
5-24	5-25	5-24	STORM SEWERS	WM REQ		12	13	1.00%	
5-25	5-26	5-24	STORM SEWERS	A	2	12	5	0.50%	2
5-26	5-24	6-3	STORM SEWERS	A	2	15	158	1.00%	102
5-27	4-57	5-28	STORM SEWERS	A	2	12	141	0.75%	
5-28	5-28	5-27	STORM SEWERS	A	2	15	5	0.75%	
5-29	5-29	5-27	STORM SEWERS	WM REQ		12	6	1.00%	
5-30	5-27	5-30	STORM SEWERS	WM REQ		15	141	0.75%	114
5-31	5-31	5-30	STORM SEWERS	A	1	12	6	1.00%	2
5-32	5-30	5-32	STORM SEWERS	WM REQ		27	130	0.50%	216
5-33	5-33	5-32	STORM SEWERS	A	1	12	6	1.00%	2
5-34	5-32	5-34	STORM SEWERS	WM REQ		27	120	0.50%	187
5-35	5-35	5-34	STORM SEWERS	A	1	12	4	1.00%	2
5-36	5-36	5-35	STORM SEWERS	A	1	12	78	1.00%	13
5-37	5-34	5-37	STORM SEWERS	WM REQ		27	95	0.50%	143
5-38	5-38	5-37	STORM SEWERS	WM REQ		12	13	1.00%	
5-39	5-39	5-37	STORM SEWERS	A	1	12	4	1.00%	2
5-40	5-40	5-39	STORM SEWERS	A	1	12	88	1.00%	10
5-41	5-37	5-41	STORM SEWERS	WM REQ		27	205	0.50%	293
5-42	5-42	5-41	STORM SEWERS	WM REQ		12	11	1.00%	
5-43	5-43	5-42	STORM SEWERS	WM REQ		12	55	1.00%	
5-44	5-44	5-43	STORM SEWERS	WM REQ		12	51	1.00%	10
5-45	5-41	5-45	STORM SEWERS	WM REQ		27	65	0.50%	89
5-46	5-46	5-45	STORM SEWERS	A	1	12	6	1.00%	2
5-47	5-45	5-47	STORM SEWERS	WM REQ		27	5	0.50%	7
5-48	5-47	5-48	STORM SEWERS	WM REQ		24	5	0.50%	7
5-49	5-49	5-50	STORM SEWERS	WM REQ		18	16	0.30%	

FILE NAME = g:\ch07\0061\road\sheet\0160012-SHT-519-1.dgn	USER NAME = BAW\sort	DESIGNED - JLV	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>STORM SEWER SCHEDULE</b>	F.A. RTE. 1453	SECTION 55WRS	COUNTY	TOTAL SHEETS 362	SHEET NO. 118
PLOT SCALE = 50.0000' / IN.	CHECKED - JRH	REVISED -	SCALE: NONE			SHEET NO. 118 OF 362 SHEETS	CONTRACT NO. 60D12			
PLOT DATE = 3/31/2010	DATE - 4/1/2010	REVISED -	FED. ROAD DIST. NO. 7 [ILLINOIS] FED. AID PROJECT							

DRAINAGE SHEET STA 261+00 TO STA 273+00 (SEE SHEET 94)

PIPE NUMBER	STRUCTURE		DESCRIPTION	CLASS	TYPE	SIZE (IN)	LENGTH (FT)	SLOPE (%)	TBF (CY)
	FROM	TO							
6-1	6-1	6-2	STORM SEWERS	WM REQ		12	74	1.00%	10
6-2	6-2	6-3	STORM SEWERS	WM REQ		12	13	1.00%	
6-3	6-4	6-3	STORM SEWERS	A	2	18	4	0.75%	3
6-4	6-5	6-4	STORM SEWERS	A	1	12	11	1.00%	2
6-5	6-6	6-4	STORM SEWERS	A	2	15	45	0.75%	15
6-6	6-7	6-6	STORM SEWERS	A	2	12	10	1.00%	3
6-7	6-8	6-7	STORM SEWERS	A	1	12	124	1.00%	24
6-8	6-9	6-6	STORM SEWERS	A	2	15	70	0.75%	18
6-9	6-10	6-9	STORM SEWERS	A	1	12	10	0.75%	2
6-10	6-11	6-10	STORM SEWERS	A	1	12	76	0.75%	11
6-11	6-3	6-12	STORM SEWERS	A	2	30	219	0.50%	205
6-12	6-13	6-12	STORM SEWERS	A	2	12	10	1.00%	
6-13	6-14	6-13	STORM SEWERS	A	1	12	75	1.00%	1
6-14	6-12	6-15	STORM SEWERS	A	2	30	136	0.50%	169
6-15	6-16	6-52	STORM SEWERS	WM REQ		12	21	1.00%	
6-16	6-17	6-11	STORM SEWERS	A	1	12	92	0.75%	11
6-17	6-15	6-19	STORM SEWERS	A	2	30	175	0.50%	210
6-18	6-19	6-18	STORM SEWERS	WM REQ		30	65	0.50%	64
6-19	6-20	6-19	STORM SEWERS	A	2	15	4	1.00%	3
6-20	6-21	6-20	STORM SEWERS	A	2	12	51	1.00%	15
6-21	6-22	6-21	STORM SEWERS	A	2	12	78	1.00%	17
6-22	6-18	6-51	STORM SEWERS	A	1	30	135	0.50%	103
6-23	6-24	6-51	STORM SEWERS	WM REQ		18	13	1.00%	
6-24	6-54	6-24	STORM SEWERS	WM REQ		18	47	1.00%	
6-25	6-26	6-25	STORM SEWERS	A	1	15	39	1.00%	5
6-26	6-27	6-18	STORM SEWERS	WM REQ		12	17	1.00%	
6-27	6-23	6-28	STORM SEWERS	A	1	24	3	1.00%	2
6-28	6-29	6-28	STORM SEWERS	A	1	12	5	1.00%	1
6-29	6-28	6-32	STORM SEWERS	A	2	24	115	1.00%	36
6-30	6-31	6-33	STORM SEWERS	A	1	12	59	1.00%	3
6-31	5-15	6-9	STORM SEWERS	A	1	12	79	1.00%	11
6-32	6-33	6-32	STORM SEWERS	A	1	12	4	1.00%	1
6-33	6-32	6-35	STORM SEWERS	A	2	24	3	1.00%	3
6-34	6-34	6-23	STORM SEWERS	A	1	24	5	1.00%	4
6-35			NOT USED						
6-36	6-37	6-35	STORM SEWERS	WM REQ		15	45	1.00%	15
6-37	6-39	6-37	STORM SEWERS	A	1	15	87	1.00%	21
6-38	6-40	6-39	STORM SEWERS	A	1	12	14	1.00%	
6-39	6-41	7-16	STORM SEWERS	A	2	12	313	1.00%	115
6-40			NOT USED						
6-41	6-44	6-45	STORM SEWERS	A	1	12	28	0.90%	7
6-42	6-45	6-46	STORM SEWERS	WM REQ		18	133	0.90%	86
6-43	6-47	6-46	STORM SEWERS	A	1	12	12	1.00%	
6-44	6-46	6-48	STORM SEWERS	WM REQ		18	74	0.90%	34
6-45	6-49	6-26	STORM SEWERS	A	1	12	71	1.00%	8
6-46	6-50	6-24	STORM SEWERS	WM REQ		12	27	1.00%	
6-47	6-51	6-34	STORM SEWERS	A	1	30	7	0.50%	5
6-48	6-38	6-13	STORM SEWERS	WM REQ		12	77	1.00%	
6-49	6-52	6-38	STORM SEWERS	WM REQ		12	23	1.00%	6
6-50	6-53	6-26	STORM SEWERS	WM REQ		12	7	1.00%	1
6-51	6-25	6-54	STORM SEWERS	WM REQ		18	6	1.00%	1

FILE NAME = g:\ch07\0061\road\sheet\0160D12-SHT-STP-1.dgn	USER NAME = BAW\bart	DESIGNED - JLV	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>STORM SEWER SCHEDULE</b>		F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
PLOT SCALE = 58.0000' / IN.	CHECKED - JRH	REVISED -	1453				55WRS	DUPAGE	362	119	
PLOT DATE = 3/31/2010	DATE - 4/1/2010	REVISED -	SCALE: NONE SHEET NO. 119 OF 362 SHEETS		CONTRACT NO. 60D12						
							FED. ROAD DIST. NO. 7 ILLINOIS FED. AID PROJECT				

DRAINAGE SHEET STA 273+00 TO STA 286+00 (SEE SHEET 95)

PIPE NUMBER	STRUCTURE		DESCRIPTION	CLASS	TYPE	SIZE (IN)	LENGTH (FT)	SLOPE (%)	TBF (CY)
	FROM	TO							
7-1	6-48	7-1	STORM SEWERS	WM REQ		21	119	0.90%	
7-2	7-1	7-2	STORM SEWERS	WM REQ		21	43	0.90%	
7-3	7-2	7-3	STORM SEWERS	A	2	21	12	0.90%	8
7-4	7-4	7-3	STORM SEWERS	A	1	12	50	1.00%	11
7-5	7-16	7-5	STORM SEWERS	A	2	15	74	1.00%	56
7-6	7-6	7-5	STORM SEWERS	A	1	12	39	1.00%	5
7-7	7-5	7-7	STORM SEWERS	A	2	18	89	0.75%	87
7-8	7-8	7-7	STORM SEWERS	WM REQ		12	84	1.00%	25
7-9	7-9	7-8	STORM SEWERS	WM REQ		12	67	1.00%	15
7-10	7-10	7-11	STORM SEWERS	WM REQ		12	223	1.00%	63
7-11	7-11	7-17	STORM SEWERS	WM REQ		15	19	1.00%	
7-12	7-18		STORM SEWERS	WM REQ		12	10	MATCH EX	3
7-13	7-19		STORM SEWERS	A	2	12	10	MATCH EX	2
7-14	7-20	7-21	STORM SEWERS	WM REQ		12	9	1.00%	2
7-15	7-21		STORM SEWERS	WM REQ		12	6	MATCH EX	1
7-16	7-22		STORM SEWERS	A	2	12	6	MATCH EX	2
7-17	7-23		STORM SEWERS	WM REQ		24	4	MATCH EX	
7-18	7-24		STORM SEWERS	A	1	12	10	MATCH EX	2
7-19	7-25		STORM SEWERS	A	2	12	10	MATCH EX	3
7-20	7-27	7-26	STORM SEWERS	A	2	12	11	1.00%	3
7-21	7-28	7-27	STORM SEWERS	A	1	12	59	1.00%	10

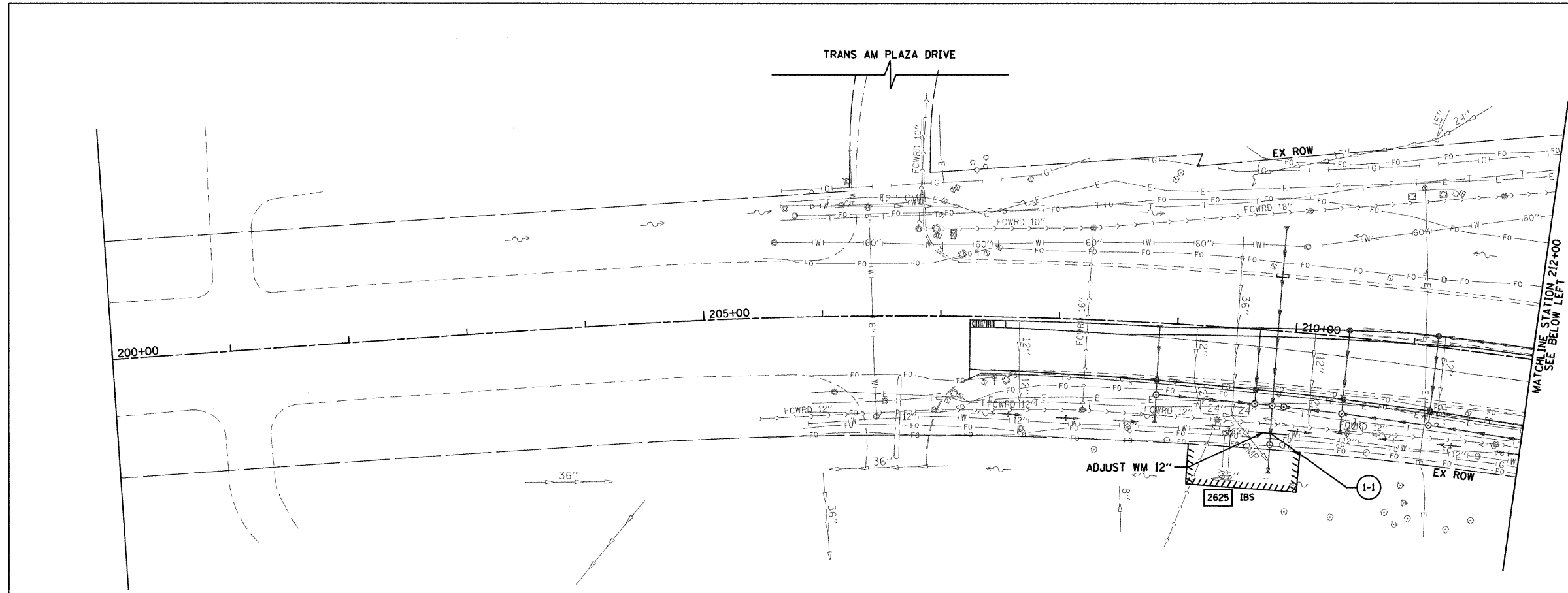
DRAINAGE SHEET LT BASELINE STA 12+00 TO STA 20+00 (SEE SHEET 96 )  
 DRAINAGE SHEET RT BASELINE STA 31+79 TO STA 39+65 (SEE SHEET 96 )

PIPE NUMBER	STRUCTURE		DESCRIPTION	CLASS	TYPE	SIZE (IN)	LENGTH (FT)	SLOPE (%)	TBF (CY)
	FROM	TO							
8-1	8-1	2-10	STORM SEWERS	A	2	12	58	1.00%	12
8-2	8-2	8-1	STORM SEWERS	A	2	12	64	1.00%	14
8-3	8-3	8-2	STORM SEWERS	A	2	12	26	1.00%	6
8-4	8-4	8-3	STORM SEWERS	A	2	12	36	1.00%	8
8-5	8-5	8-4	STORM SEWERS	A	1	12	64	1.00%	11
8-6	8-7	8-6	STORM SEWERS	A	1	15	10	0.50%	1
8-7	8-9	8-8	STORM SEWERS	A	1	12	4	1.00%	1
8-8	8-10	8-11	STORM SEWERS	A	1	12	15	1.00%	1

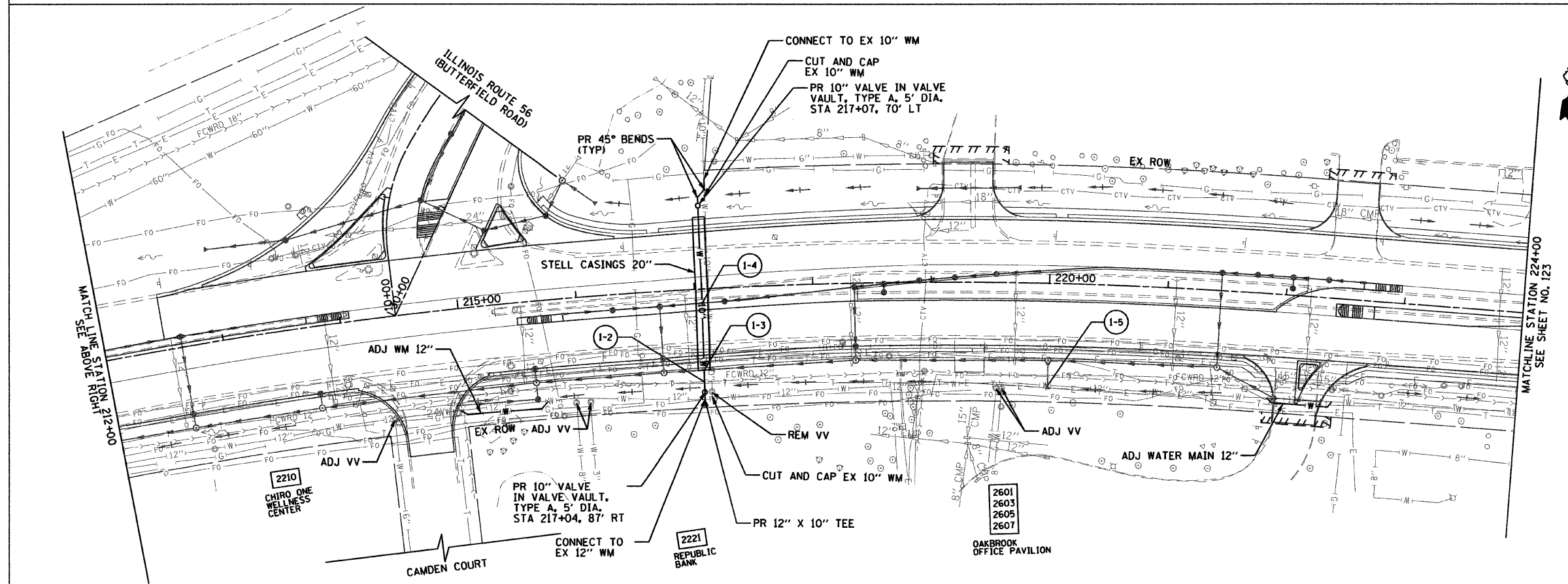
**WATER MAIN NOTES AND SPECIAL PROVISIONS**

1. ALL WATER MAIN CONSTRUCTION SHALL BE IN ACCORDANCE WITH THE "STANDARD SPECIFICATIONS FOR WATER AND SEWER CONSTRUCTION IN ILLINOIS", FIFTH EDITION, DATED MAY 1996 AND ALL REVISIONS THERETO; THESE SPECIAL PROVISIONS; AND WITH THE VILLAGE OF OAK BROOK ORDINANCES, REQUIREMENTS AND POLICIES.
2. ALL WATER MAIN SHALL BE CONSTRUCTED OF CEMENT LINED DUCTILE IRON PIPE, CLASS 52 WITH MECHANICAL AND/OR PUSH-ON JOINTS. DUCTILE IRON WATER MAIN SHALL CONFORM TO ANSI A21.51/AWWA C151, DUCTILE IRON COMPACT FITTINGS TO ANSI A21.53/AWWA C153, AND CEMENT LINING TO ANSI A21.4. RETAINER GLANDS SHALL BE USED WHERE SPECIFIED IN THE PLANS AND WHERE DIRECTED IN THE FIELD BY THE VILLAGE.
3. THE WATER MAIN SHALL BE WRAPPED IN POLYETHYLENE ENCASUREMENT, (8 MIL THICK) CONFORMING TO ANSI A21.5/AWWA C105.
4. THE WATER MAIN SHALL BE SUBJECTED TO A PRESSURE AND LEAKAGE TEST ACCORDING TO THE STANDARD SPECIFICATIONS EXCEPT THE WATER MAIN SHALL BE SUBJECTED TO A MINIMUM HYDROSTATIC PRESSURE OF 150 PSI FOR A PERIOD OF NOT LESS THAN TWO (2) HOURS AND LEAKAGE SHALL NOT EXCEED THE ALLOWABLE LEAKAGE AS SHOWN IN TABLE 2 OF THE STANDARD DETAILS SECTION OF VILLAGE OF OAK BROOK PUBLIC WORKS CONSTRUCTION STANDARDS.  
SAID PRESSURE TEST MUST BE WITNESSED BY A STAFF MEMBER OF THE VILLAGE'S ENGINEERING DEPARTMENT OR WATER DEPARTMENT.
5. ALL NEW WATER MAIN SHALL HAVE A MINIMUM COVER OF 5'-6" (1.7 m) FROM FINISHED SURFACE ELEVATION TO TOP OF PIPE.
6. WATER MAINS AND WATER SERVICES SHALL BE INSTALLED IN SEPARATE TRENCHES AND AT LEAST 10 FEET (3.0 m) HORIZONTAL AWAY FROM STORM SEWERS AND STORM SERVICES AND FROM SANITARY SEWERS AND SANITARY SERVICES UNLESS OTHERWISE APPROVED BY THE VILLAGE IN WRITING.
7. TRENCHES UNDER OR WITHIN 5 FEET (1.5 m) OF ROADWAYS/PATHWAYS/DRIVEWAYS RESULTING FROM WATER MAIN OR WATER SERVICE CONSTRUCTION SHALL BE BACKFILLED, AS SOON AS PRACTICABLE, TO 5 FEET OUTSIDE THE ROADWAY/PATHWAY/DRIVEWAY WITH CA-6 TRENCH BACKFILL MECHANICALLY COMPACTED IN 1 FOOT (0.3m) LIFTS STARTING 1 FOOT (0.3m) ABOVE THE TOP OF PIPE.
8. ALL RESIDENTIAL WATER SERVICES SHALL BE 1 1/2" (38 mm) MINIMUM COPPER WATER TUBE (SEE STANDARD DETAIL) TYPE K PIPE, SOFT TEMPER WITH A MINIMUM OF 4'-6" (1.4 m) COVER. NO UNIONS OR COUPLINGS ARE ALLOWED UNLESS APPROVED BY THE VILLAGE. NO SOLDER OR SWEAT JOINTS ARE ALLOWED.
9. NO WATER SERVICE CONNECTION TAP SHALL BE MADE UNTIL THE NEWLY CONSTRUCTED WATER MAIN HAS BEEN TESTED, CHLORINATED AND FOUND TO BE ACCEPTABLE BY THE VILLAGE AND THE IEPA OPERATING PERMIT HAS BEEN ISSUED. NEW MATERIAL SHALL BE USED FOR THE ENTIRE SERVICE TO BE CONSTRUCTED.
10. ALL WATER MAINS AND ALL WATER SERVICES SHALL NOT BE BACKFILLED UNTIL INSPECTED BY THE VILLAGE ENGINEERING DEPARTMENT.
11. WATER SERVICE BOXES AND HYDRANT BOXES SHALL BE ADJUSTED TO THE ELEVATIONS OF THE FINISHED GROUND SURFACE AS SOON AS CONSTRUCTION OPERATIONS PERMIT. CARE IS TO BE TAKEN IN GRADING AROUND THESE BOXES. ANY BOXES DAMAGED DURING CONSTRUCTION SHALL BE REPLACED BY THE CONTRACTOR AT HIS OWN EXPENSE.
12. VALVE VAULTS SHALL BE PROVIDED ON ALL WATER MAIN AND SERVICE LINE VALVES EQUAL TO OR GREATER THAN 4" (100mm), BUT NOT FIRE HYDRANT AUXILIARY VALVES. VAULTS SHALL BE CONSTRUCTED OF PRECAST CONCRETE UNITS CONFORMING TO SECTION 44 IN THE "STANDARD SPECIFICATIONS FOR WATER AND SEWER MAIN CONSTRUCTION IN ILLINOIS" AND THE VALVE VAULT DETAIL IN THE STANDARD DETAILS SECTION OF THE VILLAGE OF OAK BROOK PUBLIC WORKS CONSTRUCTION STANDARDS. ALL JOINTS OF THESE UNITS SHALL BE SET IN A BITUMINOUS MASTIC BED; MORTAR IS NOT ALLOWED.
13. FIRE HYDRANTS SHALL BE MUELLER SUPER CENTURION MODEL NO. A-423, COMPLYING WITH AWWA C-502 AND HAVE BREAKABLE SAFETY FLANGES, AS CURRENTLY INSTALLED IN THE VILLAGE. THE MAIN VALVE OPENING SHALL BE 5-1/4" (133 mm), TWO (2) 2-1/2" (64 mm) HOSE NOZZLES AND ONE (1) 4-1/2" (114 mm) HOSE NOZZLE SHALL BE PROVIDED. HYDRANTS SHALL BE FURNISHED WITH A 6" (150 mm) R/W (RESILIENT WEDGE) MUELLER GATE VALVE, (MUELLER NO. A-2360-16) ATTACHED DIRECTLY TO THE HYDRANT, AND CAST IRON VALVE BOX TWO-PIECE (TYLER NO. 664S). HYDRANTS SHALL HAVE NATIONAL STANDARD THREADS AND SHALL BE PAINTED A GREEN COLOR. (GLIDDEN STRUCTURE GREEN NO. 4503, OR RUST SCAT MACK GREEN NO. 138). ALL PORT CAPS SHALL BE PAINTED A HIGHLY REFLECTIVE WHITE COLOR (3M TRAFFIC CONTROL DIVISION WHITE PAINT NO. 7216). ALL BONNETS SHALL BE PAINTED A COLOR IN ACCORDANCE WITH THE HYDRANT DETAIL. FOR FURTHER INFORMATION CONTACT THE VILLAGE WATER DEPARTMENT.  
  
WHERE THE HYDRANT IS BEING INSTALLED ADJACENT TO D.I.W.M. WRAPPED WITH POLYETHYLENE ENCASUREMENT, ALL METAL APPURTENANCES, INCLUDING TEE, BENDS, HYDRANT BARREL, HYDRANT LEAD, VALVE, ETC., SHALL BE WRAPPED WITH A POLYETHYLENE ENCASUREMENT CONFORMING TO ANSL A21.5. ALL HYDRANT LEADS SHALL BE 6" (150 mm) D.I.W.M. AND SHALL BE CONSTRUCTED WITH RETAINER GLANDS (SEE PARAGRAPH 24). ALL HYDRANTS SHALL FACE THE STREET AND SHALL BE 5' (1.5 m) FROM BACK OF CURB TO FACE OF HYDRANT OR 10' (3.0 m) FROM EDGE OF PAVEMENT TO FACE OF HYDRANT WHEN THERE IS NO CURB.  
  
HYDRANTS SHALL BE SPACED AT INTERVALS OF APPROXIMATELY 300' (100 m) AND SHALL BE LOCATED SO AS TO BE OPPOSITE A COMMON LOT LINE OR IN THE MIDDLE OF THE LOT.  
  
A SPRING STEEL HYDRANT MARKER, USA BLUEBOOK \*MC-75193, SHALL BE MOUNTED ON THE BACK OF THE HYDRANT FLANGE.
14. A 4" x 4" x 6" (100 mm x 100 mm x 1.8 m) WOOD POST, PAINTED BLUE ON TOP, SHALL BE PLACED VERTICALLY IN THE GROUND AT EACH B-BOX AND VALVE VAULT NOT IN THE ROADWAY AND SHALL HAVE A MINIMUM OF 2' (0.6 m) OF POST BURIED IN THE GROUND.
15. THE EXACT LOCATION OF EACH B-BOX SHALL BE DETERMINED IN THE FIELD AT THE TIME OF CONSTRUCTION. B-BOXES SHALL NOT BE PLACED WITHIN DRIVEWAYS. THE DEVELOPER SHALL FURNISH TO THE VILLAGE "RECORD DRAWINGS" OF THE WATER SYSTEM AT THE COMPLETION OF THE CONSTRUCTION. SAID RECORD DRAWINGS SHALL SHOW THE LOCATION OF ALL B-BOXES. EACH B-BOX SHALL BE DIMENSIONED FROM THE TWO (2) PROPERTY CORNERS.
16. ALL WATER MAIN VALVES SHALL ONLY BE MUELLER RESILIENT SEAT GATE VALVE (RESILIENT WEDGE, R/W) FOR MECHANICAL JOINTS CONFORMING TO AWWA C111 (MUELLER NO. A-2360-20). WHEN A TEE IS BEING CUT INTO AN EXISTING WATER MAIN, AN MJ X MJ X FLTEE SHALL BE USED AND AN FL X MJ ATTACHED ONTO THE TEE.
17. CAST IN PLACE THRUST BLOCKS OR PRE-CAST SOLID CONCRETE MASONRY UNITS SHALL BE PROVIDED AT ALL CHANGES IN ALIGNMENT OF THE WATER MAIN AND OPPOSITE ALL "TEE" CONNECTIONS. ALL THRUST BLOCKS SHALL BEAR AGAINST UNDISTURBED EARTH.
18. WATER MAIN FLUSHING AND CHLORINATION
  - A. THE WATER MAIN SHALL BE FLUSHED AND CHLORINATED IN ACCORDANCE WITH THE REQUIREMENTS OF THE VILLAGE AND THE STANDARD SPECIFICATIONS. ANY PORTION OF THE NEW WATER MAIN EXTENSION SO STERILIZED SHALL BE ISOLATED AND VALVED OFF FROM THE REST OF THE SYSTEM UNTIL A CERTIFICATE OF APPROVAL IS RECEIVED FROM THE REGULATORY AGENCIES. THE VILLAGE SHALL DECIDE THE LOCATION AND NUMBER OF TESTS TO BE DONE.
  - B. CHLORINATION/DISINFECTION OF THE WATER MAIN SYSTEM SHALL BE ACCOMPLISHED BY CHLORINE GAS-WATER MIXTURE ONLY.
  - C. CHLORINATION OF THE WATER MAIN MUST BE WITNESSED BY A STAFF MEMBER OF THE VILLAGE ENGINEERING DEPARTMENT OR WATER DEPARTMENT. ALL CHLORINATING PROCEDURES WILL BE COMPLETED ON EITHER A MONDAY, TUESDAY OR WEDNESDAY; NO OTHER DAYS WILL BE ALLOWED BY THE VILLAGE.
19. FOLLOWING THE DISINFECTION AND FLUSHING PROCEDURES, SAMPLES SHALL BE COLLECTED FOR BACTERIOLOGICAL ANALYSIS ON TWO (2) SUCCESSIVE DAYS, BUT NOT LESS THAN 24 HOURS APART, FROM VARIOUS POINTS DETERMINED BY THE VILLAGE ON THE NEW PORTION OF THE SYSTEM (APPROXIMATELY EVERY 500 FEET (150 m)), SUBJECT TO EACH PROJECT'S UNIQUE CHARACTERISTICS).  
  
ALL SAMPLES WILL BE COLLECTED BY THE CONTRACTOR BUT WILL BE DELIVERED TO THE VILLAGE'S STATE CERTIFIED LABORATORY FOR ANALYSIS BY A STAFF MEMBER OF THE VILLAGE'S WATER DEPARTMENT. ALL LABORATORY COSTS SHALL BE BORNE BY THE CONTRACTOR AND HE/SHE WILL ARRANGE TO BE BILLED BY EITHER THE LABORATORY OR THE VILLAGE PRIOR TO ANY WATER MAIN STERILIZATION WORK.  
  
ALL LABORATORY TEST RESULTS MUST BE FURNISHED IN WRITING TO THE VILLAGE.  
  
CHLORINATION, FLUSHING AND WATER SAMPLING SHALL ALSO INCLUDE, WHEN NECESSARY, THE REMAINING PORTIONS OF THE EXISTING WATER MAIN SYSTEM AS DETERMINED BY THE VILLAGE.
20. ALL WATER MAIN VALVES WILL BE OPERATED BY VILLAGE PERSONNEL ONLY.
21. AT THE END OF THE DAY, THE CONTRACTOR WILL BARRICADE AND FENCE ALL OPEN TRENCH EXCAVATED AREAS, ALL OPEN MANHOLE AREAS AND ALL OPEN VALVE VAULT AREAS.
22. CASTINGS FOR VAULT ACCESS, FRAME AND CLOSED LID, SHALL CONFORM TO NEENAH FOUNDRY COMPANY CATALOG NO. R-1712, OR APPROVED EQUAL. THE SOLID LID (COVER) SHALL BEAR THE MARKING "WATER". CASTINGS PLACED ON PRECAST REINFORCED CONCRETE MASONRY UNITS SHALL BE SET IN A BITUMINOUS MASTIC BED; MORTAR WILL NOT BE ALLOWED.
23. PIPE FITTINGS (SEE STANDARD DETAILS):
  - A. FITTINGS SHALL BE DUCTILE IRON IN ACCORDANCE WITH ANSI A21.53/AWWA C153.
  - B. FITTING PRESSURE RATING: 350 PSI
  - C. RETAINER GLANDS FOR MECHANICAL JOINT FITTINGS
    1. MEGALUG JOINT RESTRAINT BY EBAA IRON CO. (SERIES 1100)
    2. UNI-FLANGE SERIES 1400 BY FORD
    3. PVC (SERIES 2000 PV) BY EBAA
    4. PVC (SERIES 1500) BY FORD
  - D. COUPLINGS FOR CONNECTING NEW WATER MAIN TO EXISTING WATER MAINS
    1. TYLER/UNION SOLID SLEEVE MJ C153 LONG FITTING
    2. SOME EXISTING WATER MAINS MAY HAVE NON-STANDARD EXTERNAL DIAMETERS, MEASURE EXISTING MAINS PRIOR TO ORDERING COUPLINGS (TYLER/UNION DUAL PURPOSE).
    3. ALL GLANDS MUST MEET PARAGRAPH "C" ABOVE.
  - E. TIE RODS AND BANDS FOR RESTRAINING COUPLINGS:
    1. STAINLESS STEEL OR MALLEABLE IRON
    2. CORROSION RESISTANT ALLOY OR COATED TO RESIST CORROSION
    3. ROD DIAMETER: 3/4" (20 mm) MINIMUM
    4. SUFFICIENT IN STRENGTH AND RESTRAINING ABILITY TO RESIST WORKING PRESSURES, TEST PRESSURES, AND SURGE PRESSURES IN WATER MAINS.
  - F. VALVE/FITTING CUT-IN SLEEVES
    1. MUELLER H-840 (GLAND SEE "C" ABOVE)
    2. TYLER/UNION DUAL PURPOSE
    3. ALL GLANDS MUST MEET PARAGRAPH "C" ABOVE.
  - G. TAPPING SLEEVE
    1. SMITH-BLAIR 665 STAINLESS STEEL FLANGE TAPPING SLEEVE
    2. OR APPROVED EQUAL
  - H. ANCHORING TEE
    1. TYLER MJ SWIVEL TEE
24. AFTER THE IEPA OPERATING PERMIT HAS BEEN ISSUED AND/OR WHEN APPROVED BY THE VILLAGE, ALL CORPORATION STOPS INSTALLED FOR TESTING PURPOSES WITHIN VAULTS, WILL BE REMOVED BY THE CONTRACTOR AND REPLACED WITH A BRASS PLUG. ANY CORPORATION STOPS INSTALLED FOR TESTING PURPOSES ELSEWHERE WILL BE REMOVED AND CLAMPED WITH AN ALL STAINLESS STEEL REPAIR SLEEVE. THIS WORK MUST BE WITNESSED BY A STAFF MEMBER OF THE VILLAGE ENGINEERING DEPARTMENT OR WATER DEPARTMENT.
25. WATER MAINS AND WATER SERVICES SHALL BE INSTALLED AT LEAST 10' (3.0 m) HORIZONTAL AWAY FROM BUILDINGS AND FROM ANY DUPAGE WATER COMMISSION WATER MAIN UNLESS ADEQUATE PRECAUTIONS, AS DETERMINED BY THE VILLAGE, ARE TAKEN.
26. WHERE SPECIFIED IN THE PLANS OR WHERE DIRECTED IN THE FIELD BY THE VILLAGE, SPECIAL HYDRANT TEES SHALL BE USED WHICH CONFORM TO TYLER CATALOG NO. 5-119, OR APPROVED EQUAL.
27. WATER MAINS SHALL BE INSTALLED WITH 4 INCHES (100 mm) OF CA-6 BEDDING UNDER THE PIPE, CA-6 HAUNCHING UP TO THE MIDDLE OF THE PIPE, AND CA-6 INITIAL BACKFILL TO 1 FOOT (0.3 m) ABOVE THE TOP OF THE PIPE.

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	PLOT SCALE = 50,0000 ' / IN.	DRAWN - CRH	REVISED -			1453	55WRS	DuPAGE	362	121	
	PLOT DATE = 8/5/2009	CHECKED - DWB	REVISED -			CONTRACT NO. 60D12					
		DATE - 07/24/2009	REVISED -			FED. ROAD DIST. NO. 7 ILLINOIS FED. AID PROJECT					
						SCALE: NONE	SHEET NO. 121 OF 362 SHEETS				



- DIRECTIONALLY BORED WATER MAIN OR SERVICE
- PROPOSED VALVE AND VALVE VAULT, TYPE A
- PROPOSED FIRE HYDRANT W/AUXILIARY VALVE AND VALVE BOX
- PROPOSED WATER MAIN ELEVATIONS AT STORM AND SANITARY SEWER CROSSINGS. SEE SHEET 126



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USER NAME = BAW\sort  
 DESIGNED - RMC  
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 CHECKED - DWB  
 PLOT DATE = 3/31/2010

DATE - 4/1/2010

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**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

**22nd STREET WATER MAIN PLAN**

SCALE: 1"=50'    SHEET NO. 122 OF 362 SHEETS    STA. 200+00 TO STA. 224+00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1453	55WRS	DUPAGE	362	122

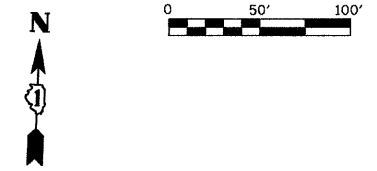
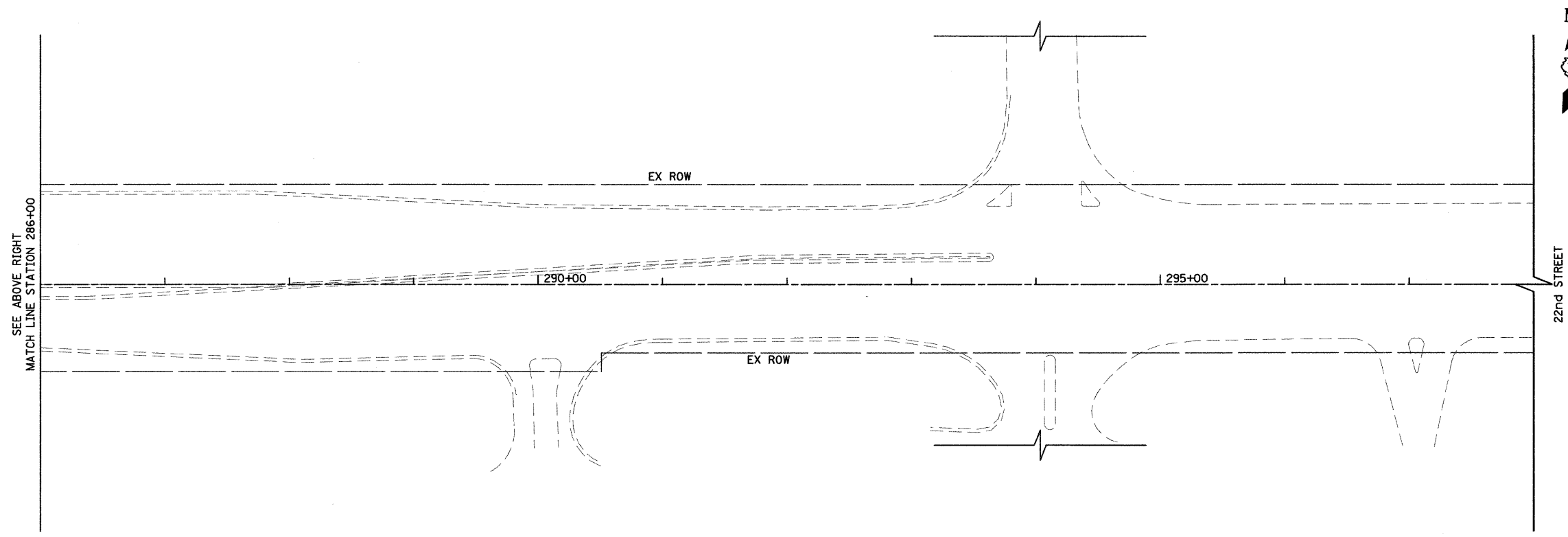
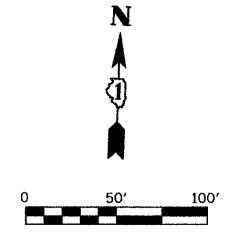
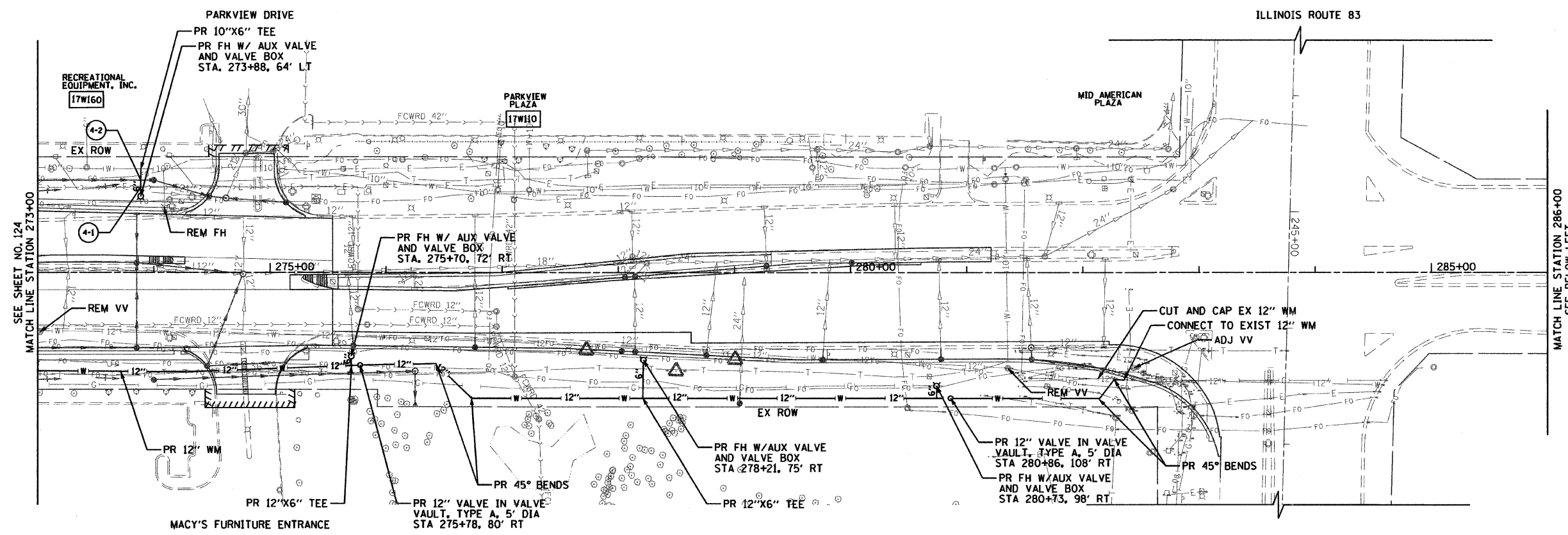
CONTRACT NO. 60D12

FED. ROAD DIST. NO. 7 ILLINOIS FED. AID PROJECT









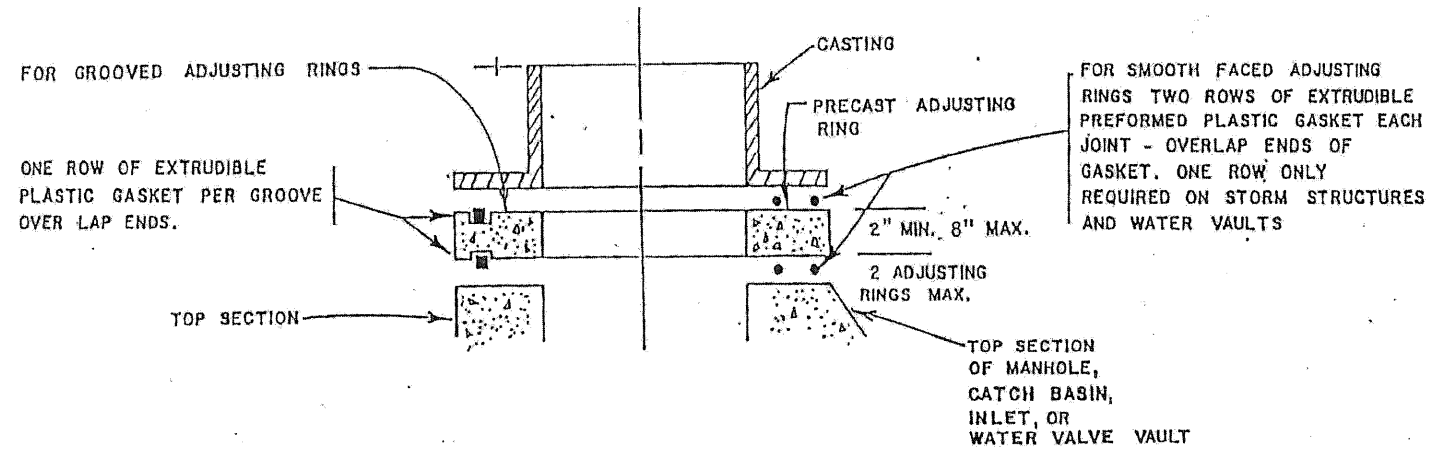
- DIRECTIONALLY BORED WATER MAIN OR SERVICE
- PROPOSED VALVE AND VALVE VAULT, TYPE A
- PROPOSED FIRE HYDRANT W/AUXILIARY VALVE AND VALVE BOX
- PROPOSED WATER MAIN ELEVATIONS AT STORM AND SANITARY SEWER CROSSINGS. SEE SHEET 126

FILE NAME = gr\ch07\0061\road\sheet\0160012-SHT-WM-7-B.dgn	USER NAME = BAW\start	DESIGNED - RMC	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>22nd STREET WATER MAIN PLAN</b>			F.A.U. RTE. 1453	SECTION 55WRS	COUNTY	TOTAL SHEETS 362	SHEET NO. 125
PLOT SCALE = 5/8" = 50' / IN.	CHECKED - DWB	DATE - 4/1/2010	REVISED -		SCALE: 1"=50'	SHEET NO. 125 OF 362 SHEETS	STA. 273+00	TO STA. 298+00	CONTRACT NO. 60D12			
PLOT DATE = 3/31/2010	DATE - 4/1/2010	REVISED -			FED. ROAD DIST. NO. 7 (ILLINOIS) FED. AID PROJECT							

**PROPOSED WATER MAIN ELEVATIONS AT STORM AND SANITARY SEWER CROSSINGS**

LOCATION	FINISH GRADE	TOP OF WATER MAIN	BOTTOM OF WATER MAIN	INVERT OF STORM/SAN	TOP/BOTTOM OF STORM/SAN	CLEARANCE
1-1	710.6	702.8	-	704.7	704.4 (B/STM)	1.6'
1-2	716.2	710.7	709.8	703.5	704.6 (T/SAN)	5.2'
1-3	718.5	713.0	712.1	708.2	711.5 (T/STM)	0.6'
1-4	719.5	714.0	-	716.0	715.8 (B/STM)	1.8'
1-5	716.2	711.9	-	715.5	715.3 (B/STM)	3.4'
2-1	718.5	710.6	-	712.4	712.1 (B/STM)	1.5'
2-2	715.0	709.5	708.6	696.3	697.4 (T/SAN)	11.2'
2-3	715.5	710.0	709.1	703.8	704.9 (T/SAN)	4.2'
2-4	715.0	707.4	-	709.2	708.9 (B/STM)	1.5'
2-5	710.6	704.1	703.5	696.5	697.6 (T/SAN)	5.9'
2-6	708.7	703.4	-	705.1	704.9 (B/STM)	1.5'
2-7	711.5	706.0	-	708.7	708.5 (B/STM)	2.5'
2-8	711.0	707.0	706.8	703.3	706.6 (T/STM)	0.2'
2-9	709.0	703.2	-	704.9	704.7 (B/STM)	1.5'
2-10	711.5	706.5	-	709.2	709.0 (B/STM)	2.5'
2-11	710.0	701.2	-	703.0	702.7 (B/STM)	1.5'
2-12	709.5	703.1	-	704.8	704.6 (B/STM)	1.5'
2-13	710.0	701.1	-	702.9	702.6 (B/STM)	1.5'
2-14	706.1	700.3	-	702.0	701.8 (B/STM)	1.5'
2-15	706.0	700.5	-	702.2	702.0 (B/STM)	1.5'
2-16	705.2	701.3	700.7	697.8	699.0 (T/STM)	1.7'
2-17	704.7	702.1	701.0	697.5	698.7 (T/STM)	2.3'
3-1	697.5	691.8	-	693.5	693.3 (B/STM)	1.5'
3-2	693.0	687.5	686.9	684.1	685.2 (T/SAN)	1.7'
3-3	696.0	690.5	689.9	685.6	687.9 (T/STM)	2.0'
3-4	694.9	686.8	-	691.5	691.3 (B/STM)	4.5'
3-5	695.0	690.4	689.5	687.0	689.0 (T/STM)	0.5'
3-6	695.0	689.5	688.6	683.4	684.5 (T/SAN)	4.1'
3-7	693.5	685.9	-	688.2	688.0 (B/STM)	2.1'
3-8	698.5	693.0	692.1	682.8	683.9 (T/SAN)	8.2'
3-9	693.0	687.5	-	689.3	689.1 (B/STM)	1.6'
3-10	692.0	686.5	685.6	682.8	683.9 (T/SAN)	1.7'
3-11	689.0	683.5	682.9	678.9	680.0 (T/SAN)	2.9'
3-12	687.4	681.9	682.4	683.6	683.4 (B/STM)	1.5'
3-13	688.5	683.0	682.4	679.0	680.1 (T/SAN)	2.3'
3-14	687.5	683.5	682.4	680.8	681.6 (T/SAN)	0.8'
3-15	688.6	682.5	-	684.3	684.0 (B/STM)	1.5'
4-1	686.5	681.5	680.9	679.0	680.1 (T/SAN)	0.8'
4-2	686.0	680.0	-	681.7	681.5 (B/STM)	1.5'

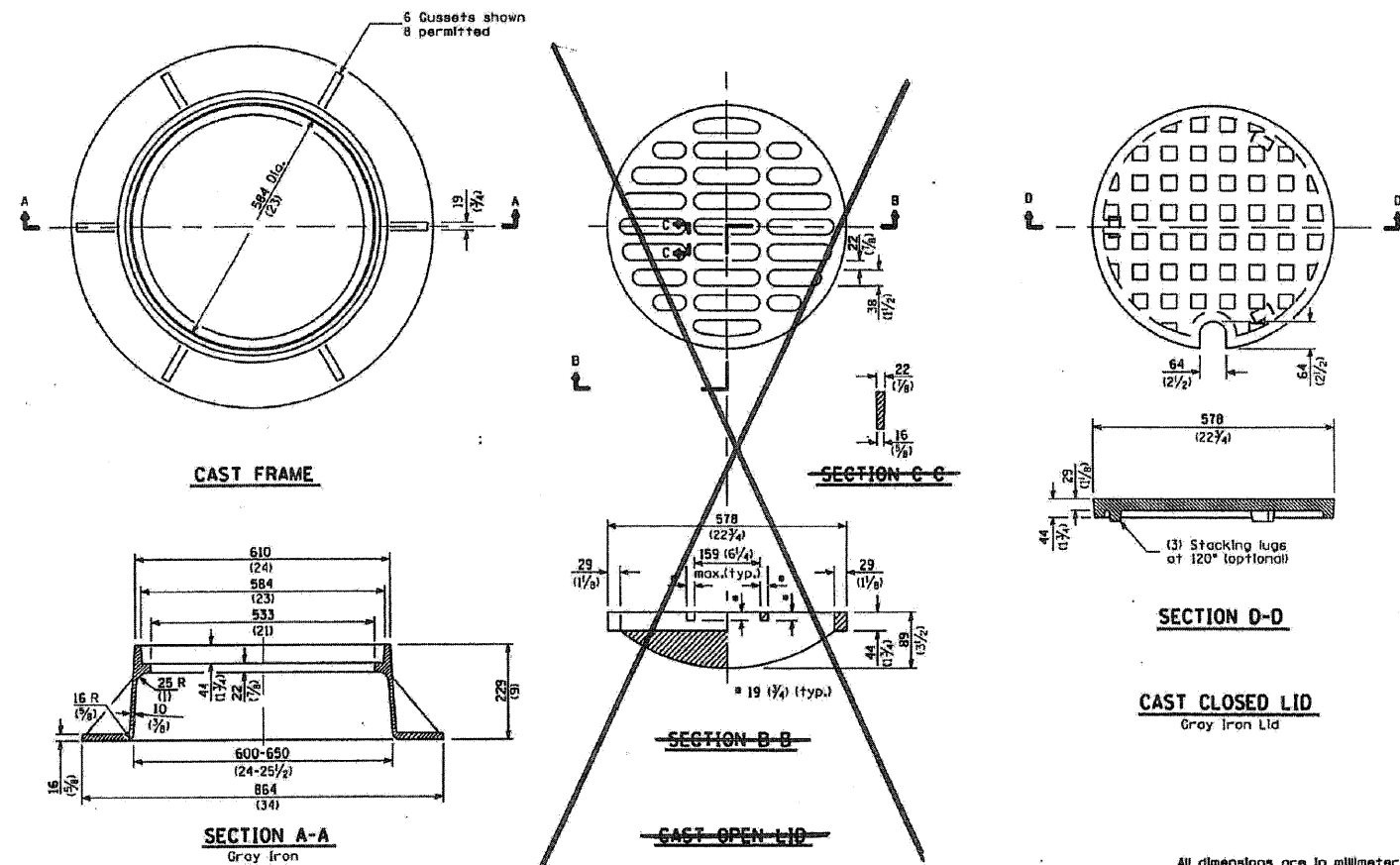
FILE NAME =	USER NAME = BAW:stort	DESIGNED - CRH	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>22nd STREET WATER MAIN ELEVATIONS</b>	F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
g:\ch07\0061\road\sheet\0160012-SHT-WM	EL.dgn	DRAWN - CRH	REVISED -			1453	55WRS	DUPAGE	362	126
PLOT SCALE = 50.0000' / IN.	CHECKED - DWB	REVISED -				CONTRACT NO. 60D12				
PLOT DATE = 3/31/2010	DATE - 4/1/2010	REVISED -				SCALE: NONE	SHEET NO. 126 OF 362 SHEETS	FED. ROAD DIST. NO. 7 [ILLINOIS] FED. AID PROJECT		



**CASTING ADJUSTMENT**

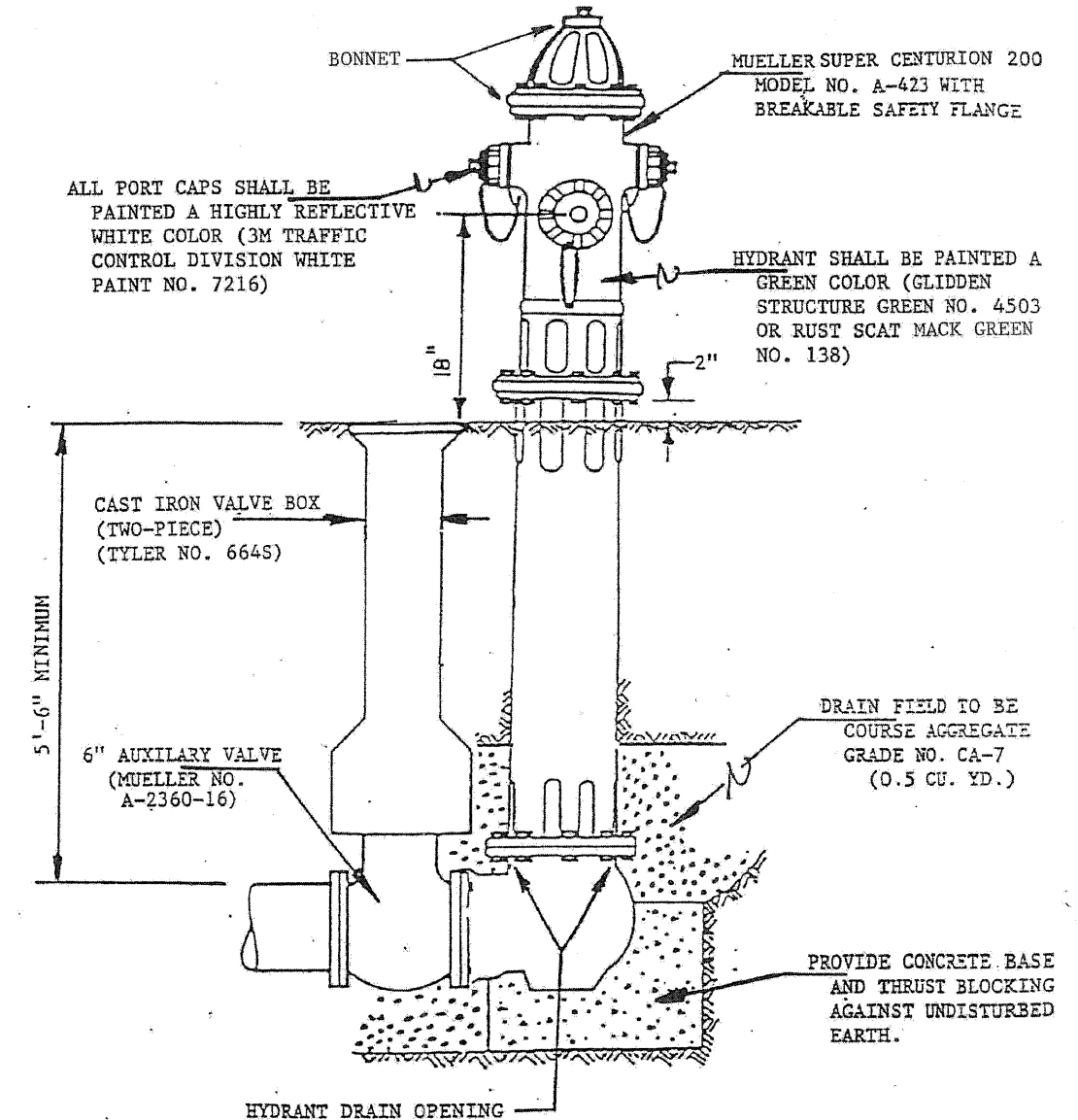
THE BONNET SHALL BE PAINTED THE COLOR SHOWN BELOW WHICH DEPICTS THE SIZE OF THE ADJACENT/CONNECTED WATER MAIN:

WATER MAIN SIZE	BONNET COLOR	PAINT SPECIFICATION
6 INCH	RED	GLIDDEN CO. PAINT NO. 4520, SAFETY RED ALKYD GLOSS ENAMEL
8 INCH	YELLOW	GLIDDEN CO. PAINT NO. 4540, SAFETY YELLOW ALKYD GLOSS ENAMEL
10 INCH	GREEN	GLIDDEN CO. PAINT NO. 4503, STRUCTURE GREEN OR RUST SCAT MACK GREEN NO. 138
12 INCH	BLUE	GLIDDEN CO. PAINT NO. 4580, SAFETY BLUE ALKYD DEEP TINT BASE
16 INCH	BROWN	GLIDDEN CO. PAINT NO. 4537, SAFETY BROWN ALKYD GLOSS ENAMEL



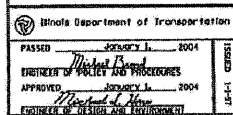
**"SANITARY" or "STORM" or "WATER" on lid**

DATE	REVISIONS	FRAME AND LIDS TYPE 1
1-1-04	Removed weights.	STANDARD 604001-02
1-1-02	Changed wall thickness from 3/8 to 1/2.	



**HYDRANT DETAILS**

NOTE; CONCRETE BASE AND BLOCKING MATERIAL SHALL NOT BLOCK NOR OBSTRUCT HYDRANT DRAIN.



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STD.dgn		DRAWN - CRH	REVISED -
PLOT SCALE = 50.0000' / IN.		CHECKED - DWB	REVISED -
PLOT DATE = 8/5/2009		DATE - 07/24/2009	REVISED -

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

WATER MAIN DETAILS

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1453	55WRS	DuPAGE	362	127
CONTRACT NO. 60D12				

SCALE: NONE SHEET NO. 127 OF 362 SHEETS

FED. ROAD DIST. NO. 7 ILLINOIS FED. AID PROJECT

MEGALUG® SERIES 1100  
Mechanical Joint Restraint for Ductile Iron Pipe

SAMPLE SPECIFICATION

Mechanical joint restraint shall be incorporated into the design of the follower gland. The restraining mechanism shall consist of individually actuated wedges that increase their resistance to pull-out as pressure or external forces increase. The device shall be capable of full mechanical joint deflection during assembly and the flexibility of the joint shall be maintained after burial. The joint restraint ring and its wedging components shall be made of grade 60-42-10 ductile iron conforming to ASTM A536-84. The wedges shall be ductile iron heat treated to a minimum hardness of 370 BHN. Dimensions of the gland shall be such that it can be used with the standardized mechanical joint bell conforming to ANSI/AWWA C111/A21.11 and ANSI/AWWA C153/A21.53 of the latest revision. Torque limiting twist-off nuts shall be used to insure proper actuation of the restraining wedges. The mechanical joint restraint shall be available in the three through forty-eight inch sizes. They shall have a rated working pressures of 350 psi in sizes sixteen inch and smaller and 250 psi in sizes eighteen inch through forty-eight inch. The devices shall be Listed by Underwriters Laboratories up through the twenty-four inch size and Approved by Factory Mutual up through the twelve inch size. The restraint shall be the Series 1100 MEGALUG® restraint as produced by EBAA Iron, Inc. or approved equal.

BRIEF SPECIFICATIONS FOR 1100 SERIES

NOMINAL PIPE SIZE	SERIES NUMBER	APPROX. SHIPPING WT. (LBS.)	RATED PRESSURE 2:1
3	1103	6.1	350
4	1104	7.2	350
6	1106	12.0	350
8	1108	16.0	350
10	1110	24.9	350
12	1112	32.7	350
14	1114	49.7	350
16	1116	58.2	350
18	1118	62.2	250
20	1120	74.8	250
24	1124	138.8	250
30	1130	195.4	250
36	1136	256.5	250
42	1142	510.2	250
48	1148	712.0	250

- For test pressures above the rated pressures shown, consult the engineering department of EBAA Iron, Inc., for recommendations. EBAA Seal gaskets are provided with the 30" through 48" MEGALUG restraints. Also provided with the 42" and 48" sizes are extra length T-bolts. The gaskets and bolts are provided to facilitate easier assembly of the mechanical joint and are required on the above referenced sizes to obtain the pressure ratings and safety factors shown.

- For projects using large diameter restraints, please contact this office for our design recommendations.

- All of the Megalug components are made of ductile iron. The wedges are heat treated to a hardness range of 370 to 470 BHN. The product is coated with the same asphaltic coating specified for the pipe and fittings.

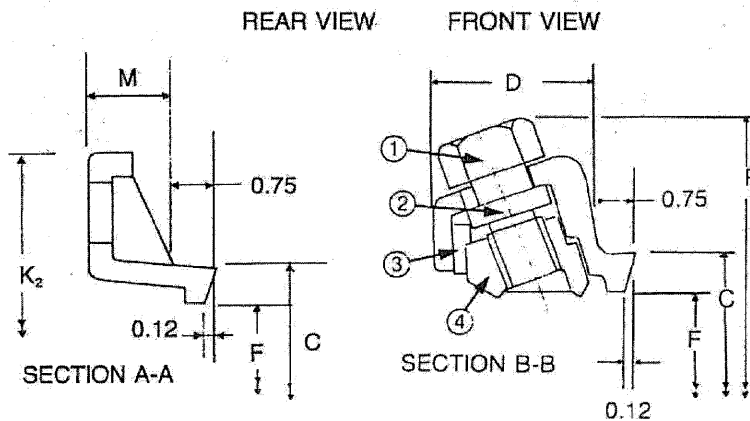
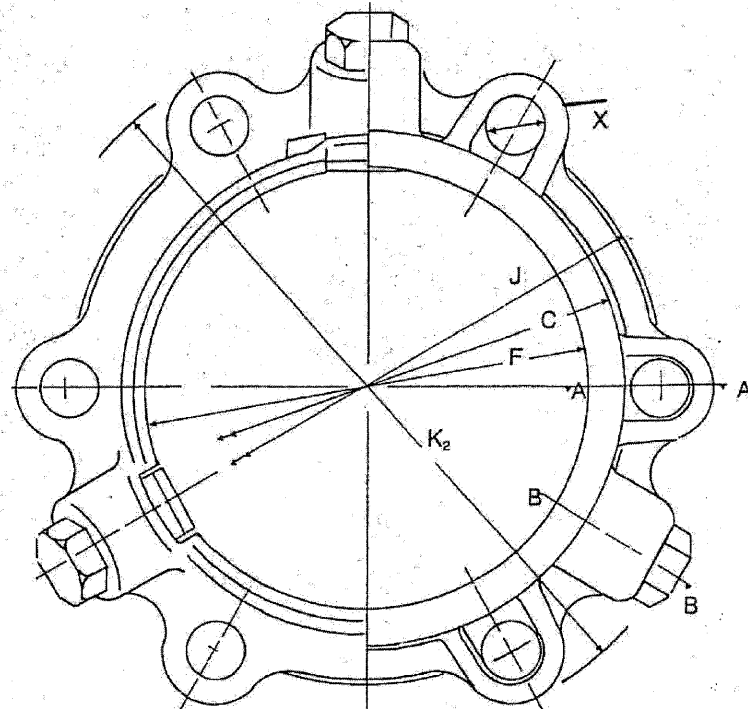
- The 1100 Series is intended for use on ductile iron pipe. The restraint can be used on grey iron pipe if the pipe is not severely corroded and is in sound condition and has an outside diameter that can be accommodated. For more information on the use of the MEGALUG restraint on grey iron pipe ask for Connections™ Bulletin number DI-1.

- The 1100 series should not be used on plain end fittings.

- If you experience the need to install the 1100 series in an unconventional manner please consult EBAA Iron for recommendations.

LISTINGS AND APPROVALS FOR SERIES 1100 MEGALUG

Sizes 3" through 24" are listed by Underwriters Laboratories, Inc., category HJKF "Fittings, Retainer Type," with a deflection angle of five degrees (3" through 12") and two and a half degrees (14" through 24"). The listing file number is EX2836. Sizes 3" through 12" are Factory Mutual approved.



- ① NUT
- ② SHOULDER BOLT
- ③ SPACER
- ④ WEDGE

SERIES	C	D	F	J	M	X	NO. OF WEDGES	NO. OF BOLTS	P	P W/NUTS TWISTED OFF	K <sub>2</sub>
1103	4.84	2.27	4.06	6.19	0.62	1/4	2	4	9.36	9.06	7.69
1104	5.92	2.27	4.90	7.50	0.75	1/4	2	4	10.20	9.90	9.12
1106	8.02	2.27	7.00	9.50	0.88	1/4	3	6	12.30	12.00	11.12
1108	10.17	2.31	9.15	11.75	1.00	1/4	4	6	14.45	14.15	13.37
1110	12.22	2.37	11.20	14.00	1.00	1/4	6	8	16.50	16.20	15.62
1112	14.32	2.37	13.30	16.25	1.25	1/4	8	8	18.60	18.30	17.88
1114	16.40	2.69	15.44	18.75	1.50	1/4	10	10	20.64	20.94	20.25
1116	18.50	2.69	17.54	21.00	1.56	1/4	12	12	22.60	22.90	22.50
1118	20.60	2.69	19.64	23.25	1.63	1/4	12	12	24.70	25.00	24.75
1120	22.70	2.69	21.74	25.50	1.69	1/4	14	14	26.80	27.10	27.00
1124	26.90	3.20	25.94	30.00	1.81	1/4	16	16	32.94	32.64	31.50
1130	33.29	3.20	32.17	36.88	2.25	1/4	20	20	39.17	38.87	39.12
1136	39.59	3.20	38.47	43.75	2.25	1/4	24	24	45.47	45.17	46.00
1142	45.79	4.56	44.67	50.62	3.88	1/4	28	28	55.87	55.57	53.48
1148	52.09	4.56	50.97	57.50	3.88	1/4	32	32	62.17	61.87	60.36

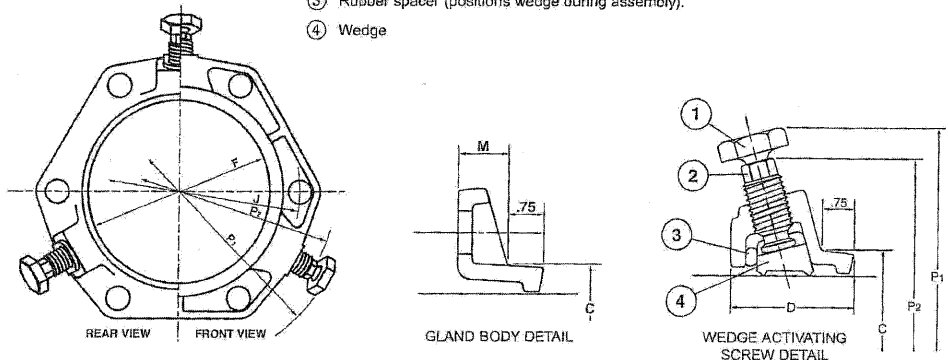
P.O. Box 857  
Eastland, Texas 76448 USA  
CALL TOLL FREE 800-433-1716  
Phone: 254-629-1731  
Telefax: 254-629-8931  
ebaa@eastland.net  
http://www.ebaa.com

FILE NAME =	USER NAME = BAW:ort	DESIGNED - CRH	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	WATER MAIN DETAILS	F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
g:\ch07\0061\rced\shoets\0160012-SHT-WM	STD.dgn	DRAWN - CRH	REVISED -			1453	55WRS	DuPAGE	362	128	
PLOT SCALE = 50.0000' / IN.	CHECKED - DWB	REVISED -	SCALE: NONE			SHEET NO. 128 OF 362 SHEETS		CONTRACT NO. 60D12			
PLOT DATE = 8/5/2009	DATE - 07/24/2009	REVISED -	FED. ROAD DIST. NO. 7 ILLINOIS FED. AID PROJECT								

# Uni-Flange® Series 1400

## Information - Wedge Action Retainer Gland for Ductile Iron Pipe

- ① Auto-Tork® break-away head, 1-1/4" across the flat. (same as 3/4" heavy hex nut)
- ② 5/8" hex-head, operating screw.
- ③ Rubber spacer (positions wedge during assembly).
- ④ Wedge



Series 1400 Retainer Gland for Ductile Iron Pipe

NOM. PIPE SIZE	O.D.	CATALOG NUMBER	PRESSURE RATING (psi)	No. OF WEDGES	APPROX. WEIGHT (LBS.)	P1*	P2**	C	D	F	M	J
3	3.80	UFR1400-D-3	350	2	6.0	11.04	9.06	2.84	2.65	4.06	0.68	6.19
4	4.80	UFR1400-D-4	350	2	6.5	11.9	10.0	5.92	2.65	4.90	0.88	7.50
6	6.90	UFR1400-D-6	350	3	10	14.0	12.1	8.02	2.65	7.00	0.88	9.50
8	9.05	UFR1400-D-8	350	4	12	16.2	14.3	10.17	2.65	9.15	1.10	11.75
10	11.10	UFR1400-D-10	350	6	23	18.2	16.3	12.22	2.75	11.20	1.10	14.00
12	13.20	UFR1400-D-12	350	8	27	20.3	18.4	14.32	2.75	13.30	1.10	16.25
14	15.30	UFR1400-D-14	350	10	46	22.9	20.9	16.40	3.00	15.44	1.50	18.75
16	17.40	UFR1400-D-16	350	12	52	25.0	23.0	18.50	3.00	17.54	1.56	21.00
18	19.50	UFR1400-D-18	250	12	69	28.1	25.8	20.60	3.05	19.64	1.65	23.25
20	21.60	UFR1400-D-20	250	14	76	30.2	27.9	22.70	3.10	21.75	1.70	25.50
24	25.80	UFR1400-D-24	250	16	96	34.4	32.1	26.90	3.20	25.94	1.85	30.00
30	32.00	*** UFR1400-D-30	250	20	183	40.6	38.6	33.29	3.55	32.17	2.25	36.88
36	38.30	*** UFR1400-D-36	250	24	223	46.9	44.9	39.59	3.76	38.47	2.25	43.75

\* Maximum O.D. of gland on pipe before break-away heads have been removed (as received).  
 \*\* Maximum O.D. of gland on pipe after wedges have been activated and break-away heads have been removed.  
 \*\*\* 30" and 36" sizes include a Uni-Seal gasket.

Note: 4" - 12" oversized 1400 Retainer Glands are available for Class C and D gray cast iron (Color Coded Gray). To order these oversized units, add "-XL" to the end of the catalog number. Example: UFR1400-D-6-XL.

TABLE 2  
Allowable Leakage for Pipeline per 1,000 ft - gph

Avg. Test Pressure psi	Pipe Size in Inches															
	2	3	4	6	8	10	12	14	16	18	20	24	30	36	42	48
200	0.21	0.32	0.43	0.64	0.85	1.06	1.28	1.48	1.70	1.91	2.12	2.55	3.19	3.82	4.46	5.09
175	0.20	0.30	0.40	0.59	0.80	0.99	1.19	1.39	1.59	1.79	1.98	2.38	2.98	3.58	4.17	4.77
150	0.19	0.28	0.37	0.55	0.74	0.92	1.10	1.29	1.47	1.66	1.84	2.21	2.76	3.31	3.86	4.41
125	0.17	0.25	0.34	0.50	0.67	0.84	1.01	1.18	1.34	1.51	1.68	2.01	2.52	3.02	3.53	4.03
100	0.15	0.23	0.30	0.45	0.60	0.75	0.90	1.05	1.20	1.35	1.50	1.80	2.25	2.70	3.15	3.60
80	0.14	0.20	0.27	0.41	0.54	0.68	0.81	0.95	1.08	1.22	1.35	1.62	2.03	2.44	2.84	3.25
60	0.12	0.18	0.23	0.35	0.47	0.59	0.70	0.82	0.94	1.06	1.17	1.41	1.76	2.11	2.46	2.82

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~~TABLE 3  
Allowable Leakage for Cement Asbestos Pipe 13' Lengths per 100 couplings - gph~~

Avg. Test Pressure psi	Pipe Size in Inches												
	4	6	8	10	12	14	16	18	20	24	30	36	42
200	1.42	2.12	2.84	3.54	4.24	4.96	5.68	6.37	7.08	8.50	10.62	12.74	14.86
175	1.32	1.98	2.64	3.40	3.96	4.62	5.27	5.93	6.58	7.91	9.88	11.88	13.85
150	1.23	1.84	2.45	3.07	3.68	4.28	4.89	5.52	6.12	7.34	9.18	11.02	12.82
125	1.12	1.68	2.24	2.79	3.35	3.91	4.47	5.02	5.58	6.69	8.37	10.07	11.78
100	1.00	1.51	2.00	2.50	3.00	3.50	4.01	4.52	5.00	6.00	7.51	9.01	10.48
75	0.87	1.29	1.72	2.15	2.58	3.01	3.44	3.87	4.30	5.16	6.45	7.75	9.08
50	0.71	1.06	1.42	1.77	2.12	2.48	2.83	3.18	3.54	4.24	5.30	6.37	7.42

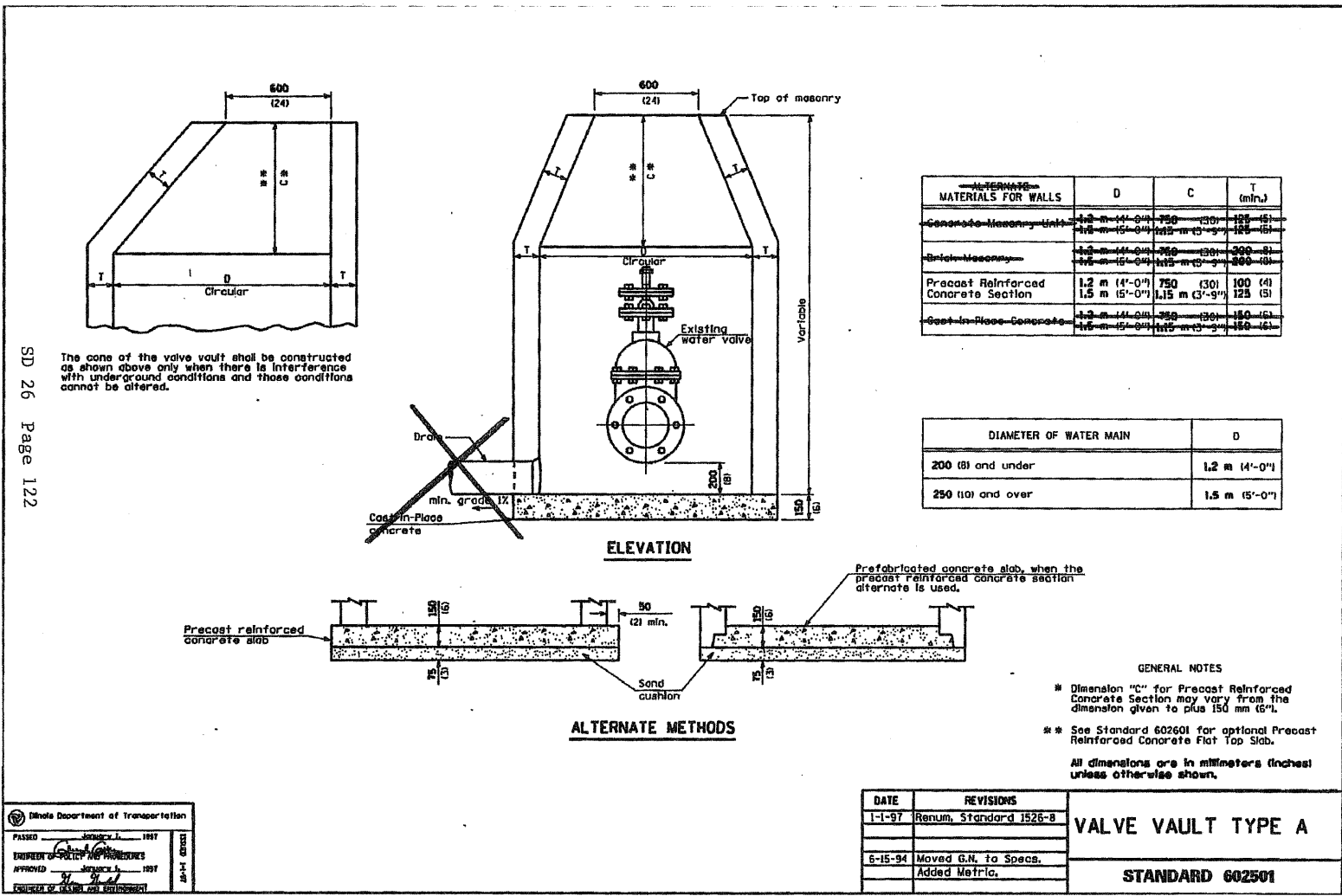
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ALLOWABLE LEAKAGE FOR PIPELINE - CEMENT-ASBESTOS PIPE

\*The data are based on 150 psi and represent a leakage of approximately 30 gpd per mile of pipe per in. of pipe diameter, for pipe in 13-ft lengths.

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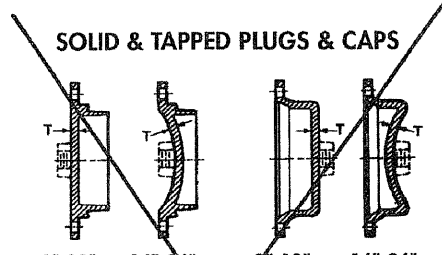


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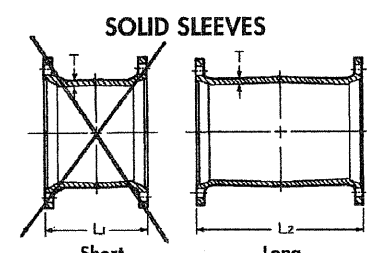
# Tyler/Union

## MECHANICAL JOINT C153 DUCTILE IRON COMPACT FITTINGS

Sizes 3" thru 12" UL Listed For Fire Main Equipment



Size	Dimensions		Weights	
	T	Max Tap	Plugs	Caps
3	.46	2	8	8
4	.46	2	8	10
6	.46	2	18	17
8	.46	2	26	25
10	.56	2	36	35
12	.56	2	46	44
14	.62	2	79	85
16	.62	2	100	93
18	.65	2	130	122
20	.66	2	160	152
24	.68	2	202	202

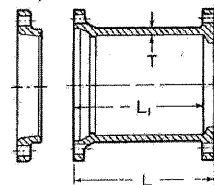


Size	T	Dimensions		Weights	
		L <sup>1</sup>	L <sup>2</sup>	Short	Long
3	.34	7.5	12	13	19
4	.35	7.5	12	17	24
6	.37	7.5	12	28	39
8	.39	7.5	12	38	53
10	.41	7.5	12	49	68
12	.43	7.5	12	56	82
14	.56	9.5	15	111	141
16	.57	9.5	15	137	172
18	.68	9.5	15	160	200
20	.69	9.5	15	212	269
24	.75	9.5	15	272	377

# Tyler/Union

## MECHANICAL JOINT C153 DUCTILE IRON COMPACT FITTINGS Sizes 3" thru 12" UL Listed For Fire Main Equipment

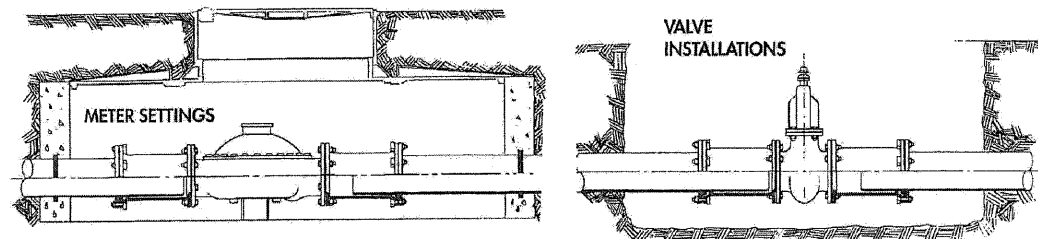
### DUAL PURPOSE CUTTING-IN SLEEVE



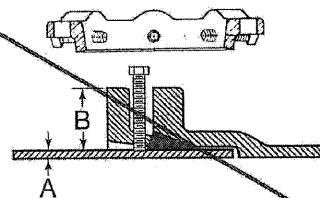
MJ x FE Cutting-In Sleeve with Dual Purpose Accessories						
Size	For Pipe Size	Dimensions L	L'	T	Shipping Wt. Assembled	
4	4.80-5.00 O.D.	10	9.5	.35	33	
6	6.90-7.10 O.D.	10	9.5	.37	50	
8	9.05-9.30 O.D.	10	9.5	.39	67	
10	11.10-11.40 O.D.	10	9.5	.41	122	
12	13.20-13.50 O.D.	10	9.5	.43	157	

Flanged ends are faced and drilled per ANSI/AWWA C110/A21.10. Mechanical joint ends are designed to receive both standard and oversize gray or ductile iron pipe as shown above.

### TYPICAL CUTTING-IN SLEEVE INSTALLATIONS



### \*RETAINER GLAND ASSEMBLY



See Installations Instructions ..... Page 51

Size	Pressure Rating, psi	Gland O.D. B	Pipe O.D. A	D.I. Pipe Class	No of Set Screws	Size of Set Screws	Gland Weight	Weight w/Access.
3	350	7.69	3.96	50-56	4	5/8x2	7	7
4	350	9.12	4.80	50-56	4	5/8x2	5	13
6	350	11.12	6.90	50-56	6	5/8x2	9	20
8	250	13.37	9.05	50-56	9	5/8x2	13	25
10	250	15.62	11.10	50-56	12	5/8x2	17	33
12	150	17.88	13.20	50-56	16	5/8x2	20	38
14	250	20.25	15.30	53-56	20	5/8x2 1/2	44	55
16	200	22.50	17.40	53-56	24	5/8x2 1/2	54	64
18	200	24.75	19.50	53-56	24	5/8x2 1/2	62	72
20	200	27.00	21.60	53-56	28	5/8x3	76	91
24	150	31.50	25.80	53-56	32	5/8x3	103	118

\* Not included in AWWA C110

### Pipe Wall Thickness:

Sizes 3"-12" are recommended for ductile iron pipe class 50 thru 56. Sizes 14" thru 24" are recommended for ductile iron pipe class 53 thru 56.

### DUCTILE IRON RETAINER GLANDS

Mechanical Joint Retainer Glands are designed to provide a method for restraining mechanical joint pipe and fittings and other standardized mechanical joints against possible joint separation, rupture or blow-out caused by internal water pressure.

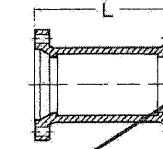
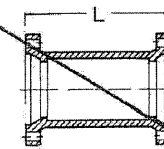
The set screws are square-headed with Type C knurled cup points, and are shipped already assembled in the Glands. They are manufactured of 4140 grade alloy steel, and are heat treated to a Rockwell "C" 45/53 case hardness. Tee-head bolts and gaskets are not included, but may be ordered separately. Recommended torque for set screws is 75 foot pounds, and set screws on opposite sides of the glands should be tightened alternately.

Tee-head bolt hole size and spacing are equal to MJ Glands as shown in AWWA C-111. Standard mechanical Joint gaskets as shown in C-111 should be used.

# Tyler/Union

## DUCTILE IRON C110 FULL BODY MECHANICAL JOINT FITTINGS

### SOLID SLEEVES



Standard						* Dual Purpose †					
Size	Pipe O.D.	Short		Long		Size	Pipe O.D.	Short		Long	
		L	Weight	L	Weight			L	Weight	L	Weight
*2	2.50	8.0	13	12	18	4	4.80/5.00	7.5	35	12	45
3	3.96	7.5	...	12	30	6	6.90/7.10	7.5	45	12	65
4	4.80	7.5	35	12	45	8	9.05/9.30	7.5	65	12	85
6	6.90	7.5	45	12	65	10	11.10/11.40	...	...	12	115
8	9.05	7.5	65	12	85	†12	13.20/13.50	...	...	12	221
10	11.10	7.5	85	12	115	†16	17.40/17.80	...	...	15	385
12	13.20	7.5	110	12	153						
16	17.40	9.5	200	15	283						
18	19.50	9.5	240	15	330						
20	21.60	9.5	275	15	384						
24	25.80	9.5	360	15	505						
30	32.00	15.0	745	24	1085						
36	38.30	15.0	1047	24	1502						

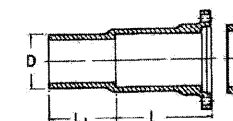
\* Not included in AWWA C110

### \* MJ x PE DUAL-PURPOSE CUTTING-IN SLEEVE

#### With Dual-Purpose Accessories

(NOTES: Gland with cup-joint set screws available at extra cost when specified. NOT FOR RESTRAINT.)  
Currently, Tyler and Union DP Glands are NOT interchangeable.

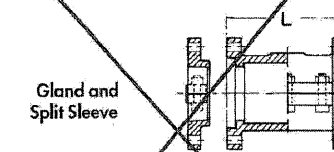
#### Cutting-In Sleeve & Gland



Size	For Use On Pipe O.D.	L	L'	D	Weight	
					Gland Only	Gland & Sleeve
4	4.80 - 5.00	12	8	4.80	9.5	72
6	6.90 - 7.10	12	8	6.90	13.0	94
8	9.05 - 9.30	12	8	9.05	20.0	122
10	11.10 - 11.40	12	8	11.10	24.0	175
12	13.20 - 13.50	12	8	13.20	30.0	235

\* Not included in AWWA C110.

### SPLIT REPAIR SLEEVE WITH ACCESSORIES

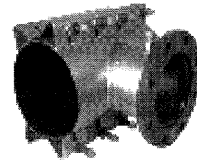


Size	L	*Weight	Gland Only
4	15	115	9
6	18	165	16
8	18	215	24

\*Weights include all accessories assembled.



**664 - Carbon Flange Tapping Sleeve**  
**665 - Stainless Steel Flange Tapping Sleeve**  
**Stainless Steel Body and Neck**  
 ANS/NSF® 61 Listed



**Material Specifications**

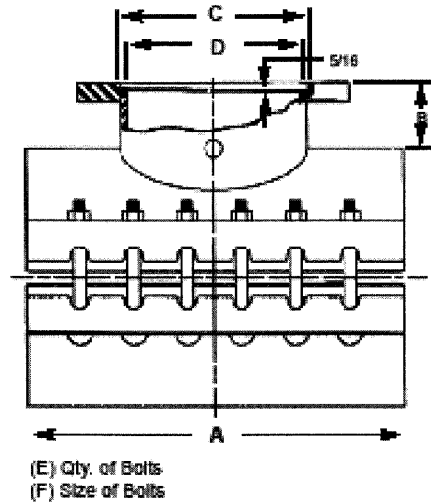
**Body:** Full circumference band.  
18-8 type 304 stainless steel.

**Flanges:** AWWA C207 Class D, ANSI 150# drilling.  
Recessed for Tapping Valve Per MSS-SP 60.  
Fusion bonded, Flexi-Coat® epoxy coated carbon steel on 664.  
18-8 type 304 stainless steel flange on 665.  
Optional: Other types of Flanges, threaded outlets, MJ Outlets

**Gasket:** Nitrile (Buna-N) NSF® 61 listed-compounded to resist water, oil, acids, alkalis, most (aliphatic) hydrocarbon fluids and many chemicals.  
Temperatures up to 180°F.

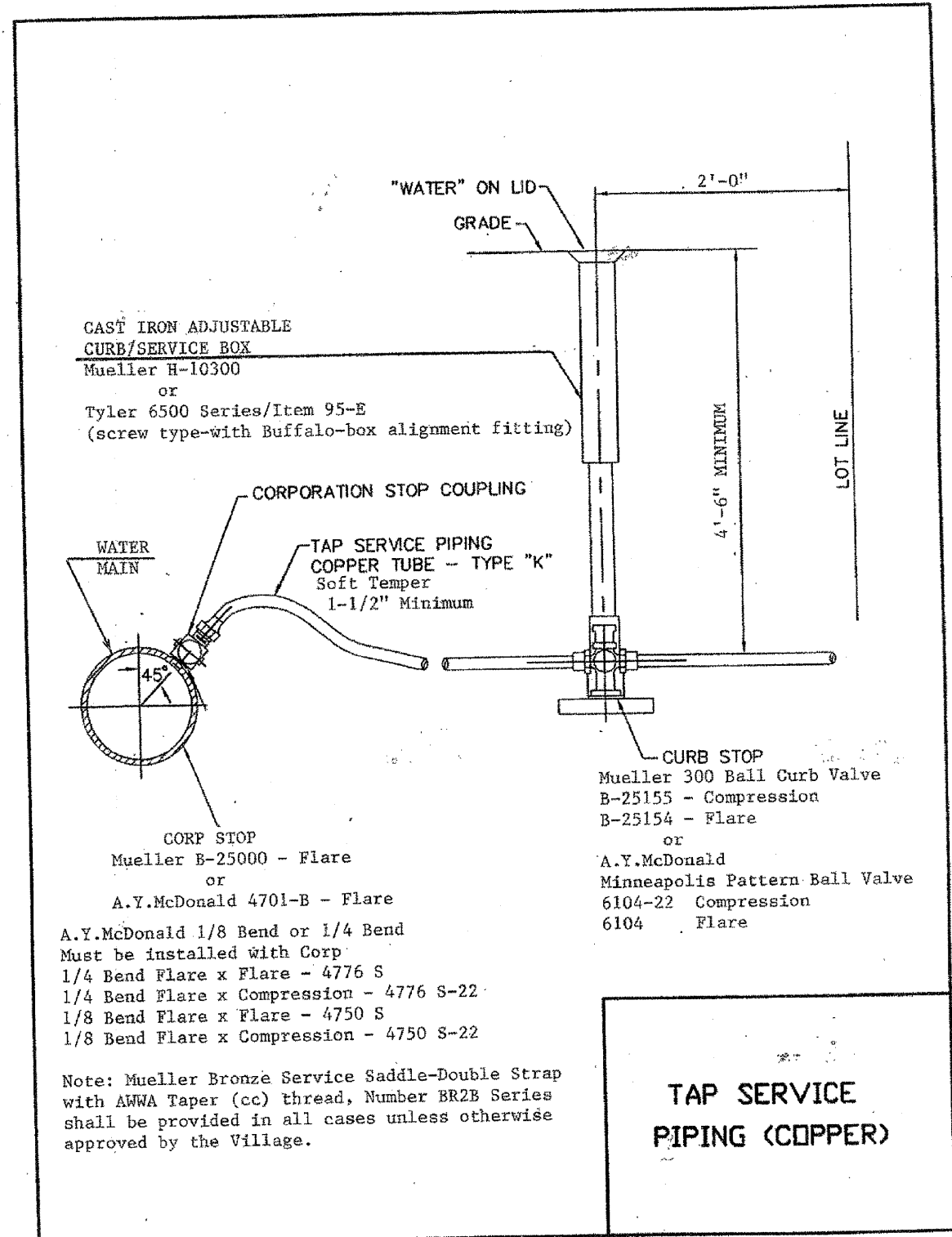
**Bolts, Nuts & Washers:** 18-8 type 304 stainless steel heavy hex nuts, stud bolts & washers. Nuts and studs are coated to prevent galling.

*Material specifications are subject to change.*



**664-665 Tapping Sleeve Specifications**

Outlet Size	Nominal Body Size	A (In)	B (In)	C (In)	D (In)	E (In)	F (In)
4	4	15	5	5 1/16	4 3/16	8	5/8
	6-18	15	5	5 1/16	4 3/4	8	5/8
	20-24	20	5	5 1/16	4 3/4	8	5/8
6	6	15	5	7 1/16	6 5/16	8	5/8
	8-18	15	5	7 1/16	6 3/4	8	5/8
	20-24	20	5	7 1/16	6 3/4	10	5/8
8	8	20	5	9 1/16	8 3/8	10	5/8
	10-18	20	5	9 1/16	8 3/4	10	5/8
	20-24	25	5	9 1/16	8 3/4	14	5/8
10	10	25	5	11 3/32	10 1/4	14	5/8
	20-24	25	5	11 3/32	10 3/4	14	5/8
12	12	25	5	13 3/32	12 1/4	14	5/8
	14-24	25	5	13 3/32	12 3/4	14	5/8





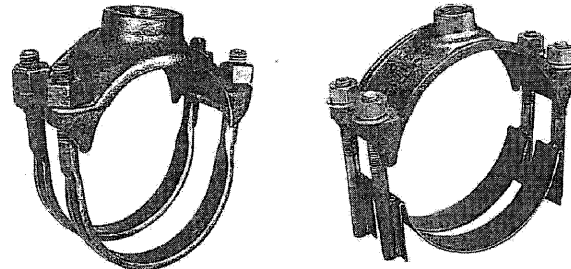
# MUELLER® BR2B & BR2S SERIES BRONZE SERVICE SADDLES - DOUBLE STRAP

Mueller Co. 4.5

Rev. 4-01

MUELLER® Service Saddles for use on A-C, cast iron, ductile iron, and AWWA C900 PVC plastic pipe

- Outlet tapped with either AWWA taper (C.C.) or AWWA I.P. thread (F.I.P.T.)
- For use on A-C pipe, cast iron or ductile iron pipe and cast iron O.D. PVC pipe
- 200 psig (1379 kPa) maximum working pressure
- Available in single and double strap designs
- Brass body
- Flattened silicon bronze straps (standard)
- Optional 304L stainless steel straps
- Rolled strap threads
- O-ring sealed outlet
- 3/4" thru 2" tap sizes (5/8" some styles)
- Meets all applicable parts of ANSI/AWWA C800
- NSF 61 certified



BR 2 B Series

BR 2 S Series

## MUELLER® Service Saddles with AWWA taper thread

Pipe O.D. range		Kind and size of pipe		Bronze double strap with AWWA taper thread (C.C.)					Optional stainless steel double strap with AWWA taper thread (C.C.)								
Inch	mm	A-C	Cast or ductile iron, C900 PVC plastic pipe	Base Catalog Number	Size of tapping (add to "Base" to complete catalog number)					Base Catalog Number	Size of tapping (add to "Base" to complete catalog number)						
					5/8"	3/4"	1"	1-1/4"	1-1/2"	2"		5/8"	3/4"	1"	1-1/4"	1-1/2"	2"
4.74"-5.32"	121.0-135.0		4"	BR 2 B 0474 CC	062	075	100	125	150	200	BR 2 S 0474 CC	062	075	100	125	150	200
6.84"-7.45"	174.0-189.0		6"	BR 2 B 0684 CC	062	075	100	125	150	200	BR 2 S 0684 CC	062	075	100	125	150	200
8.99"-9.67"	229.0-245.0		8"	BR 2 B 0899 CC	062	075	100	125	150	200	BR 2 S 0899 CC	062	075	100	125	150	200
11.04"-12.12"	281.0-307.0		10"	BR 2 B 1104 CC	062	075	100	125	150	200	BR 2 S 1104 CC	062	075	100	125	150	200
13.14"-14.58"	334.0-370.0		12"	BR 2 B 1314 CC	062	075	100	125	150	200	BR 2 S 1314 CC	062	075	100	125	150	200
15.22"-16.88"	386.6-428.7		14"	BR 2 B 1522 CC	-	075	100	-	150	200	BR 2 S 1522 CC	-	075	100	-	150	200
17.32"-19.19"	439.9-487.4		16"	BR 2 B 1732 CC	-	075	100	-	150	200	BR 2 S 1732 CC	-	075	100	-	150	200

## MUELLER® Service Saddles with AWWA iron pipe thread

Pipe O.D. range		Kind and size of pipe*		Bronze double strap with AWWA I.P. thread (F.I. P.T.)					Optional stainless steel double strap with AWWA I.P. thread (F.I. P.T.)						
Inch	mm	A-C	Cast or ductile iron, C900 PVC pipe	Base Catalog Number	Size of tapping (add to "Base" to complete catalog number)					Base Catalog Number	Size of tapping (add to "Base" to complete catalog number)				
					3/4"	1"	1-1/4"	1-1/2"	2"		3/4"	1"	1-1/4"	1-1/2"	2"
4.74"-5.32"	121.0-135.0		4"	BR 2 B 0474 IP	075	100	125	150	200	BR 2 S 0474 IP	075	100	125	150	200
6.84"-7.45"	174.0-189.0		6"	BR 2 B 0684 IP	075	100	125	150	200	BR 2 S 0684 IP	075	100	125	150	200
8.99"-9.67"	229.0-245.0		8"	BR 2 B 0899 IP	075	100	125	150	200	BR 2 S 0899 IP	075	100	125	150	200
11.04"-12.12"	281.0-307.0		10"	BR 2 B 1104 IP	075	100	125	150	200	BR 2 S 1104 IP	075	100	125	150	200
13.14"-14.58"	334.0-370.0		12"	BR 2 B 1314 IP	075	100	125	150	200	BR 2 S 1314 IP	075	100	125	150	200
15.22"-16.88"	386.6-428.7		14"	BR 2 B 1522 IP	075	100	-	150	200	BR 2 S 1522 IP	075	100	-	150	200
17.32"-19.19"	439.9-487.4		16"	BR 2 B 1732 IP	075	100	-	150	200	BR 2 S 1732 IP	075	100	-	150	200

\*A-C pipe, classes 150-200 per ASTM C1318 and AWWA C400 - actual O.D. of pipe being used must fall within the pipe O.D. range listed in the preceding charts. Centrally cast pipe, classes 30-250 per ANSI/AWWA C102 A21.2, ANSI/AWWA C106/A21.6, ANSI/AWWA C108/A21.8, and Federal specification WW-P-421. Ductile iron pipe, classes 30-36 per ANSI/AWWA C151/A21.51. Cast iron O.D. PVC plastic pipe per AWWA C900.

\*\* The outside diameter of A-C pipe varies from manufacturer to manufacturer, to make certain you select the proper clamp:

- 1) Determine the O.D. of the pipe at the point of saddle installation.
- 2) From the pipe O.D. range column of the above chart, choose a saddle that has a pipe O.D. range that includes the determined pipe diameter.

These machines may be used with the service saddles illustrated on this page

Machine	Service saddle tap size				
	5/8"	3/4"	1"	1-1/2"	2"
E-3™	X	X	X	X	X
D-5™	-	X	X	X	X
TRU-CUT™	-	X	X	-	-
MEGA-CUT™	X	X	X	X	X
PL-3™	-	X	X	-	-

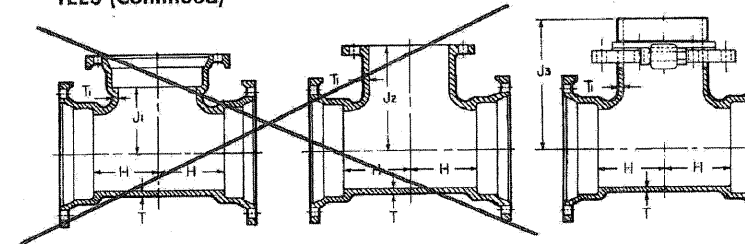
TO ORDER SPECIFY QUANTITY, OUTLET TAPPING SIZE AND CATALOG NUMBER

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# Tyler/Union

MECHANICAL JOINT C153 DUCTILE IRON COMPACT FITTINGS  
Sizes 3" thru 12" UL Listed For Fire Main Equipment

## TEES (Continued)



Size	T	T <sup>1</sup>	H	Dimensions			MJ	Weights		
				J <sup>1</sup>	J <sup>2</sup>	J <sup>3</sup>		MJxFE	†MJxS	
18x6	.59	.44	6.5	12.5	15.5	18.0	275	261	278	
18x8	.59	.45	7.5	12.5	...	...	280	351	...	
18x10	.59	.47	8.5	12.5	...	...	286	...	...	
18x12	.59	.49	9.5	12.5	...	...	370	...	...	
18x14	.59	.56	10.5	12.5	...	...	415	...	...	
18x16	.59	.57	11.5	12.5	...	...	445	...	...	
18	.59	.59	12.5	12.5	...	...	490	...	...	
20x6	.60	.44	7.0	14.0	17.0	19.5	335	362	358	
20x8	.60	.45	8.0	14.0	...	...	383	...	...	
20x10	.60	.47	9.0	14.0	...	...	410	...	...	
20x12	.60	.49	10.0	14.0	...	...	432	...	...	
20x14	.60	.56	11.0	14.0	...	...	475	...	...	
20x16	.60	.57	12.0	14.0	...	...	530	...	...	
20x18	.60	.59	13.0	14.0	...	...	560	...	...	
20	.60	.60	14.0	14.0	...	...	605	...	...	
24x6	.62	.44	7.0	16.0	19.0	21.5	448	451	461	
24x8	.62	.45	8.0	16.0	...	...	475	...	...	
24x10	.62	.47	9.0	16.0	...	...	516	...	...	
24x12	.62	.49	10.0	16.0	...	...	549	580	...	
24x14	.62	.56	11.0	16.0	...	...	585	...	...	
24x16	.62	.57	12.0	16.0	...	...	625	744	...	
24x18	.62	.59	13.0	16.0	...	...	675	...	...	
24x20	.62	.60	15.0	17.0	...	...	740	...	...	
24	.62	.62	17.0	17.0	...	...	947	...	...	

MJ x FE Flange Dimensions are on Page 1.

Size	T	T <sup>1</sup>	H	Dimensions			Weights
				J <sup>1</sup>	Z		
6	.27	.37	5.0	5.0	11.5	57	
8x6	.39	.37	5.5	6.5	11.5	79	
8	.39	.39	6.5	6.5	12.5	83	
10	.41	.41	7.5	7.5	13.0	133	

11-29-2001

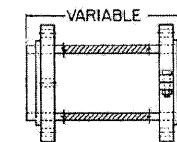
Tyler Pipe/Utilities Division • P.O. Box 2027 • Tyler, Texas 75710 • (903) 882-5511  
Union Foundry Company • P.O. Box 309 • Anniston, Alabama 36202 • (256) 236-7601

SD 10 Page 74

## MJ GLANDS

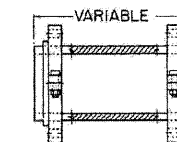
Glands			
Size	Weight	Size	Weight
3	3	12	12
4	4	14	16
6	6	16	20
8	8	18	25
10	11	20	29
		24	38

Swivel Glands, page 21  
Retainer Glands, page 8



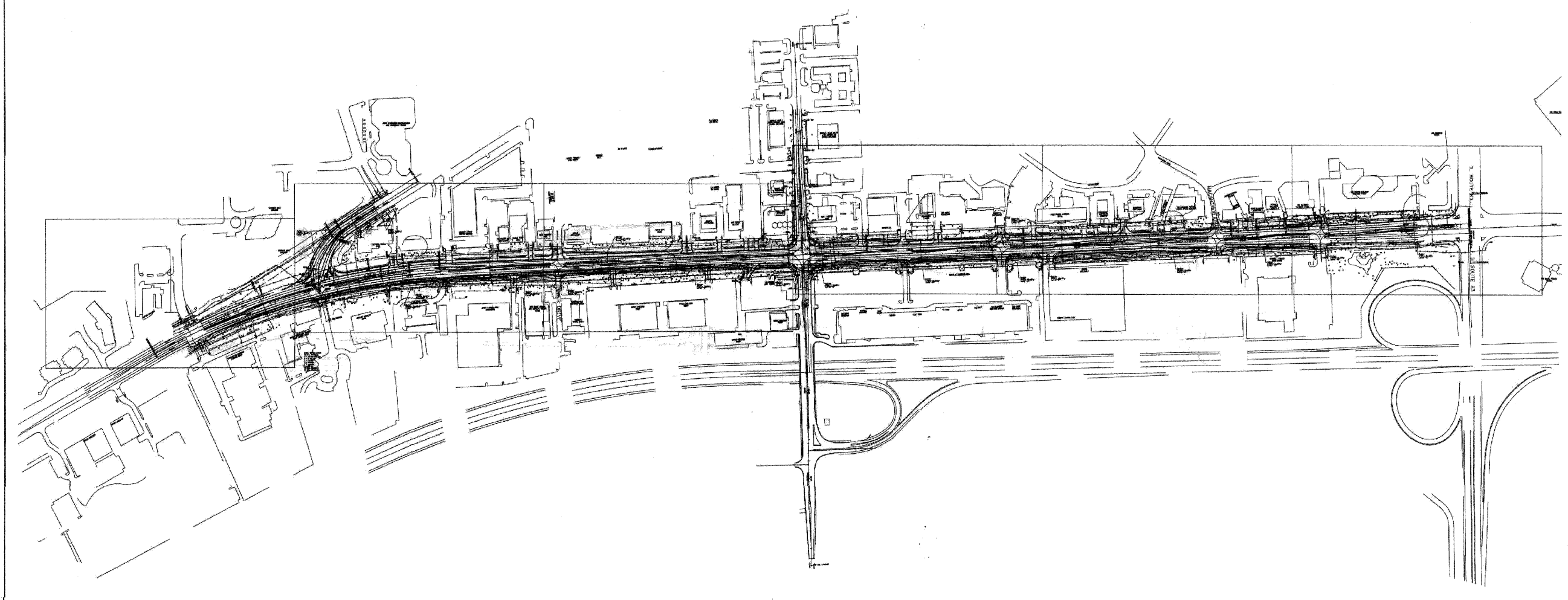
Swivel x Solid Adapter with Swivel Gland

Size by Laying Length	Wall Thickness	Weight
6x13	.37	46
6x18	.37	58
6x24	.37	74
8x12	.39	52



Swivel x Swivel Adapter

Size by Laying Length	Wall Thickness	Weight
6x12	.37	28
6x18	.37	49
6x24	.37	52



	SEWER
	CABLE TV
	TELEPHONE
	GAS
	ELECTRIC
	WATER
	FIBER OPTIC
	TBE TSET HOLE

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All Utilities shown Quality Level "B" unless noted otherwise.

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

**TBE GROUP**  
 THE GROUP, INC.  
 CIVIL ENGINEERING • TRANSPORTATION • ENVIRONMENTAL  
 PLANNING • UTILITY ENGINEERING/LOCATING

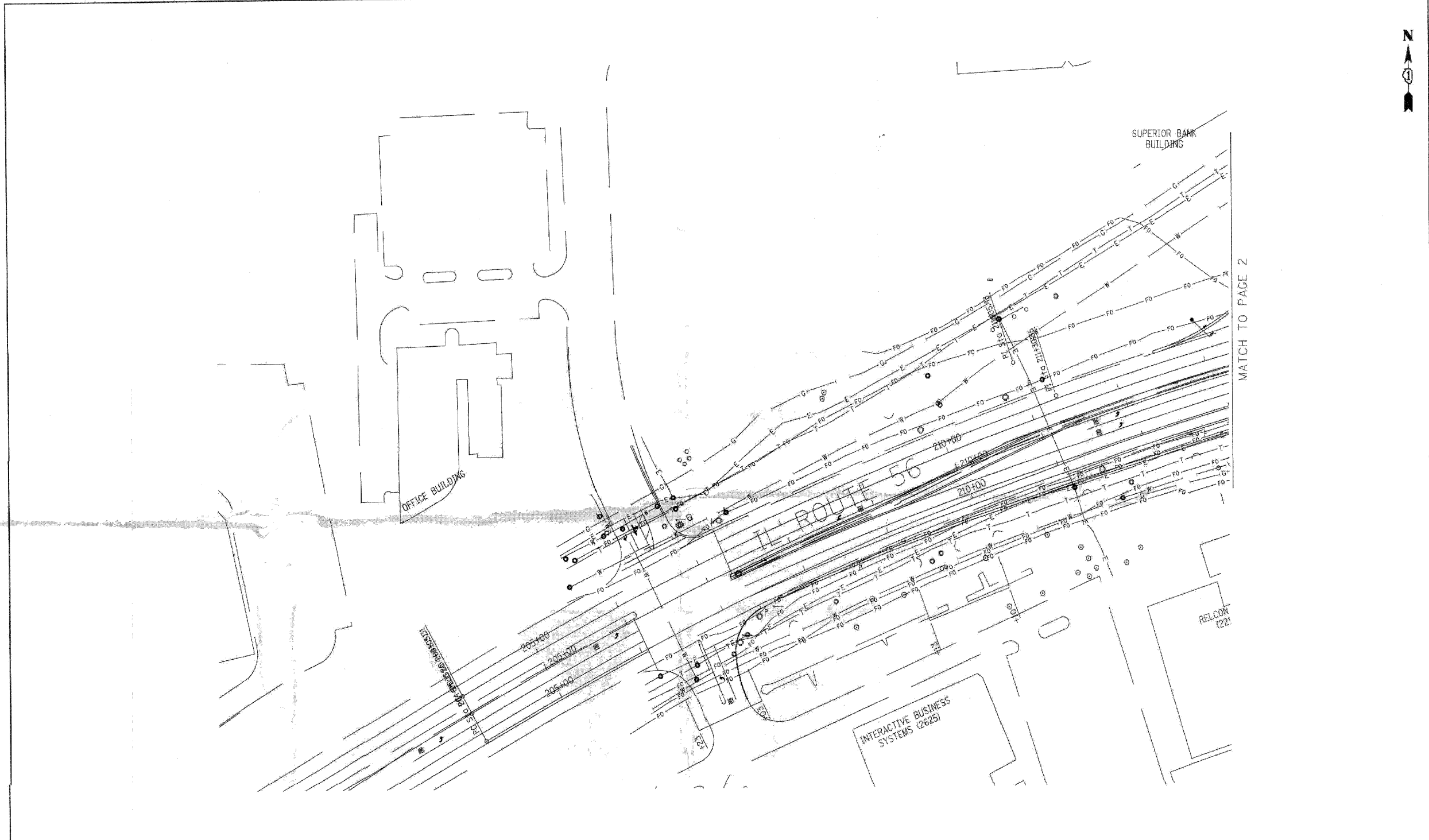
Checked By:   
 Date: 11/9/07  
 TBE Job No.: IL09500278, 280  
 SUE Plan Page Cover

205 W. WACKER DRIVE  
 SUITE 1020  
 CHICAGO, IL 60606  
 (312) 704-1970

DESIGNED	LP, ER, IP	REVISED
DRAWN	KLC	REVISED
CHECKED	KFS	REVISED
DATE	11/05/07	REVISED

STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION

22nd Street from IL RT. 56 West of IL RT. 83 in Oak Brook Terrace		F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
SCALE:	SHEET NO. OF SHEETS STA. TO STA.			DuPage	362	134
		FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT	CONTRACT NO. 60D12		



MATCH TO PAGE 2

	SEWER
	CABLE TV
	TELEPHONE
	GAS
	ELECTRIC
	WATER
	FIBER OPTIC
	TBE TSET HOLE

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**TBE GROUP**

**TBE GROUP, INC.**  
CIVIL ENGINEERING • TRANSPORTATION • ENVIRONMENTAL  
 PLANNING • UTILITY ENGINEERING/LOCATING

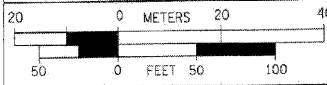
Checked By:

Date: 11/9/07

TBE Job No.: IL09500278, 280  
 SUE Plan Page 1 of 6

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
			362	135
CONTRACT NO. 60D12				

205 N. WACKER DRIVE  
 SUITE 1020  
 CHICAGO, IL 60606  
 (312) 704-1970

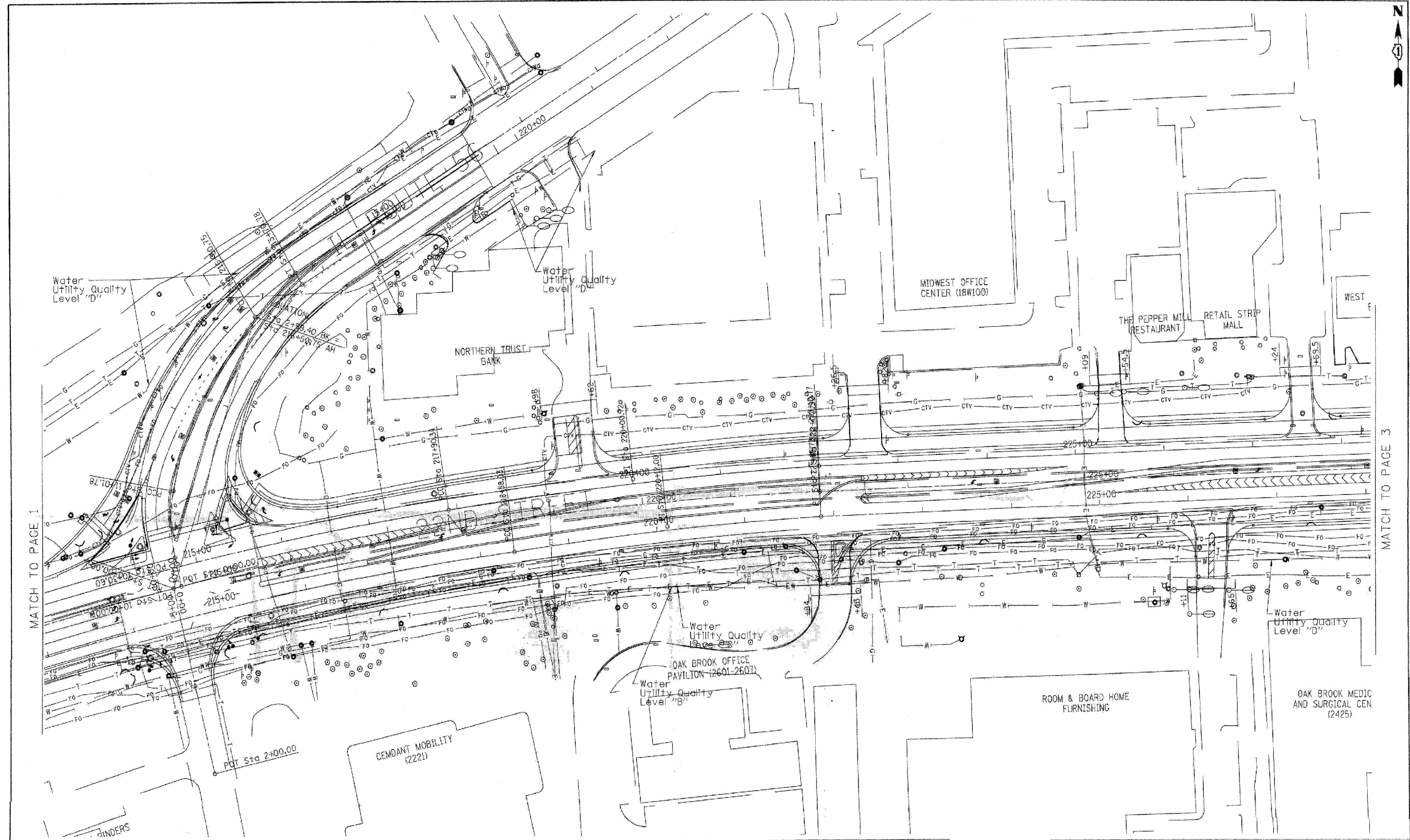


DESIGNED	<i>L.P., E.R., J.P.</i>	REVISED	
DRAWN	<i>KLC</i>	REVISED	
CHECKED	<i>KFS</i>	REVISED	
DATE	<i>11/05/07</i>	REVISED	

**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

**22nd Street from IL RT. 56 West of IL RT. 83  
 in Oak Brook Terrace**

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



MATCH TO PAGE 1

MATCH TO PAGE 3



	SEWER
	CABLE TV
	TELEPHONE
	GAS
	ELECTRIC
	WATER
	FIBER OPTIC
	TBE TSET HOLE

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- Utility Quality Level "D" : Records Research



**TBE GROUP INC.**  
 CIVIL ENGINEERING • TRANSPORTATION • ENVIRONMENTAL  
 PLANNING • UTILITY ENGINEERING/LOCATING

Checked By: *[Signature]*  
 Date: 11/9/07  
 TBE Job No.: IL09500278, 280  
 SUE Plan Page 2 of 6

205 W. WACKER DRIVE  
 SUITE 1020  
 CHICAGO, IL 60606  
 (312) 704-1970



DESIGNED	LP, ER, IP
DRAWN	KLC
CHECKED	KFS
DATE	11/05/07

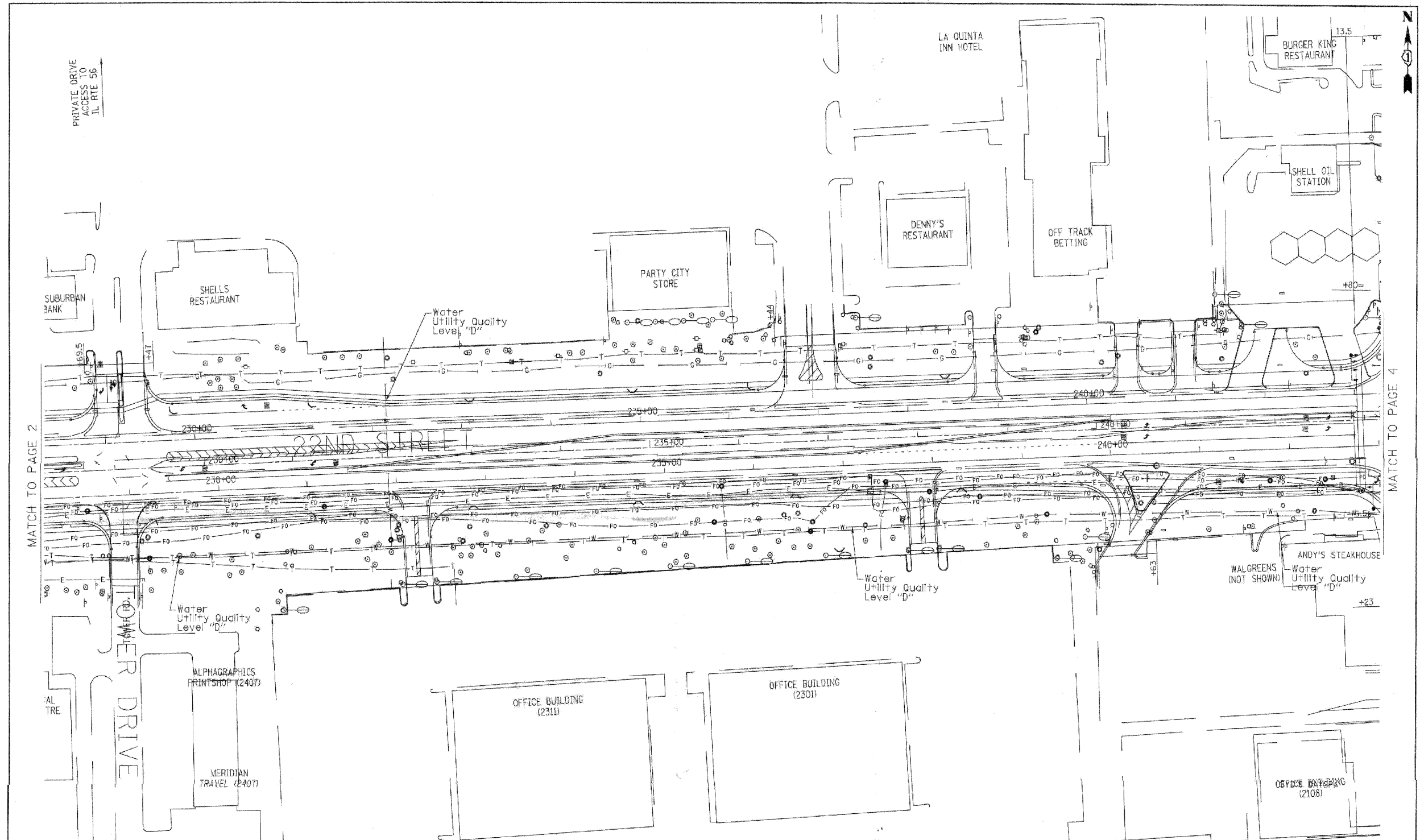
REVISED	
REVISED	
REVISED	
REVISED	

**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

**22nd Street from IL RT. 56 West of IL RT. 83  
 in Oak Brook Terrace**

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

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS
			362   136
CONTRACT NO.			60012
ILLINOIS FED. AID PROJECT			

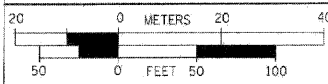


PRIVATE DRIVE  
ACCESS TO  
IL RTE 56

MATCH TO PAGE 2

MATCH TO PAGE 4

205 W. WACKER DRIVE  
SUITE 1020  
CHICAGO, IL 60606  
(312) 704-1970



—	SEWER
—	CABLE TV
—	TELEPHONE
—	GAS
—	ELECTRIC
—	WATER
—	FIBER OPTIC
—	TBE TSET HOLE

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- Utility Quality Level "D" : Records Research

DESIGNED	I.P. ER, JP	REVISED	
DRAWN	KLC	REVISED	
CHECKED	KFS	REVISED	
DATE	11/05/07	REVISED	

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

22nd Street from IL RT. 56 West of IL RT. 83  
in Oak Brook Terrace

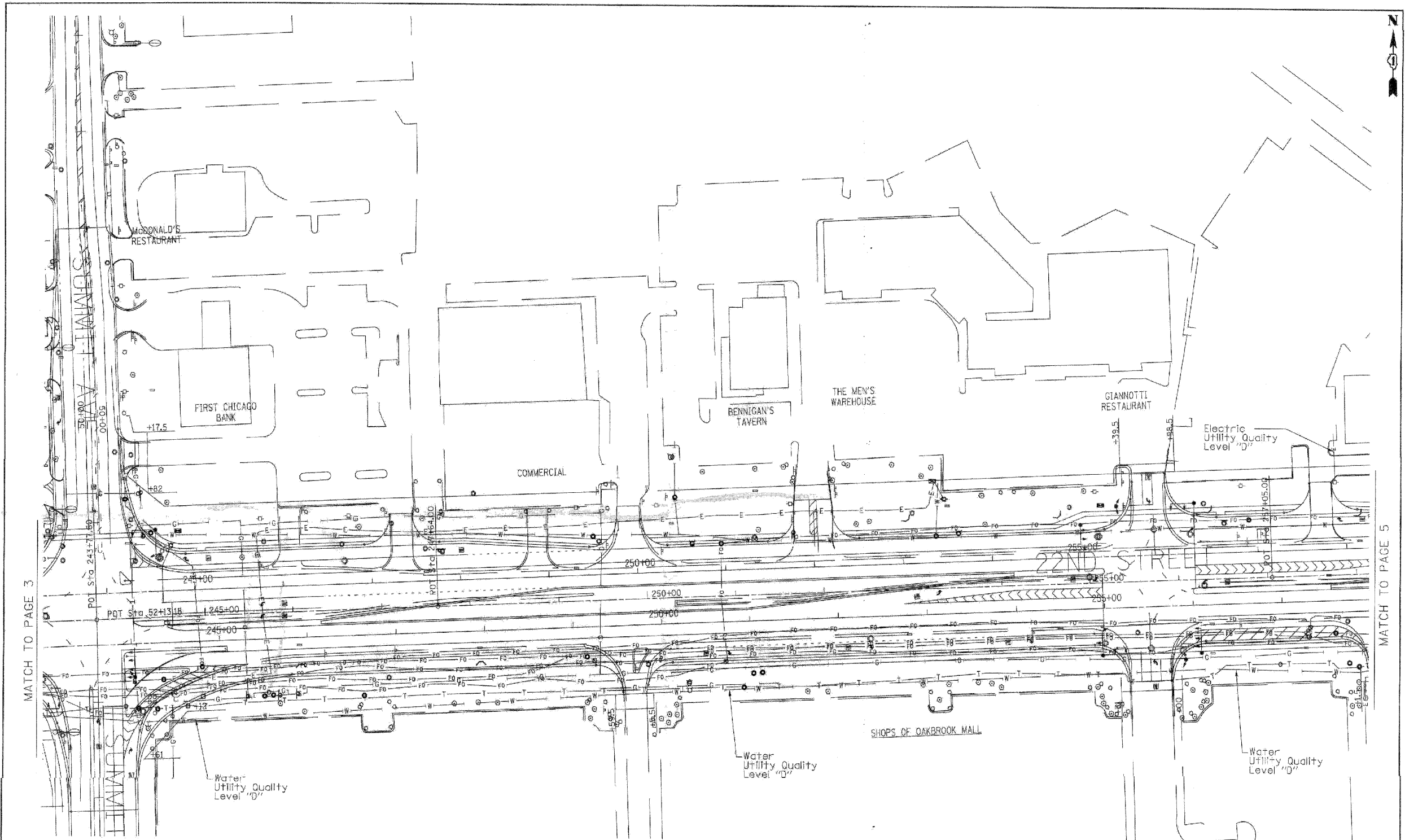


TBE GROUP, INC.  
CIVIL ENGINEERING • TRANSPORTATION • ENVIRONMENTAL  
PLANNING • UTILITY ENGINEERING/LOCATING

Checked By: *[Signature]*  
Date: 11/07/07

TBE Job No.: IL09530278, 280  
SUE Plan Page 3 of 6

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
			362	137
CONTRACT NO.			60D12	
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				



MATCH TO PAGE 3

MATCH TO PAGE 5

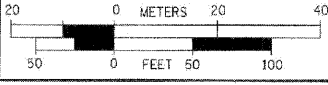
— — — — —	SEWER
— — — — —	CABLE TV
— — — — —	TELEPHONE
— — — — —	GAS
— — — — —	ELECTRIC
— — — — —	WATER
— — — — —	FIBER OPTIC
⊙	TBE TSET HOLE

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- Utility Quality Level "C" : Research with Survey
- Utility Quality Level "D" : Records Research

205 W. WACKER DRIVE  
SUITE 1020  
CHICAGO, IL 60606  
(312) 794-1970



DESIGNED	LP, ER, JP	REVISED	
DRAWN	KLC	REVISED	
CHECKED	KFS	REVISED	
DATE	11/05/07	REVISED	

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

22nd Street from IL RT. 56 West of IL RT. 83  
in Oak Brook Terrace

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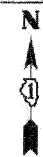


TBE GROUP, INC.  
CIVIL ENGINEERING • TRANSPORTATION • ENVIRONMENTAL  
PLANNING • UTILITY ENGINEERING/LOCATING

Checked By: *[Signature]*  
Date: 11/9/07

TBE Job No.: IL09500278, 280  
SUE Plan Page 4 of 6

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
			362	138
CONTRACT NO. 60D12			ILLINOIS FED. AID PROJECT	



MATCH TO PAGE 4

MATCH TO PAGE 6

	SEWER
	CABLE TV
	TELEPHONE
	GAS
	ELECTRIC
	WATER
	FIBER OPTIC
	TBE TSET HOLE

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**TBE GROUP, INC.**  
 CIVIL ENGINEERING • TRANSPORTATION • ENVIRONMENTAL  
 PLANNING • UTILITY ENGINEERING/LOCATING

Checked By: *[Signature]* TBE Job No.: 1109500278, 280  
 Date: 11/9/07 SUE Plan Page 5 of 6

205 W. WACKER DRIVE  
 SUITE 1020  
 CHICAGO, IL 60606  
 (312) 704-1970



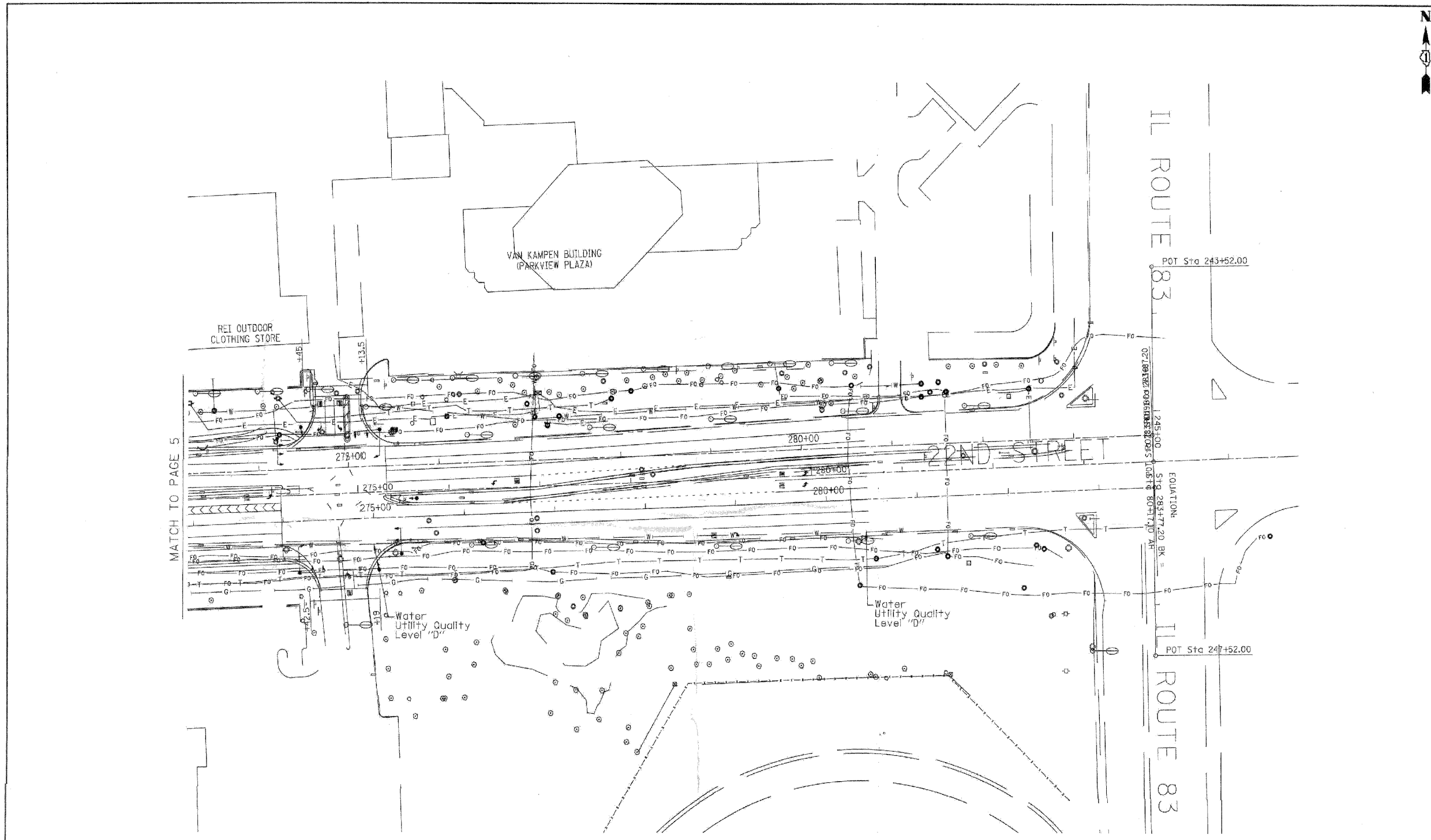
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DRAWN	KLC	REVISED	
CHECKED	KFS	REVISED	
DATE	11/05/07	REVISED	

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

**22nd Street from IL RT. 56 West of IL RT. 83**  
**in Oak Brook Terrace**

SCALE:	SHEET NO.	OF	SHEETS	STA.	TO STA.
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F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		DuPage	362	139
CONTRACT NO. 60D12				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				



MATCH TO PAGE 5

	SEWER
	CABLE TV
	TELEPHONE
	GAS
	ELECTRIC
	WATER
	FIBER OPTIC
	TBE TSET HOLE

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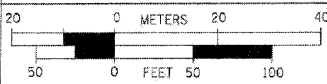
- Utility Quality Level "A" : Test Hole
- Utility Quality Level "B" : Designating
- Utility Quality Level "C" : Research with Survey
- Utility Quality Level "D" : Records Research



**TBE GROUP, INC.**  
 CIVIL ENGINEERING • TRANSPORTATION • ENVIRONMENTAL  
 PLANNING • UTILITY ENGINEERING/LOCATING

Checked By: *[Signature]* TBE Job No.: 11.09500278, 280  
 Date: 11/11/07 SUE Plan Page 6 of 6

205 N. WACKER DRIVE  
 SUITE 1020  
 CHICAGO, IL 60606  
 (312) 704-1970



DESIGNED	LP, ER, JP	REVISED	
DRAWN	KLC	REVISED	
CHECKED	KFS	REVISED	
DATE	11/05/07	REVISED	

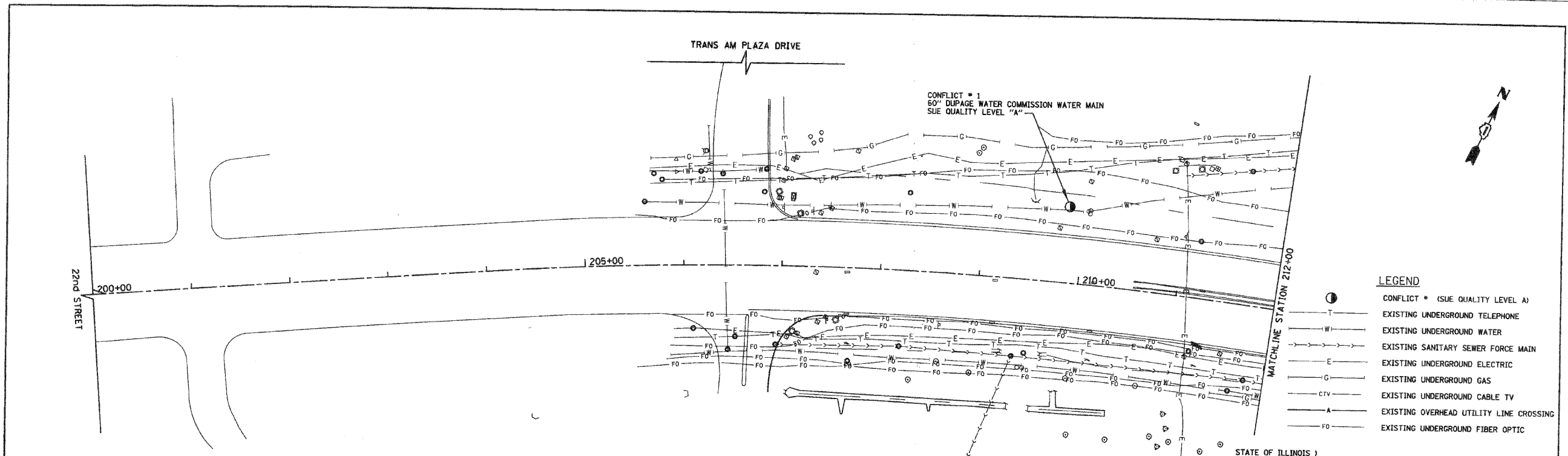
**STATE OF ILLINOIS**  
**DEPARTMENT OF TRANSPORTATION**

**22nd Street from IL RT. 56 West of IL RT. 83**  
**in Oak Brook Terrace**

SCALE:	SHEET NO.	OF	SHEETS	STA.	TO STA.
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F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
			362	140
CONTRACT NO. 60D12			ILLINOIS FED. AID PROJECT	





- LEGEND**
- CONFLICT # (SUE QUALITY LEVEL A)
  - T — EXISTING UNDERGROUND TELEPHONE
  - W — EXISTING UNDERGROUND WATER
  - E — EXISTING SANITARY SEWER FORCE MAIN
  - G — EXISTING UNDERGROUND GAS
  - CTV — EXISTING UNDERGROUND CABLE TV
  - A — EXISTING OVERHEAD UTILITY LINE CROSSING
  - FO — EXISTING UNDERGROUND FIBER OPTIC

**NOTES:**  
 1. HORIZONTAL CONTROL, VERTICAL CONTROL, CENTERLINE ALIGNMENT, TOPOGRAPHIC FEATURES, AND ALL UTILITY LINE WORK (EXCEPTING SUE QUALITY LEVEL A LOCATIONS) WERE SUPPLIED BY ILLINOIS DEPARTMENT OF TRANSPORTATION, CONTRACT NUMBER 60D12, DATED DECEMBER 19, 2008.

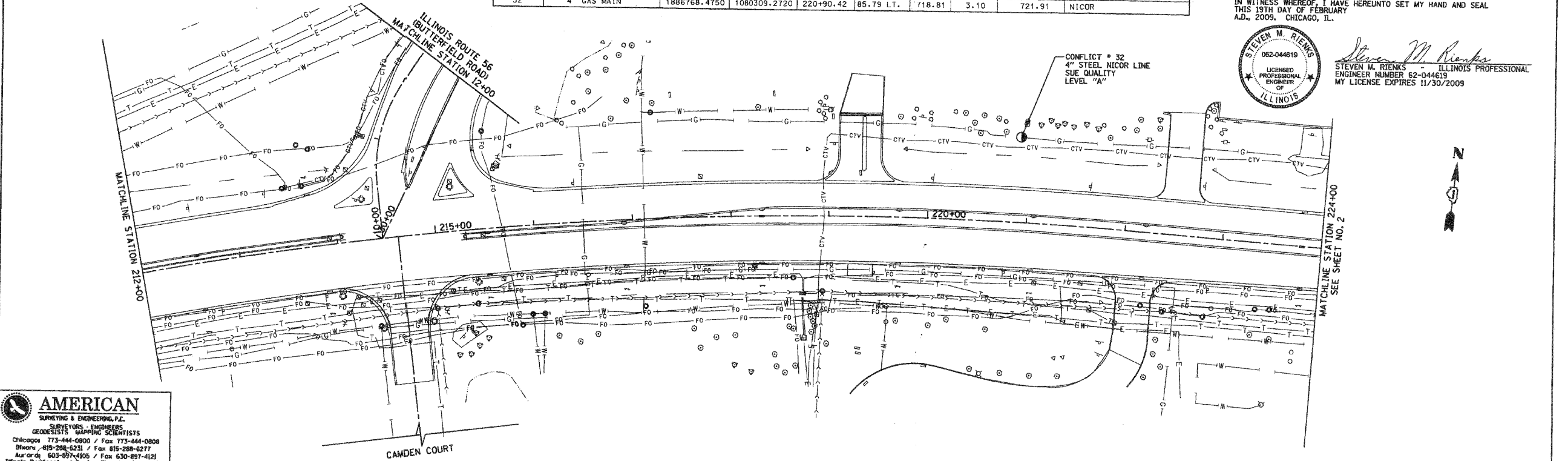
**VERIFIED UTILITY INFORMATION - SUE QUALITY LEVEL A**

CONFLICT NO.	SIZE / TYPE	NORTHING	EASTING	STATION	OFFSET	TOP OF UTILITY	EXISTING CUT	REFERENCE GROUND ELEV.	COMMENTS
1	60" WATER MAIN	1886521.3020	1079212.0000	209+85.16	75.95 LT.	704.21	9.00	713.21	DUPAGE WATER COMMISSION
32	4" GAS MAIN	1886768.4750	1080309.2720	220+90.42	85.79 LT.	718.81	3.10	721.91	NICOR

STATE OF ILLINOIS )  
 COUNTY OF COOK ) S.S.  
 UTILITY(IES) SHOWN HEREON HAVE BEEN INVESTIGATED BY ASE IN ACCORDANCE WITH SUE INDUSTRY STANDARDS QUALITY LEVEL A (QLA). ALL OTHER INFORMATION SHOWN HAS BEEN PROVIDED BY OTHERS.  
 FIELD WORK WAS PERFORMED BETWEEN THE 27TH OF JANUARY AND 17TH DAY OF FEBRUARY, A.D., 2009.  
 IN WITNESS WHEREOF, I HAVE HEREUNTO SET MY HAND AND SEAL THIS 19TH DAY OF FEBRUARY A.D., 2009, CHICAGO, IL.



*Steven M. Rienks*  
 STEVEN M. RIENKS - ILLINOIS PROFESSIONAL ENGINEER NUMBER 62-044619  
 MY LICENSE EXPIRES 11/30/2009



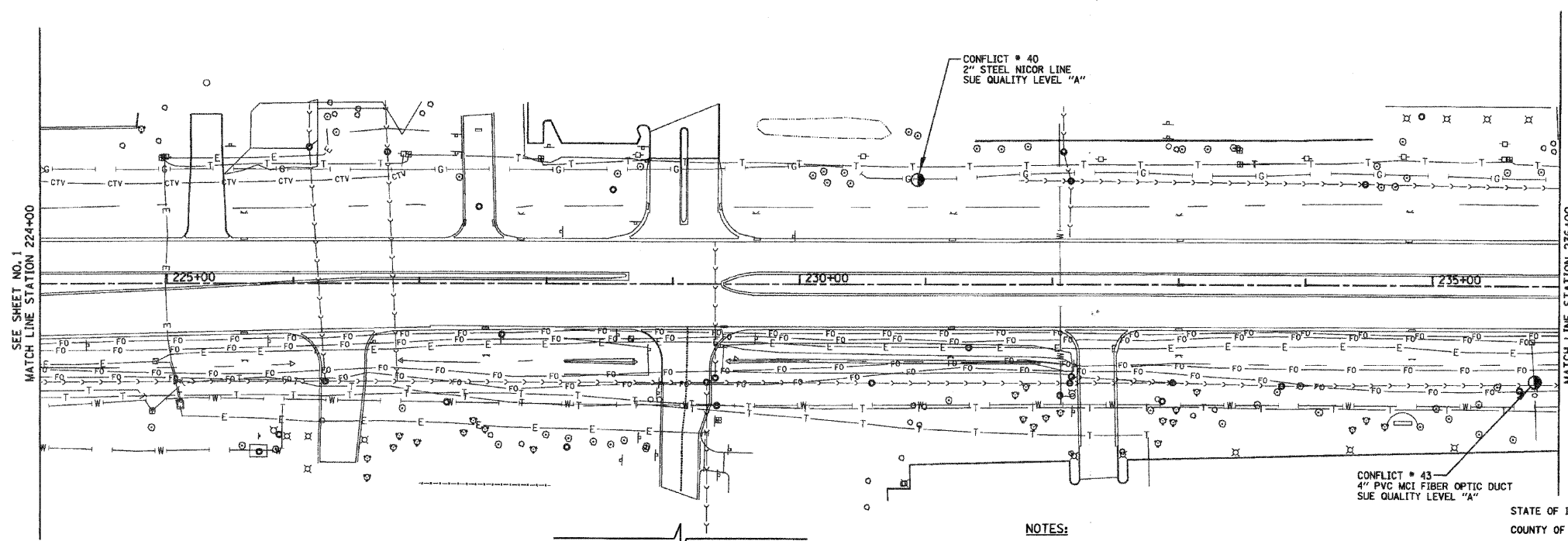
**AMERICAN**  
 SURVEYING & ENGINEERING, P.C.  
 SURVEYORS - ENGINEERS  
 GEODETISTS - MAPPING SCIENTISTS  
 Chicago 773-444-0800 / Fax 773-444-0808  
 Diverse 815-288-6231 / Fax 815-288-6277  
 Aurora 630-997-4105 / Fax 630-997-4121  
 Illinois Professional Design Firm No. 184-003192

FILE NAME = WD-326.DHEETS.dgn	USER NAME = #USER#	DESIGNED - JMG	REVISED -
		DRAWN - BAW	REVISED -
		CHECKED - JRH	REVISED -
		DATE - #DATE	REVISED -

**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

**SUE Investigation of Underground Utilities  
 22nd STREET in DuPage County**

SCALE: 1"=50'	SHEET NO. 1 OF 4 SHEETS	STA. 200+00 TO STA. 224+00	F.A.U. RTE. 1453	SECTION 55WRS	COUNTY DuPAGE	TOTAL SHEETS 362	SHEET NO. 141
						CONTRACT NO. 60D12	
FED. ROAD DIST. NO. 7 ILLINOIS FED. AID PROJECT							

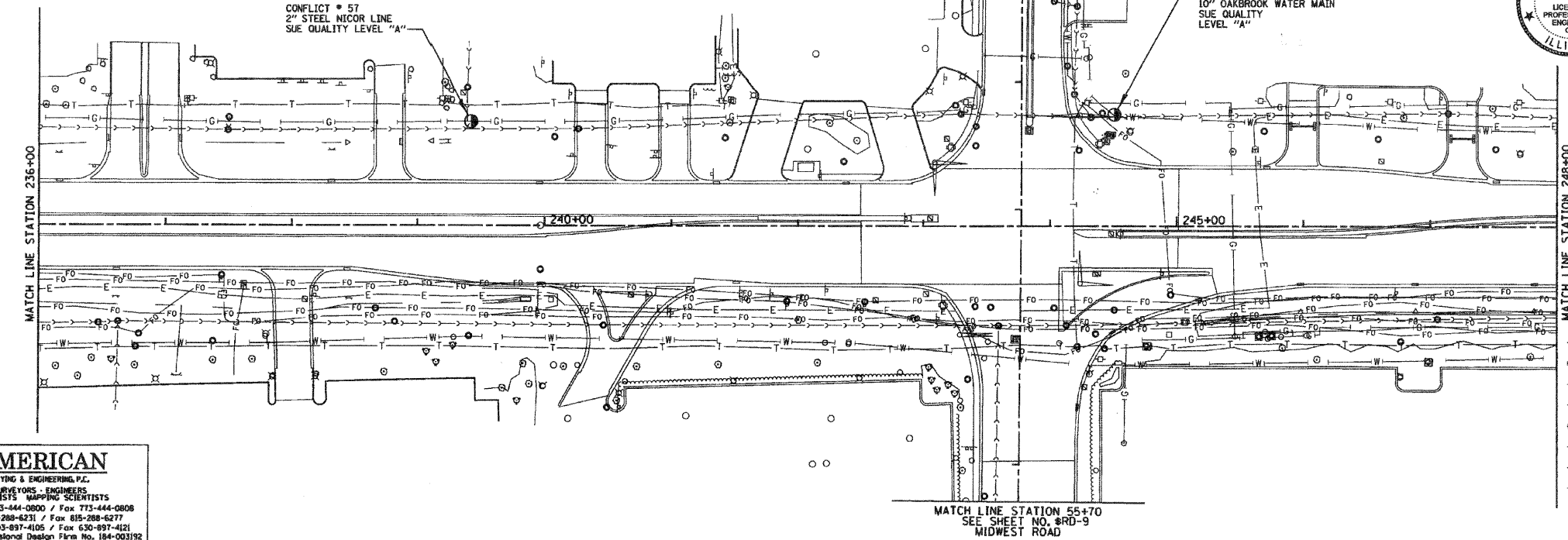


**VERIFIED UTILITY INFORMATION - SUE QUALITY LEVEL A**

CONFLICT NO.	SIZE / TYPE	NORTHING	EASTING	STATION	OFFSET	TOP OF UTILITY	EXISTING CUT	REFERENCE GROUND ELEV.	COMMENTS
40	2" GAS MAIN	1886804.9040	1081313.9630	230+93.26	81.53 LT.	715.53	2.90	718.43	NICOR
43	FIBER OPTIC	1886667.6500	1081807.3510	235+80.95	74.75 RT.	705.69	4.40	710.09	
57	2" GAS MAIN	1886837.8860	1082161.7510	239+41.69	81.61 LT.	702.47	4.90	707.37	NICOR
89	10" WATER MAIN	1886863.5900	1082670.1500	244+50.70	87.57 LT.	698.86	6.20	705.06	VILLAGE OF OAKBROOK

**NOTES:**  
 1. HORIZONTAL CONTROL, VERTICAL CONTROL, CENTERLINE ALIGNMENT, TOPOGRAPHIC FEATURES, AND ALL UTILITY LINE WORK (EXCEPTING SUE QUALITY LEVEL A LOCATIONS) WERE SUPPLIED BY ILLINOIS DEPARTMENT OF TRANSPORTATION, CONTRACT NUMBER 60012, DATED DECEMBER 19, 2008.

STATE OF ILLINOIS } S.S.  
 COUNTY OF COOK }  
 UTILITIES SHOWN HEREON HAVE BEEN INVESTIGATED BY ASE IN ACCORDANCE WITH SUE INDUSTRY STANDARDS QUALITY LEVEL A (QLA). ALL OTHER INFORMATION SHOWN HAS BEEN PROVIDED BY OTHERS.  
 FIELD WORK WAS PERFORMED BETWEEN THE 27TH OF JANUARY AND 17TH DAY OF FEBRUARY, A.D., 2009.  
 IN WITNESS WHEREOF, I HAVE HEREUNTO SET MY HAND AND SEAL THIS 19TH DAY OF FEBRUARY, A.D., 2009. CHICAGO, IL.



*Steven M. Rienks*  
 STEVEN M. RIENKS - ILLINOIS PROFESSIONAL ENGINEER NUMBER 62-044619  
 MY LICENSE EXPIRES 11/30/2009

**LEGEND**

- CONFLICT # (SUE QUALITY LEVEL A)
- T — EXISTING UNDERGROUND TELEPHONE
- W — EXISTING UNDERGROUND WATER
- S — EXISTING SANITARY SEWER FORCE MAIN
- E — EXISTING UNDERGROUND ELECTRIC
- G — EXISTING UNDERGROUND GAS
- CTV — EXISTING UNDERGROUND CABLE TV
- A — EXISTING OVERHEAD UTILITY LINE CROSSING
- FO — EXISTING UNDERGROUND FIBER OPTIC

**AMERICAN**  
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 Chicago 773-444-0800 / Fax 773-444-0808  
 Oskone 815-288-6271 / Fax 815-288-6277  
 Aurora 630-897-4105 / Fax 630-897-4121  
 Illinois Professional Design Firm No. 184-003192

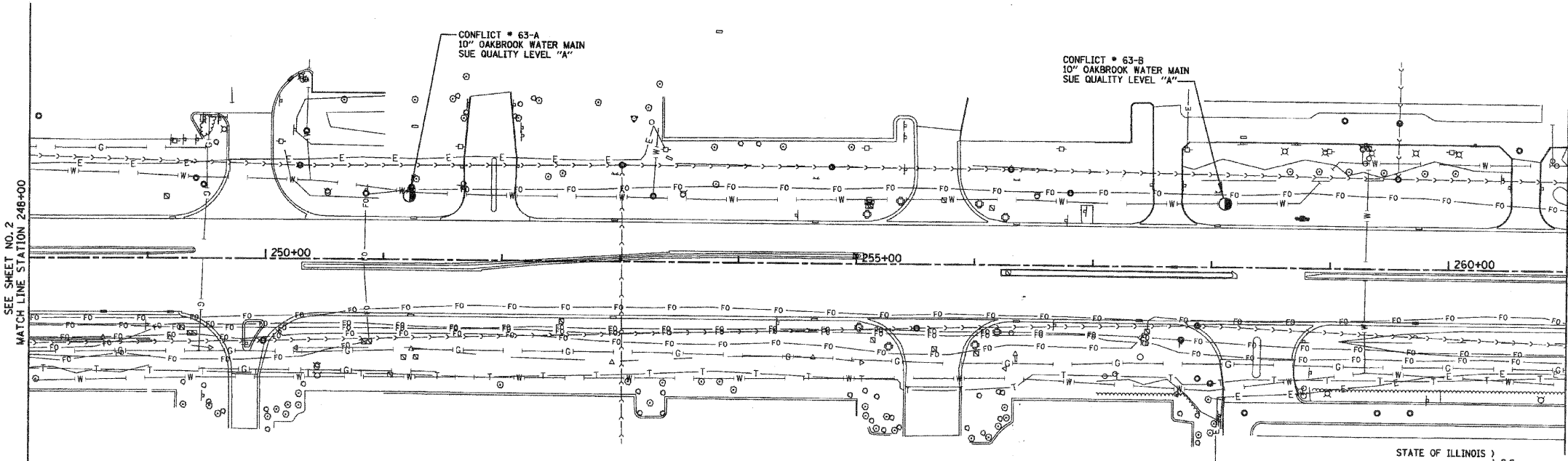
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		DRAWN - BAW	REVISED -
		CHECKED - JRH	REVISED -
		DATE - #DATE	REVISED -

**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

**22nd STREET REMOVAL PLAN AND ROADWAY PLAN**

SCALE: 1"=50'    SHEET NO. 2 OF 4 SHEETS    STA. 224+00 TO STA. 248+00

F.A.U. RTE. 1453	SECTION 55WRS	COUNTY DuPAGE	TOTAL SHEETS 362	SHEET NO. 142
CONTRACT NO. 60D12				
FED. ROAD DIST. NO. 7 (ILLINOIS) FED. AID PROJECT				



**VERIFIED UTILITY INFORMATION - SUE QUALITY LEVEL A**

CONFLICT NO.	SIZE / TYPE	NORTHING	EASTING	STATION	OFFSET	TOP OF UTILITY	EXISTING CUT	REFERENCE GROUND ELEV.	COMMENTS
63-A	10" WATER MAIN	1886855.4800	1083341.8530	251+21.59	53.42 LT.	693.51	5.15	698.66	VILLAGE OF OAKBROOK
63-B	10" WATER MAIN	1886882.0260	1084030.3310	258+10.58	53.24 LT.	689.67	5.25	694.92	VILLAGE OF OAKBROOK
66	FIBER OPTIC	1886772.7470	1084492.7540	262+68.41	73.89 RT.	687.89	4.35	692.24	
67	12" GAS MAIN	1886775.1530	1084679.2640	264+54.88	78.72 RT.	686.38	4.70	691.08	NICOR
71	TELEPHONE	1886775.0360	1084898.9800	266+74.42	87.36 RT.	688.48	2.55	691.03	
72	10" WATER MAIN	1886958.5600	1085117.7940	269+00.19	87.54 LT.	683.22	6.00	689.22	VILLAGE OF OAKBROOK

**NOTES:**

- HORIZONTAL CONTROL, VERTICAL CONTROL, CENTERLINE ALIGNMENT, TOPOGRAPHIC FEATURES, AND ALL UTILITY LINE WORK (EXCEPTING SUE QUALITY LEVEL A LOCATIONS) WERE SUPPLIED BY ILLINOIS DEPARTMENT OF TRANSPORTATION, CONTRACT NUMBER 60D12, DATED DECEMBER 19, 2008.

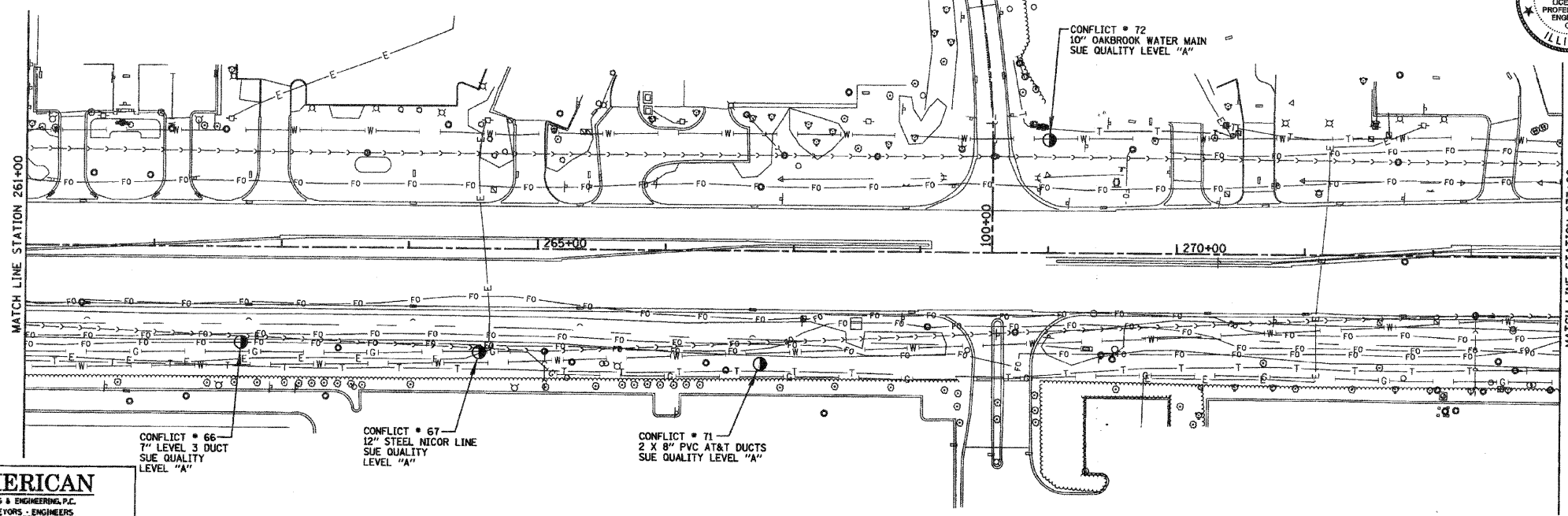
STATE OF ILLINOIS )  
COUNTY OF COOK ) S.S.

UTILITY(IES) SHOWN HEREON HAVE BEEN INVESTIGATED BY ASE IN ACCORDANCE WITH SUE INDUSTRY STANDARDS QUALITY LEVEL A (QLA). ALL OTHER INFORMATION SHOWN HAS BEEN PROVIDED BY OTHERS.  
FIELD WORK WAS PERFORMED BETWEEN THE 27TH OF JANUARY AND 17TH DAY OF FEBRUARY, A.D., 2009.

IN WITNESS WHEREOF, I HAVE HERELIANTO SET MY HAND AND SEAL THIS 19TH DAY OF FEBRUARY A.D., 2009, CHICAGO, IL.



*Steven M. Riens*  
STEVEN M. RIENS - ILLINOIS PROFESSIONAL ENGINEER NUMBER 62-044619  
MY LICENSE EXPIRES 11/30/2009



**AMERICAN**  
SURVEYING & ENGINEERING, P.C.  
SURVEYORS, ENGINEERS, GEODETISTS, MAPPING SCIENTISTS  
Chicago 773-444-0800 / Fax 773-444-0808  
Dixon 815-288-6231 / Fax 815-288-6277  
Aurora 603-897-4105 / Fax 630-897-4121  
Illinois Professional Design Firm No. 184-003192

FILE NAME = NO-325\_SHEETS.dgn  
USER NAME = #USER#

DESIGNED - JMG	REVISED -
DRAWN - BAW	REVISED -
CHECKED - JRH	REVISED -
DATE - #DATE	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

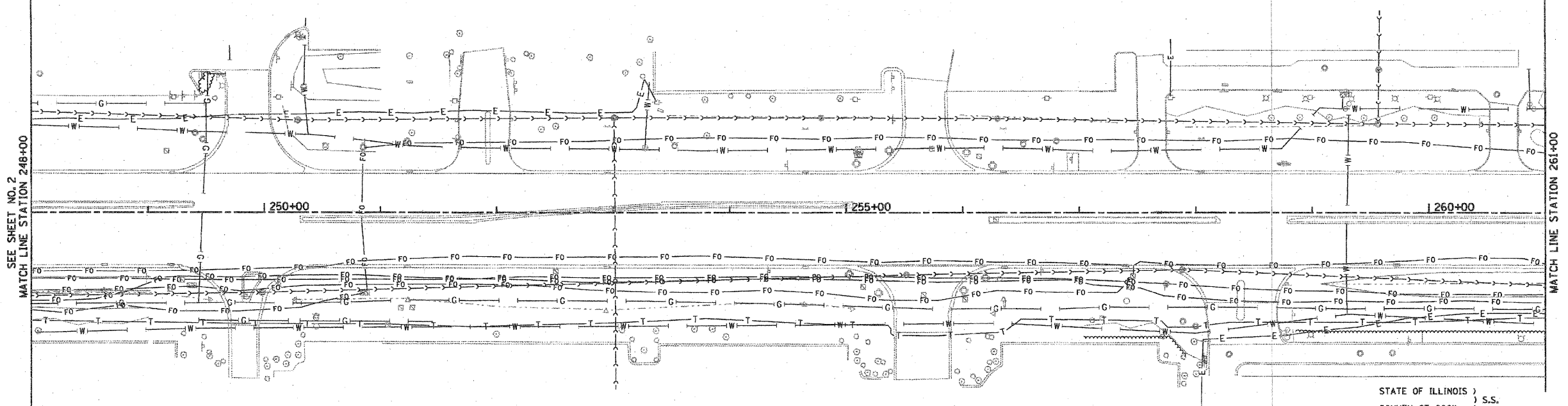
**22nd STREET REMOVAL PLAN AND ROADWAY PLAN**

SCALE: 1"=50' SHEET NO. 3 OF 4 SHEETS STA. 248+00 TO STA. 273+00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1453	55WR5	COOK	362	143
CONTRACT NO. 60D12			FED. ROAD DIST. NO. 7 ILLINOIS FED. AID PROJECT	

- LEGEND**
- CONFLICT \* (SUE QUALITY LEVEL A)
  - T- EXISTING UNDERGROUND TELEPHONE
  - W- EXISTING UNDERGROUND WATER
  - SS- EXISTING SANITARY SEWER FORCE MAIN
  - E- EXISTING UNDERGROUND ELECTRIC
  - G- EXISTING UNDERGROUND GAS
  - CTV- EXISTING UNDERGROUND CABLE TV
  - A- EXISTING OVERHEAD UTILITY LINE CROSSING
  - FO- EXISTING UNDERGROUND FIBER OPTIC





**NOTES:**

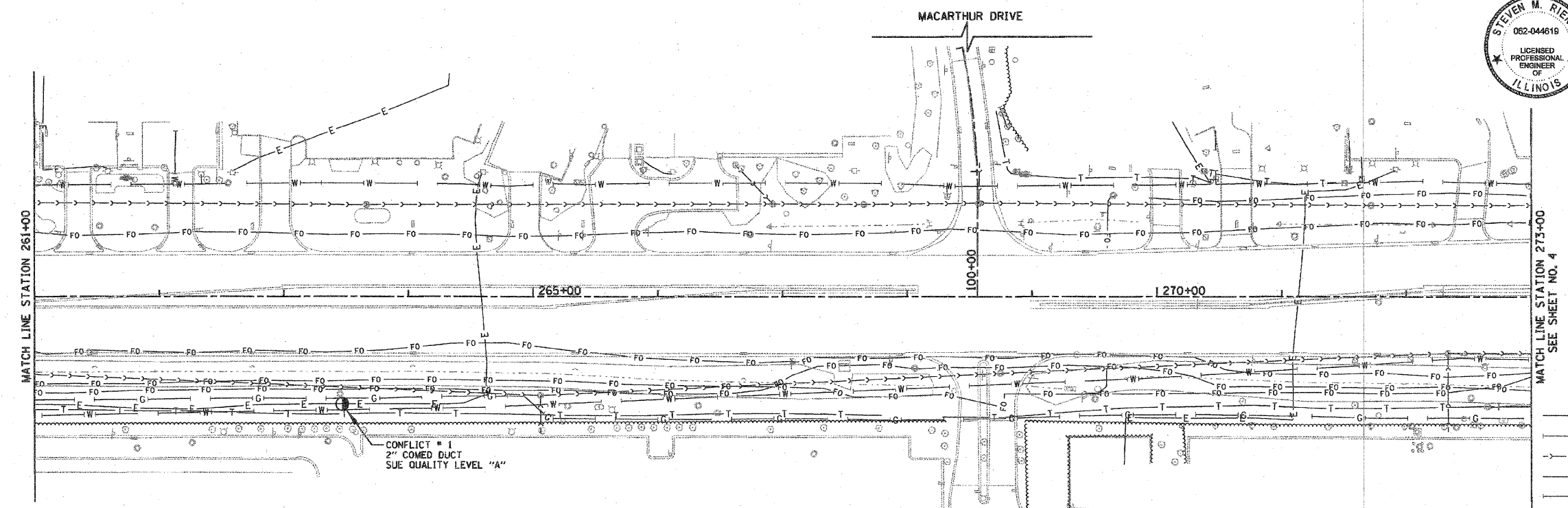
- HORIZONTAL CONTROL, VERTICAL CONTROL, CENTERLINE ALIGNMENT, TOPOGRAPHIC FEATURES, AND ALL UTILITY LINE WORK (EXCEPTING SUE QUALITY LEVEL A LOCATIONS) WERE SUPPLIED BY ILLINOIS DEPARTMENT OF TRANSPORTATION, CONTRACT NUMBER 60D12, DATED DECEMBER 19, 2008.

STATE OF ILLINOIS )  
 ) S.S.  
 COUNTY OF COOK )

UTILITY(IES) SHOWN HEREON HAVE BEEN INVESTIGATED BY ASE IN ACCORDANCE WITH SUE INDUSTRY STANDARDS QUALITY LEVEL A (QLA) AND QUALITY LEVEL B (QLB). ALL OTHER INFORMATION SHOWN HAS BEEN PROVIDED BY OTHERS.

FIELD WORK WAS PERFORMED BETWEEN THE 11TH OF FEBRUARY AND 10TH DAY OF MARCH, A.D., 2010.

IN WITNESS WHEREOF, I HAVE HEREUNTO SET MY HAND AND SEAL THIS 12TH DAY OF MARCH, A.D., 2010. CHICAGO, IL.



*Steven M. Rienks*  
 STEVEN M. RIENKS ILLINOIS PROFESSIONAL  
 ENGINEER NUMBER 62-044619  
 MY LICENSE EXPIRES 11/30/2011

**LEGEND**

- CONFLICT # (SUE QUALITY LEVEL A)
- T — EXISTING UNDERGROUND TELEPHONE
- W — EXISTING UNDERGROUND WATER
- S — EXISTING SANITARY SEWER FORCE MAIN
- E — EXISTING UNDERGROUND ELECTRIC
- G — EXISTING UNDERGROUND GAS
- CTV — EXISTING UNDERGROUND CABLE TV
- A — EXISTING OVERHEAD UTILITY LINE CROSSING
- FO — EXISTING UNDERGROUND FIBER OPTIC

**AMERICAN**  
 SURVEYING & ENGINEERING, P.C.  
 SURVEYORS - ENGINEERS  
 GEODESISTS - MAPPING SCIENTISTS  
 Chicago: 312-277-2000 / Fax 312-277-2002  
 Illinois: 815-288-6231 / Fax 815-288-6277  
 Aurora: 630-897-4105 / Fax 630-897-4121  
 Illinois Professional Design Firm No. 184-003192

**VERIFIED UTILITY INFORMATION - SUE QUALITY LEVEL A**

CONFLICT NO.	SIZE / TYPE	NORTHING	EASTING	STATION	OFFSET	TOP OF UTILITY	EXISTING CUT	REFERENCE GROUND ELEV.	COMMENTS
1	2" ELEC. DUCT	1886763.85	1084571.58	263+46.83	85.84 RT.	687.87	4.07	691.94	COMED

FILE NAME =	USER NAME = #USER#	DESIGNED - JMG	REVISED -
WD-341.SHEETS.dgn		DRAWN - BAW	REVISED -
	PLLOT SCALE = 50.0000' / IN.	CHECKED - JRH	REVISED -
	PLLOT DATE = 3/12/2010	DATE - #DATE	REVISED -

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

**22nd STREET REMOVAL PLAN AND ROADWAY PLAN**

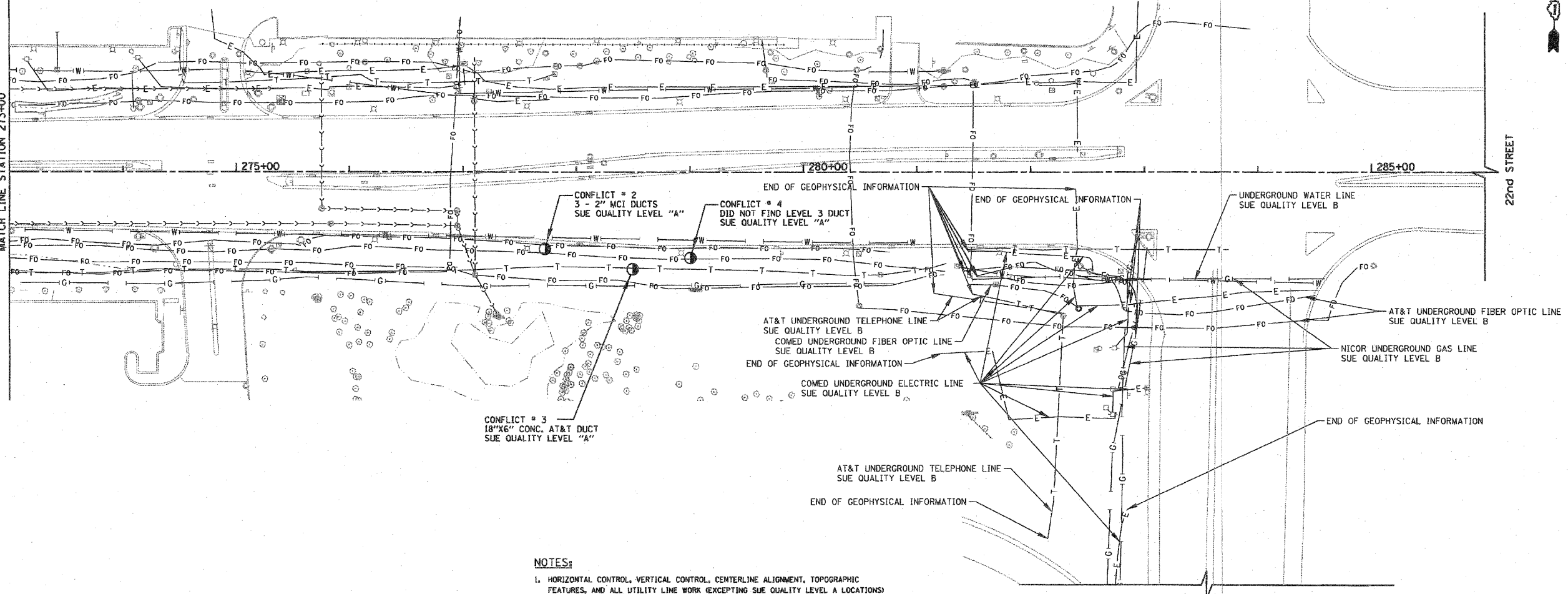
SCALE: 1"=50' SHEET NO. 1 OF 2 SHEETS STA. 248+00 TO STA. 273+00

F.A.J. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1453	55WRS		362	144A
FED. ROAD DIST. NO. 7 ILLINOIS FED. AID PROJECT			CONTRACT NO. 60D12	

ILLINOIS ROUTE 83



SEE SHEET NO. 3  
MATCH LINE STATION 273+00



**NOTES:**

- HORIZONTAL CONTROL, VERTICAL CONTROL, CENTERLINE ALIGNMENT, TOPOGRAPHIC FEATURES, AND ALL UTILITY LINE WORK (EXCEPTING SUE QUALITY LEVEL A LOCATIONS) WERE SUPPLIED BY ILLINOIS DEPARTMENT OF TRANSPORTATION, CONTRACT NUMBER 60D12, DATED DECEMBER 19, 2008.
- ADDITIONAL QUALITY LEVEL B SHOWN ON THIS SHEET IS INCLUDED WITH WORK ORDER 341.

**VERIFIED UTILITY INFORMATION - SUE QUALITY LEVEL A**

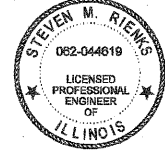
CONFLICT NO.	SIZE / TYPE	NORTHING	EASTING	STATION	OFFSET	TOP OF UTILITY	EXISTING CUT	REFERENCE GROUND ELEV.	COMMENTS
2	3 - 2" DUCTS	1886838.16	1085995.28	277+72.35	66.81 RT.	682.09	4.18	686.27	MCI
3	18"x6" CONC. DUCT	1886823.28	1086073.06	278+49.50	84.69 RT.	670.88	10.10	680.98	AT & T
4	NONE	1886835.18	1086123.58	279+00.43	74.76 RT.	---	7.00	685.55	DID NOT FIND LEVEL 3

STATE OF ILLINOIS }  
COUNTY OF COOK } S.S.

UTILITY(IES) SHOWN HEREON HAVE BEEN INVESTIGATED BY ASE IN ACCORDANCE WITH SUE INDUSTRY STANDARDS QUALITY LEVEL A (QLA) AND QUALITY LEVEL B (QLB). ALL OTHER INFORMATION SHOWN HAS BEEN PROVIDED BY OTHERS.

FIELD WORK WAS PERFORMED BETWEEN THE 11TH OF FEBRUARY AND 10TH DAY OF MARCH, A.D., 2010.

IN WITNESS WHEREOF, I HAVE HERETO SET MY HAND AND SEAL THIS 12TH DAY OF MARCH A.D., 2010. CHICAGO, IL.



*Steven M. Rienks*  
STEVEN M. RIENKS - ILLINOIS PROFESSIONAL ENGINEER NUMBER 62-044619  
MY LICENSE EXPIRES 11/30/2011

**LEGEND**

- CONFLICT # (SUE QUALITY LEVEL A)
- EXISTING UNDERGROUND TELEPHONE
- EXISTING UNDERGROUND WATER
- EXISTING SANITARY SEWER FORCE MAIN
- EXISTING UNDERGROUND ELECTRIC
- EXISTING UNDERGROUND GAS
- EXISTING UNDERGROUND CABLE TV
- EXISTING OVERHEAD UTILITY LINE CROSSING
- EXISTING UNDERGROUND FIBER OPTIC

**AMERICAN**  
SURVEYING & ENGINEERING, P.C.  
SURVEYORS - ENGINEERS  
GEOGRAPHIC INFORMATION SCIENTISTS  
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Dixons: 815-288-6231 / Fax 815-288-6277  
Aurora: 630-897-4105 / Fax 630-897-4121  
Illinois Professional Design Firm No. 184-003192

FILE NAME =	USER NAME = #USER#	DESIGNED - JMG	REVISED -
NO-341.SHEETS.dgn		DRAWN - BAW	REVISED -
		CHECKED - JRH	REVISED -
		DATE - \$DATE	REVISED -

PLOT SCALE = 50.0000' / IN.	DATE - \$DATE	REVISED -
PLOT DATE = 3/12/2010		

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

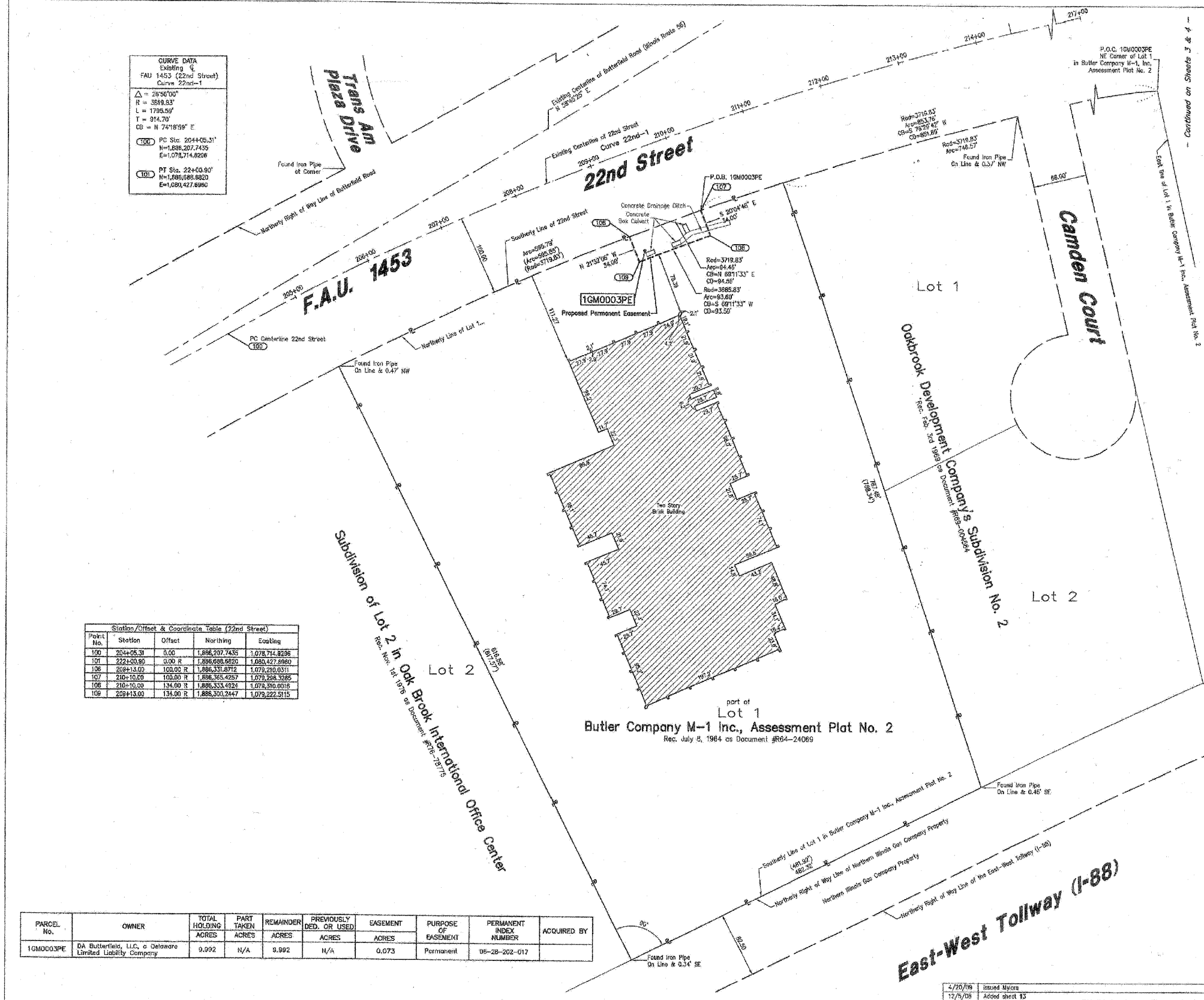
**22nd STREET REMOVAL PLAN AND ROADWAY PLAN**

SCALE: 1"=50' SHEET NO. 2 OF 2 SHEETS STA. 273+00 TO STA. 286+00

F.A.U. RTE. 1453	SECTION 55WRS	COUNTY	TOTAL SHEETS 362	SHEET NO. 144B
FED. ROAD DIST. NO. 7 ILLINOIS FED. AID PROJECT				

CONTRACT NO. 60D12

PART OF THE OF N. 1/2 OF SEC. 28, T39N, R11E OF THE 3RD P.M., DUPAGE COUNTY, ILLINOIS



**CURVE DATA**  
Existing  
FAU 1453 (22nd Street)  
Curve 22nd-1

Δ = 28°56'00"  
R = 3519.53'  
L = 1795.50'  
T = 914.70'  
CB = N 74°18'59" E

PC Sta. 2044+05.31'  
N=1,886,297.7435  
E=1,078,714.8298

PT Sta. 22+00.00'  
N=1,886,685.6820  
E=1,080,427.8980

**Station/Offset & Coordinate Table (22nd Street)**

Point No.	Station	Offset	Northing	Easting
100	2044+05.31	0.00	1,886,297.7435	1,078,714.8298
101	222+00.00	0.00	1,886,685.6820	1,080,427.8980
106	209+13.00	100.00	1,886,331.8712	1,079,210.0311
107	210+10.00	100.00	1,886,365.4267	1,079,288.3285
108	210+10.00	134.00	1,886,333.4924	1,079,310.0016
109	209+13.00	134.00	1,886,300.2447	1,079,222.5115

PARCEL No.	OWNER	TOTAL HOLDING ACRES	PART TAKEN ACRES	REMAINDER ACRES	PREVIOUSLY DED. OR USED ACRES	EASEMENT ACRES	PURPOSE OF EASEMENT	PERMANENT INDEX NUMBER	ACQUIRED BY
1GM0003PE	DA Butterfield, LLC, a Delaware Limited Liability Company	9.992	N/A	9.992	N/A	0.073	Permanent	09-28-202-017	

**LEGEND**

SECTION CORNER  
QUARTER SECTION CORNER

SECTION LINE  
QUARTER SECTION LINE  
QUARTER, QUARTER SECTION LINE  
PLATTED LOT LINE  
PROPERTY (DEED) LINE

APL  
APPARENT PROPERTY LINE  
CENTERLINE  
EXISTING RIGHT OF WAY LINE  
PROPOSED RIGHT OF WAY LINE  
PROPOSED EASEMENT  
MEASURED DIMENSION  
129.32'  
129.32'(COMP.)  
COMPUTED DIMENSION  
RECORD DATA

EXISTING BUILDING

IRON PIPE OR ROD FOUND  
CUT CROSS FOUND OR SET  
PK NAIL SET  
REPLACED AFTER CONSTRUCTION

T1 THESE STAKES REFERENCE FOUND OR SET MONUMENTATION, SET 5/8 INCH IRON ROD FLUSH WITH GROUND TO THE FOUND IRON STAKE, IDENTIFIED T3 BY COLORED PLASTIC CAP BEARING SURVEYORS REGISTRATION NUMBER.

BT1 THESE STAKES, IN CULTIVATED AREAS, REFERENCE FOUND OR SET BT2 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, BURIED 5/8 INCH METAL ROD 20 INCHES BELOW GROUND TO MARK FUTURE SURVEY MARKER POSITION, IDENTIFIED BY COLOR PLASTIC CAP BEARING SURVEYORS REGISTRATION NUMBER.

PERMANENT SURVEY MARKER, I D O T STD. 2 1/35 (TO BE SET BY OTHERS)

RIGHT OF WAY STAKING PROPOSED TO BE SET.

**GRAPHIC SCALE**  
(IN FEET)

0 60 120 180 240

- NOTES**
- COORDINATES SHOWN ON THIS PLAT ARE GROUND VALUES IN FEET. THEY CAN BE CONVERTED TO GRID VALUES BY MULTIPLYING THE GROUND COORDINATES BY 0.999970399.
  - ALL BEARINGS SHOWN ARE REFERENCED TO THE ILLINOIS STATE PLANE COORDINATE SYSTEM.
  - SURVEYED IN ENGLISH. ALL STATIONING IS SHOWN IN FEET.
  - SHEET 1 IS THE COVER SHEET AND IS NOT RECORDED.
  - BUILDING TIES SHOWN ARE TO THE PROPOSED RIGHT OF WAY LINE, UNLESS THERE ARE NO TAKINGS ON SAID PROPERTY, IN WHICH CASE THEY ARE TO THE EXISTING RIGHT OF WAY LINE.

STATE OF ILLINOIS )  
COUNTY OF COOK ) SS

THIS IS TO DECLARE THAT WE, W-T LAND SURVEYING, INC., HAVE SURVEYED THE PLAT OF HIGHWAYS SHOWN HEREIN IN THE NORTH 1/2 OF SECTION 28, TOWNSHIP 39 NORTH, RANGE 11 EAST OF THE THIRD PRINCIPAL MERIDIAN, DUPAGE 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 MEASUREMENTS ARE SUFFICIENT TO ENABLE THE SURVEY TO BE RETRACED. MADE FOR THE DEPARTMENT OF TRANSPORTATION, STATE OF ILLINOIS.

GIVEN UNDER OUR HAND AND SEAL THIS 20th DAY OF APRIL, A.D. 2009, AT HOFFMAN ESTATES, ILLINOIS.

*Francis J. Mat...*  
FRANCIS J. MAT... PLS 6005-005555 EXPIRES 12/31/2010  
ILLINOIS PROFESSIONAL DESIGN FIRM LICENSE NO. 187-000387

**W-T LAND SURVEYING, INC.**  
LAND AND CONSTRUCTION SURVEYORS

2675 Fritsch Avenue  
Hoffman Estates, Illinois 60192  
PH: (224) 293-6233 FAX: (224) 293-6444  
www.wtland.com

IL License No.: 184-004387 Exp: 04/30/11

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**PLAT OF HIGHWAYS**  
STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION  
FAU 1453 (22nd Street)

SECTION IL Route 56 to IL Route 83 COUNTY DuPage  
PROJECT JOB NO. R-91-005-08  
STATION 209+13.00 TO STATION 210+10.00  
SCALE: 1"=60' SHEET 2 OF 13

BUREAU OF LAND ACQUISITION  
201 WEST CENTER COURT  
SCHAUMBURG, ILLINOIS 60196-1096

ROUTE FAU 1453 (22nd Street) SECTION IL Route 56 to IL Route 83 COUNTY DuPage JOB NO. R-91-005-08 RECORDING: RECORDED ON AS DOCUMENT NO.

FILE NAME = g:\ch87\0061\road\sheet\016012-SHT-RO	USER NAME = BAW10r-t	DESIGNED -	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	SCALE:	SHEET NO. 145 OF 362 SHEETS	F.A. R.T.E. 1453	SECTION 55WRS	COUNTY DuPAGE	TOTAL SHEETS 362	SHEET NO. 145	
PLAN2.dgn	PLOT SCALE = 50.0000' / IN.	DRAWN -	REVISED -		RECORDING: RECORDED ON	AS DOCUMENT NO.		CONTRACT NO. 60D12		FED. ROAD DIST. NO. 7 ILLINOIS FED. AID PROJECT		
PLOT DATE = 8/5/2009	DATE = 07/24/2009	CHECKED -	REVISED -									
		DATE = 07/24/2009	REVISED -									

PART OF THE SE 1/4 OF SEC. 21, 139N, R11E OF THE 3RD P.M., DUPAGE COUNTY, ILLINOIS

PARCEL No.	OWNER	TOTAL HOLDING ACRES	PART TAKEN ACRES	REMANINDER ACRES	PREVIOUSLY DED. OR USED ACRES	EASEMENT ACRES	PURPOSE OF EASEMENT	PERMANENT INDEX NUMBER	ACQUIRED BY
1GM0001TE	One Oakbrook Investors, LLD c/o Allagis Realty Investors	3.352	N/A	3.352	N/A	0.022	Construction	06-21-403-022	
1GM0002TE	DA Midwest, LLC	5.470	N/A	5.470	N/A	0.012	Construction	06-21-403-018	

**CURVE DATA**  
Existing  
FAU 1453 (22nd Street)  
Curve 22nd-1

$\Delta = 26^\circ 52' 00''$   
 $R = 3919.89'$   
 $L = 1795.89'$   
 $T = 914.70'$   
 $CB = N 74^\circ 18' 58'' E$

100 PC Sta. 204+05.31'  
N=1,896,207.7436  
E=1,078,714.8296

101 PT Sta. 22+00.90'  
N=1,896,898.6920  
E=1,080,421.6990

**Curve Table**

Curve	Radius	Arc	Chord	Bearing	Chord
C1	3,919.83	63.62	S 83°44'04" W	63.62'	
C2	3,934.83	63.87	N 83°44'04" E	63.87'	

**Station/Offset & Coordinate Table (22nd Street)**

Point No.	Station	Offset	Northing	Easting
100	204+05.31	0.00	1,896,207.7436	1,078,714.8296
101	222+08.90	0.00 R	1,896,898.6920	1,080,421.6990
110	217+11.72	100.00 L	1,896,737.1646	1,079,824.8298
111	219+00.00	100.00 L	1,896,764.5275	1,080,116.0695
112	219+00.00	115.00 L	1,896,776.4241	1,080,114.3115
113	219+00.00	115.00 L	1,896,798.3942	1,080,177.7957
114	219+00.00	100.00 L	1,896,771.4770	1,080,179.3177
119	222+08.90	100.00 L	1,896,798.5807	1,080,448.1591
120	222+08.90	109.00 L	1,896,800.7572	1,080,506.0172
121	222+08.90	100.00 L	1,896,791.7838	1,080,506.3653
122	222+08.90	100.00 L	1,896,799.8978	1,080,449.4073
123	220+05.32	131.03 R	1,896,580.9740	1,081,298.5650
124	224+24.85	100.00 R	1,896,567.4242	1,081,625.4500
125	222+00.90	100.00 L	1,896,788.6071	1,080,423.9273

**LEGEND**

SECTION CORNER (9/10) (10/10)  
QUARTER SECTION CORNER (16) (15)

SECTION LINE  
QUARTER SECTION LINE  
QUARTER, QUARTER SECTION LINE  
PLATTED LOT LINE  
PROPERTY (DEED) LINE

APL APPARENT PROPERTY LINE  
CENTERLINE  
EXISTING RIGHT OF WAY LINE  
PROPOSED RIGHT OF WAY LINE  
129.32' MEASURED DIMENSION  
129.32'(COMP.) COMPUTED DIMENSION  
RECORD DATA

EXISTING BUILDING

IRON PIPE OR ROD FOUND  
CUT CROSS FOUND OR SET  
PK NAIL SET  
REPLACED AFTER CONSTRUCTION

T1 THESE STAKES REFERENCE FOUND OR SET MONUMENTATION, SET 5/8 INCH  
T2 IRON ROD FLUSHED WITH GROUND TO THE FOUND IRON STAKE, IDENTIFIED  
T3 BY COLORED PLASTIC CAP BEARING SURVEYORS REGISTRATION NUMBER.

BT1 THESE STAKES, IN CULTIVATED AREAS, REFERENCE FOUND OR SET  
BT2 MONUMENTATION, BURIED 5/8 INCH IRON ROD 20 INCHES BELOW  
BT3 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 ON 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 COLOR PLASTIC CAP BEARING SURVEYORS  
REGISTRATION NUMBER.

PERMANENT SURVEY MARKER, I D O T STD. 21.35 (TO BE SET BY OTHERS)

RIGHT OF WAY STAKING PROPOSED TO BE SET.

**GRAPHIC SCALE**  
(IN FEET)

50 0 50 100 150 200

**NOTES:**

- COORDINATES SHOWN ON THIS PLAT ARE GROUND VALUES IN FEET. THEY CAN BE CONVERTED TO GRID VALUES BY MULTIPLYING THE GROUND COORDINATES BY 0.999970369.
- ALL BEARINGS SHOWN ARE REFERENCED TO THE ILLINOIS STATE PLANE COORDINATE SYSTEM.
- SURVEYED IN ENGLISH. ALL STATIONING IS SHOWN IN FEET.
- SHEET 1 IS THE COVER SHEET AND IS NOT RECORDED.
- BUILDING TIES SHOWN ARE TO THE PROPOSED RIGHT OF WAY LINE, UNLESS THERE ARE NO TACKS ON SAID PROPERTY, IN WHICH CASE THEY ARE TO THE EXISTING RIGHT OF WAY LINE.

STATE OF ILLINOIS )  
COUNTY OF COCK ) SS

THIS IS TO DECLARE THAT WE, W-T LAND SURVEYING, INC., HAVE SURVEYED THE PLAT OF HIGHWAYS SHOWN HEREON IN THE SOUTHEAST 1/4 OF SECTION 21, TOWNSHIP 39 NORTH, RANGE 11 EAST OF THE THIRD PRINCIPAL MERIDIAN, DUPAGE COUNTY, ILLINOIS. 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 PROPERLY POSITIONED THEREON AND THAT THE MONUMENTS ARE SUFFICIENT TO ENABLE THE SURVEY TO BE RETRACED. MADE FOR THE DEPARTMENT OF TRANSPORTATION, STATE OF ILLINOIS.

GIVEN UNDER OUR HAND AND SEAL THIS 29th DAY OF APRIL A.D. 2009.  
AT HOFFMAN ESTATES, ILLINOIS.

*Frank L. Maric*  
FRANK L. MARIC - PLS. #035-00555 EXP. 03/31/2010  
ILLINOIS PROFESSIONAL DESIGN FIRM LICENSE NO. 0417004387

**W-T LAND SURVEYING, INC.**  
LAND AND CONSTRUCTION SURVEYORS

2975 Preston Avenue  
Hoffman Estates, Illinois 60162  
PH: (815) 294-8800 FAX: (815) 298-4444  
www.wtlandsurveying.com

IL License No.: 184-004387 Exp: 04/30/11

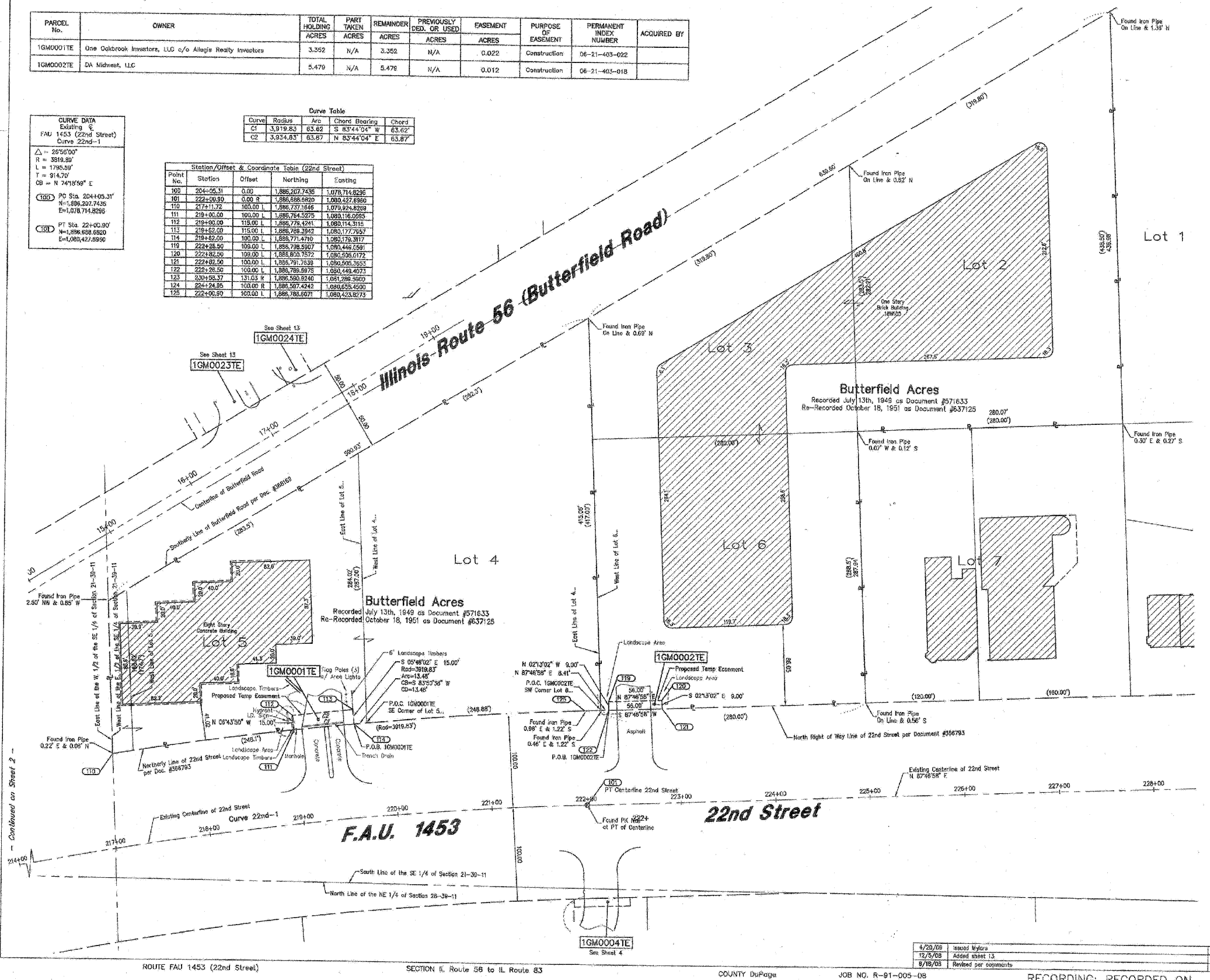
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**PLAT OF HIGHWAYS**  
STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION  
FAU 1453 (22nd Street)

SECTION IL Route 56 to IL Route 83 COUNTY DuPage  
PROJECT JOB NO. R-91-005-08  
STATION 217+11.72 TO STATION 222+82.50  
SCALE: 1"=50' SHEET 3 OF 13

BUREAU OF LAND ACQUISITION  
201 WEST CENTER COURT  
SCHAMBURG, ILLINOIS 60196-1096

AS DOCUMENT NO.



FILE NAME = g:\ch07\0661\road\sheet\D160012-SHT-RO	USER NAME = BAW1ort	DESIGNED -	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	SCALE:	SHEET NO. 146 OF 362 SHEETS
PLAN3.dgn		DRAWN -	REVISED -			
PLOT SCALE = 50.0000 / IN.		CHECKED -	REVISED -			
PLOT DATE = 8/5/2009		DATE = 07/24/2009	REVISED -			

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1453	55WRS	DUPAGE	362	146
				CONTRACT NO. 60D12
FED. ROAD DIST. NO. 7 (ILLINOIS) FED. AID PROJECT				



PART OF THE OF NE 1/4 OF SEC. 28, T39N, R11E OF THE 3RD P.M., DUPAGE COUNTY, ILLINOIS

PARCEL No.	OWNER	TOTAL HOLDING ACRES	PART TAKEN ACRES	REMAINDER ACRES	PREVIOUSLY DED. OR USED ACRES	EASEMENT ACRES	PURPOSE OF EASEMENT	PERMANENT INDEX NUMBER	ACQUIRED BY
1GM0004TE	2601-2607 W 22nd St. LLC	4.998	N/A	4.998	N/A	0.012	Construction	08-28-202-003	

**CURVE DATA**  
Existing  
FAU 1453 (22nd Street)  
Curve 22nd-1

$\Delta = 2629.00'$   
 $R = 3919.99'$   
 $L = 1795.59'$   
 $T = 914.70'$   
 $CB = N 74^{\circ}16'59" E$

(100) PC Sta. 204+05.31'  
N=1,895,207.7435  
E=1,078,714.8226

(101) PT Sta. 224+00.00'  
N=1,896,568.8820  
E=1,080,427.6980

**Curve Table**

Curve	Radius	Arc	Chord Bearing	Chord
C3	3,710.83	16.42	S 87°39'22" W	16.42'
C4	3,710.83	16.46	N 87°38'22" E	16.46'

**Line Table**

Line	Bearing	Distance
L1	S 87°49'59" W	42.10'
L2	N 87°46'58" E	42.10'

**Station/Offset & Coordinate Table (22nd Street)**

Point No.	Station	Offset	Northing	Easting
100	204+05.31	0.00	1,895,207.7435	1,078,714.8226
101	222+00.00	0.00	1,896,688.8820	1,080,427.6980
115	221+84.00	100.00	1,896,568.8836	1,080,415,1200
116	222+43.00	100.00	1,896,568.8834	1,080,473.9320
117	222+43.00	100.00	1,896,568.8832	1,080,413.8892
118	221+84.00	100.00	1,896,579.0621	1,080,415,5880
124	224+24.95	100.00	1,896,567.4242	1,080,635.4000
212	222+08.50	100.00	1,896,568.7599	1,080,431.5847
213	222+09.90	100.00	1,896,578.7536	1,080,431.9128

**LEGEND**

SECTION CORNER  
QUARTER SECTION CORNER

SECTION LINE  
QUARTER SECTION LINE  
QUARTER, QUARTER SECTION LINE  
PLATTED LOT LINE  
PROPERTY (DEED) LINE

APL  
APPARENT PROPERTY LINE  
CENTERLINE  
EXISTING RIGHT OF WAY LINE  
PROPOSED RIGHT OF WAY LINE  
PROPOSED EASEMENT  
MEASURED DIMENSION  
COMPUTED DIMENSION  
RECORD DATA

EXISTING BUILDING

IRON PIPE OR ROD FOUND  
CUT CROSS FOUND OR SET  
THESE STAKES REFERENCE FOUND OR SET MONUMENTATION, SET 5/8 INCH PLASTIC CAP BEARING SURVEYORS REGISTRATION NUMBER.  
T1  
T2  
T3  
THESE STAKES, IN CULTIVATED AREAS, REFERENCE FOUND OR SET  
BT1  
BT2  
BT3  
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 COLOR PLASTIC CAP BEARING SURVEYORS REGISTRATION NUMBER.  
PERMANENT SURVEY MARKER, 1 D O T STD. 2135 (TO BE SET BY OTHERS)  
RIGHT OF WAY STAKING PROPOSED TO BE SET.

**GRAPHIC SCALE**  
(IN FEET)

50 0 50 100 150 200

- NOTES:**
- COORDINATES SHOWN ON THIS PLAT ARE GROUND VALUES IN FEET. THEY CAN BE CONVERTED TO GRID VALUES BY MULTIPLYING THE GROUND COORDINATES BY 0.999970359.
  - ALL BEARINGS SHOWN ARE REFERENCED TO THE ILLINOIS STATE PLANE COORDINATE SYSTEM.
  - SURVEYED IN ENOUGH. ALL STATIONING IS SHOWN IN FEET.
  - SHEET 1 IS THE COVER SHEET AND IS NOT RECORDED.
  - BUILDINGS SHOWN ARE TO THE PROPOSED RIGHT OF WAY LINE, UNLESS THERE ARE NO TANKINGS ON SAID PROPERTY, IN WHICH CASE THEY ARE TO THE EXISTING RIGHT OF WAY LINE.

STATE OF ILLINOIS )  
COUNTY OF COOK ) SS

THIS IS TO DECLARE THAT WE, W-T LAND SURVEYING, INC., HAVE SURVEYED THE PLAT OF HIGHWAYS SHOWN HEREON IN THE NORTHEAST 1/4 OF SECTION 28, TOWNSHIP 39 NORTH, RANGE 11 EAST OF THE THIRD PRINCIPAL MERIDIAN, DUPAGE COUNTY, ILLINOIS. 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 HEREON AND THAT THE MONUMENTS ARE SUFFICIENT TO ENABLE THE SURVEY TO BE RETRACED. MADE FOR THE DEPARTMENT OF TRANSPORTATION, STATE OF ILLINOIS.

GIVEN UNDER OUR HAND AND SEAL THIS 20th DAY OF APRIL, A.D. 2009.  
AT ROFFMAN ESTATES, ILLINOIS.

*Eric J. Miller*  
FRANCO I. MATICO - PLS 2035-00355 EXPRES 11/29/2010  
ILLINOIS PROFESSIONAL DESIGN FIRM LICENSE NO. 157-164387

**W-T LAND SURVEYING, INC.**  
LAND AND CONSTRUCTION SURVEYORS

2675 Prater Avenue  
Morton Grove, Illinois 60110  
PH: (708) 798-8833 FAX: (708) 798-8866  
www.wtlandsurveying.com

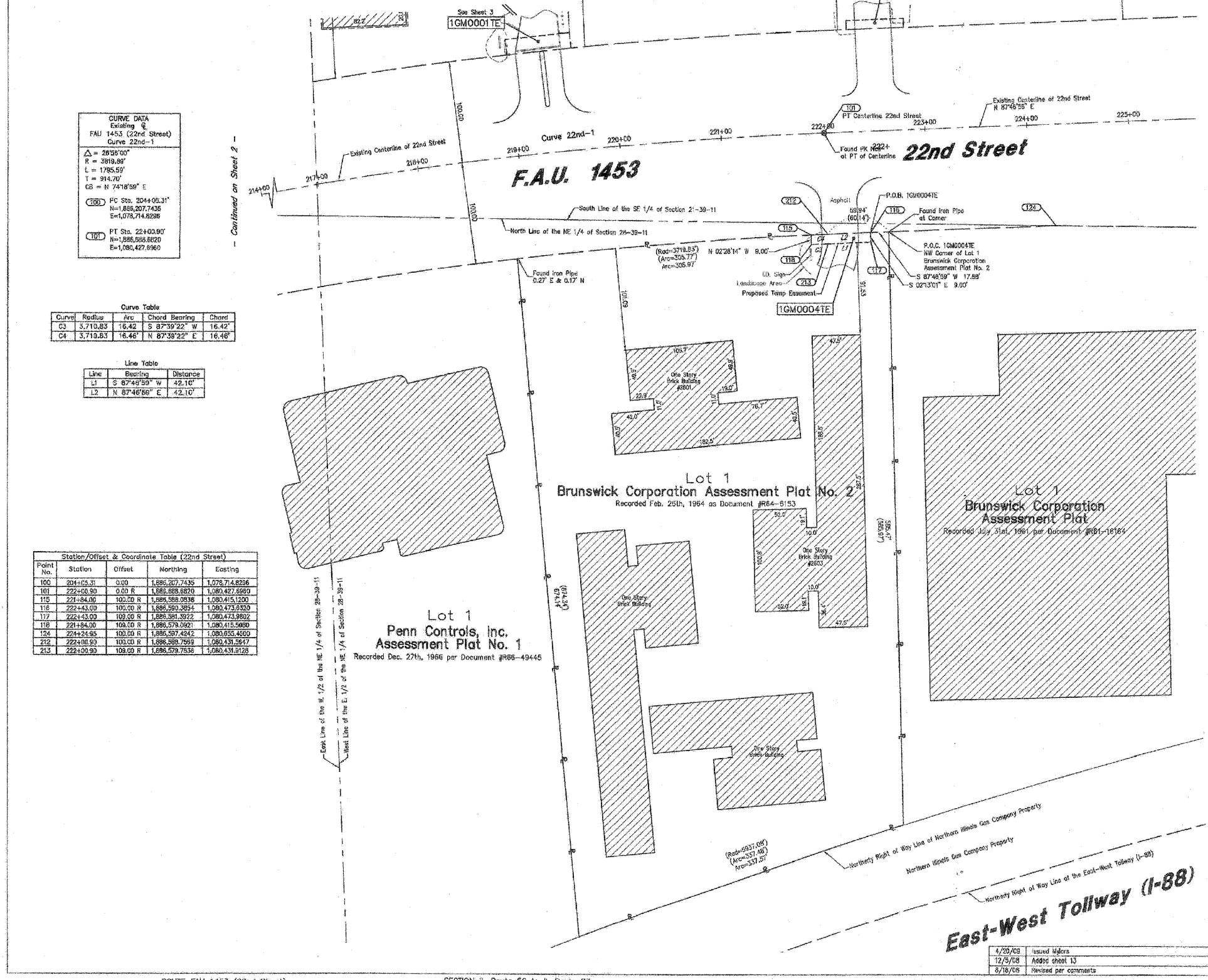
IL License No.: 184-004387 Exp: 04/09/11

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**PLAT OF HIGHWAYS**  
STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION  
FAU 1453 (22nd Street)

SECTION IL Route 56 to IL Route 83 COUNTY DuPage  
PROJECT JOB NO. R-91-005-08  
STATION 221+84.00 TO STATION 222+43.00  
SCALE: 1"=50' SHEET 4 OF 13

BUREAU OF LAND ACQUISITION  
201 WEST CENTER COURT  
SCHAUMBURG, ILLINOIS 60196-1096



ROUTE FAU 1453 (22nd Street) SECTION IL Route 56 to IL Route 83 COUNTY DuPage JOB NO. R-91-005-08 RECORDING: RECORDED ON AS DOCUMENT NO.

FILE NAME	USER NAME	DESIGNED	REVISED	F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
g:\ch87\0261\road\sheets\0160012-SHT-RO	PLRM4.dgn	-	-	1453	55WRS	DuPAGE	362	147
		DRAWN	REVISED					
		CHECKED	REVISED					
		DATE	REVISED					

DATE: 07/24/2009

SCALE: SHEET NO. 147 OF 362 SHEETS

FED. ROAD DIST. NO. 7 ILLINOIS FED. AID PROJECT CONTRACT NO. 60D12

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

SECTION 11, TOWNSHIP 35 N., RANGE 17 E., COUNTY OF DU PAGE, ILLINOIS

PARCEL No.	OWNER	TOTAL HOLDING ACRES	PART TAKEN ACRES	REMAINDER ACRES	PREVIOUSLY DED. OR USED ACRES	EASEMENT ACRES	PURPOSE OF EASEMENT	PERMANENT INDEX NUMBER	ACQUIRED BY
16M00057E-A 16M00057E-B	The Realty Associates Fund VII, L.P.	7.005	N/A	7.005	N/A	0.0057E-A 0.011 0.0057E-B 0.011	Construction	06-27-100-017 & 06-27-100-018	
16M00077E	Denny's Realty, Inc. a Delaware Corporation	1.006	N/A	1.006	N/A	405.00 sq. ft.	Construction	06-22-301-039	

Point No.	Station	Offset	Northing	Easting
126	232+11.50	121.32 R	1,896,800.5874	1,081,412.4640
127	232+82.50	126.08 R	1,895,603.7658	1,081,483.5786
128	232+62.50	136.08 R	1,895,594.7899	1,081,463.7263
129	232+11.50	136.32 R	1,896,591.0815	1,081,442.8123
130	237+77.00	113.81 R	1,896,636.1326	1,082,007.0103
131	238+28.00	112.37 R	1,896,636.3400	1,082,057.9245
132	238+28.00	121.37 R	1,896,630.3450	1,082,063.2726
133	237+77.00	122.81 R	1,896,627.1366	1,082,007.3588
134	238+55.50	100.00 L	1,898,852.6161	1,082,077.1878
135	238+55.50	109.00 L	1,898,861.6114	1,082,078.4396
136	238+55.50	106.00 L	1,898,863.3523	1,082,121.8059
137	238+55.50	100.00 L	1,898,854.3500	1,082,122.1641

**LEGEND**

SECTION CORNER (Symbol: 9 119 1616)

QUARTER SECTION CORNER (Symbol: 16 15)

SECTION LINE (Symbol: ---)

QUARTER SECTION LINE (Symbol: - - -)

QUARTER, QUARTER SECTION LINE (Symbol: - · - · -)

PLATTED LOT LINE (Symbol: —+—)

PROPERTY (DEED) LINE (Symbol: —+—)

APL (Symbol: ---)

APPARENT PROPERTY LINE (Symbol: - · - · -)

CENTERLINE (Symbol: - · - · -)

EXISTING RIGHT OF WAY LINE (Symbol: - · - · -)

PROPOSED RIGHT OF WAY LINE (Symbol: - · - · -)

PROPOSED EASEMENT (Symbol: - · - · -)

MEASURED DIMENSION (Symbol: ---)

COMPUTED DIMENSION (Symbol: ---)

RECORD DATA (Symbol: ---)

EXISTING BUILDING (Symbol: Hatched Area)

IRON PIPE OR ROD FOUND (Symbol: ⊙)

CUT CROSS FOUND OR SET (Symbol: ⊕)

PK NAIL SET (Symbol: ⊙)

REPLACED AFTER CONSTRUCTION (Symbol: ⊕)

T1 THESE STAKES REFERENCE FOUND OR SET MONUMENTATION, SET 5/8 INCH T2 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 BT2 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 OR 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 COLOR PLASTIC CAP BEARING SURVEYORS REGISTRATION NUMBER.

PERMANENT SURVEY MARKER, 1 D O T STD. 2136 (TO BE SET BY OTHERS)

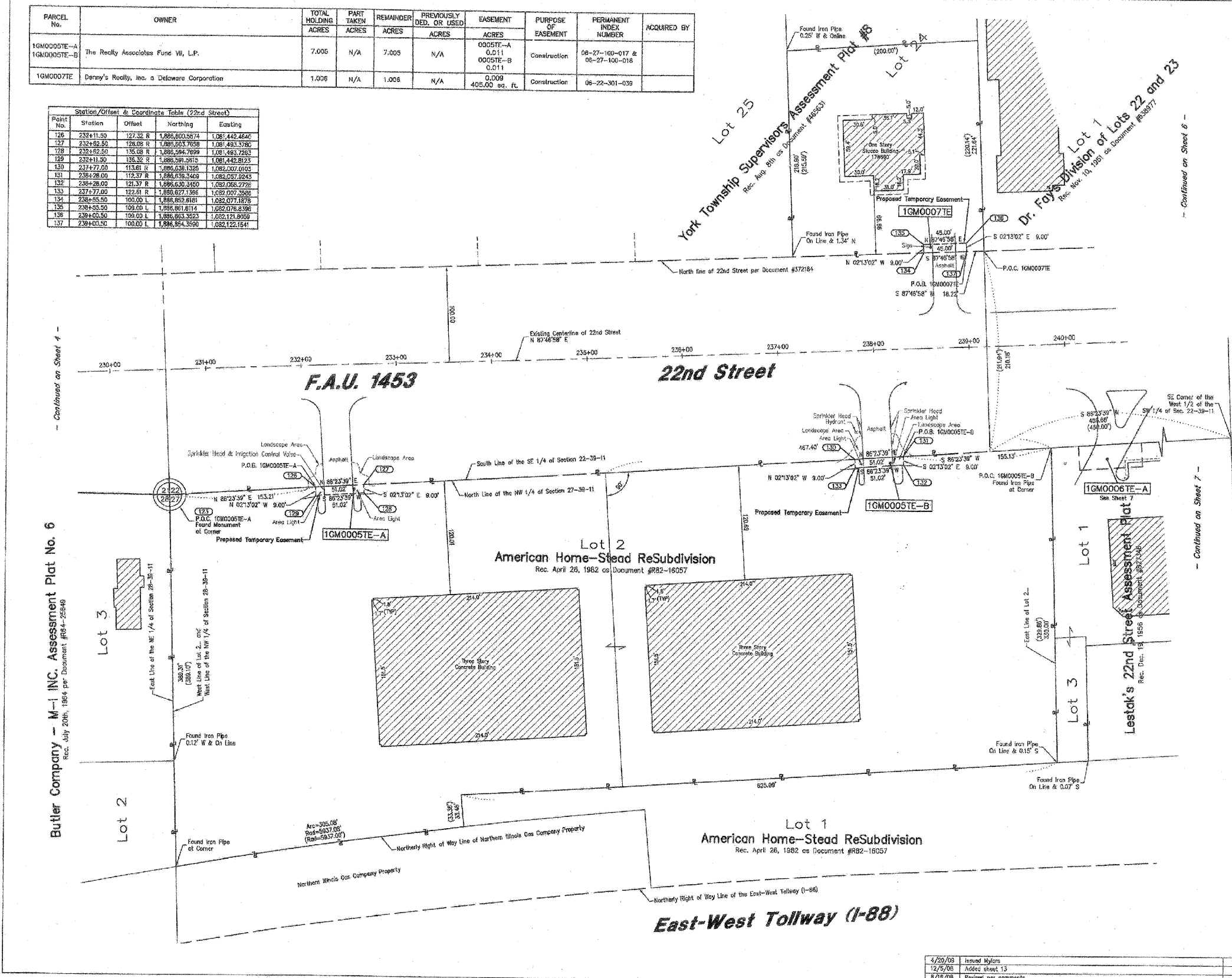
RIGHT OF WAY STAKING PROPOSED TO BE SET.

**GRAPHIC SCALE**  
( IN FEET )

50 0 50 100 150 200

Continued on Sheet 4

Butler Company - M-1 INC. Assessment Plat No. 6  
Rec. July 20th, 1964 per Document #R64-25648



Continued on Sheet 6

Continued on Sheet 7

- NOTES:**
- COORDINATES SHOWN ON THIS PLAN ARE GROUND VALUES IN FEET. THEY CAN BE CONVERTED TO GRID VALUES BY MULTIPLYING THE GROUND COORDINATES BY 0.99970359.
  - ALL BEARINGS SHOWN ARE REFERENCED TO THE ILLINOIS STATE PLANE COORDINATE SYSTEM.
  - SURVEYED IN ENGLISH. ALL STATIONING IS SHOWN IN FEET.
  - SHEET 1 IS THE COVER SHEET AND IS NOT RECORDED.
  - BUILDING TIES SHOWN ARE TO THE PROPOSED RIGHT OF WAY LINE, UNLESS THERE ARE NO TAKINGS ON SAID PROPERTY, IN WHICH CASE THEY ARE TO THE EXISTING RIGHT OF WAY LINE.

STATE OF ILLINOIS )  
COUNTY OF DU PAGE ) SS

THIS IS TO DECLARE THAT W-T LAND SURVEYING, INC., HAVE SURVEYED THE PLAT OF HIGHWAYS SHOWN HEREON IN THE NORTHWEST 1/4 OF SECTION 27 AND THE SOUTHWEST 1/4 OF SECTION 32, ALL IN TOWNSHIP 35 NORTH, RANGE 17 EAST OF THE THIRD PRINCIPAL MERIDIAN, DU PAGE COUNTY, ILLINOIS, 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.

GIVEN UNDER OUR HAND AND SEAL THIS 20th DAY OF APRIL A.D. 2009.

AT HOFFMAN ESTATES, ILLINOIS.

*[Signature]*  
FRANCO I. MATIC - PLS #035-002556 EXPIRES 11/30/2010  
ILLINOIS PROFESSIONAL DESIGN FIRM LICENSE NO. 187-004387

**W-T LAND SURVEYING, INC.**  
LAND AND CONSTRUCTION SURVEYORS

2875 Franklin Avenue  
Hoffman Estates, Illinois 60132  
PH: (224) 590-6333 FAX: (224) 263-0555  
www.wtlandsurveying.com

IL License No. 184-004387 Exp: 04/03/11

**PLAT OF HIGHWAYS**  
STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION  
FAU 1453 (22nd Street)

SECTION 11, Route 56 to IL Route 83 COUNTY DuPage  
PROJECT JOB NO. R-91-005-08  
STATION 232+11.50 TO STATION 239+00.50  
SCALE: 1"=50' SHEET 5 OF 13

BUREAU OF LAND ACQUISITION  
201 WEST CENTER COURT  
SCHUMBERG, ILLINOIS 60196-1096

4/20/09	Issued Mylors	MG
12/5/06	Added sheet 13	MO
8/15/06	Revised per comments	MO

RECORDING: RECORDED ON

AS DOCUMENT NO.

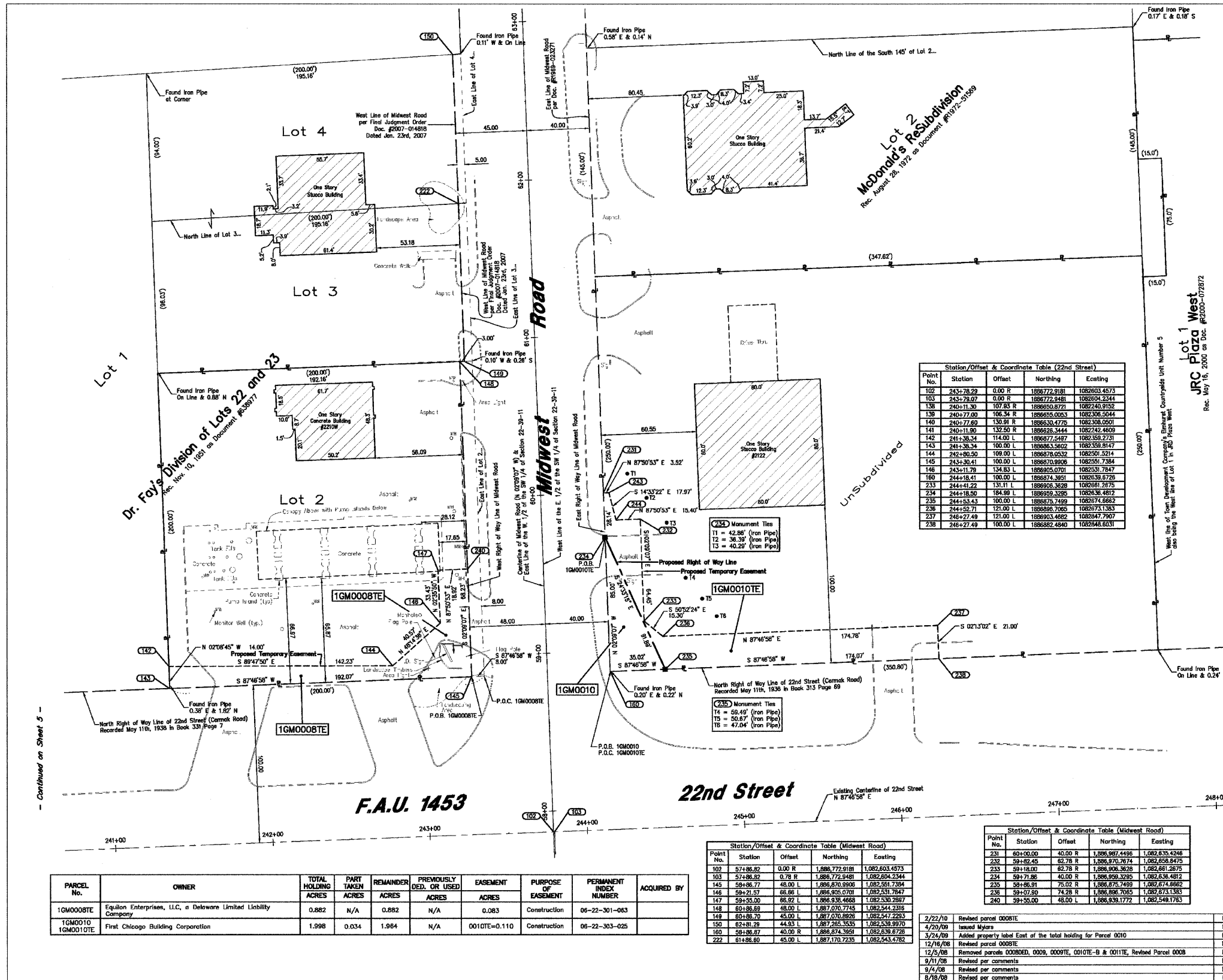
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g:\ch7\0861\road\sheds\0160012-SHT-RD	PLANS.dgn	DRAWN -	REVISED -
	PLOT SCALE = 50.0000 "/ IN.	CHECKED -	REVISED -
	PLOT DATE = 8/5/2009	DATE = 07/24/2009	REVISED -

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

SCALE: SHEET NO. 148 OF 362 SHEETS

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1453	55WRS	DuPAGE	362	148
CONTRACT NO. 60D12			FED. ROAD DIST. NO. 7 (ILLINOIS) FED. AID PROJECT	

PART OF THE OF SW 1/4 of SEC. 22, T39N, R11E OF THE 3RD P.M., DUPAGE COUNTY, ILLINOIS



**LEGEND**

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

Station/Offset & Coordinate Table (22nd Street)

Point No.	Station	Offset	Northing	Easting
102	243+78.29	0.00 R	1886772.9181	1082603.4573
103	243+78.07	0.00 R	1886772.9488	1082604.2344
138	240+11.30	107.83 R	1886650.8721	1082240.9152
139	240+77.00	106.34 R	1886653.0053	1082308.5044
140	240+77.69	130.91 R	1886630.4775	1082308.0501
141	240+11.90	132.59 R	1886626.3444	1082242.4609
142	241+38.34	114.00 L	1886677.2487	1082358.2731
143	241+38.34	100.00 L	1886683.5602	1082358.9147
144	242+90.50	109.00 L	1886678.0532	1082501.3214
145	243+30.41	100.00 L	1886670.8906	1082551.7384
146	243+11.78	134.83 L	1886693.0701	1082531.7847
160	244+18.41	100.00 L	1886874.3651	1082838.6726
233	244+41.22	131.11 L	1886806.3628	1082861.2875
234	244+18.50	184.99 L	1886859.3295	1082836.4812
235	244+53.43	100.00 L	1886875.7499	1082874.8662
236	244+52.71	121.00 L	1886895.7085	1082875.1383
237	245+27.49	121.00 L	1886903.4682	1082847.7907
238	245+27.49	100.00 L	1886882.4840	1082848.6031

Station/Offset & Coordinate Table (Midwest Road)

Point No.	Station	Offset	Northing	Easting
231	60+00.00	40.00 R	1,886,987,4496	1,082,635,4246
232	59+82.45	62.78 R	1,886,970,7674	1,082,638,8475
233	59+16.01	52.78 R	1,886,906,3623	1,082,661,5875
234	59+71.86	40.00 R	1,886,959,3295	1,082,636,4812
235	59+86.91	75.02 R	1,886,875,7489	1,082,674,8662
236	59+07.80	74.28 R	1,886,886,7045	1,082,673,1383
240	59+55.00	48.00 L	1,886,839,1772	1,082,549,1763

PARCEL No.	OWNER	TOTAL HOLDING ACRES	PART TAKEN ACRES	REMAINDER ACRES	PREVIOUSLY DEED OR USED ACRES	EASEMENT ACRES	PURPOSE OF EASEMENT	PERMANENT INDEX NUMBER	ACQUIRED BY
1GM0008TE	Equilon Enterprises, LLC, a Delaware Limited Liability Company	0.882	N/A	0.882	N/A	0.083	Construction	06-22-301-053	
1GM0010	First Chicago Building Corporation	1.998	0.034	1.964	N/A	0.010TE=0.110	Construction	06-22-303-025	

- IRON PIPE OR ROD FOUND
- ✦ CUT CROSS FOUND OR SET
- ✦ REPLACED AFTER CONSTRUCTION
- T1 THESE STAKES REFERENCE FOUND OR SET MONUMENTATION, SET 5/8 INCH IRON ROD FLUSHED 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 DISPOSITION OF HIGHWAYS SURVEY MARKER TO MONUMENT THE POSITION SHOWN, IDENTIFIED BY INSCRIPTION DATA AND SURVEYORS REGISTRATION NUMBER.
- M STAKING OR 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 COLOR PLASTIC CAP BEARING SURVEYORS REGISTRATION NUMBER.
- ⊕ PERMANENT SURVEY MARKER, I D O T STD. 2135 (TO BE SET BY OTHERS)
- RIGHT OF WAY STAKING PROPOSED TO BE SET.

GRAPHIC SCALE  
( IN FEET )

30 0 30 60 90 120

- NOTES:
- COORDINATES SHOWN ON THIS PLAT ARE GROUND VALUES IN FEET. THEY CAN BE CONVERTED TO GRID VALUES BY MATRIZING THE GROUND COORDINATES BY 0.9997089.
  - ALL BEARINGS SHOWN ARE REFERENCED TO THE ILLINOIS STATE PLANE COORDINATE SYSTEM.
  - SURVEYED IN ENGLISH. ALL STATIONING IS SHOWN IN FEET.
  - SHEET 1 IS THE COVER SHEET AND IS NOT RECORDED.
  - BUILDING TIES SHOWN ARE TO THE PROPOSED RIGHT OF WAY LINE, UNLESS THERE ARE NO TAGINGS ON SAID PROPERTY, IN WHICH CASE THEY ARE TO THE EXISTING RIGHT OF WAY LINE.

STATE OF ILLINOIS )  
COUNTY OF COOK ) SS

THIS IS TO DECLARE THAT WE, W-T LAND SURVEYING, INC., HAVE SURVEYED THE PLAT OF HIGHWAYS SHOWN HEREIN IN THE SOUTHWEST 1/4 OF SECTION 22, TOWNSHIP 39 NORTH, RANGE 11 EAST OF THE THIRD PRINCIPAL MERIDIAN, DUPAGE COUNTY, ILLINOIS. 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.

GIVEN UNDER OUR HAND AND SEAL THIS \_\_\_\_\_ DAY OF \_\_\_\_\_ A.D. 2010.  
AT HOFFMAN ESTATES, ILLINOIS.

FRANK I. MATRIZ - PLS #035-00356 EXPIRES 11/30/2010  
ILLINOIS PROFESSIONAL DESIGN FIRM LICENSE NO. 157-034387

**W-T LAND SURVEYING, INC.**  
LAND AND CONSTRUCTION SURVEYORS

2875 Prisma Avenue  
Hoffman Estates, Illinois 60112  
PH: (224) 283-6333 FAX: (224) 283-6444  
www.wtlandsurveying.com  
ILL. License No.: 194-004387 Exp. 04/30/11

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PLAT OF HIGHWAYS  
STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION  
FAU 1453 (22nd Street)

SECTION IL Route 56 to IL Route 83 COUNTY DuPage  
PROJECT JOB NO. R-91-005-08  
STATION TO STATION  
SCALE: 1"=30' SHEET 6 OF 13

BUREAU OF LAND ACQUISITION  
201 WEST CENTER COURT  
SCHAUMBURG, ILLINOIS 60196-1096

FILE NAME = g:\CH07\0861\Road\SHETS\0160012-SHT-R01\PLANS.dgn  
USER NAME = jmgolemba  
DESIGNED -  
DRAWN -  
CHECKED -  
PLT DATE = 4/3/2010

DESIGNED -  
DRAWN -  
CHECKED -  
DATE = 4/1/2010

REVISED -  
REVISED -  
REVISED -  
REVISED -

2/22/10 Revised parcel 0008TE MO  
4/20/09 Issued Mylars MO  
3/24/09 Added property label East of the total holding for Parcel 0010 MO  
12/16/08 Revised parcel 0008TE MO  
12/5/08 Removed parcels 0008DE, 0009, 0009TE, 0010TE-B & 0011TE, Revised Parcel 0008 MO  
9/1/08 Revised per comments MO  
9/4/08 Revised per comments MO  
8/16/08 Revised per comments MO

RECORDING: RECORDED ON AS DOCUMENT NO.

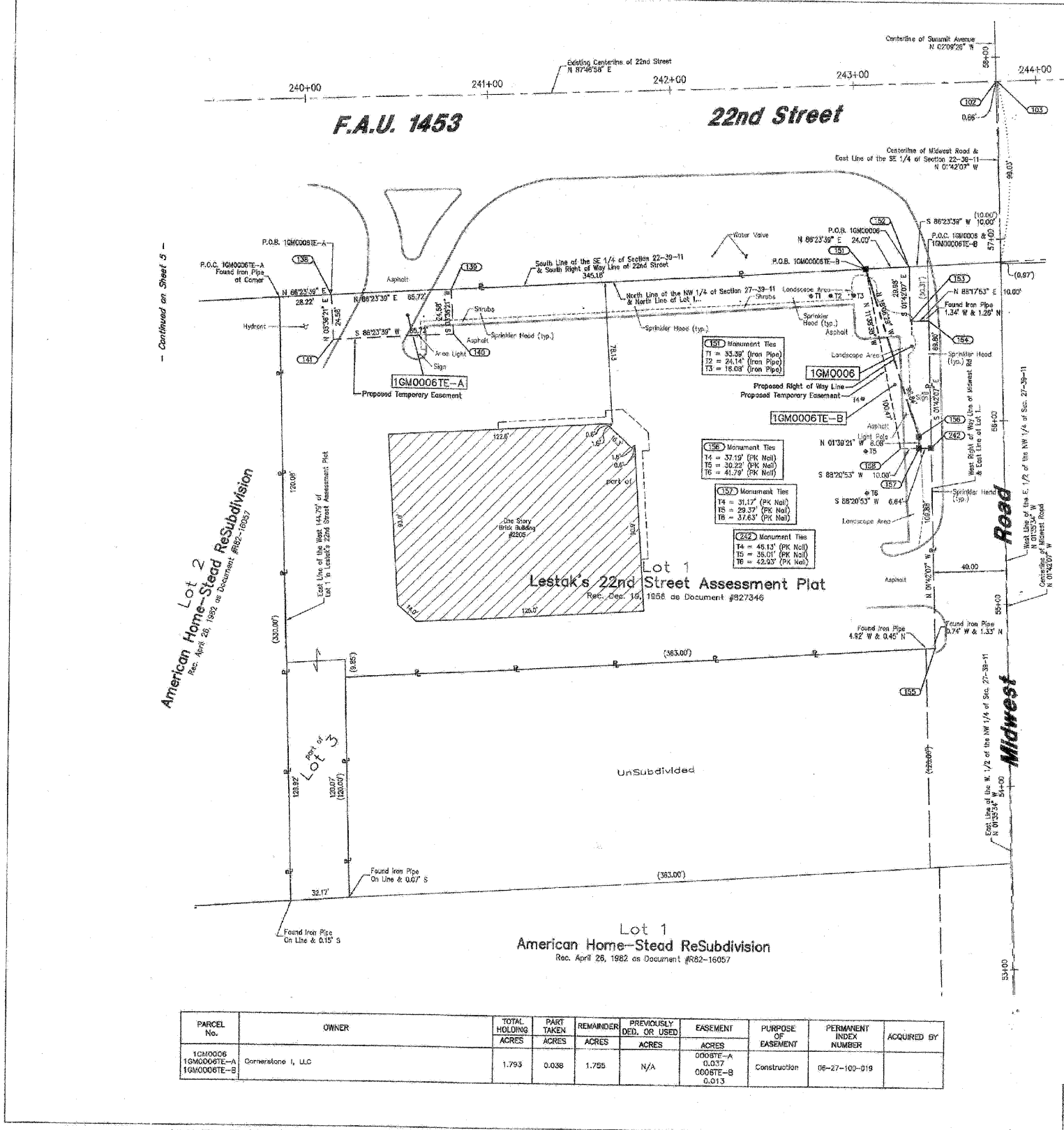
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1453	55WRS	DuPage	362	149

SCALE: SHEET NO. 149 OF 362 SHEETS

FED. ROAD DIST. NO. 7 ILLINOIS FED. AID PROJECT

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

SECTION 27, T39N, R11E OF THE 3RD P.M., DUPAGE COUNTY, ILLINOIS



**LEGEND**

- SECTION CORNER
- QUARTER SECTION CORNER
- SECTION LINE
- QUARTER SECTION LINE
- QUARTER, QUARTER SECTION LINE
- PLATTED LOT LINE
- PROPERTY (DEED) LINE
- APPARENT PROPERTY LINE
- CENTERLINE
- EXISTING RIGHT OF WAY LINE
- PROPOSED RIGHT OF WAY LINE
- PROPOSED EASEMENT
- MEASURED DIMENSION
- 129.32' (COMP.)
- COMPUTED DIMENSION
- RECORD DATA
- EXISTING BUILDING
- IRON PIPE OR ROD FOUND
- CUT CROSS FOUND OR SET
- PK NAIL SET
- REPLACED AFTER CONSTRUCTION
- T1 THESE STAKES REFERENCE FOUND OR SET MONUMENTATION, SET 5/8 INCH IRON ROD FLUSHED WITH GROUND TO THE FOUND IRON STAKE, IDENTIFIED BY COLORED PLASTIC CAP BEARING SURVEYORS REGISTRATION NUMBER.
- T2 THESE STAKES, IN CULTIVATED AREAS, REFERENCE FOUND OR SET MONUMENTATION, BURIED 5/8 INCH IRON ROD 30 INCHES BELOW GROUND TO THE FOUND IRON STAKE, IDENTIFIED BY COLORED PLASTIC CAP BEARING SURVEYORS REGISTRATION NUMBER.
- BT1 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.
- BT2 STAKING OR 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 COLOR PLASTIC CAP BEARING SURVEYORS REGISTRATION NUMBER.
- PERMANENT SURVEY MARKER, I D O T STD. 2135 (TO BE SET BY OTHERS)
- RIGHT OF WAY STAKING PROPOSED TO BE SET.



**Station/Offset & Coordinate Table (Midwest Road)**

Point No.	Station	Offset	Northing	Easting
102	57+88.81	0.66 L	1,886,772.927	1,082,803.972
103	57+88.82	0.66 R	1,886,772.948	1,082,804.244
151	58+88.32	1.99 L	1,886,668.268	1,082,533.293
152	58+88.12	50.00 L	1,886,670.859	1,082,537.247
153	58+88.14	50.00 L	1,886,640.846	1,082,568.139
154	58+88.14	40.00 L	1,886,481.241	1,082,575.498
155	58+78.47	40.00 L	1,886,481.241	1,082,575.498
156	58+88.43	48.64 L	1,886,577.250	1,082,583.350
157	58+88.35	48.64 L	1,886,571.179	1,082,583.350
158	58+88.36	56.64 L	1,886,570.896	1,082,583.377
159	58+87.27	50.00 R	1,886,474.929	1,082,657.189
214	58+87.72	100.26 R	1,886,476.867	1,082,707.414
215	58+88.75	30.00 R	1,886,428.494	1,082,658.019
216	58+87.76	0.00 L	1,886,673.822	1,082,607.129
217	58+87.85	114.76 R	1,886,673.428	1,082,721.880
218	58+34.52	60.00 R	1,886,622.478	1,082,668.737
242	58+88.34	40.00 L	1,886,571.373	1,082,570.262

**Station/Offset & Coordinate Table (22nd Street)**

Point No.	Station	Offset	Northing	Easting
102	243+78.41	0.00 R	1,886,772.927	1,082,803.972
103	243+78.07	0.00 R	1,886,772.948	1,082,804.244
135	249+11.59	107.80 R	1,886,550.972	1,082,740.912
139	249+17.00	108.34 R	1,886,555.063	1,082,760.244
140	249+17.80	130.81 R	1,886,630.477	1,082,706.050
141	249+11.90	130.80 R	1,886,626.344	1,082,742.469
181	243+01.17	100.83 R	1,886,669.268	1,082,533.293
182	243+28.17	100.25 R	1,886,670.859	1,082,557.247
183	243+27.80	130.22 R	1,886,640.846	1,082,568.139
184	243+37.90	130.31 R	1,886,641.138	1,082,568.132

- NOTES:**
- COORDINATES SHOWN ON THIS PLAT ARE GRID VALUES IN FEET. THEY CAN BE CONVERTED TO GRID VALUES BY MULTIPLYING THE GROUND COORDINATES BY 0.999970369.
  - ALL BEARINGS SHOWN ARE REFERENCED TO THE ILLINOIS STATE PLANE COORDINATE SYSTEM.
  - SURVEYED IN ENGLISH. ALL STATIONING IS SHOWN IN FEET.
  - SHEET 1 IS THE COVER SHEET AND IS NOT RECORDED.
  - BOUNDARY TIES SHOWN ARE TO THE PROPOSED RIGHT OF WAY LINE, UNLESS THERE ARE NO TAKINGS ON SAID PROPERTY, IN WHICH CASE THEY ARE TO THE EXISTING RIGHT OF WAY LINE.

STATE OF ILLINOIS )  
COUNTY OF COOK ) SS

THIS IS TO DECLARE THAT WE, W-T LAND SURVEYING, INC. HAVE SURVEYED THE PLAT OF HIGHWAYS SHOWN HEREON IN THE NORTHWEST 1/4 OF SECTION 27, IN TOWNSHIP 39 NORTH, RANGE 11 EAST OF THE THIRD PRINCIPAL MERIDIAN, DUPAGE COUNTY, ILLINOIS. 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.

SIGNED UNDER OUR HAND AND SEAL THIS 20th DAY OF APRIL, A.D. 2009  
AT HOFFMAN ESTATES, ILLINOIS.

*Frank L. Hattoc*  
FRANK L. HATTOC - PLS #035-003558 EXPIRES 11/30/2010  
ILLINOIS PROFESSIONAL DESIGN FIRM LICENSE NO. 187-004387

**W-T LAND SURVEYING, INC.**  
LAND AND CONSTRUCTION SURVEYORS

2875 Pavilion Avenue  
Hoffman Estates, Illinois 60132  
P: (224) 988-6313 FAX: (224) 293-6444  
www.wt-surveying.com  
ILL. License No. 154-004387 Exp. 04/30/11

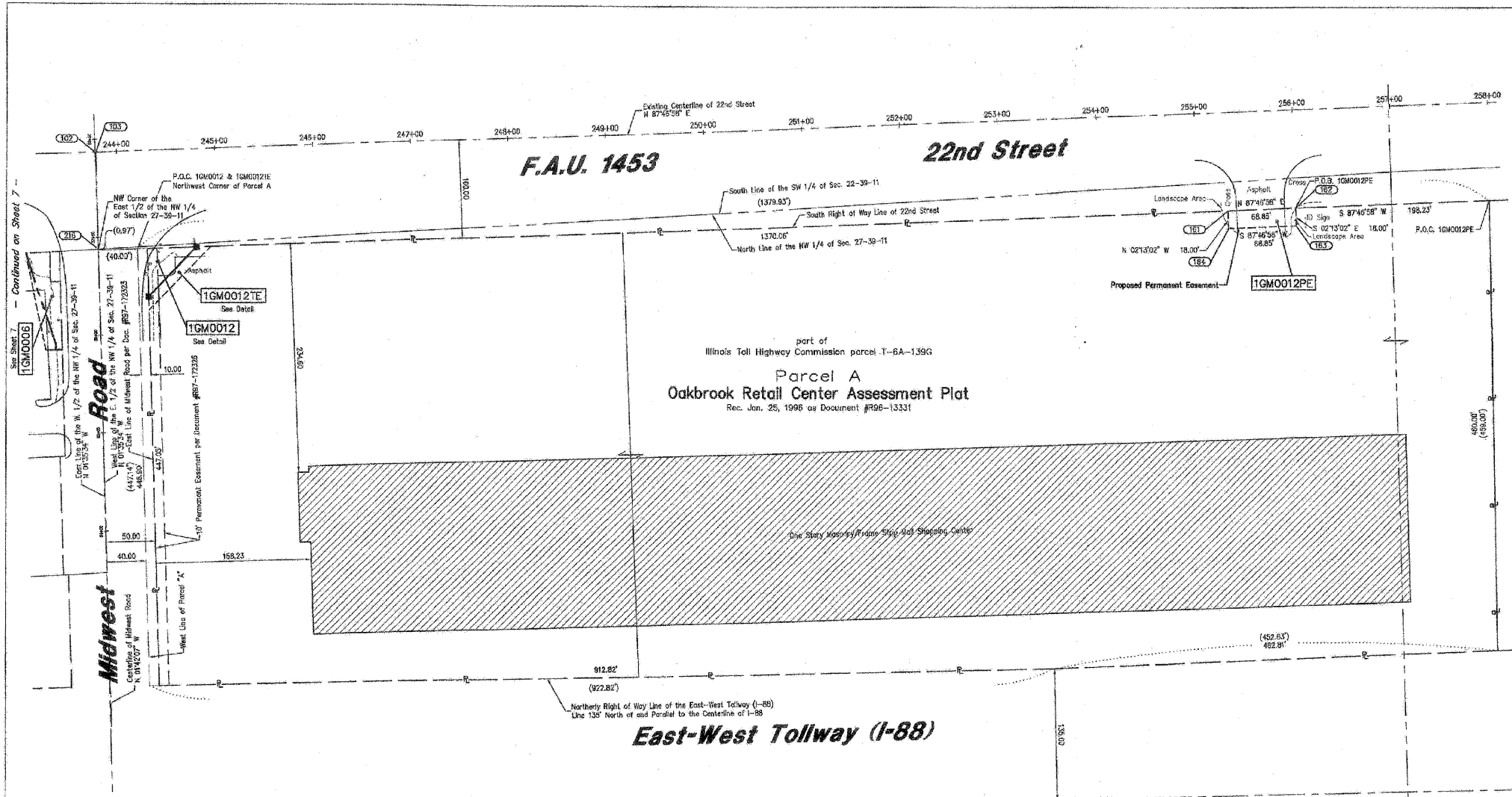
**PLAT OF HIGHWAYS**  
STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION  
FAU 1453 (22nd Street)

SECTION IL Route 56 to IL Route 83 COUNTY DuPage  
PROJECT JOB NO. R-91-005-08  
STATION 240+11.30 TO STATION 243+36.26  
SCALE: 1"=30' SHEET 7 OF 13

PARCEL No.	OWNER	TOTAL HOLDING ACRES	PART TAKEN ACRES	REMAINDER ACRES	PREVIOUSLY DEED. OR USED ACRES	EASEMENT ACRES	PURPOSE OF EASEMENT	PERMANENT INDEX NUMBER	ACQUIRED BY
1GM0006 1GM0006E-A 1GM0006E-B	Comerstone I, LLC	1.793	0.038	1.755	N/A	0.037 0.008E-A 0.013	Construction	06-27-100-019	

Date	Issued By	NO
4/20/09	Issued By	NO
12/5/08	Revised Per 0008 & 0008E-B	NO
9/11/08	Revised per comments	NO
8/4/08	Revised per comments	NO
8/18/08	Revised per comments	NO

PART OF THE NW 1/4 OF SEC. 27, T39N, R11E OF THE 3RD P.M., DUPAGE COUNTY, ILLINOIS



**LEGEND**

SECTION CORNER  
QUARTER SECTION CORNER

SECTION LINE  
QUARTER SECTION LINE  
QUARTER, QUARTER SECTION LINE  
PLATTED LOT LINE  
PROPERTY (DEED) LINE

APL  
APPARENT PROPERTY LINE  
CENTERLINE  
EXISTING RIGHT OF WAY LINE  
PROPOSED RIGHT OF WAY LINE  
PROPOSED EASEMENT  
MEASURED DIMENSION  
129.32'  
129.32'(COMP.)  
( )  
RECORD DATA

EXISTING BUILDING

IRON PIPE OR ROD FOUND  
CUT CROSS FOUND OR SET  
REPLACED AFTER CONSTRUCTION

T1 THESE STAKES REFERENCE FOUND OR SET MONUMENTATION, SET 5/8 INCH TO 22 IRON ROD FLUSHING WITH GROUND TO THE FOUND IRON STAKE, IDENTIFIED BY T3 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 HIGHWAY'S SURVEY MARKER TO MONUMENT THE POSITION SHOWN, IDENTIFIED BY INSCRIPTION DATA AND SURVEYORS REGISTRATION NUMBER.

STAKING OR 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 COLOR PLASTIC CAP BEARING SURVEYORS REGISTRATION NUMBER.

PERMANENT SURVEY MARKER, I D O T STD. 2135 (TO BE SET BY OTHERS)

RIGHT OF WAY STAKING PROPOSED TO BE SET.

**GRAPHIC SCALE**  
( IN FEET )

60 0 60 120 180 240

**NOTES:**

- COORDINATES SHOWN ON THIS PLAT ARE GROUND VALUES IN FEET. THEY CAN BE CONVERTED TO GRID VALUES BY MULTIPLYING THE GROUND COORDINATES BY 0.999970099.
- ALL BEARINGS SHOWN ARE REFERENCED TO THE ILLINOIS STATE PLANE COORDINATE SYSTEM.
- SURVEYED IN ENGLISH. ALL STATIONING IS SHOWN IN FEET.
- SHEET 1 IS THE COVER SHEET AND IS NOT RECORDED.
- BUILDING LINES SHOWN ARE TO THE PROPOSED RIGHT OF WAY LINE, UNLESS THERE ARE NO TAKINGS ON SAID PROPERTY, IN WHICH CASE THEY ARE TO THE EXISTING RIGHT OF WAY LINE.

STATE OF ILLINOIS ) SS  
COUNTY OF COOK ) SS

THIS IS TO DECLARE THAT WE, W-T LAND SURVEYING, INC. HAVE SURVEYED THE PLAT OF HIGHWAYS SHOWN HEREON IN THE NORTHWEST 1/4 OF SECTION 27, IN TOWNSHIP 39 NORTH, RANGE 11 EAST OF THE THIRD PRINCIPAL MERIDIAN, DUPAGE 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.

GIVEN UNDER OUR HAND AND SEAL THIS 20th DAY OF APRIL A.D. 2009.  
AT HOFFMAN ESTATES, ILLINOIS.

FRANK L. MATOIC - PLS #05-036565 EXPIRES 11/30/2010  
ILLINOIS PROFESSIONAL DESIGN FIRM LICENSE NO. 167-304387

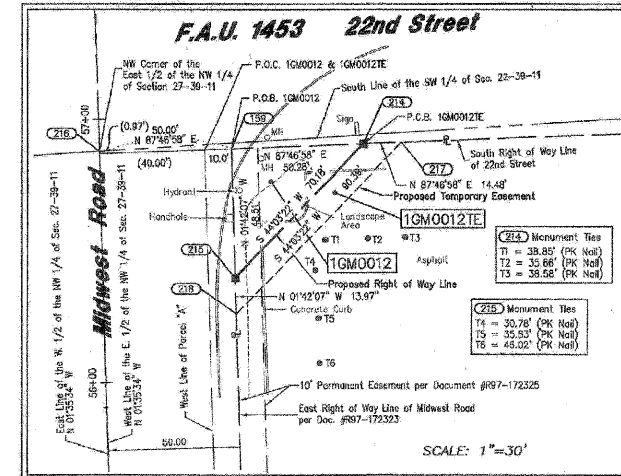
**Station/Offset & Coordinate Table (22nd Street)**

Point No.	Station	Offset	Northing	Easting
102	243+78.41	0.00 R	1,886,772.9277	1,082,603.5772
103	243+78.07	0.00 R	1,886,772.9488	1,082,604.2344
109	244+28.17	100.00 R	1,886,674.9226	1,082,551.1691
160	244+18.52	100.00 L	1,886,674.3664	1,082,632.7833
161	285+31.15	100.00 R	1,886,717.5330	1,083,769.3267
162	298+03.00	100.00 R	1,886,723.2667	1,083,826.1192
163	264+03.00	118.00 R	1,886,702.2702	1,083,828.8155
164	295+31.15	118.00 R	1,886,688.8269	1,083,769.3171
214	244+63.17	100.00 R	1,886,676.7767	1,082,692.1429
215	244+27.86	136.00 R	1,886,639.9358	1,082,658.2086
216	243+78.18	84.09 R	1,886,673.9522	1,082,607.1759
217	244+78.17	102.00 R	1,886,676.2573	1,082,707.1307
218	244+27.72	180.00 R	1,886,624.9447	1,082,658.0561
219	274+45.00	100.00 L	1,886,757.0325	1,083,925.6879

**Station/Offset & Coordinate Table (Midwest Road)**

Point No.	Station	Offset	Northing	Easting
102	57+68.8'	0.68 L	1,886,772.9277	1,082,603.5772
103	57+88.82	0.00 R	1,886,772.9488	1,082,604.2344
109	56+87.27	50.00 R	1,886,674.9226	1,082,697.1691
214	56+87.72	100.28 R	1,886,676.6679	1,082,707.4134
215	56+39.25	50.00 R	1,886,626.4264	1,082,658.1000
216	56+87.76	0.00 L	1,886,673.9522	1,082,607.1759
217	56+87.85	114.76 R	1,886,677.4260	1,082,721.5810
218	56+24.58	50.12 R	1,886,612.4680	1,082,696.0240

PARCEL No.	OWNER	TOTAL HOLDING			PREVIOUSLY DED. OR USED	EASEMENT	PURPOSE OF EASEMENT	PERMANENT INDEX NUMBER	ACQUIRED BY
		ACRES	PART TAKEN	REMAINDER					
1GM0012 1GM0012TE 1GM0012PE	The Shops at Oak Brook Place Limited Partnership	14.326	0.028	14.298	N/A	TE=0.018 PE=0.028	Construction & Permanent	05-27-103-018 & 06-27-103-021	



4/20/09	Issued Mylar	MO
12/5/06	Added sheet 13	MO
5/11/06	Revised per comments	MO
9/4/06	Revised per comments	MO
8/16/06	Revised per comments	MO

**W-T LAND SURVEYING, INC.**  
LAND AND CONSTRUCTION SURVEYORS

2875 Platan Avenue  
Hoffman Estates, Illinois 60112  
PH (815) 281-8300 FAX (815) 281-2444  
www.wtlandsurveying.com  
IL License No.: 184-004387 Exp: 04/01/11

**PLAT OF HIGHWAYS**  
STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION  
FAU 1453 (22nd Street)

SECTION IL Route 56 to IL Route 83 COUNTY DuPage  
PROJECT JOB NO. R-91-005-08  
STATION 244+28.17 TO STATION 256+00.00  
SCALE: 1"=60' SHEET 8 OF 13

BUREAU OF LAND ACQUISITION  
201 WEST CENTER COURT  
SCHALMUR, ILLINOIS 60196-1096

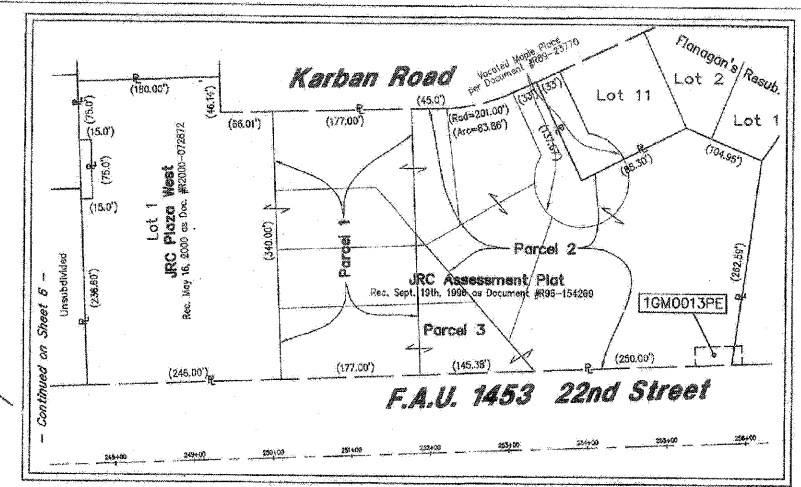
AS DOCUMENT NO.

PART OF THE S. 1/2 OF SEC. 22, T39N, R11E OF THE 3RD P.M., DUPAGE COUNTY, ILLINOIS

PARCEL No.	OWNER	TOTAL HOLDING ACRES	PART TAKEN ACRES	REMAINDER ACRES	PREVIOUSLY DEED OR USED ACRES	EASEMENT ACRES	PURPOSE OF EASEMENT	PERMANENT INDEX NUMBER	ACQUIRED BY
1GM0013PE	JRC Investments, LLC, an Illinois limited liability company	6.411	N/A	6.411	N/A	0.028	Permanent	08-22-305-013 08-22-310-023 08-22-310-028	
1GM0014TE-A 1GM0014TE-B	Tejany Hospitality, LLC, an Illinois Limited Liability Company	3.091	N/A	3.091	N/A	TE-A=0.008 or 285.35 sq. ft. TE-B=0.009 or 405.00 sq. ft.	Construction	06-22-405-019	

Station/Offset & Coordinate Table (22nd Street)

Point No.	Station	Offset	Northing	Easting
155	255+39.50	174.00 L	1,888,841.7485	1,083,758.9885
156	255+49.64	124.00 L	1,886,841.8681	1,083,808.0871
157	255+59.50	100.00 L	1,886,817.7865	1,083,758.9271
158	255+68.50	99.58 L	1,886,818.4236	1,083,826.6903
159	255+78.50	124.00 L	1,886,944.0310	1,083,817.9545
170	255+88.50	100.00 L	1,886,820.0460	1,083,818.8828
171	257+39.50	100.00 L	1,886,820.3038	1,083,959.7774
172	257+49.50	100.00 L	1,886,834.4971	1,083,958.4282
173	257+58.50	109.00 L	1,886,938.2380	1,084,001.8965
174	257+68.50	103.00 L	1,886,927.2447	1,084,001.7437
175	281+03.29	160.00 L	1,888,838.5778	1,084,323.2584



**LEGEND**

SECTION CORNER  
QUARTER SECTION CORNER

SECTION LINE  
QUARTER SECTION LINE  
QUARTER SECTION LINE  
PLATTED LOT LINE  
PROPERTY (DEED) LINE

APL APPARENT PROPERTY LINE  
CENTERLINE  
EXISTING RIGHT OF WAY LINE  
PROPOSED RIGHT OF WAY LINE  
PROPOSED EASEMENT  
129.32' MEASURED DIMENSION  
129.32'(COMP.) COMPUTED DIMENSION  
( ) RECORD DATA

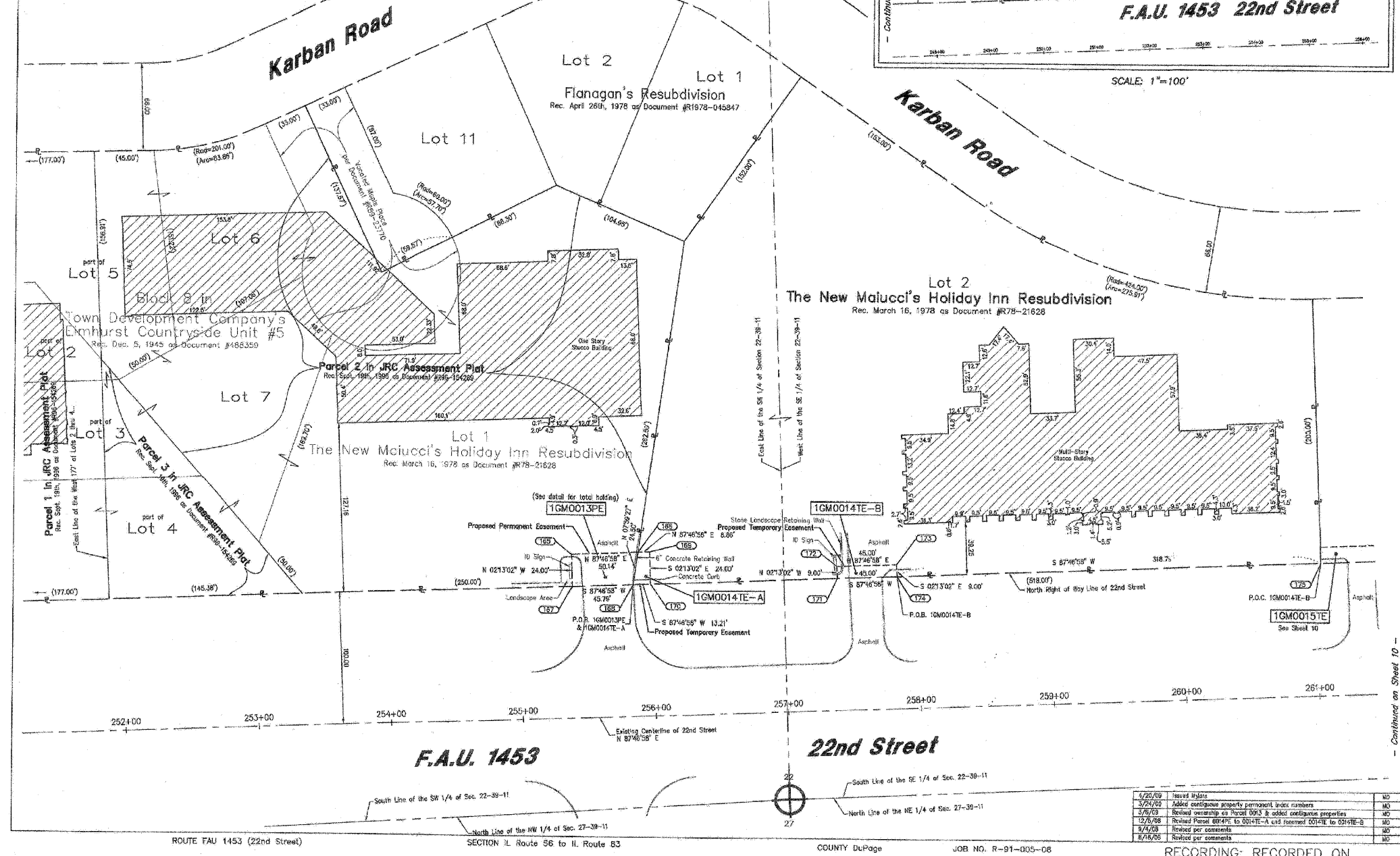
EXISTING BUILDING

○ IRON PIPE OR ROD FOUND    ✦ PK NAIL SET  
+ CUT CROSS FOUND OR SET    ✧ REPLACED AFTER CONSTRUCTION

● T1 THESE STAKES REFERENCE FOUND OR SET MONUMENTATION, SET 5/8 INCH IRON ROD FLUSH WITH GROUND TO THE FOUND IRON STAKE, IDENTIFIED T3 BY COLORED PLASTIC CAP BEARING SURVEYORS REGISTRATION NUMBER.  
● BT1 THESE STAKES, IN CULTIVATED AREAS, REFERENCE FOUND OR SET  
● BT2 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 COLOR PLASTIC CAP BEARING SURVEYORS REGISTRATION NUMBER.  
⊕ PERMANENT SURVEY MARKER, I D O T STD. 2135 (TO BE SET BY OTHERS)  
□ RIGHT OF WAY STAKING PROPOSED TO BE SET.

**GRAPHIC SCALE**  
( IN FEET )

40 0 40 80 120 160



**NOTES:**

- COORDINATES SHOWN ON THIS PLAT ARE GROUND VALUES IN FEET. THEY CAN BE CONVERTED TO GRID VALUES BY MULTIPLYING THE GROUND COORDINATES BY 0.999970369.
- ALL BEARINGS SHOWN ARE REFERENCED TO THE ILLINOIS STATE PLANE COORDINATE SYSTEM.
- SURVEYED IN ENGLISH. ALL STATIONING IS SHOWN IN FEET.
- SHEET 1 IS THE COVER SHEET AND IS NOT RECORDED.
- BUILDING TIES SHOWN ARE TO THE PROPOSED RIGHT OF WAY LINE, UNLESS THERE ARE NO TAKINGS ON SAID PROPERTY, IN WHICH CASE THEY ARE TO THE EXISTING RIGHT OF WAY LINE.

STATE OF ILLINOIS ) SS  
COUNTY OF COOK )

THIS IS TO DECLARE THAT WE, W-T LAND SURVEYING, INC., HAVE SURVEYED THE PLAT OF HIGHWAYS SHOWN HEREIN IN THE SOUTH HALF OF SECTION 22, TOWNSHIP 39 NORTH, RANGE 11 EAST OF THE THIRD PRINCIPAL MERIDIAN, DUPAGE COUNTY, ILLINOIS. 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.

GIVEN UNDER OUR HAND AND SEAL THIS 17th DAY OF APRIL A.D. 2009.  
AT NORTHMAN ESTATES, ILLINOIS.

*[Signature]*  
FRANCO L. MATIACI - PLS. #005-03566 EXPIRES 11/30/2010  
ILLINOIS PROFESSIONAL DESIGN FIRM LICENSE NO. 180-004357

**W-T LAND SURVEYING, INC.**  
LAND AND CONSTRUCTION SURVEYORS

2573 Phoenix Avenue  
Northman Estates, Illinois 60152  
PH: (224) 224-8333 FAX: (224) 228-6444  
www.wtlandsurveying.com

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**PLAT OF HIGHWAYS**  
STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION  
FAU 1453 (22nd Street)

SECTION IL Route 56 to IL Route 83 COUNTY DuPage  
PROJECT JOB NO. R-91-005-08  
STATION 255+39.50 TO STATION 257+84.50  
SCALE: 1"=40' SHEET 9 OF 13

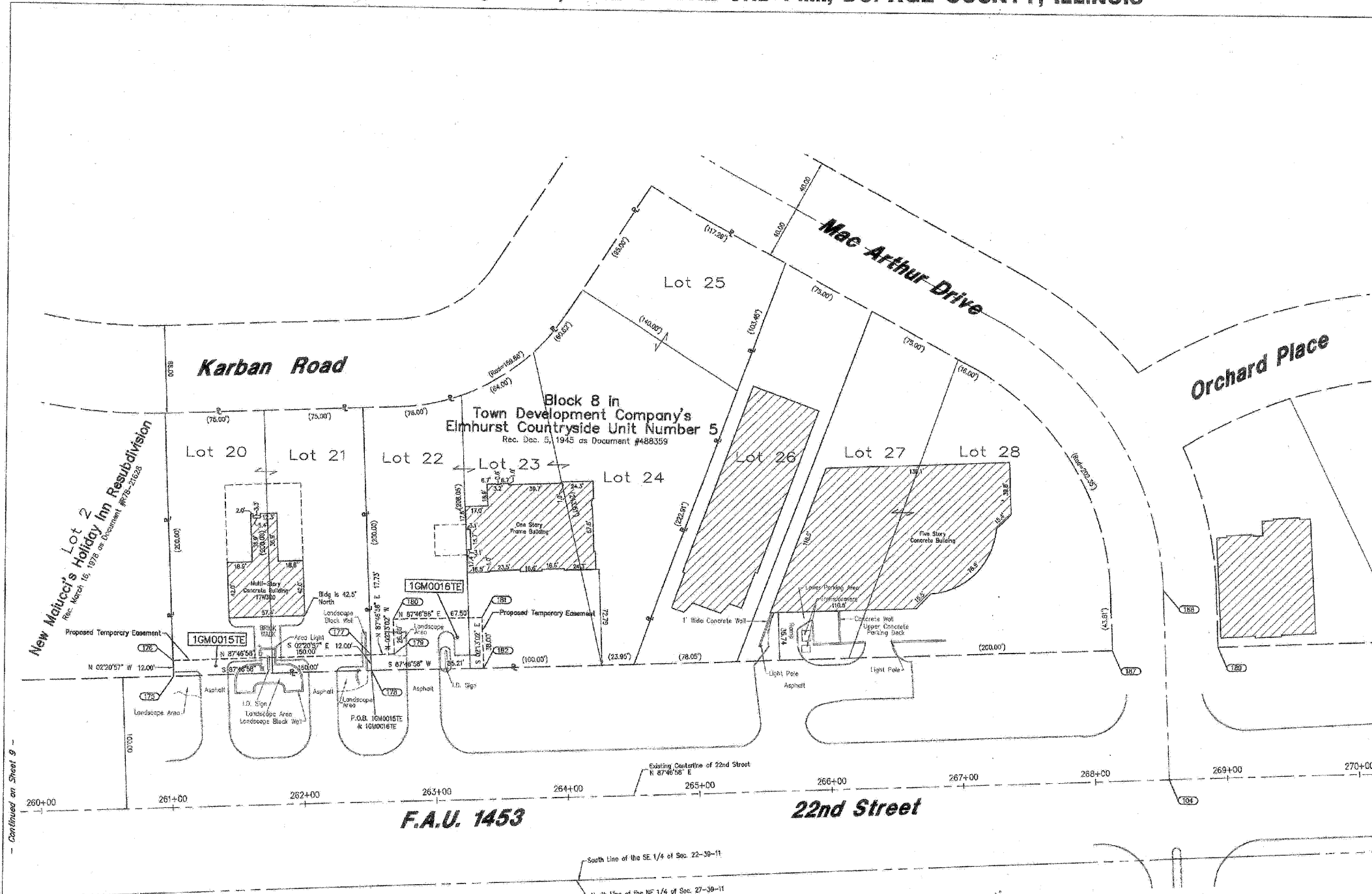
BUREAU OF LAND ACQUISITION  
201 WEST CENTER COURT  
SCHAUMBURG, ILLINOIS 60196-1096

AS DOCUMENT NO.

Date	Revised by	Revised for
4/20/09	Issued Plat	NO
3/24/09	Added easement property permanent index numbers	NO
3/6/09	Revised easement on Parcel 013 & added easement properties	NO
12/6/08	Revised Parcel 014PE to 014TE-A and renamed 004PE to 014TE-B	NO
1/4/08	Revised per comments	NO
8/16/05	Revised per comments	NO

FILE NAME = g:\ch87\0061\road\sheet\0162012-SHT-RO	USER NAME = BAN10101	DESIGNED -	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	SCALE:	SHEET NO. 152 OF 362 SHEETS	F.A. RTE. 1453	SECTION 55WRS	COUNTY DuPage	TOTAL SHEETS 362	SHEET NO. 152
PLOT SCALE = 8/5/2009	PLANNING	DRAWN -	REVISED -		RECORDING: RECORDED ON	AS DOCUMENT NO.	FED. ROAD DIST. NO. 7 ILLINOIS FED. AID PROJECT				
PLOT DATE = 8/5/2009	DATE = 07/24/2009	CHECKED -	REVISED -		CONTRACT NO. 60D12						
		DATE = 07/24/2009	REVISED -								

PLAT OF THE SE 1/4 OF SEC. 22, T39N, R11E OF THE 3RD P.M., DUPAGE COUNTY, ILLINOIS



**LEGEND**

SECTION CORNER: 9.10, 16.15

QUARTER SECTION CORNER: 16, 15

SECTION LINE, QUARTER SECTION LINE, QUARTER, QUARTER SECTION LINE, PLATTED LOT LINE, PROPERTY (DEED) LINE, A.P.L., APPARENT PROPERTY LINE, CENTERLINE, EXISTING RIGHT OF WAY LINE, PROPOSED RIGHT OF WAY LINE, PROPOSED EASEMENT, MEASURED DIMENSION, 129.32' (129.32'(COMP.)), RECORDED DATA, EXISTING BUILDING

IRON PIPE OR ROD FOUND, CUT CROSS FOUND OR SET, T1, T2, T3, BT1, BT2, BT3, STAKING OF PROPOSED RIGHT OF WAY, STAKING OR PROPOSED RIGHT OF WAY IN CULTIVATED AREAS, PERMANENT SURVEY MARKER, RIGHT OF WAY STAKING PROPOSED TO BE SET

**GRAPHIC SCALE**  
(IN FEET)  
40 0 40 80 120 160

**NOTES:**

- COORDINATES SHOWN ON THIS PLAT ARE GROUND VALUES IN FEET. THEY CAN BE CONVERTED TO GRID VALUES BY MULTIPLYING THE GROUND COORDINATES BY 0.999970369
- ALL BEARINGS SHOWN ARE REFERENCED TO THE ILLINOIS STATE PLANE COORDINATE SYSTEM.
- SURVEYED IN ENGLISH. ALL STATIONING IS SHOWN IN FEET.
- SHEET 11 IS THE COVER SHEET AND IS NOT RECORDED.
- BUILDING LINES SHOWN ARE TO THE PROPOSED RIGHT OF WAY LINE, UNLESS THERE ARE NO TAKINGS ON SAID PROPERTY, IN WHICH CASE THEY ARE TO THE EXISTING RIGHT OF WAY LINE.

STATE OF ILLINOIS )  
COUNTY OF COOK ) SS

THIS IS TO DECLARE THAT WE, W-T LAND SURVEYING, INC., HAVE SURVEYED THE PLAT OF HIGHWAYS SHOWN HEREON BY THE SOUTHEAST 1/4 OF SECTION 22, TOWNSHIP 39 NORTH, RANGE 11 EAST OF THE THIRD PRINCIPAL MERIDIAN, DUPAGE COUNTY, ILLINOIS. 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 REPRODUCED. MADE FOR THE DEPARTMENT OF TRANSPORTATION, STATE OF ILLINOIS.

W-T LAND SURVEYING, INC.  
LAND AND CONSTRUCTION SURVEYORS  
2575 Prisma Avenue  
Hoffman Estates, Illinois 60132  
PH: (224) 280-4533 FAX: (224) 280-0144  
www.wtlandsurveying.com  
IL License No. 184-004387 Exp. 04/30/11

APR 16 2009  
AT HOFFMAN ESTATES, ILLINOIS

FRANCO L. MATTEI, PLS 0035-003566 EXPIRES 11/30/2010  
ILLINOIS PROFESSIONAL DESIGN FIRM LICENSE NO. 187-004287

Continued on Sheet 9

Continued on Sheet 11

PARCEL No.	OWNER	TOTAL HOLDING ACRES	PART TAKEN ACRES	REMAINDER ACRES	PREVIOUSLY DED. OR USED ACRES	EASEMENT ACRES	PURPOSE OF EASEMENT	PERMANENT INDEX NUMBER	ACQUIRED BY
16M0015TE	West Suburban Bank as Trustee under Trust Agreement dated April 29, 1999 known as Trust No. 10886	0.689	N/A	0.689	N/A	0.042	Construction	06-22-406-009	
16M0016TE	Oak Brook Partners, L.L.C.	1.596	N/A	1.596	N/A	0.064	Construction	06-22-406-021	

Station/Offset & Coordinate Table (22nd Street)

Point No.	Station	Offset	Northing	Easting
104	263+55.90	0.00 R	1,895,558.7884	1,595,678.9273
175	261+03.25	100.00 L	1,886,935.5776	1,094,323.2884
176	261+03.27	112.00 L	1,886,951.5877	1,084,322.8086
177	262+53.27	112.00 L	1,886,957.5707	1,084,472.6947
178	262+53.29	100.00 L	1,886,945.3905	1,084,473.1965
179	262+71.00	112.00 L	1,886,958.6296	1,094,950.4151
190	262+71.00	138.00 L	1,886,894.0373	1,084,989.4052
181	263+38.50	138.00 L	1,886,986.6487	1,084,955.8589
182	263+38.50	100.00 L	1,886,948.6771	1,084,954.3380
187	266+16.89	100.00 L	1,886,667.1570	1,085,035.1359
189	266+55.56	104.12 L	1,887,012.7753	1,085,073.2662
189	266+55.56	100.00 L	1,885,570.2303	1,085,115.0761

Date	Description	By
4/20/09	Issued Meters	MO
04/07/09	Removed Parcel 0017	KE
12/3/08	Added Sheet 13	MO
5/11/08	Revised per comments	MO
5/4/08	Revised per comments	MO
8/18/08	Revised per comments	MO

**W-T LAND SURVEYING, INC.**  
LAND AND CONSTRUCTION SURVEYORS

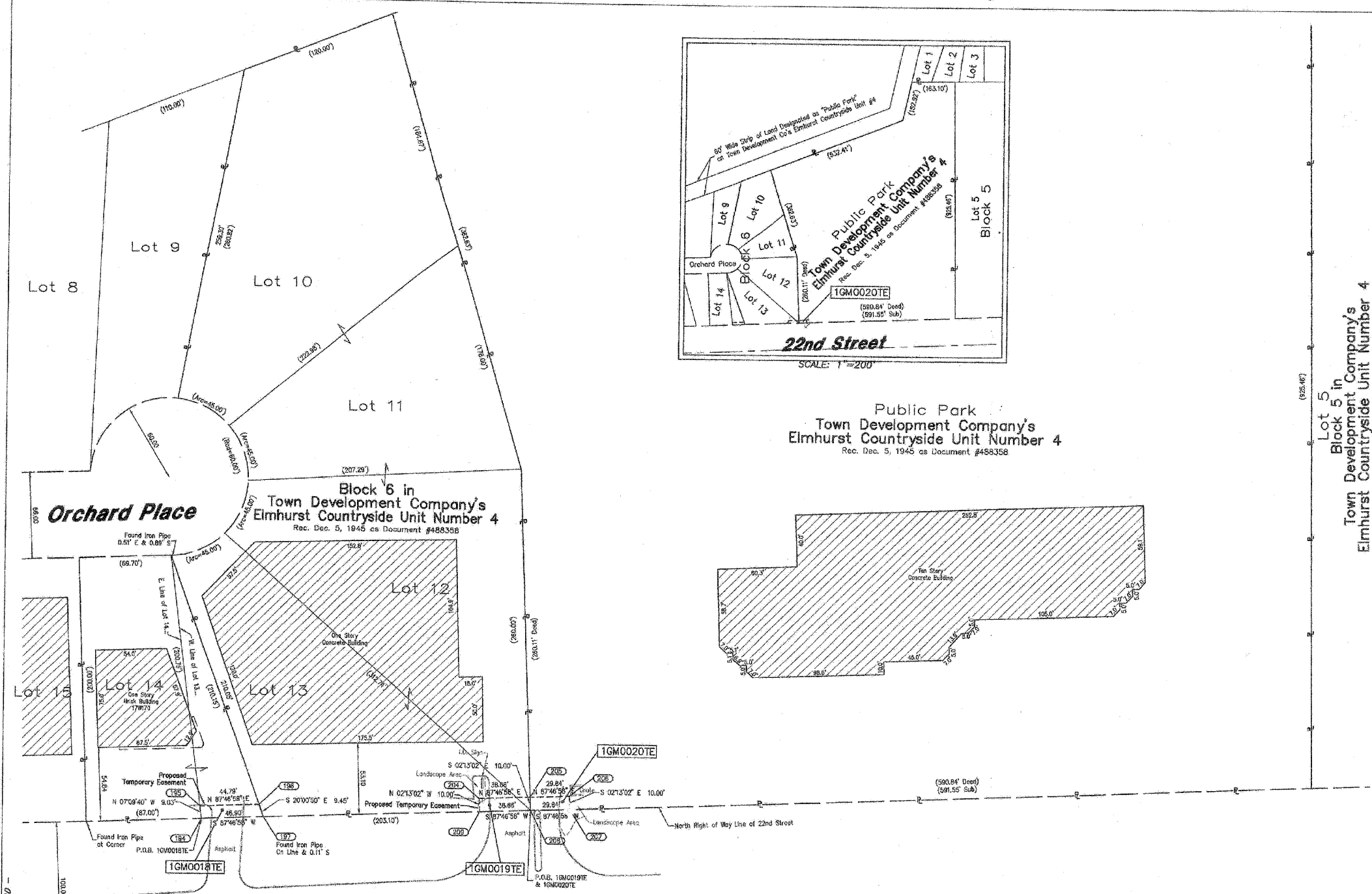
**PLAT OF HIGHWAYS**  
STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION  
FAU 1453 (22nd Street)

SECTION II, Route 56 to IL Route 83 COUNTY DuPage  
PROJECT JOB NO. R-91-005-08  
STATION 261+03.27 TO STATION 266+75.00  
SCALE: 1"=40' SHEET 10 OF 13

BUREAU OF LAND ACQUISITION  
201 WEST CENTER COURT  
SCHALMBURG, ILLINOIS 60196-1096

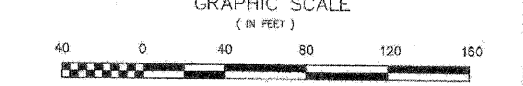
AS DOCUMENT NO.

PLAT OF THE SOUTHWEST 1/4 OF SEC. 22, T39N, R11E OF THE 3RD P.M., DUPAGE COUNTY, ILLINOIS



### LEGEND

- SECTION CORNER
- QUARTER SECTION CORNER
- SECTION LINE
- QUARTER SECTION LINE
- QUARTER, QUARTER SECTION LINE
- PLATTED LOT LINE
- PROPERTY (DEED) LINE
- APL APPARENT PROPERTY LINE
- CENTERLINE
- EXISTING RIGHT OF WAY LINE
- PROPOSED RIGHT OF WAY LINE
- PROPOSED EASEMENT
- MEASURED DIMENSION
- COMPUTED DIMENSION
- RECORD DATA
- EXISTING BUILDING
- IRON PIPE OR ROD FOUND
- CUT CROSS FOUND OR SET
- PK NAIL SET
- REPLACED AFTER CONSTRUCTION
- T1 THESE STAKES REFERENCE FOUND OR SET MONUMENTATION, SET 5/8 INCH
- T2 IRON ROD FLUSH WITH GROUND TO THE FOUND IRON STAKE, IDENTIFIED
- T3 BY COLORED PLASTIC CAP BEARING SURVEYORS REGISTRATION NUMBER.
- B1 THESE STAKES, IN CULTIVATED AREAS, REFERENCE FOUND OR SET
- B2 MONUMENTATION, BURIED 5/8 INCH IRON ROD 20 INCHES BELOW
- B3 GROUND TO THE FOUND IRON STAKE, IDENTIFIED BY COLORED PLASTIC
- CAP BEARING SURVEYORS REGISTRATION NUMBER.
- S 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 OR 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 COLOR PLASTIC CAP BEARING SURVEYORS
- REGISTRATION NUMBER.
- P PERMANENT SURVEY MARKER, I D O T STD. 2135 (TO BE SET BY OTHERS)
- R RIGHT OF WAY STAKING PROPOSED TO BE SET.



- ### NOTES:
- COORDINATES SHOWN ON THIS PLAT ARE GROUND VALUES IN FEET. THEY CAN BE CONVERTED TO GRID VALUES BY MULTIPLYING THE GROUND COORDINATES BY 0.999970369.
  - ALL BEARINGS SHOWN ARE REFERENCED TO THE ILLINOIS STATE PLANE COORDINATE SYSTEM.
  - SURVEYED IN ENGLISH. ALL STATIONING IS SHOWN IN FEET.
  - SHEET 1 IS THE COVER SHEET AND IS NOT RECORDED.
  - BUILDING TES SHOWN ARE TO THE PROPOSED RIGHT OF WAY LINE, UNLESS THERE ARE NO TAKINGS ON SAID PROPERTY, IN WHICH CASE THEY ARE TO THE EXISTING RIGHT OF WAY LINE.

STATE OF ILLINOIS )  
 COUNTY OF COOK ) SS

THIS IS TO DECLARE THAT WE, W-T LAND SURVEYING, INC. HAVE SURVEYED THE PLAT OF HIGHWAYS SHOWN HEREIN IN THE SOUTHWEST 1/4 OF SECTION 22, TOWNSHIP 39 NORTH, RANGE 11 EAST OF THE THIRD PRINCIPAL MERIDIAN, DUPAGE 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 REPRODUCED. MADE FOR THE DEPARTMENT OF TRANSPORTATION, STATE OF ILLINOIS.

GIVEN UNDER OUR HAND AND SEAL THIS 20th DAY OF APRIL, A.D. 2009.  
 AT KOFMAN ESTATES, ILLINOIS.

*[Signature]*  
 FRANK L. MATOCC - PLS #035-003556 EXPIRES 11/30/2010  
 ILLINOIS PROFESSIONAL DESIGN FIRM LICENSE NO. 167-004387

**W-T LAND SURVEYING, INC.**  
 LAND AND CONSTRUCTION SURVEYORS

2075 Prudom Avenue  
 Hoffman Estates, Illinois 60150  
 PH (224) 293-6333 FAX (224) 293-6444  
 www.wtlandsurveying.com

IL License No. 194-004387 Exp: 04/30/11

PARCEL No.	OWNER	TOTAL HOLDING ACRES	PART TAKEN ACRES	REMAINDER ACRES	PREVIOUSLY DED. OR USED ACRES	EASEMENT ACRES	PURPOSE OF EASEMENT	PERMANENT INDEX NUMBER	ACQUIRED BY
1GM0018TE	Oakbrook Brides, LLC	0.467	N/A	0.467	N/A	0.009		06-22-415-015	
1GM0019TE	Recreational Equipment, Inc.	2.795	N/A	2.795	N/A	0.009		06-22-415-028	
1GM0020TE	City of Oakbrook Terrace	11.169	N/A	11.169	N/A	0.007		06-22-415-018	

### Station/Offset & Coordinate Table (22nd Street)

Point No.	Station	Offset	Northing	Easting
184	272+33.66	100.00 L	1,886,983.3061	1,055,452.8231
185	272+35.58	100.00 L	1,886,992.2762	1,055,457.8970
186	272+37.57	105.00 L	1,886,994.0040	1,055,465.4525
187	272+40.56	100.00 L	1,886,985.1210	1,055,488.6880
204	274+46.00	110.00 L	1,887,001.4766	1,055,663.6138
205	274+48.66	110.00 L	1,887,002.9723	1,055,702.2481
206	275+13.50	110.00 L	1,887,054.7285	1,055,732.0625
207	275+13.50	110.00 L	1,886,984.1340	1,055,732.4484
208	274+43.56	100.00 L	1,886,992.9786	1,055,702.6360
209	274+45.00	100.00 L	1,886,991.4840	1,055,664.0006

4/20/09	Issued Mylers	MD
4/2/09	Revised ownership on Parcel 0018	MD
12/5/08	Added sheet 13	MD
9/18/08	Revised per comments	MD

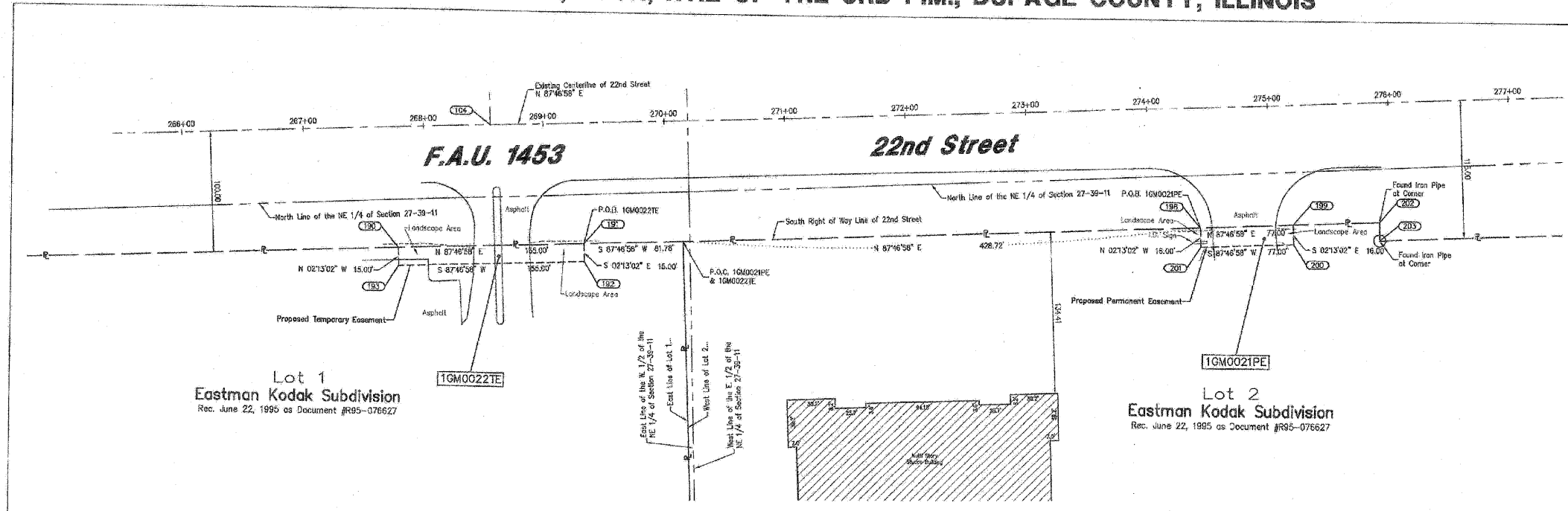
PLAT OF HIGHWAYS  
 STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION  
 FAU 1453 (22nd Street)

SECTION IL Route 56 to IL Route 83 COUNTY DuPage  
 PROJECT JOB NO. R-91-005-08  
 STATION 272+33.66 TO STATION 275+13.50  
 SCALE: 1"=40' SHEET 11 OF 13

BUREAU OF LAND ACQUISITION  
 201 WEST CENTER COURT  
 SCHAUMBURG, ILLINOIS 60196-1096

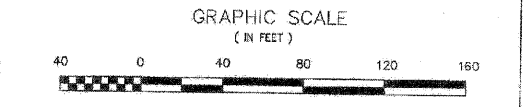


SECTION 27, TOWNSHIP 39 NORTH, RANGE 11 EAST, COUNTY OF DUPAGE, ILLINOIS



**LEGEND**

- SECTION CORNER
- QUARTER SECTION CORNER
- SECTION LINE
- QUARTER SECTION LINE
- QUARTER SECTION LINE
- PLATTED LOT LINE
- PROPERTY (DEED) LINE
- APL APPARENT PROPERTY LINE
- CENTERLINE
- EXISTING RIGHT OF WAY LINE
- PROPOSED RIGHT OF WAY LINE
- PROPOSED EASEMENT
- MEASURED DIMENSION
- COMPUTED DIMENSION
- RECORD DATA
- EXISTING BUILDING
- IRON PIPE OR ROD FOUND
- CUT CROSS FOUND OR SET
- PK NAIL SET
- REPLACED AFTER CONSTRUCTION
- 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.
- T2 THESE STAKES, IN UNULTIMATED 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.
- M 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 UNULTIMATED AREAS, BURIED 5/8 INCH METAL ROD 20 INCHES BELOW GROUND TO MARK FUTURE SURVEY MARKER POSITION, IDENTIFIED BY COLOR PLASTIC CAP BEARING SURVEYORS REGISTRATION NUMBER.
- PERMANENT SURVEY MARKER, I D O T STD. 2135 (TO BE SET BY OTHERS)
- RIGHT OF WAY STAKING PROPOSED TO BE SET.



- NOTES**
- COORDINATES SHOWN ON THIS PLAT ARE GROUND VALUES IN FEET. THEY CAN BE CONVERTED TO GRID VALUES BY MULTIPLYING THE GROUND COORDINATES BY 0.999970369.
  - ALL BEARINGS SHOWN ARE REFERENCED TO THE ILLINOIS STATE PLANE COORDINATE SYSTEM.
  - SURVEYED IN ENGLISH. ALL STATIONING IS SHOWN IN FEET.
  - SHEET 1 IS THE COVER SHEET AND IS NOT RECORDED.
  - BUILDING TIES SHOWN ARE TO THE PROPOSED RIGHT OF WAY LINE, UNLESS THERE ARE NO TAKINGS ON SAID PROPERTY, IN WHICH CASE THEY ARE TO THE EXISTING RIGHT OF WAY LINE.

STATE OF ILLINOIS ) SS  
COUNTY OF COOK )

THIS IS TO DECLARE THAT WE, W-T LAND SURVEYING, INC., HAVE SURVEYED THE PLAT OF HIGHWAYS SHOWN HEREON IN THE NORTHEAST 1/4 OF SECTION 27, TOWNSHIP 39 NORTH, RANGE 11 EAST OF THE THIRD PRINCIPAL MERIDIAN, DUPAGE 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.

GIVEN UNDER OUR HAND AND SEAL THIS 20th DAY OF APRIL, A.D. 2009.  
AT HOFFMAN ESTATES, ILLINOIS.

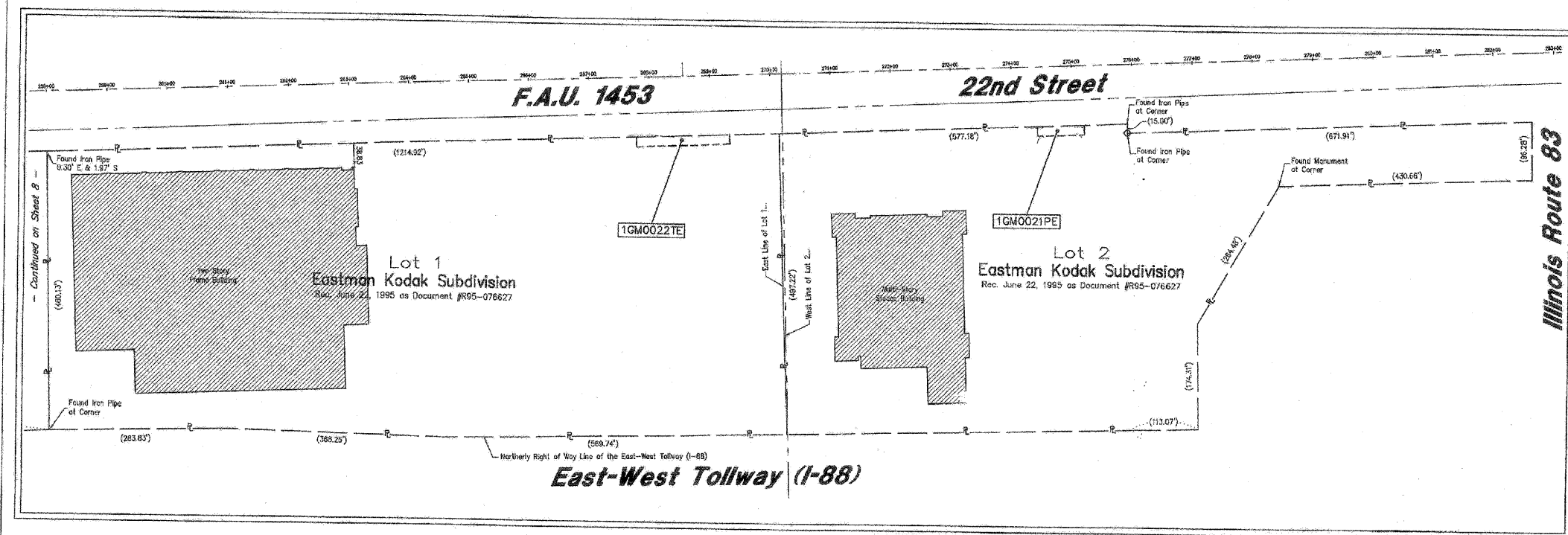
*Frank J. Martini*  
FRANK J. MARTINI - PLS #35-03355 EXPRES 12/29/2010  
ILLINOIS PROFESSIONAL DESIGN FIRM LICENSE NO. 167-004387

**W-T LAND SURVEYING, INC.**  
LAND AND CONSTRUCTION SURVEYORS

2876 Piquan Avenue  
Hoffman Estates, Illinois 60132  
PH (224) 233-0333 FAX (224) 233-4444  
www.wtlandsurveying.com

IL License No.: 184-004387 Exp: 04/30/11

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PARCEL No.	OWNER	TOTAL HOLDING ACRES	PART TAKEN ACRES	REMAINDER ACRES	PREVIOUSLY DED. OR USED ACRES	EASEMENT ACRES	PURPOSE OF EASEMENT	PERMANENT INDEX NUMBER	ACQUIRED BY
1GM0021PE	Macy's Retail Holdings, Inc., successor to Federated Retail Holdings, Inc., successor to The May Department Stores Company	9.439	N/A	9.439	N/A	0.028	Permanent	06-27-200-010	
1GM0022TE	Cosco Wholesale Corporation	13.457	N/A	13.457	N/A	0.053	Construction	06-27-200-009	

**Station/Offset & Coordinate Table (22nd Street)**

Point No.	Station	Offset	Northing	Easting
104	2694+53.00	0.00 R	1,888,865.7854	1,088,078.2073
190	2674+76.50	100.00 R	1,888,765.7716	1,088,023.7394
191	2694+31.50	100.00 R	1,888,771.7861	1,088,183.6224
192	2694+31.50	115.00 R	1,888,766.7793	1,088,159.2027
193	2674+76.50	115.00 R	1,888,750.7829	1,088,024.3187
198	2744+42.00	100.00 R	1,888,751.5176	1,088,684.7402
199	2754+18.00	100.00 R	1,888,739.4866	1,088,745.0929
200	2754+18.00	116.00 R	1,888,778.5085	1,088,746.3016
201	2744+42.00	116.00 R	1,888,775.5296	1,088,889.3542
202	2754+18.00	100.00 R	1,888,787.2011	1,088,817.0902
203	2754+18.00	115.00 R	1,888,782.3820	1,088,817.4040

4/20/09	Issue Mylars	MO
12/5/08	Added sheet 13	MO
5/15/08	Revised per comments	MO

**PLAT OF HIGHWAYS**  
STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION  
FAU 1453 (22nd Street)

SECTION IL Route 56 to IL Route 83 COUNTY DuPage  
PROJECT JOB NO. R-91-005-08  
STATION 267+76.50 TO STATION 275+19.00  
SCALE: 1"=40' SHEET 12 OF 13

BUREAU OF LAND ACQUISITION  
201 WEST CENTER COURT  
SCHAUMBURG, ILLINOIS 60196-1096

AS DOCUMENT NO. \_\_\_\_\_

PART OF THE SE 1/4 OF SEC. 21, T39N, R11E OF THE 3RD P.M., DUPAGE COUNTY, ILLINOIS

PARCEL No.	OWNER	TOTAL HOLDING ACRES	PART TAKEN ACRES	REMAINDER ACRES	PREVIOUSLY DED. OR USED ACRES	EASEMENT ACRES	PURPOSE OF EASEMENT	PERMANENT INDEX NUMBER	ACQUIRED BY
1GM00233E	Ideal Properties, LLC, a Minnesota Limited Liability Company	4.523	N/A	4.523	N/A	0.069	Construction	06-21-402-029	
1GM00241E	Joint Commission on Accreditation of Healthcare Organizations, an Illinois not-for-profit corporation	4.387	N/A	4.387	N/A	0.018	Construction	06-21-404-005	

**LEGEND**

SECTION CORNER  
QUARTER SECTION CORNER

SECTION LINE  
QUARTER SECTION LINE  
QUARTER, QUARTER SECTION LINE  
PLATTED LOT LINE  
PROPERTY (DEED) LINE

APL  
APPARENT PROPERTY LINE  
CENTERLINE  
EXISTING RIGHT OF WAY LINE  
PROPOSED RIGHT OF WAY LINE  
PROPOSED EASEMENT  
MEASURED DIMENSION  
COMPUTED DIMENSION  
RECORD DATA

EXISTING BUILDING

IRON PIPE OR ROD FOUND  
CUT CROSS FOUND OR SET  
PK NAIL SET  
REPLACED AFTER CONSTRUCTION

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.  
BT2 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.  
BT3 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.  
M STAKING OR PROPOSED RIGHT OF WAY IN CULTIVATED AREAS, BURIED 5/8 INCH IRON ROD 20 INCHES BELOW GROUND TO MARK FUTURE SURVEY MARKER POSITION, IDENTIFIED BY COLOR PLASTIC CAP BEARING SURVEYORS REGISTRATION NUMBER.  
M PERMANENT SURVEY MARKER, I D O T STD. 2135 (TO BE SET BY OTHERS)  
RIGHT OF WAY STAKING PROPOSED TO BE SET.

**GRAPHIC SCALE**  
( IN FEET )

80 0 60 120 180 240

**CURVE DATA**  
Proposed  
Route 56 (Butterfield Road)  
Curve Pro Rt 56-1

$\Delta = 35^{\circ}23'19''$   
 $R = 150.00'$   
 $L = 92.65'$   
 $T = 47.85'$   
 $CB = N 04^{\circ}10'18'' E$

PC Sta. 10+53.53  
N=1,886,637.1503  
E=-1,079,857.5306

PCC Sta. 11+46.17  
N=1,886,728.0905  
E=-1,079,874.1629

**CURVE DATA**  
Proposed  
Route 55 (Butterfield Road)  
Curve Pro Rt 55-2

$\Delta = 39^{\circ}26'20''$   
 $R = 400.00'$   
 $L = 224.39'$   
 $T = 131.66'$   
 $CB = N 40^{\circ}05'05'' E$

PCC Sta. 11+46.17  
N=1,886,728.0905  
E=-1,079,874.1629

PT Sta. 14+00.56  
N=1,886,915.4592  
E=-1,079,855.2237

**CURVE DATA**  
Existing  
FAU 1453 (22nd Street)  
Curve 22nd-1

$\Delta = 28^{\circ}16'00''$   
 $R = 3919.83'$   
 $L = 1795.59'$   
 $T = 914.70'$   
 $CB = N 74^{\circ}18'59'' E$

PC Sta. 204+05.31  
N=1,886,207.7435  
E=-1,078,714.8288

PT Sta. 22+06.90  
N=1,886,688.6520  
E=-1,050,427.6950

**Station/Offset & Coordinate Table (Pro Centerline Route 56)**

Point No.	Station	Offset	Northing	Easting
280	10+00	0.00	1,886,595.1082	1,079,680.0473
281	10+53.53	0.00	1,886,637.1503	1,079,667.5306
282	11+46.17	0.00	1,886,728.0905	1,079,674.1629
283	14+00.56	0.00	1,886,915.4592	1,079,836.2237
284	18+136.91	0.00	1,887,201.3633	1,090,201.5670
285	16+29.09	37.26 L	1,887,071.7948	1,090,910.4894
286	16+29.02	64.55 L	1,887,094.8844	1,079,935.4544
287	17+40.91	63.62 L	1,887,152.4186	1,090,981.3762
288	17+40.69	36.82 L	1,887,123.3239	1,090,106.3742
289	17+40.91	63.39 L	1,887,167.4853	1,080,116.1794
290	17+59.69	36.38 L	1,887,144.3014	1,050,130.1744

**Station/Offset & Coordinate Table (22nd Street)**

Point No.	Station	Offset	Northing	Easting
280	214+44.98	0.00	1,886,595.1082	1,079,680.0473

4/20/09	Issued Mylers	MD
4/8/09	Added ownership to Parcels 0023E & 0024E	MD
12/16/08	Added proposed centerline of Route 56	MD

**NOTES:**

- COORDINATES SHOWN ON THIS PLAT ARE GROUND VALUES IN FEET. THEY CAN BE CONVERTED TO GRID VALUES BY MULTIPLYING THE GROUND COORDINATES BY 0.999970369.
- ALL BEARINGS SHOWN ARE REFERENCED TO THE ILLINOIS STATE PLANE COORDINATE SYSTEM.
- SURVEYED IN ENGLISH. ALL STATIONING IS SHOWN IN FEET.
- SHEET 1 IS THE COVER SHEET AND IS NOT RECORDED.
- BUILDING TIES SHOWN ARE TO THE PROPOSED RIGHT OF WAY LINE, UNLESS THERE ARE NO TACKINGS ON SAID PROPERTY, IN WHICH CASE THEY ARE TO THE EXISTING RIGHT OF WAY LINE.

STATE OF ILLINOIS )  
COUNTY OF COOK ) SS

THIS IS TO DECLARE THAT THE W-T LAND SURVEYING, INC. HAS SURVEYED THE PLAT OF HIGHWAYS SHOWN HEREON IN THE SOUTHWEST 1/4 OF SECTION 21, TOWNSHIP 39 NORTH, RANGE 11 EAST OF THE THIRD PRINCIPAL MERIDIAN, DUPAGE COUNTY, ILLINOIS; 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 HEREON AND THAT THE MONUMENTS ARE SUFFICIENT TO ENABLE THE SURVEY TO BE RE-TRACED. MADE FOR THE DEPARTMENT OF TRANSPORTATION, STATE OF ILLINOIS.

GIVEN UNDER OUR HAND AND SEAL THIS 20th DAY OF APRIL, A.D. 2009.

*Carrie A. Mast*  
FRANCO MATTEO - PLS #035-003556 EXPIRES 11/30/2010  
ILLINOIS PROFESSIONAL DESIGN FIRM LICENSE NO. 187-094387

**W-T LAND SURVEYING, INC.**  
LAND AND CONSTRUCTION SURVEYORS

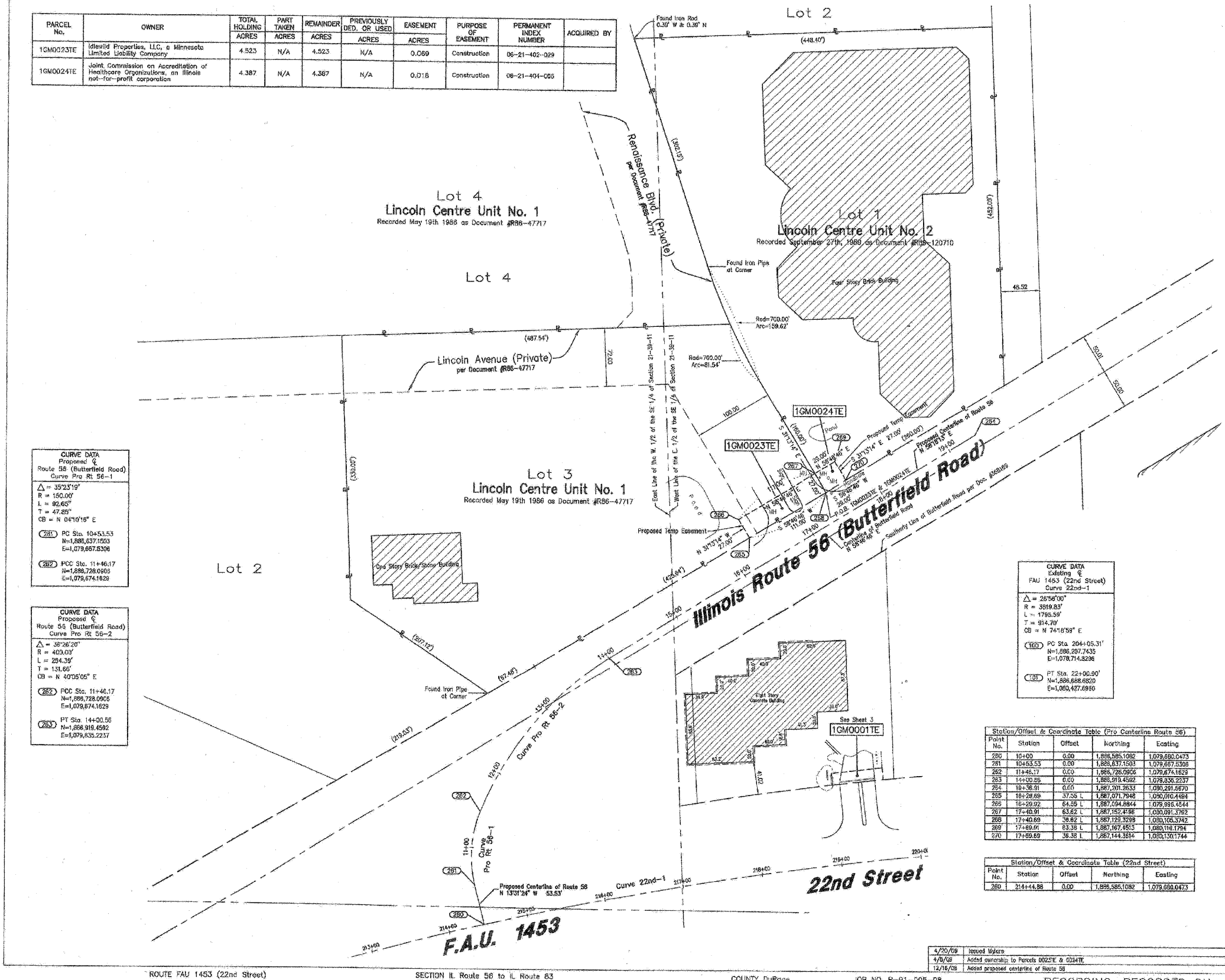
2875 Pecan Avenue  
Morton Grove, Illinois 60053  
PH: (224) 293-6333 FAX: (224) 293-6444  
www.wtlandsurveying.com

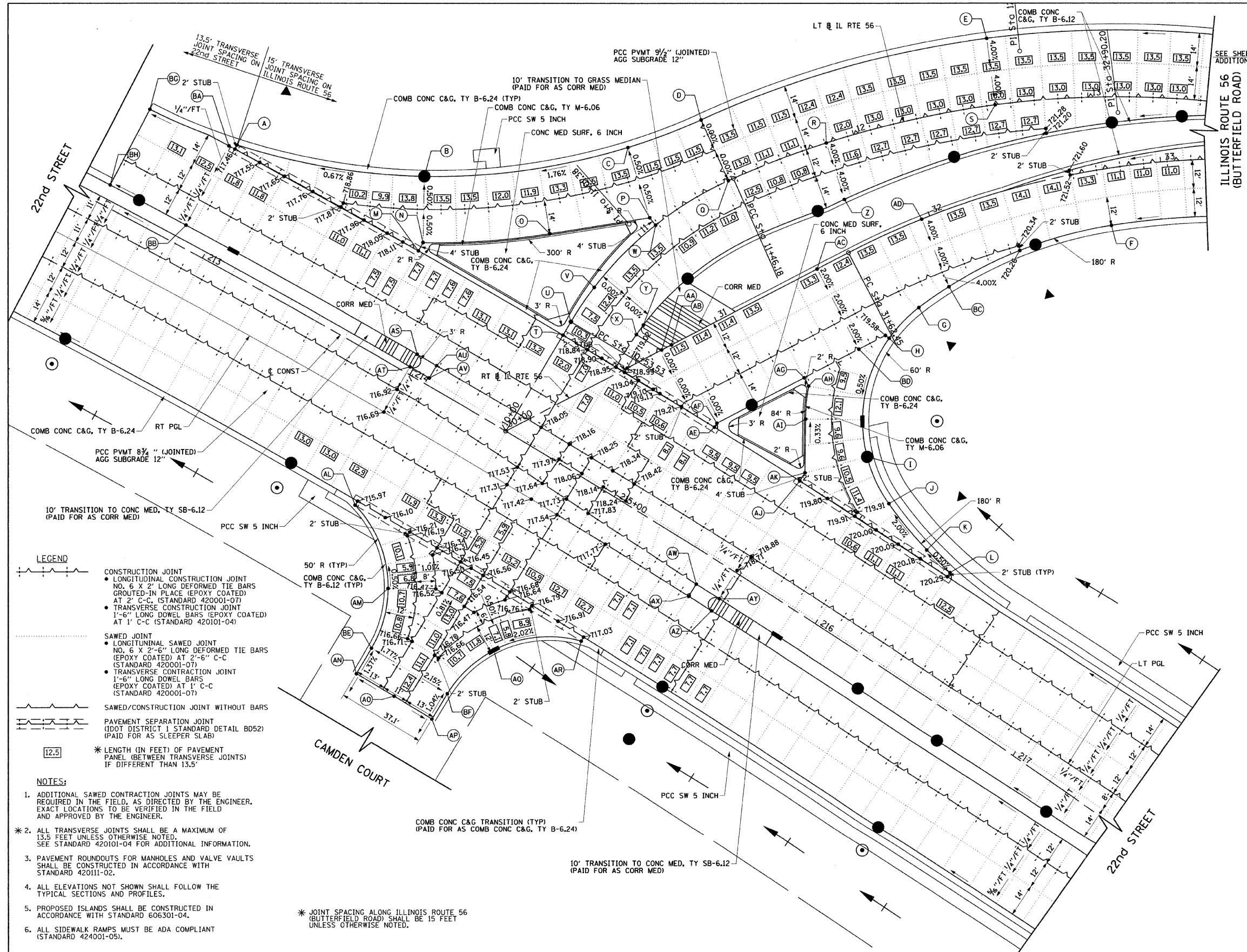
IL License No. 184-004337 Exp: 04/30/11

**PLAT OF HIGHWAYS**  
STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION  
FAU 1453 (22nd Street)

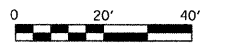
SECTION IL Route 56 to IL Route 83 COUNTY DuPage  
PROJECT JOB NO. R-91-005-08  
STATION 10+00.00 TO STATION 19+36.91  
SCALE: 1"=60' SHEET 13 OF 13

BUREAU OF LAND ACQUISITION  
201 WEST CENTER COURT  
SCHAUMBURG, ILLINOIS 60196-1096





SEE SHEET NO. 39 TO 42 FOR ADDITIONAL SUPERELEVATION DETAILS



STATION	OFFSET	ELEVATION
A	212+90.1	49.0' LT 717.47
B	213+64.2	75.6' LT 718.01
C	11+17.1	33.2' LT 719.54
D	11+44.1	28.0' LT 720.28
E	12+60.9	28.0' LT 722.73
F	32+75.4	24.0' RT 720.66
G	31+79.7	33.8' RT 719.66
H	31+61.1	39.8' RT 719.53
I	215+80.4	70.8' LT 719.27
J	215+98.5	59.2' LT 719.71
K	216+22.2	51.5' LT 720.21
L	216+35.4	49.0' LT 720.28
M	213+77.3	47.0' LT 718.17
N	213+77.3	51.0' LT 718.15
O	10+76.5	28.7' LT 719.00
P	11+07.9	4.0' LT 719.70
Q	11+43.9	0.0' LT 720.28
R	11+88.0	0.0' LT 720.88
S	12+60.9	0.0' LT 721.61
T	10+47.0	0.0' LT 718.74
U	10+53.5	0.0' LT 718.85
V	10+71.0	0.0' LT 719.13
W	11+07.9	0.0' RT 719.72
X	10+65.0	26.0' RT 719.08
Y	10+71.0	26.0' RT 719.13
Z	11+88.0	25.0' RT 719.88
AA	30+73.9	0.0' LT 719.29
AB	30+78.6	0.0' LT 719.35
AC	31+47.6	0.0' LT 720.40
AD	31+96.4	0.0' LT 720.97
AE	30+78.6	39.0' RT 719.35
AF	30+80.3	38.0' RT 719.37
AG	31+21.7	38.0' RT 719.54
AH	31+21.7	42.0' RT 719.52
AI	31+14.2	53.7' RT 719.57
AJ	215+62.3	47.0' LT 719.69
AK	215+62.3	51.0' LT 719.64
AL	214+07.7	59.0' RT 715.98
AM	214+37.9	82.2' RT 716.17
AN	214+44.9	119.8' RT 716.77
AO	214+64.0	119.8' RT 717.01
AP	214+83.1	119.8' RT 716.64
AQ	214+90.5	81.5' RT 716.22
AR	215+20.3	59.0' RT 716.99
AS	213+98.4	9.0' LT 717.56
AT	213+98.4	3.0' LT 717.15
AU	214+07.7	9.0' LT 717.63
AV	214+07.7	3.0' LT 717.46
AW	215+48.9	13.0' RT 718.30
AX	215+48.9	19.0' RT 718.16
AY	215+60.3	13.0' RT 718.42
AZ	215+60.3	19.0' RT 718.27
BA	212+87.3	47.0' LT 717.44
BB	212+87.3	9.0' LT 716.65
BC	31+96.4	30.7' RT 719.75
BD	31+47.6	38.0' RT 719.61
BE	214+44.9	107.4' RT 716.58
BF	214+83.1	107.3' RT 716.51
BG	212+51.3	44.9' LT 717.38*
BH	212+51.3	9.0' LT 716.35*

- LEGEND**
- CONSTRUCTION JOINT
    - LONGITUDINAL CONSTRUCTION JOINT NO. 6 X 2' LONG DEFORMED TIE BARS GROUTED-IN PLACE (EPOXY COATED) AT 2' C-C (STANDARD 420001-07)
    - TRANSVERSE CONSTRUCTION JOINT 1'-6" LONG DOWEL BARS (EPOXY COATED) AT 1' C-C (STANDARD 420101-04)
  - SAWED JOINT
    - LONGITUDINAL SAWED JOINT NO. 6 X 2'-6" LONG DEFORMED TIE BARS (EPOXY COATED) AT 2'-6" C-C (STANDARD 420001-07)
    - TRANSVERSE CONTRACTION JOINT 1'-6" LONG DOWEL BARS (EPOXY COATED) AT 1' C-C (STANDARD 420001-07)
  - SAWED/CONSTRUCTION JOINT WITHOUT BARS
  - PAVEMENT SEPARATION JOINT (DOT DISTRICT 1 STANDARD DETAIL BD52) (PAID FOR AS SLEEPER SLAB)
- \* LENGTH (IN FEET) OF PAVEMENT PANEL (BETWEEN TRANSVERSE JOINTS) IF DIFFERENT THAN 13.5'

- NOTES:**
- ADDITIONAL SAWED CONTRACTION JOINTS MAY BE REQUIRED IN THE FIELD, AS DIRECTED BY THE ENGINEER. EXACT LOCATIONS TO BE VERIFIED IN THE FIELD AND APPROVED BY THE ENGINEER.
  - ALL TRANSVERSE JOINTS SHALL BE A MAXIMUM OF 13.5 FEET UNLESS OTHERWISE NOTED. SEE STANDARD 420101-04 FOR ADDITIONAL INFORMATION.
  - PAVEMENT ROUNDOUTS FOR MANHOLES AND VALVE VAULTS SHALL BE CONSTRUCTED IN ACCORDANCE WITH STANDARD 420111-02.
  - ALL ELEVATIONS NOT SHOWN SHALL FOLLOW THE TYPICAL SECTIONS AND PROFILES.
  - PROPOSED ISLANDS SHALL BE CONSTRUCTED IN ACCORDANCE WITH STANDARD 606301-04.
  - ALL SIDEWALK RAMP MUST BE ADA COMPLIANT (STANDARD 424001-05).
- \* JOINT SPACING ALONG ILLINOIS ROUTE 56 (BUTTERFIELD ROAD) SHALL BE 15 FEET UNLESS OTHERWISE NOTED.

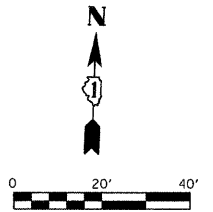
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	PLOT DATE = 12/5/2009	DATE - 07/24/2009	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**22nd STREET INTERSECTION PAVING PLAN  
AT ILLINOIS ROUTE 56 (BUTTERFIELD ROAD)**

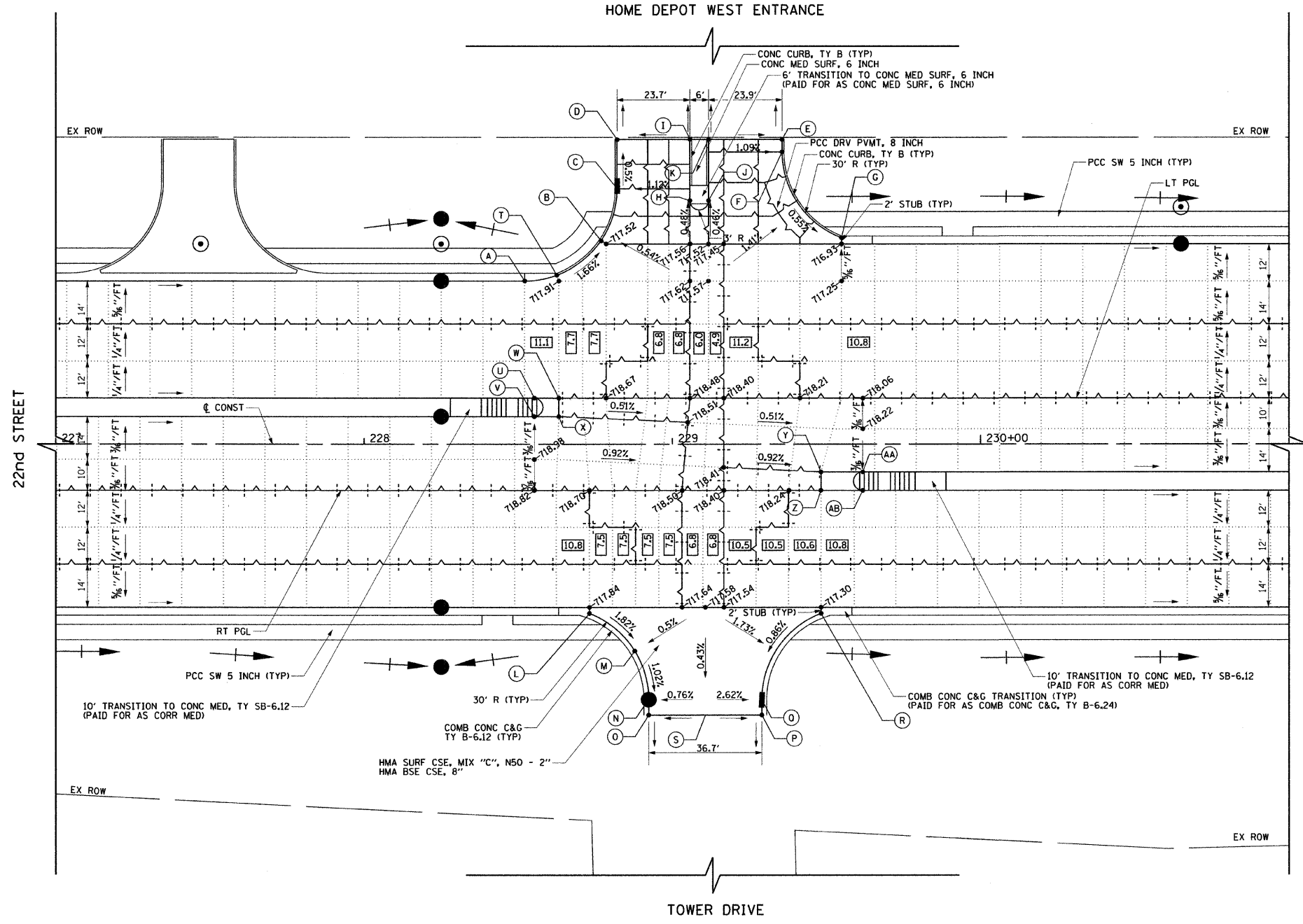
SCALE: 1"=20'    SHEET NO. 157 OF 362 SHEETS    STA. 212+40    TO STA. 217+50

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1453	55WR5	DUPAGE	362	157
CONTRACT NO. 60D12			FED. ROAD DIST. NO. 7 ILLINOIS FED. AID PROJECT	



	STATION	OFFSET	ELEVATION
A	228+52.1	53.0' LT	717.98
B	228+76.9	66.1' LT	717.50
C	228+82.1	83.0' LT	717.20
D	228+82.1	99.0' LT	717.12*
E	229+35.6	99.0' LT	717.16*
F	229+36.6	95.0' LT	717.14
G	229+54.9	67.0' LT	716.94
H	229+05.7	79.1' LT	717.50
I	229+05.7	99.0' LT	717.40*
J	229+11.7	79.1' LT	717.45
K	229+11.7	99.0' LT	717.38*
L	228+73.1	55.0' RT	717.80
M	228+87.8	67.2' RT	717.45
N	228+92.3	83.0' RT	717.31
O	228+92.3	88.0' RT	717.26*
P	229+29.0	88.0' RT	716.93*
Q	229+29.0	83.0' RT	716.97
R	229+48.2	55.0' RT	717.28
S	229+10.7	88.0' RT	717.43*
T	228+62.5	54.9' LT	717.80
U	228+55.2	15.0' LT	718.82
V	228+55.2	9.0' LT	718.76
W	228+63.2	15.0' LT	718.77
X	228+63.2	9.0' LT	718.72
Y	229+48.2	9.0' RT	718.12
Z	229+48.2	15.0' RT	718.16
AA	229+61.8	9.0' RT	718.00
AB	229+61.8	15.0' RT	718.06

\*MATCH EXISTING ELEVATION



- LEGEND**
- CONSTRUCTION JOINT
    - LONGITUDINAL CONSTRUCTION JOINT NO. 6 X 2'-6" LONG DEFORMED TIE BARS GROUTED-IN PLACE (EPOXY COATED) AT 2' C-C (STANDARD 420001-07)
    - TRANSVERSE CONSTRUCTION JOINT 1'-6" LONG DOWEL BARS (EPOXY COATED) AT 1' C-C (STANDARD 420101-04)
  - SAWED JOINT
    - LONGITUDINAL SAWED JOINT NO. 6 X 2'-6" LONG DEFORMED TIE BARS (EPOXY COATED) AT 2'-6" C-C (STANDARD 420001-07)
    - TRANSVERSE CONTRACTION JOINT 1'-6" LONG DOWEL BARS (EPOXY COATED) AT 1' C-C (STANDARD 420001-07)
  - SAWED/CONSTRUCTION JOINT WITHOUT BARS
  - PAVEMENT SEPARATION JOINT (DOT DISTRICT 1 STANDARD DETAIL BD52) (PAID FOR AS SLEEPER SLAB)
  - LENGTH (IN FEET) OF PAVEMENT PANEL (BETWEEN TRANSVERSE JOINTS) IF DIFFERENT THAN 13.5'

- NOTES:**
1. ADDITIONAL SAWED CONTRACTION JOINTS MAY BE REQUIRED IN THE FIELD, AS DIRECTED BY THE ENGINEER. EXACT LOCATIONS TO BE VERIFIED IN THE FIELD AND APPROVED BY THE ENGINEER.
  2. ALL TRANSVERSE JOINTS SHALL BE A MAXIMUM OF 13.5 FEET UNLESS OTHERWISE NOTED. SEE STANDARD 420101-04 FOR ADDITIONAL INFORMATION.
  3. PAVEMENT ROUNDOUTS FOR MANHOLES AND VALVE VAULTS SHALL BE CONSTRUCTED IN ACCORDANCE WITH STANDARD 420111-02.
  4. ALL ELEVATIONS NOT SHOWN SHALL FOLLOW THE TYPICAL SECTIONS AND PROFILES.
  5. PROPOSED ISLANDS SHALL BE CONSTRUCTED IN ACCORDANCE WITH STANDARD 606301-04.
  6. ALL SIDEWALK RAMP MUST BE ADA COMPLIANT (STANDARD 424001-05).

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 PLOT DATE = 12/5/2009

DESIGNED - JLV  
 DRAWN - BAW  
 CHECKED - JRH  
 DATE - 07/24/2009

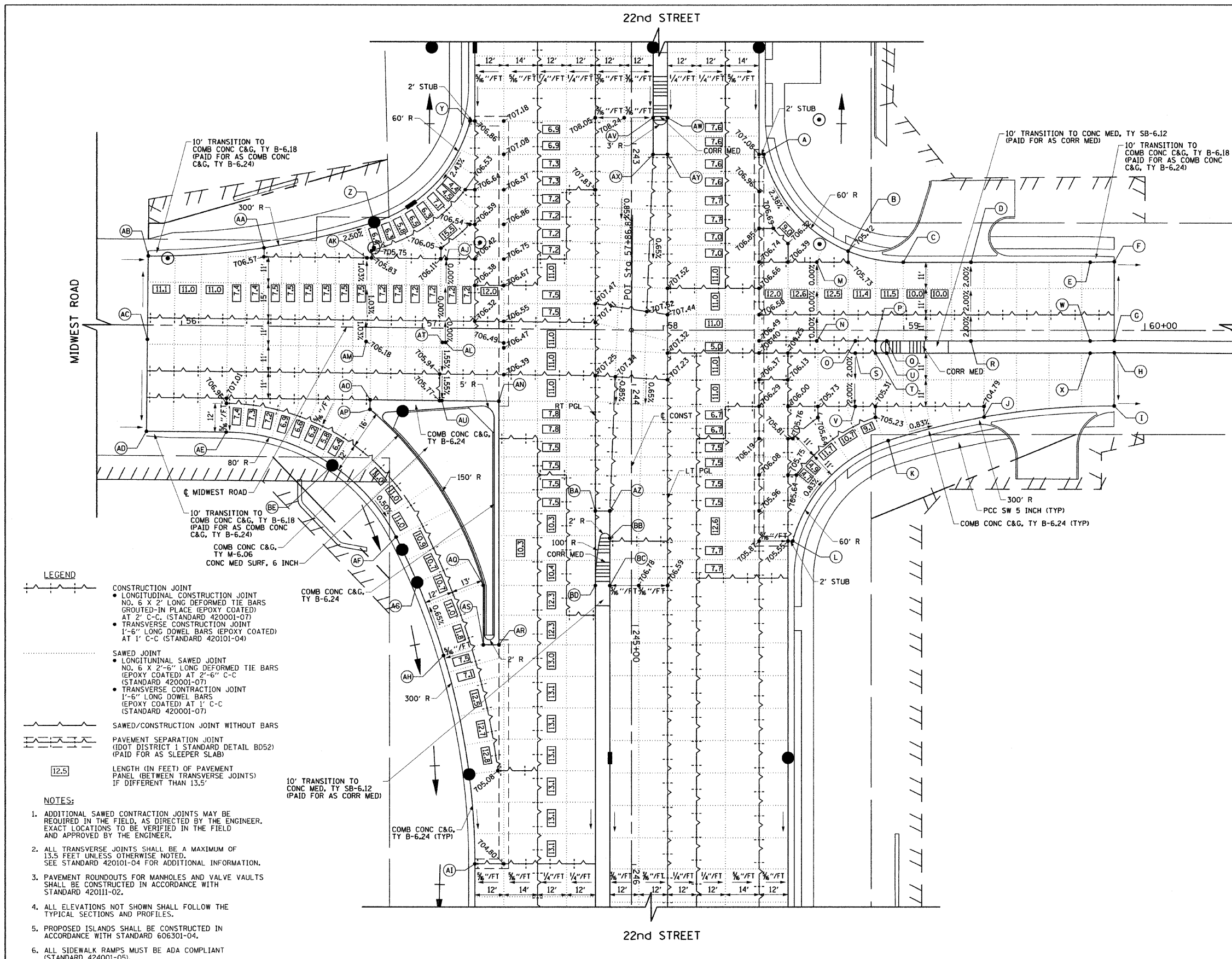
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**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

**22nd STREET INTERSECTION PAVING PLAN  
 AT TOWER DRIVE**

SCALE: 1"=20'  
 SHEET NO. 158 OF 362 SHEETS  
 STA. 227+00 TO STA. 231+00

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1453	55WR5	DuPAGE	362	158
CONTRACT NO. 60D12			FED. ROAD DIST. NO. 7 ILLINOIS FED. AID PROJECT	



STATION	OFFSET	ELEVATION
A	243+04.3	55.0' LT 707.03
B	243+44.4	90.0' LT 705.72
C	58+99.7	28.5' LT 705.21
D	59+27.8	28.5' LT 704.64
E	59+77.3	28.5' LT 703.84
F	59+87.3	28.7' LT 703.78*
G	59+33.3	4.3' RT 704.37*
H	59+87.3	9.3' RT 704.03*
I	59+87.3	31.3' RT 703.69*
J	59+33.3	35.9' RT 704.70
K	58+93.5	45.8' RT 705.04
L	244+65.0	67.0' LT 705.53
M	58+63.8	28.5' LT 706.07
N	58+63.8	4.5' RT 706.07
O	58+79.8	4.5' RT 705.81
P	58+88.2	4.5' RT 705.71
Q	58+92.9	4.5' RT 705.66
R	59+27.8	4.5' RT 705.30
S	58+79.8	9.5' RT 705.83
T	58+88.2	9.5' RT 705.75
U	58+92.9	9.5' RT 705.66
V	58+79.8	31.5' RT 705.39
W	59+77.3	4.5' RT 704.50
X	59+77.3	9.5' RT 704.50
Y	242+90.6	67.0' RT 706.81
Z	56+79.5	43.9' LT 705.35
AA	56+33.9	32.7' LT 706.53
AB	55+85.9	28.9' LT 708.04*
AC	55+85.9	6.0' RT 708.40*
AD	55+85.9	44.1' RT 707.81*
AE	56+19.0	44.1' RT 706.64
AF	244+63.4	97.7' RT 704.76
AG	244+82.2	88.9' RT 704.66
AH	245+12.5	78.0' RT 704.87
AI	245+99.7	65.0' RT 704.48
AJ	57+09.7	29.0' LT 706.16
AK	56+76.7	29.0' LT 705.82
AL	57+09.7	6.0' RT 706.16
AM	56+76.7	6.0' RT 706.18
AN	244+06.8	55.0' RT 706.26
AO	56+78.6	30.0' RT 705.80
AP	56+78.6	34.0' RT 705.64
AQ	244+83.4	61.5' RT 705.38
AR	245+08.1	55.0' RT 705.49
AS	245+08.1	61.5' RT 705.32
AT	57+08.4	6.0' RT 706.15
AU	57+08.4	30.0' RT 705.78
AV	242+89.2	9.0' LT 708.05
AW	242+89.2	15.0' LT 708.05
AX	243+04.3	9.0' LT 707.94
AY	243+04.3	15.0' LT 707.94
AZ	244+52.4	9.0' RT 706.85
BA	244+52.4	15.0' RT 706.82
BB	244+63.8	9.0' RT 706.75
BC	244+83.5	9.0' RT 706.59
BD	244+83.5	15.0' RT 706.59
BE	56+63.2	57.4' RT 704.97

\* MATCH EXISTING ELEVATION

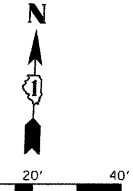
**LEGEND**

- CONSTRUCTION JOINT
  - LONGITUDINAL CONSTRUCTION JOINT NO. 6 X 2' LONG DEFORMED TIE BARS GROUTED-IN PLACE (EPOXY COATED) AT 2' C-C (STANDARD 420001-07)
  - TRANSVERSE CONSTRUCTION JOINT 1'-6" LONG DWEL BARS (EPOXY COATED) AT 1' C-C (STANDARD 420101-04)
- SAWED JOINT
  - LONGITUDINAL SAWED JOINT NO. 6 X 2' LONG DEFORMED TIE BARS (EPOXY COATED) AT 2'-6" C-C (STANDARD 420001-07)
  - TRANSVERSE CONTRACTION JOINT 1'-6" LONG DWEL BARS (EPOXY COATED) AT 1' C-C (STANDARD 420001-07)
- SAWED/CONSTRUCTION JOINT WITHOUT BARS
- PAVEMENT SEPARATION JOINT (DOT DISTRICT 1 STANDARD DETAIL B052) (PAID FOR AS SLEEPER SLAB)
- 12.5 LENGTH (IN FEET) OF PAVEMENT PANEL (BETWEEN TRANSVERSE JOINTS) IF DIFFERENT THAN 13.5'

**NOTES:**

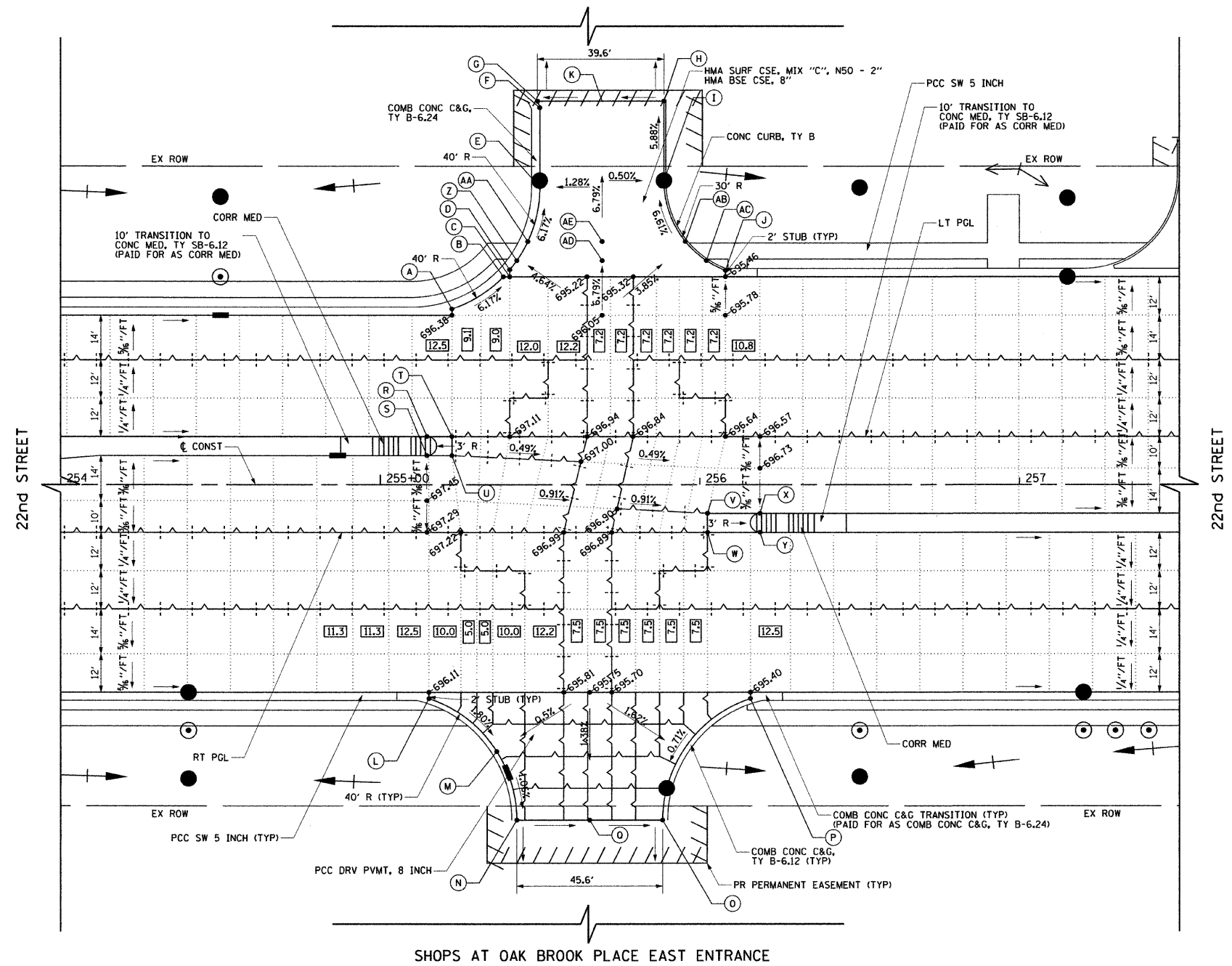
1. ADDITIONAL SAWED CONTRACTION JOINTS MAY BE REQUIRED IN THE FIELD, AS DIRECTED BY THE ENGINEER. EXACT LOCATIONS TO BE VERIFIED IN THE FIELD AND APPROVED BY THE ENGINEER.
2. ALL TRANSVERSE JOINTS SHALL BE A MAXIMUM OF 13.5 FEET UNLESS OTHERWISE NOTED. SEE STANDARD 420101-04 FOR ADDITIONAL INFORMATION.
3. PAVEMENT ROUNDOUTS FOR MANHOLES AND VALVE VAULTS SHALL BE CONSTRUCTED IN ACCORDANCE WITH STANDARD 420111-02.
4. ALL ELEVATIONS NOT SHOWN SHALL FOLLOW THE TYPICAL SECTIONS AND PROFILES.
5. PROPOSED ISLANDS SHALL BE CONSTRUCTED IN ACCORDANCE WITH STANDARD 606301-04.
6. ALL SIDEWALK RAMPS MUST BE ADA COMPLIANT (STANDARD 424001-05).

FILE NAME =	USER NAME = jmgolemba	DESIGNED - JLV	REVISED -	<b>STATE OF ILLINOIS</b>	<b>22nd STREET INTERSECTION PAVING PLAN</b>	F.A. RTE. 1453	SECTION 55WRS	COUNTY	TOTAL SHEETS 362	SHEET NO. 159
gs:\ch07\0061\road\sheets\0160D12-SHT-INT\ERSEC3.dgn		DRAWN - BAW	REVISED -	<b>DEPARTMENT OF TRANSPORTATION</b>	<b>AT MIDWEST ROAD</b>				DUPAGE	
	PLOT SCALE = 20.0000" / IN.	CHECKED - JRH	REVISED -			SCALE: 1"=20'		SHEET NO. 159 OF 362 SHEETS		STA. 242+50 TO STA. 246+50
	PLOT DATE = 12/5/2009	DATE - 07/24/2009	REVISED -			FED. ROAD DIST. NO. 7		ILLINOIS FED. AID PROJECT		CONTRACT NO. 60D12



STATION	OFFSET	ELEVATION
A	255+22.4 55.0' LT	696.26
B	255+38.5 65.0' LT	695.08
C	255+40.5 65.0' LT	694.95
D	255+40.5 67.2' LT	694.82
E	255+49.9 93.0' LT	693.37
F	255+49.9 117.9' LT	691.84
G	255+49.2 120.0' LT	691.70*
H	255+88.8 120.0' LT	691.88*
I	255+88.8 95.0' LT	693.35
J	256+08.0 67.0' LT	695.35
K	255+69.4 120.0' LT	691.79*
L	255+15.2 67.0' RT	696.07
M	255+36.4 83.5' RT	695.58
N	255+42.7 105.0' RT	695.34*
O	255+88.3 105.0' RT	695.03*
P	256+15.8 67.0' RT	695.39
Q	255+65.5 105.0' RT	695.20*
R	255+14.6 15.0' LT	697.29
S	255+14.6 9.0' LT	697.23
T	255+22.4 15.0' LT	697.24
U	255+22.4 9.0' LT	697.19
V	256+02.4 9.0' RT	696.64
W	256+02.4 15.0' RT	696.67
X	256+18.8 9.0' RT	696.50
Y	256+18.8 15.0' RT	696.56
Z	255+42.7 70.1' LT	694.59
AA	255+46.2 76.1' LT	694.45
AB	255+96.5 76.1' LT	694.70
AC	256+02.0 70.1' LT	694.88
AD	255+69.4 70.1' LT	694.89
AE	255+69.4 76.1' LT	694.77

\*MATCH EXISTING ELEVATION



- LEGEND**
- CONSTRUCTION JOINT
    - LONGITUDINAL CONSTRUCTION JOINT NO. 6 X 2' LONG DEFORMED TIE BARS GROUTED-IN PLACE (EPOXY COATED) AT 2' C-C. (STANDARD 420001-07)
    - TRANSVERSE CONSTRUCTION JOINT 1'-6" LONG DOWEL BARS (EPOXY COATED) AT 1' C-C (STANDARD 420101-04)
  - SAWED JOINT
    - LONGITUDINAL SAWED JOINT NO. 6 X 2'-6" LONG DEFORMED TIE BARS (EPOXY COATED) AT 2'-6" C-C (STANDARD 420001-07)
    - TRANSVERSE CONSTRUCTION JOINT 1'-6" LONG DOWEL BARS (EPOXY COATED) AT 1' C-C (STANDARD 420001-07)
  - SAWED/CONSTRUCTION JOINT WITHOUT BARS
  - PAVEMENT SEPARATION JOINT (DOT DISTRICT 1 STANDARD DETAIL BD52) (PAID FOR AS SLEEPER SLAB)
  - LENGTH (IN FEET) OF PAVEMENT PANEL (BETWEEN TRANSVERSE JOINTS) IF DIFFERENT THAN 13.5'

- NOTES:**
1. ADDITIONAL SAWED CONTRACTION JOINTS MAY BE REQUIRED IN THE FIELD, AS DIRECTED BY THE ENGINEER. EXACT LOCATIONS TO BE VERIFIED IN THE FIELD AND APPROVED BY THE ENGINEER.
  2. ALL TRANSVERSE JOINTS SHALL BE A MAXIMUM OF 13.5 FEET UNLESS OTHERWISE NOTED. SEE STANDARD 420101-04 FOR ADDITIONAL INFORMATION.
  3. PAVEMENT ROUNDOFFS FOR MANHOLES AND VALVE VAULTS SHALL BE CONSTRUCTED IN ACCORDANCE WITH STANDARD 420111-02.
  4. ALL ELEVATIONS NOT SHOWN SHALL FOLLOW THE TYPICAL SECTIONS AND PROFILES.
  5. PROPOSED ISLANDS SHALL BE CONSTRUCTED IN ACCORDANCE WITH STANDARD 606301-04.
  6. ALL SIDEWALK RAMP MUST BE ADA COMPLIANT (STANDARD 424001-05).

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USER NAME = jmgolemba  
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 PLOT DATE = 12/5/2009

DESIGNED - JLV	REVISED -
DRAWN - BAW	REVISED -
CHECKED - JRH	REVISED -
DATE - 07/24/2009	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

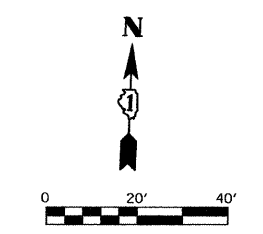
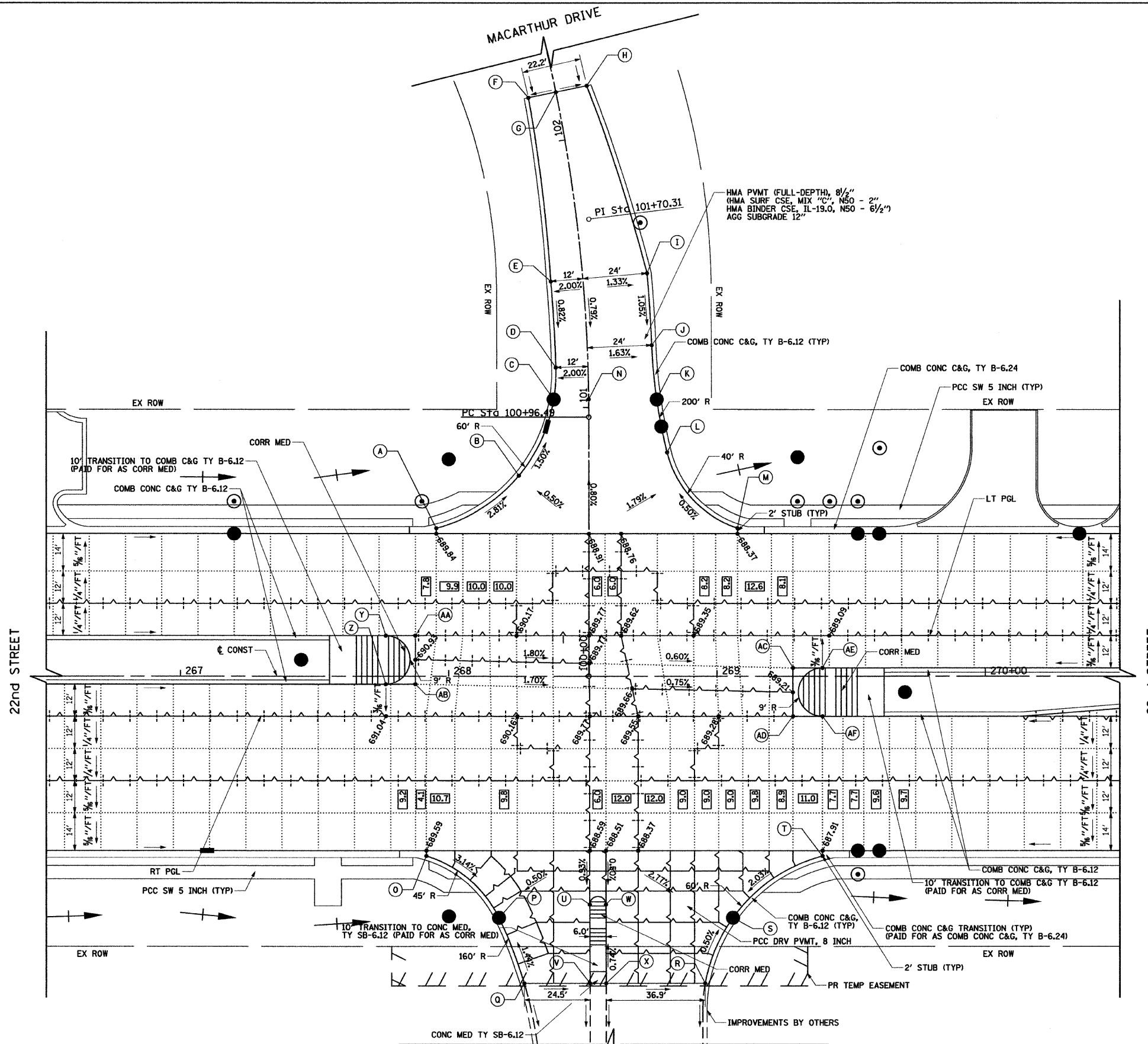
**22nd STREET INTERSECTION PAVING PLAN  
AT SHOPS AT OAK BROOK PLACE EAST ENTRANCE**

SCALE: 1"=20'    SHEET NO. 160 OF 362 SHEETS    STA. 254+00 TO STA. 257+50

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1453	55WRS	DUPAGE	362	160
CONTRACT NO. 60D12			FED. ROAD DIST. NO. 7 ILLINOIS FED. AID PROJECT	

	STATION	OFFSET	ELEVATION
A	267+95.3	55.0' LT	689.78
B	100+74.7	26.1' LT	688.74
C	101+03.1	13.1' LT	688.27
D	101+15.3	12.0' LT	688.37
E	101+48.1	12.0' LT	688.63
F	102+18.1	10.4' LT	689.20*
G	102+18.1	0.0' LT	689.42*
H	102+18.1	11.7' RT	689.32*
I	101+48.1	24.0' RT	688.55
J	101+22.1	24.0' RT	688.27
K	101+02.7	25.3' RT	688.06
L	100+83.3	29.2' RT	688.15
M	269+07.6	55.0' RT	688.36
N	101+03.0	0.0' LT	688.51
O	267+91.6	67.0' RT	689.53
P	268+18.7	90.0' RT	688.38
Q	268+28.1	114.7' RT	688.76
R	268+95.5	114.7' RT	687.17
S	269+05.9	90.0' RT	687.03
T	269+39.3	67.0' RT	687.87
U	268+52.5	85.1' RT	688.40
V	268+52.6	114.7' RT	688.10
W	268+58.6	114.7' RT	688.40
X	268+52.6	114.7' RT	688.63
Y	267+76.6	15.0' LT	691.04
Z	267+76.6	3.0' RT	691.23
AA	267+87.6	15.0' LT	690.84
AB	267+87.6	3.0' RT	691.03
AC	269+28.3	3.0' LT	689.31
AD	269+28.3	15.0' RT	689.12
AE	269+39.3	3.0' LT	689.28
AF	269+39.3	15.0' RT	689.09

\* MATCH EXISTING ELEVATION



- LEGEND**
- LONGITUDINAL CONSTRUCTION JOINT NO. 6 X 2' LONG DEFORMED TIE BARS GROUTED-IN PLACE (EPOXY COATED) AT 2' C-C (STANDARD 42001-07)
  - TRANSVERSE CONSTRUCTION JOINT 1'-6" LONG DOWEL BARS (EPOXY COATED) AT 1' C-C (STANDARD 420101-04)
  - LONGITUDINAL SAWED JOINT NO. 6 X 2'-6" LONG DEFORMED TIE BARS (EPOXY COATED) AT 2'-6" C-C (STANDARD 42001-07)
  - TRANSVERSE SAWED JOINT 1'-6" LONG DOWEL BARS (EPOXY COATED) AT 1' C-C (STANDARD 42001-07)
  - SAWED/CONSTRUCTION JOINT WITHOUT BARS
  - PAVEMENT SEPARATION JOINT (IDOT DISTRICT 1 STANDARD DETAIL BD52) (PAID FOR AS SLEEPER SLAB)
- NOTES:**
- ADDITIONAL SAWED CONTRACTION JOINTS MAY BE REQUIRED IN THE FIELD, AS DIRECTED BY THE ENGINEER. EXACT LOCATIONS TO BE VERIFIED IN THE FIELD AND APPROVED BY THE ENGINEER.
  - ALL TRANSVERSE JOINTS SHALL BE A MAXIMUM OF 13.5 FEET UNLESS OTHERWISE NOTED. SEE STANDARD 420101-04 FOR ADDITIONAL INFORMATION.
  - PAVEMENT ROUNDOUTS FOR MANHOLES AND VALVE VAULTS SHALL BE CONSTRUCTED IN ACCORDANCE WITH STANDARD 420111-02.
  - ALL ELEVATIONS NOT SHOWN SHALL FOLLOW THE TYPICAL SECTIONS AND PROFILES.
  - PROPOSED ISLANDS SHALL BE CONSTRUCTED IN ACCORDANCE WITH STANDARD 606301-04.
  - ALL SIDEWALK RAMP MUST BE ADA COMPLIANT (STANDARD 424001-05).

**NOTES:**

LENGTH (IN FEET) OF PAVEMENT PANEL (BETWEEN TRANSVERSE JOINTS) IF DIFFERENT THAN 13.5'

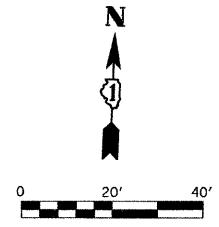
**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**22nd STREET INTERSECTION PAVING PLAN  
AT MACARTHUR DRIVE**

FILE NAME =	USER NAME = BAW\sort	DESIGNED - JLV	REVISED -
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PLOT DATE = 3/31/2018		DATE - 4/1/2010	REVISED -

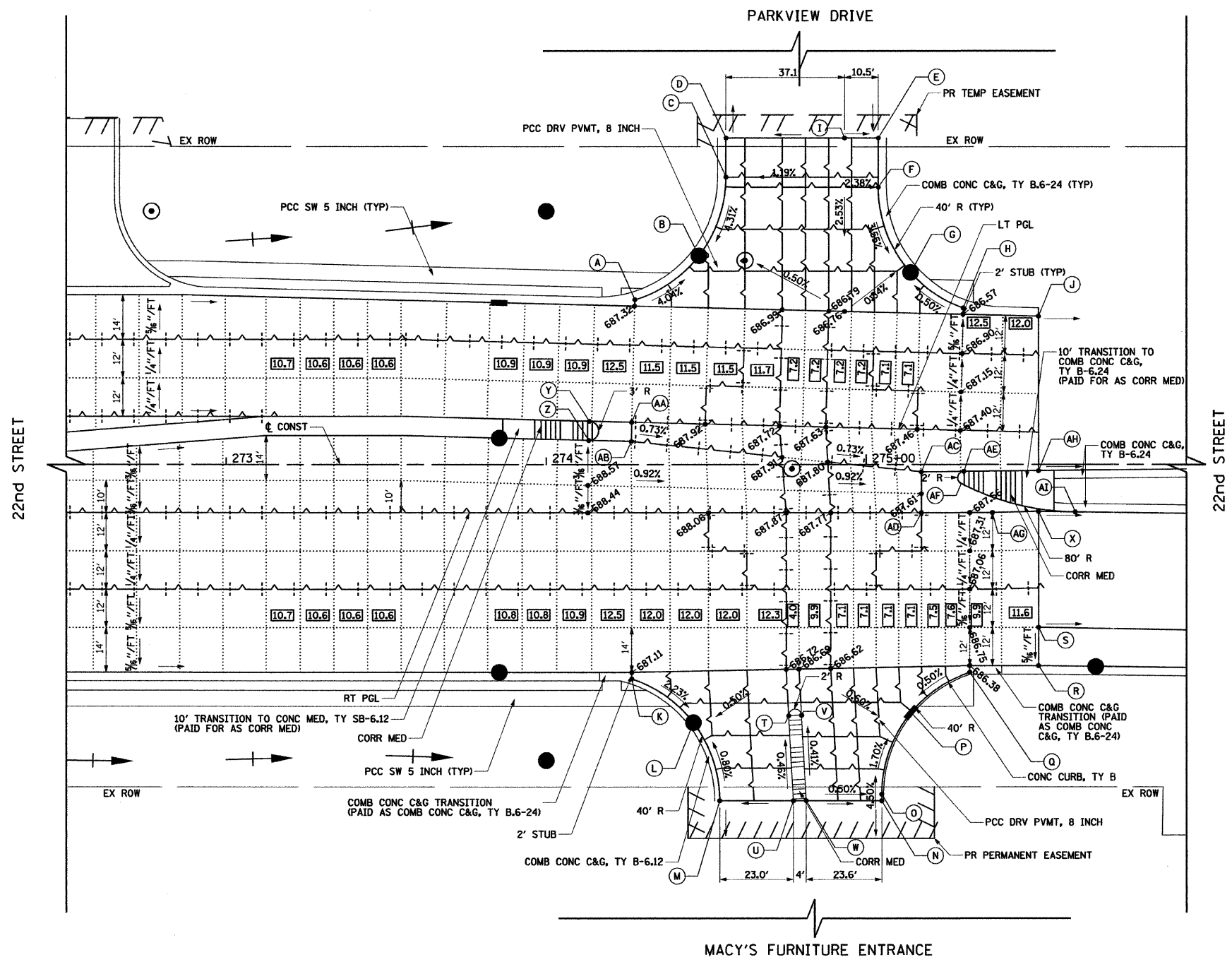
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1453	55WRS	DUPAGE	362	161
FED. ROAD DIST. NO. 7 (ILLINOIS) FED. AID PROJECT				CONTRACT NO. 60D12

SCALE: 1"=20' SHEET NO. 161 OF 362 SHEETS STA. 266+50 TO STA. 270+50



	STATION	OFFSET	ELEVATION
A	274+27.7	51.5' LT	687.24
B	274+47.7	65.2' LT	686.24
C	274+56.2	89.8' LT	687.38
D	274+56.2	102.0' LT	687.91*
E	275+03.8	102.0' LT	688.04*
F	275+03.8	86.6' LT	687.49
G	275+13.9	60.0' LT	686.46
H	275+30.3	48.9' LT	686.56
I	274+93.2	102.0' LT	688.13*
J	275+53.8	46.3' LT	687.06*
K	274+26.7	67.0' RT	687.07
L	274+46.0	80.7' RT	686.53
M	274+54.2	105.0' RT	686.74*
N	275+04.8	105.0' RT	686.82*
O	275+04.8	103.0' RT	686.73
P	275+14.0	77.5' RT	686.26
Q	275+32.3	65.0' RT	686.37
R	275+53.8	63.0' RT	686.95
S	275+53.8	50.9' RT	687.26*
T	274+75.8	78.6' RT	686.79
U	274+77.2	105.0' RT	686.91*
V	274+79.8	78.4' RT	686.75
W	274+81.2	105.0' RT	686.86*
X	275+53.8	14.6' RT	687.47*
Y	274+13.5	13.5' LT	688.30
Z	274+13.3	7.5' LT	688.35
AA	274+26.7	13.2' LT	688.15
AB	274+26.6	7.2' LT	688.25
AC	275+17.2	2.3' RT	687.59
AD	275+17.2	15.0' RT	687.62
AE	275+30.5	2.2' RT	687.49
AF	275+29.7	5.9' RT	687.60
AG	275+39.4	15.0' RT	687.53
AH	275+53.8	2.0' RT	687.32*
AI	275+65.3	14.8' RT	687.41*

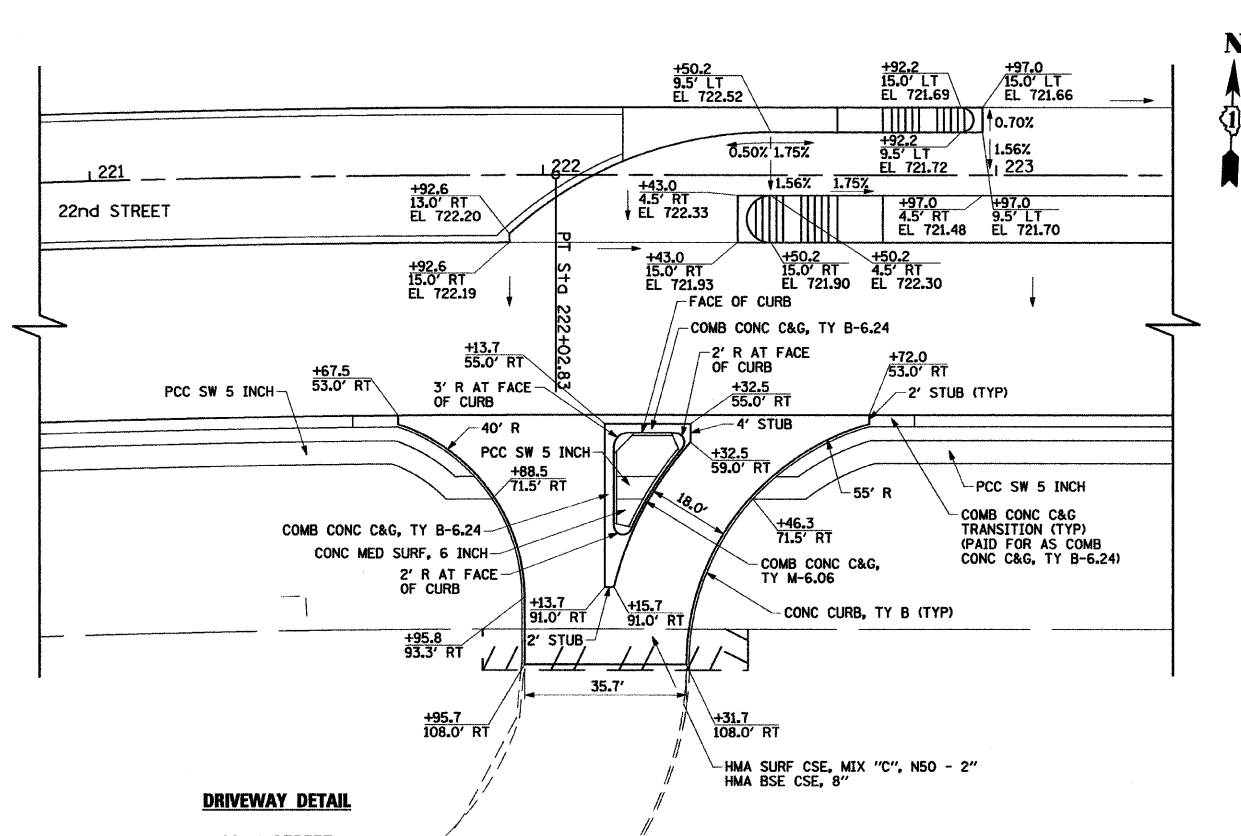
\* MATCH EXISTING ELEVATION



- LEGEND**
- CONSTRUCTION JOINT
    - LONGITUDINAL CONSTRUCTION JOINT NO. 6 X 2' LONG DEFORMED TIE BARS (EPOXY COATED) AT 2' C-C (STANDARD 420001-07)
    - TRANSVERSE CONSTRUCTION JOINT 1'-6" LONG DOWEL BARS (EPOXY COATED) AT 1' C-C (STANDARD 420101-04)
  - SAWED JOINT
    - LONGITUDINAL SAWED JOINT NO. 6 X 2'-6" LONG DEFORMED TIE BARS (EPOXY COATED) AT 2'-6" C-C (STANDARD 420001-07)
    - TRANSVERSE CONSTRUCTION JOINT 1'-6" LONG DOWEL BARS (EPOXY COATED) AT 1' C-C (STANDARD 420001-07)
  - SAWED/CONSTRUCTION JOINT WITHOUT BARS
  - PAVEMENT SEPARATION JOINT (DOT DISTRICT 1 STANDARD DETAIL B052) (PAID FOR AS SLEEPER SLAB)
  - 12.5' LENGTH (IN FEET) OF PAVEMENT PANEL (BETWEEN TRANSVERSE JOINTS) IF DIFFERENT THAN 13.5'

- NOTES:**
1. ADDITIONAL SAWED CONTRACTION JOINTS MAY BE REQUIRED IN THE FIELD, AS DIRECTED BY THE ENGINEER. EXACT LOCATIONS TO BE VERIFIED IN THE FIELD AND APPROVED BY THE ENGINEER.
  2. ALL TRANSVERSE JOINTS SHALL BE A MAXIMUM OF 13.5 FEET UNLESS OTHERWISE NOTED. SEE STANDARD 420101-04 FOR ADDITIONAL INFORMATION.
  3. PAVEMENT ROUNDOFFS FOR MANHOLES AND VALVE VAULTS SHALL BE CONSTRUCTED IN ACCORDANCE WITH STANDARD 420111-02.
  4. ALL ELEVATIONS NOT SHOWN SHALL FOLLOW THE TYPICAL SECTIONS AND PROFILES.
  5. PROPOSED ISLANDS SHALL BE CONSTRUCTED IN ACCORDANCE WITH STANDARD 606301-04.
  6. ALL SIDEWALK RAMP MUST BE ADA COMPLIANT (STANDARD 424001-05).

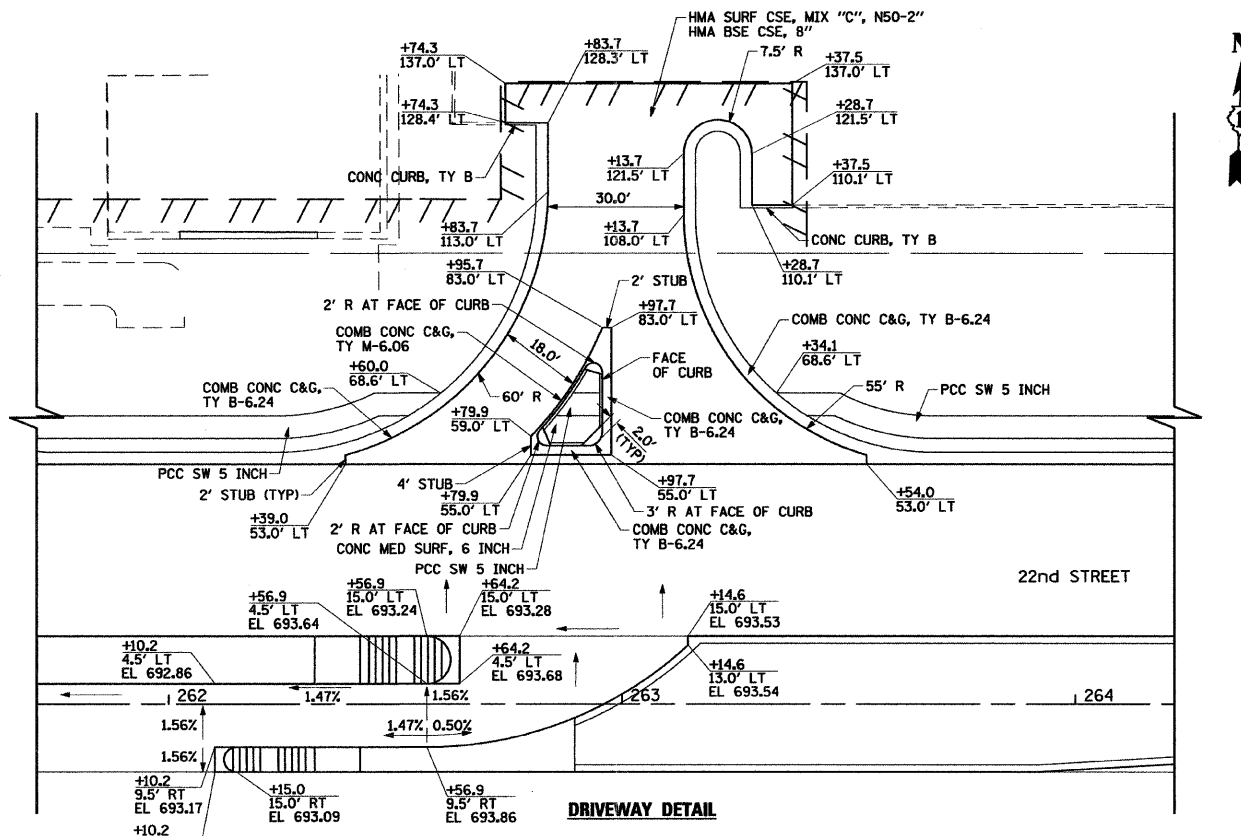
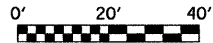




**DRIVEWAY DETAIL**

22nd STREET  
STATION 222+12 RT

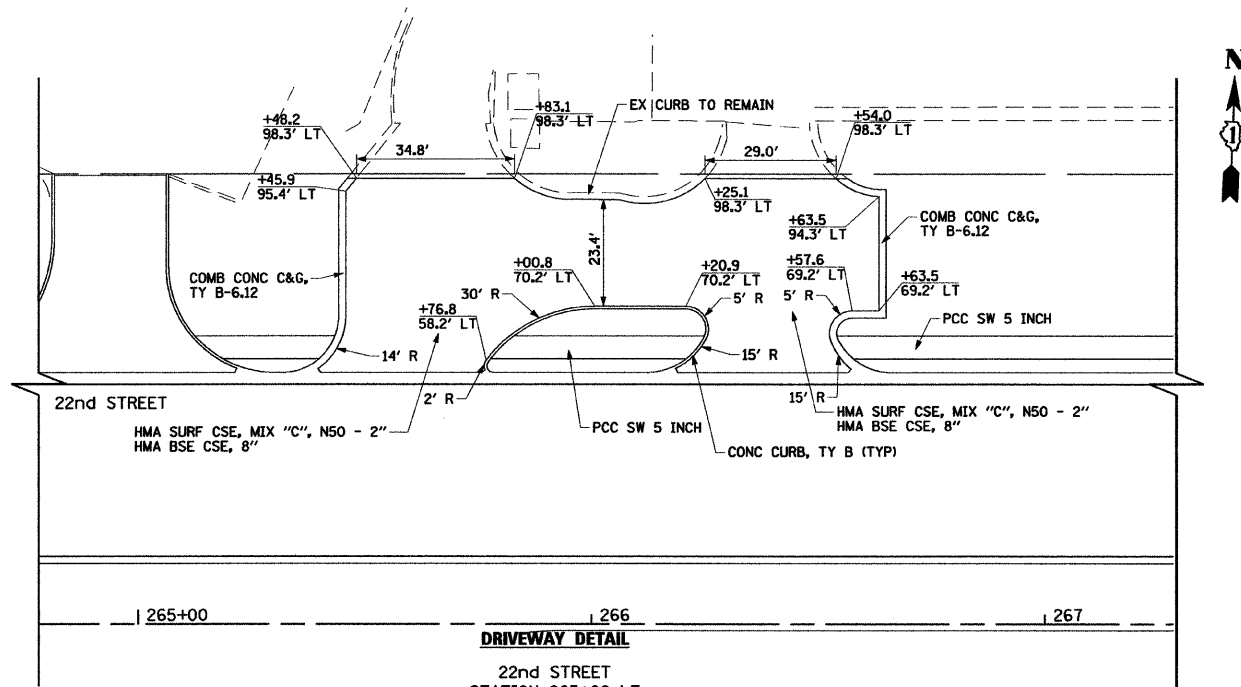
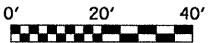
NOTE: PROPOSED ISLANDS SHALL BE CONSTRUCTED IN ACCORDANCE WITH STANDARD 606301. ALL SIDEWALK RAMPS MUST BE ADA COMPLIANT (STANDARD 424001).



**DRIVEWAY DETAIL**

22nd STREET  
STATION 263+00 LT

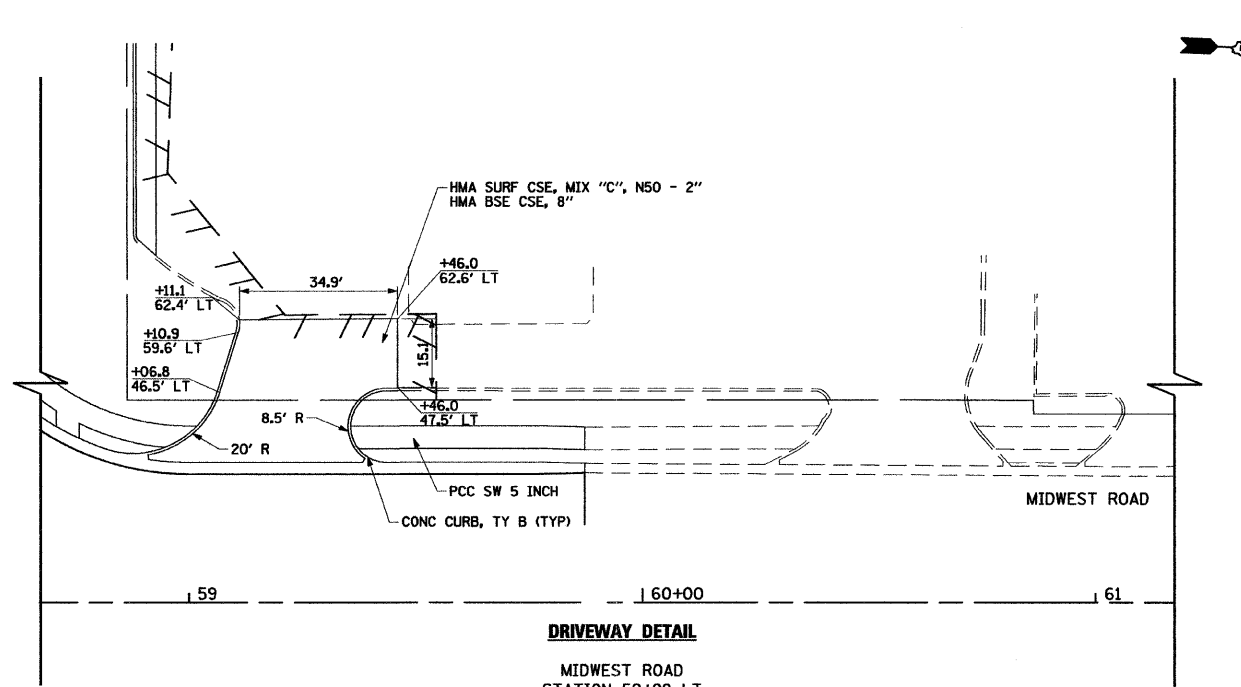
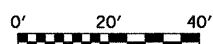
NOTE: PROPOSED ISLANDS SHALL BE CONSTRUCTED IN ACCORDANCE WITH STANDARD 606301. ALL SIDEWALK RAMPS MUST BE ADA COMPLIANT (STANDARD 424001).



**DRIVEWAY DETAIL**

22nd STREET  
STATION 265+66 LT  
STATION 266+39 LT

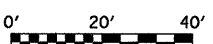
NOTE: PROPOSED ISLANDS SHALL BE CONSTRUCTED IN ACCORDANCE WITH STANDARD 606301. ALL SIDEWALK RAMPS MUST BE ADA COMPLIANT (STANDARD 424001).



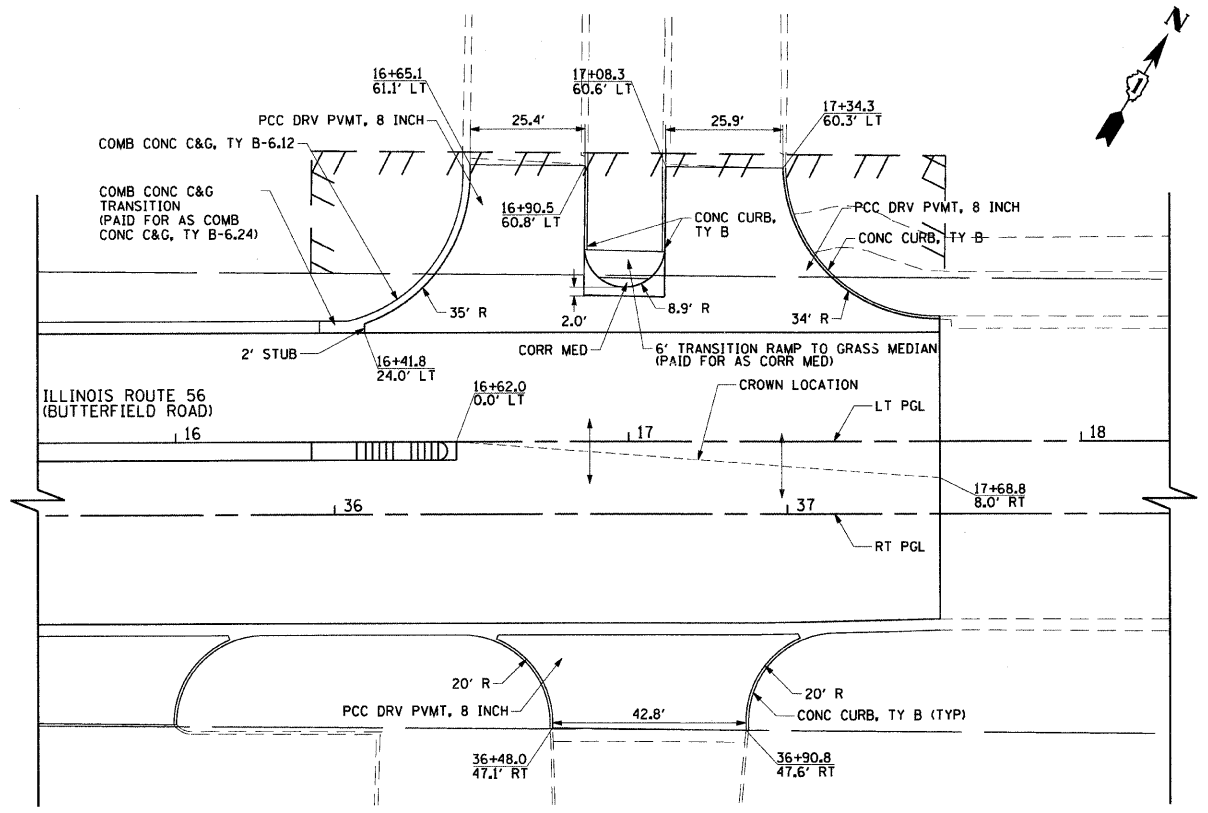
**DRIVEWAY DETAIL**

MIDWEST ROAD  
STATION 59+28 LT

NOTE: PROPOSED ISLANDS SHALL BE CONSTRUCTED IN ACCORDANCE WITH STANDARD 606301. ALL SIDEWALK RAMPS MUST BE ADA COMPLIANT (STANDARD 424001).

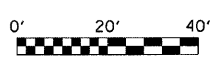


FILE NAME =	USER NAME = BAW\jort	DESIGNED - JMG	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>DRIVEWAY AND MEDIAN DETAILS</b>	F.A.J. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
gr\ch07\0061\road\sheet\0160D12-SHT-DRU	DET.dgn	DRAWN - BAW	REVISED -			1453	55WRS	DUPAGE	362	163	
PLOT SCALE = 20.0000' / IN.		CHECKED - JRH	REVISED -			SCALE: 1"=20'		SHEET NO. 163 OF 362 SHEETS		CONTRACT NO. 60D12	
PLOT DATE = 3/31/2010		DATE - 4/1/2010	REVISED -			FED. ROAD DIST. NO. 7 ILLINOIS FED. AID PROJECT					

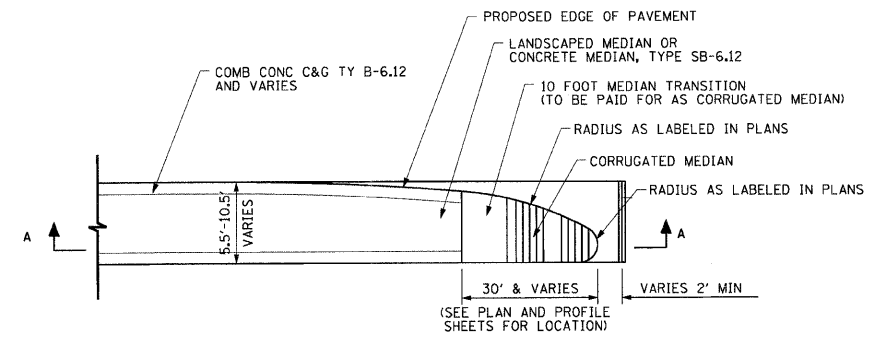
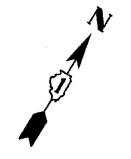


**DRIVEWAY DETAIL**

ILLINOIS ROUTE 56  
(BUTTERFIELD ROAD)  
STATION 16+78 LT  
STATION 17+21 LT  
STATION 36+56 RT  
STATION 36+79 RT



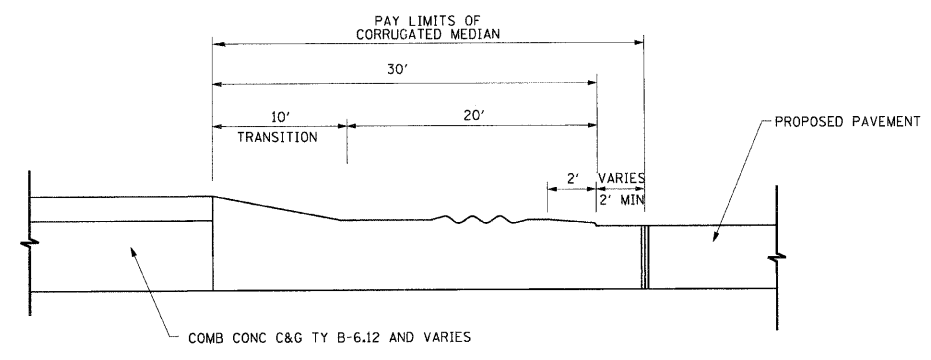
NOTE: PROPOSED ISLANDS SHALL BE CONSTRUCTED IN ACCORDANCE WITH STANDARD 606301. ALL SIDEWALK RAMPS MUST BE ADA COMPLIANT (STANDARD 424001).



**CORRUGATED MEDIAN**

AT MEDIAN TERMINI

NOTE: CORRUGATED MEDIAN SHALL BE CONSTRUCTED IN ACCORDANCE WITH APPLICABLE PORTIONS OF STANDARD 606306



**SECTION A - A**

FILE NAME = g:\ch07\0061\road\sheet\162012-SHT-DR\DET2.dgn	USER NAME = BAW\gaw	DESIGNED - ORB	REVISED -
		DRAWN - BRW	REVISED -
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	PLOT DATE = 8/5/2009	DATE - 07/24/2009	REVISED -

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

<b>DRIVEWAY AND MEDIAN DETAILS</b>	
SCALE: 1"=20'	SHEET NO. 164 OF 362 SHEETS

F.A. RTE. 1453	SECTION 55WRS	COUNTY DuPAGE	TOTAL SHEETS 362	SHEET NO. 164
FED. ROAD DIST. NO. 7 ILLINOIS FED. AID PROJECT				
CONTRACT NO. 60D12				

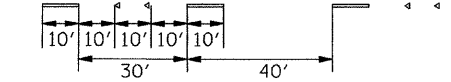
**NOTES**

1. POLYUREA PAVEMENT MARKING TYPE 1, SHALL BE USED ON PCC PAVEMENT AND THERMOPLASTIC PAVEMENT MARKING ON HMA PAVEMENT (SIDE STREET AND DRIVEWAY ENTRANCES).
2. FOR ADDITIONAL DETAILS SEE DISTRICT ONE TYPICAL PAVEMENT MARKING TC-13 AND TYPICAL APPLICATIONS OF RAISED REFLECTIVE PAVEMENT MARKING TC-11.
3. THE CONTRACTOR SHALL NOTIFY THE ENGINEER 72 HOURS PRIOR TO PLACEMENT OF THE PAVEMENT MARKINGS.
4. ALL MEDIAN NOSES SHALL HAVE PAVEMENT MARKINGS.
5. THOSE EXISTING PAVEMENT MARKINGS REMOVED OUTSIDE THE IMPROVEMENT LIMITS DURING STAGE CONSTRUCTION SHALL BE REINSTALLED AT ALL LOCATIONS.
6. STATION GIVEN FOR STOP BAR LOCATION REFERENCE THE FACE OF THE STOP BAR WHICH MATCHES THE LOCATION OF THE MEDIAN NOSE PC.
7. MINIMUM DISTANCE OF 4' SHOULD BE MAINTAINED BETWEEN THE EDGE OF 6" CROSS WALK AND EDGE OF 24" STOP BAR.

**SYMBOL LEGEND**

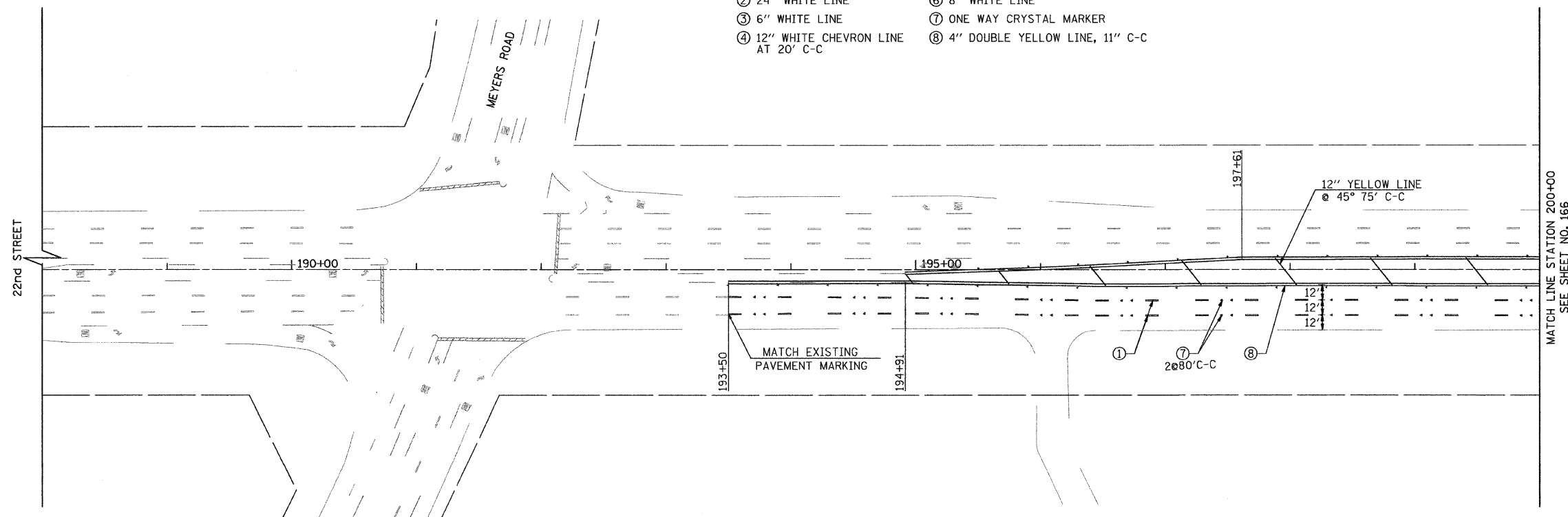
- WHITE TURN ARROW & LETTERS  
36.4 SQ. FT.
- WHITE THRU ARROW & LETTERS  
32.3 SQ. FT.
- ONLY LETTERS  
20.8 SQ. FT.
- WHITE THRU ARROW  
11.5 SQ. FT.
- TURN ARROW  
15.6 SQ. FT.
- ONE-WAY CRYSTAL MARKER (W/O), 40' C-C
- ONE-WAY AMBER MARKER, 40' C-C
- TWO-WAY AMBER MARKER, 40' C-C

RAISED REFLECTIVE PAVEMENT MARKERS  
(SEE DISTRICT STD TC-11)



**STRIPING LEGEND**

- ① 4" WHITE LANE LINE
- ② 24" WHITE LINE
- ③ 6" WHITE LINE
- ④ 12" WHITE CHEVRON LINE AT 20' C-C
- ⑤ 6" WHITE LINE (2' DASH 6' SKIP)
- ⑥ 8" WHITE LINE
- ⑦ ONE WAY CRYSTAL MARKER
- ⑧ 4" DOUBLE YELLOW LINE, 11' C-C



FILE NAME = P:\2007\ME07081\_22nd\_Street\Cadd\Supp3\0160D12-SHT-PMK00.dgn  
 USER NAME = MILLENNIA ENGINEERING

**MILLENNIA ENGINEERING**  
 200 22ND Street, Suite 216, Lombard, IL 60148  
 630.705.8110 voice, 630.839.2566 fax  
 www.millenniaeng.com

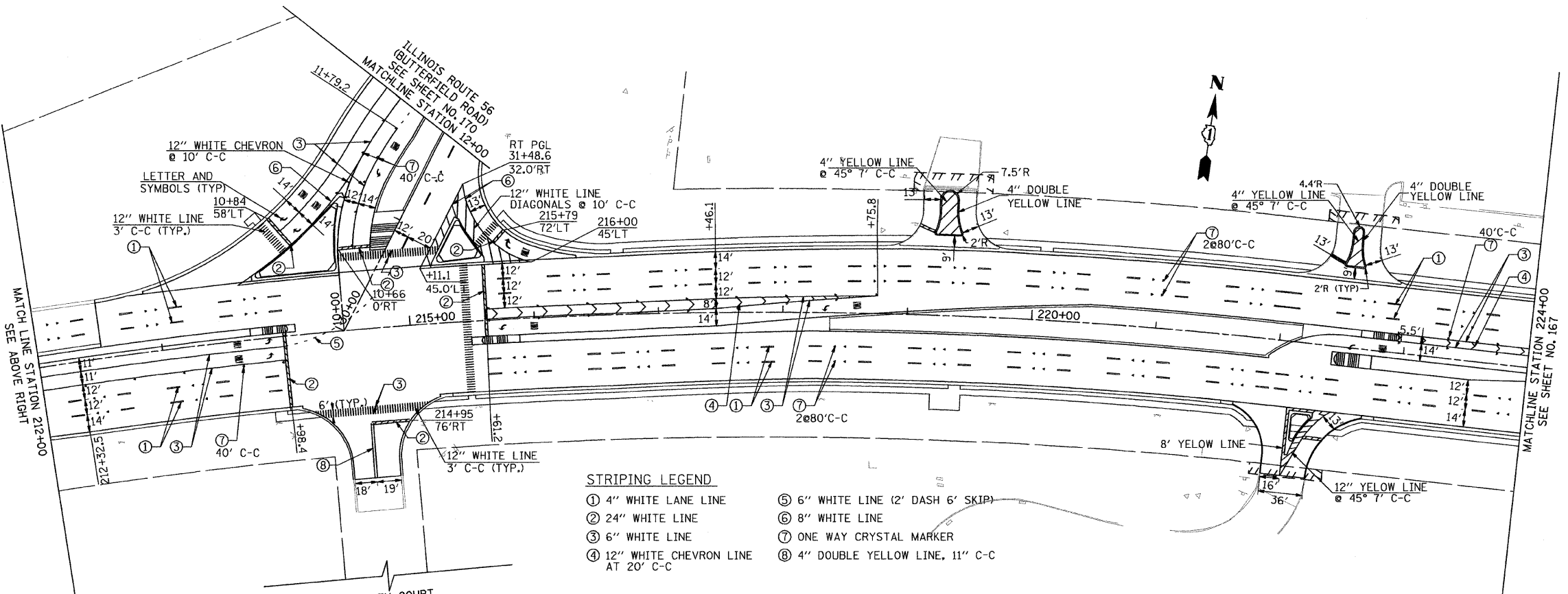
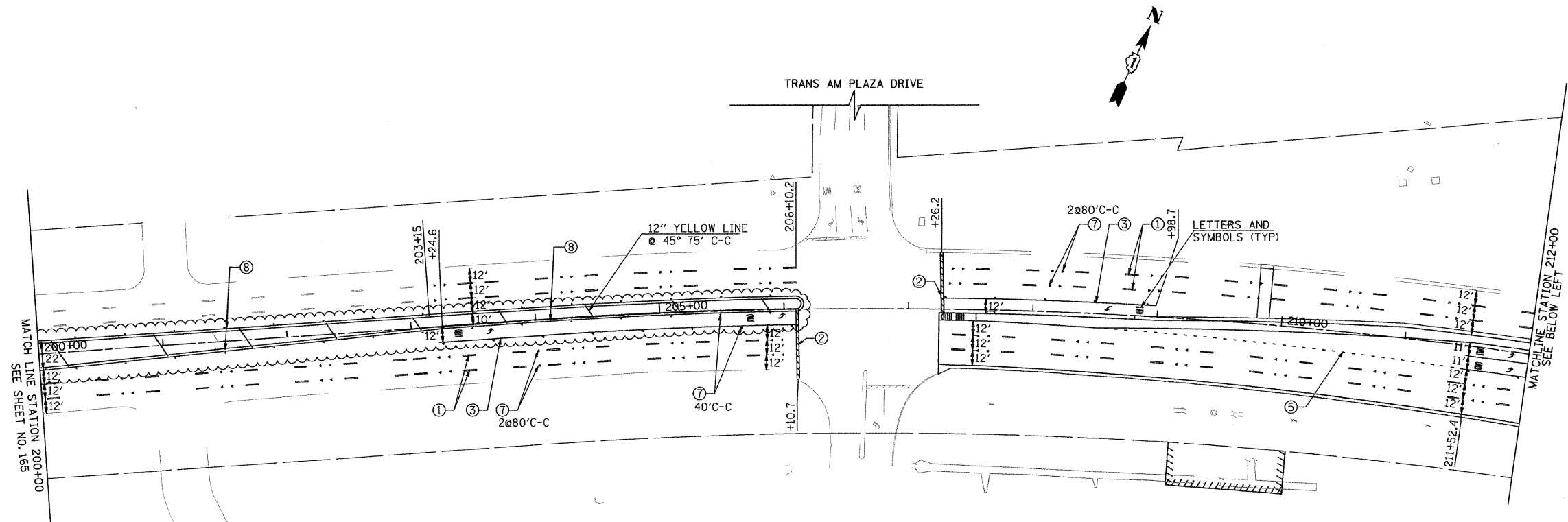
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DRAWN - TVN	REVISED -
CHECKED - RPD	REVISED -
DATE - 04/01/2010	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**22nd STREET PAVEMENT MARKING PLAN**  
 SCALE: 1"=50' SHEET NO. 165 OF 362 SHEETS STA. 188+00 TO STA. 200+00

F.A.J. RTE. 1453	SECTION 55WRS	COUNTY DUPAGE	TOTAL SHEETS 362	SHEET NO. 165
CONTRACT NO. 60D12				

FED. ROAD DIST. NO. 7 ILLINOIS FED. AID PROJECT  
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- STRIPING LEGEND**
- ① 4" WHITE LANE LINE
  - ② 24" WHITE LINE
  - ③ 6" WHITE LINE
  - ④ 12" WHITE CHEVRON LINE AT 20' C-C
  - ⑤ 6" WHITE LINE (2' DASH 6' SKIP)
  - ⑥ 8" WHITE LINE
  - ⑦ ONE WAY CRYSTAL MARKER
  - ⑧ 4" DOUBLE YELLOW LINE, 11' C-C

FILE NAME = P:\2007\ME07081\_22nd\_Street\Cadd\Supp3\0168012-SHT-PMK01.dgn  
 USER NAME = M. J. MILLER  
 USER TITLE = MILLENNIA ENGINEERING



200 22ND Street, Suite 216, Lombard, IL 60148  
 630.785.0110 voice, 630.833.2566 fax  
 www.millenniaeng.com  
**MILLENNIA ENGINEERING**

DESIGNED - TVN	REVISED -
DRAWN - TVN	REVISED -
CHECKED - RPD	REVISED -
DATE - 04/01/2010	REVISED -

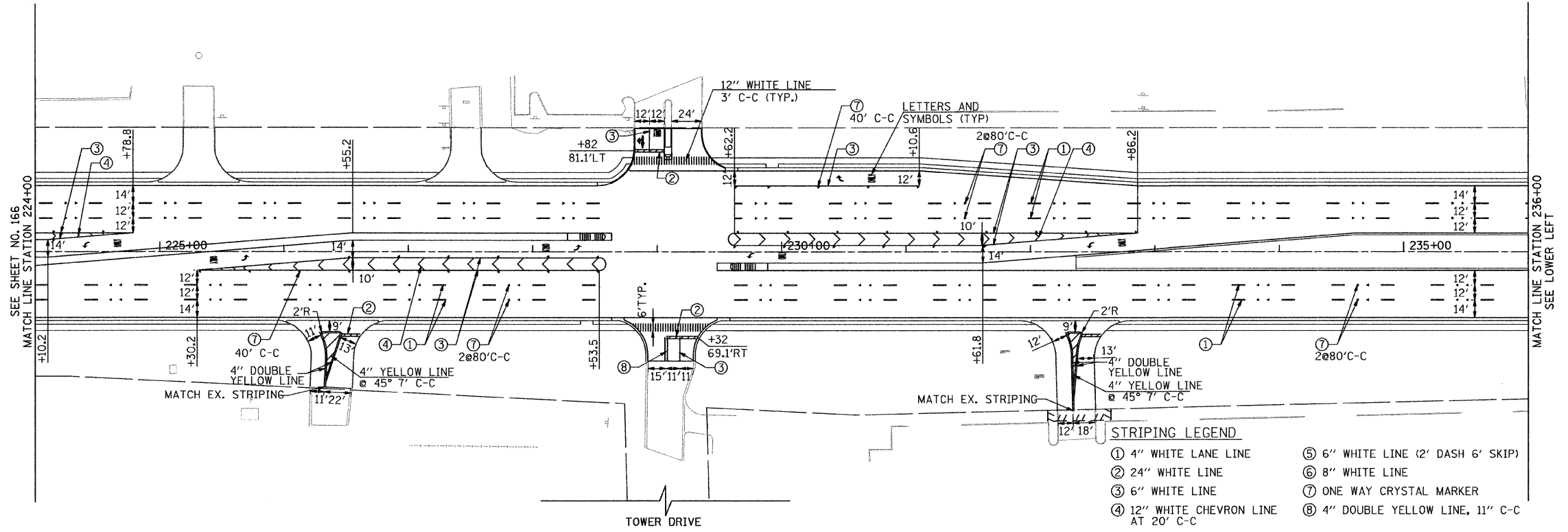
**STATE OF ILLINOIS**  
**DEPARTMENT OF TRANSPORTATION**

**22nd STREET PAVEMENT MARKING PLAN**

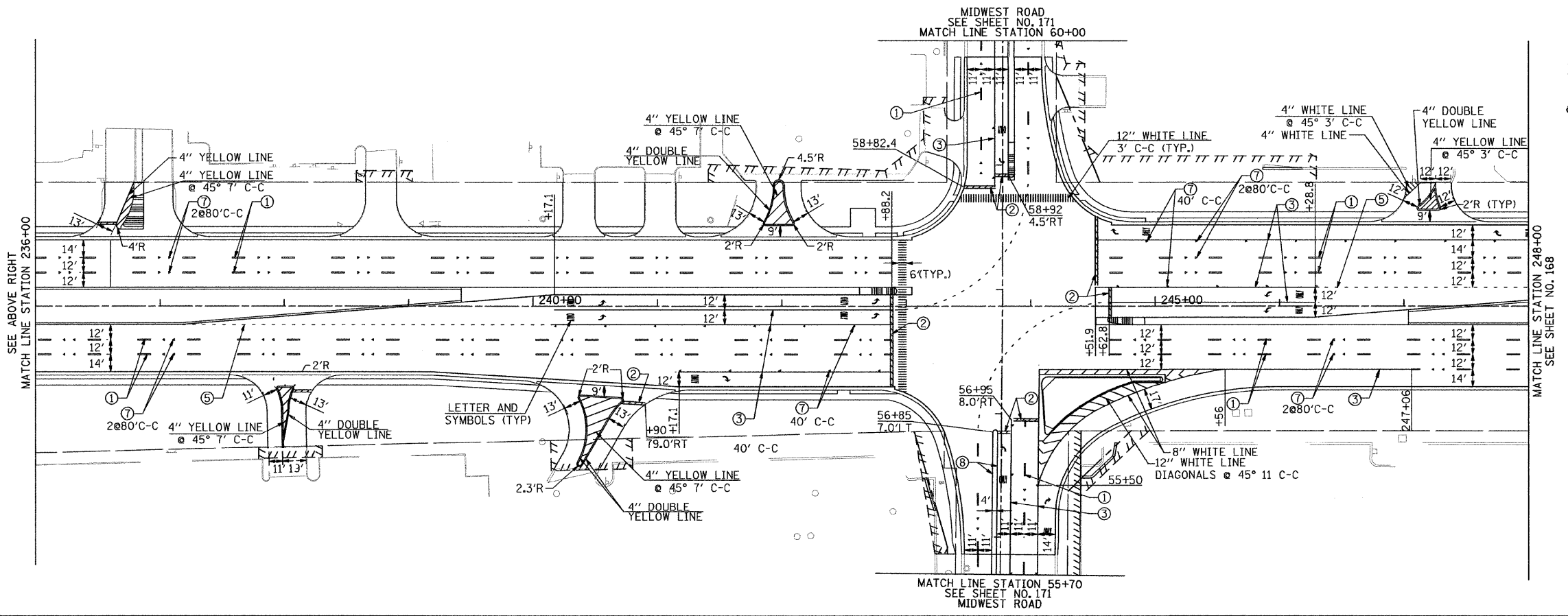
SCALE: 1"=50'    SHEET NO. 166 OF 362 SHEETS    STA. 200+00    TO STA. 224+00

F.A.J. RTE. 1453	SECTION 55WRS	COUNTY DUPAGE	TOTAL SHEETS 362	SHEET NO. 166
FED. ROAD DIST. NO. 7 ILLINOIS FED. AID PROJECT			CONTRACT NO. 60D12	

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- STRIPING LEGEND**
- ① 4" WHITE LANE LINE
  - ② 24" WHITE LINE
  - ③ 6" WHITE LINE
  - ④ 12" WHITE CHEVRON LINE
  - ⑤ 6" WHITE LINE (2' DASH 6' SKIP)
  - ⑥ 8" WHITE LINE
  - ⑦ ONE WAY CRYSTAL MARKER
  - ⑧ 4" DOUBLE YELLOW LINE, 11" C-C AT 20' C-C



FILE NAME = P:\2007\ME7081.22nd.Street\3D\Supp3\0168012-SHT-PMK02.dgn  
 USER NAME = MLE  
 USER NAME = MLE

200 22ND Street, Suite 216, Lombard, IL 60148  
 630.785.0110 voice, 630.833.2566 fax  
 www.millenniaeng.com  
**MILLENNIA ENGINEERING**

DESIGNED - TVN	REVISED -
DRAWN - TVN	REVISED -
CHECKED - RPD	REVISED -
DATE - 04/01/2010	REVISED -

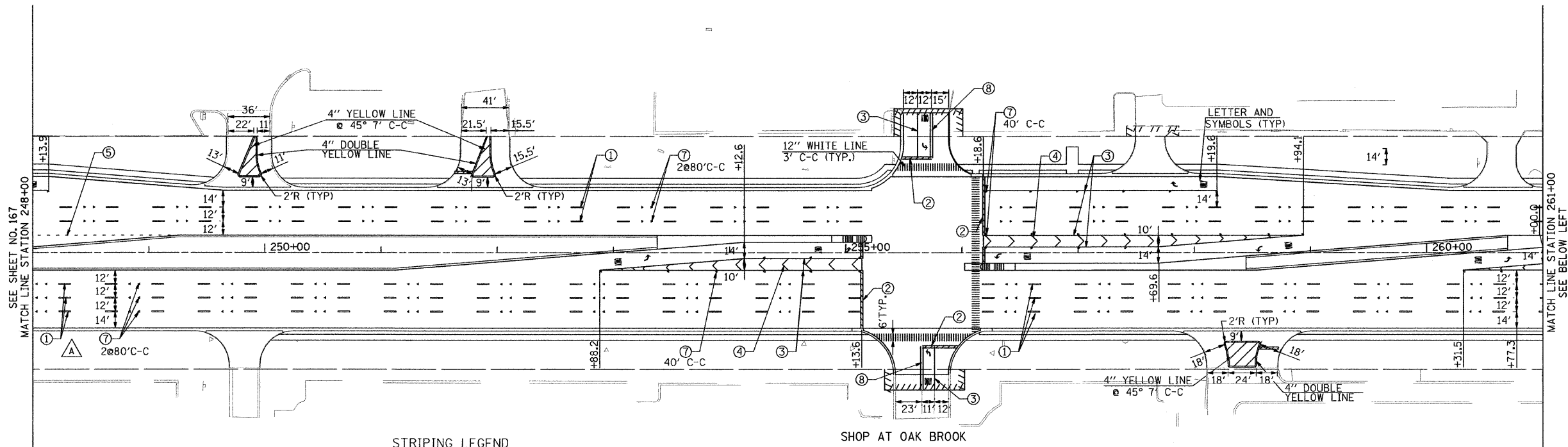
**STATE OF ILLINOIS**  
**DEPARTMENT OF TRANSPORTATION**

**22nd STREET PAVEMENT MARKING PLAN**  
 SCALE: 1"=50'    SHEET NO.167 OF 362 SHEETS    STA. 224+00    TO STA. 248+00

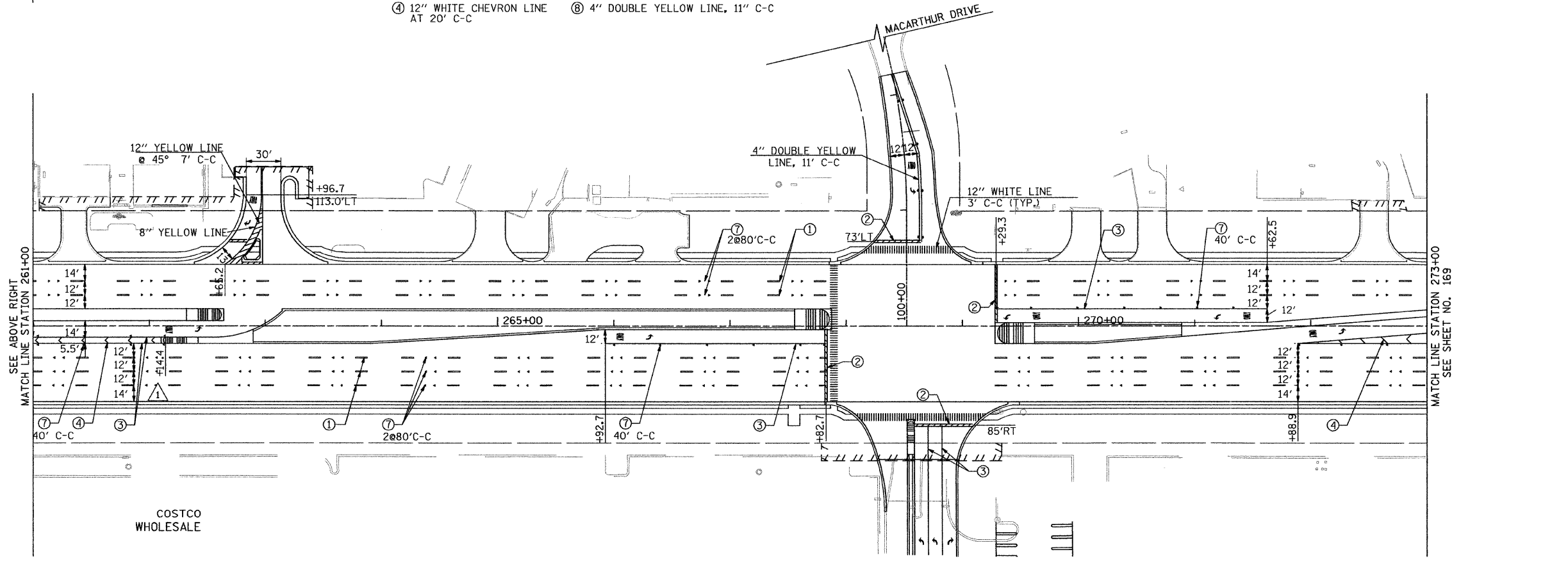
F.A.U. RTE. 1453	SECTION 55WRS	COUNTY	TOTAL SHEETS 362	SHEET NO. 167
CONTRACT NO. 60D12				

FED. ROAD DIST. NO. 7 ILLINOIS FED. AID PROJECT  
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PMK02



- STRIPING LEGEND**
- ① 4" WHITE LANE LINE
  - ② 24" WHITE LINE
  - ③ 6" WHITE LINE
  - ④ 12" WHITE CHEVRON LINE AT 20' C-C
  - ⑤ 6" WHITE LINE (2' DASH 6' SKIP)
  - ⑥ 8" WHITE LINE
  - ⑦ ONE WAY CRYSTAL MARKER
  - ⑧ 4" DOUBLE YELLOW LINE, 11" C-C



FILE NAME = P:\2007\ME87981\_22nd\_Street\Cadd\Supp3\0168012-SHT-PMK03.dgn  
 USER NAME = MILLENNIA\_ENGINEERING



200 22ND Street, Suite 216, Lombard, IL 60148  
 630.785.9110 voice, 630.833.2566 fax  
 www.millenniaeng.com  
**MILLENNIA ENGINEERING**

DESIGNED - TVN	REVISED -
DRAWN - TVN	REVISED -
CHECKED - RPD	REVISED -
DATE - 04/01/2010	REVISED -

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

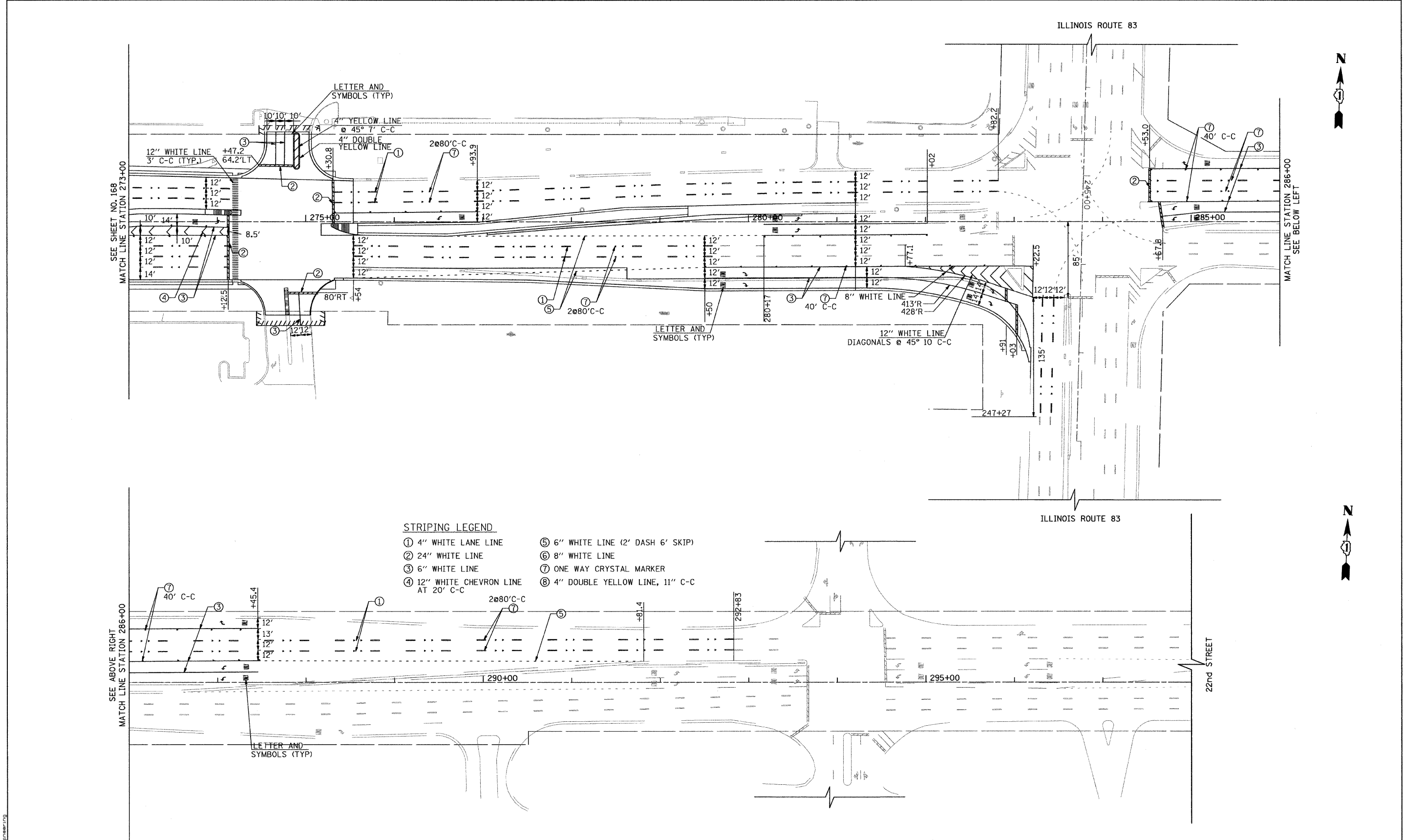
**22nd STREET PAVEMENT MARKING PLAN**

SCALE: 1"=50' SHEET NO.168 OF 362 SHEETS STA. 248+00 TO STA. 273+00

F.A.U. RTE. 1453	SECTION 55WRS	COUNTY DUPAGE	TOTAL SHEETS 362	SHEET NO. 168
CONTRACT NO. 60D12				

FED. ROAD DIST. NO. 7 ILLINOIS FED. AID PROJECT  
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PMK03



- STRIPING LEGEND**
- ① 4" WHITE LANE LINE
  - ② 24" WHITE LINE
  - ③ 6" WHITE LINE
  - ④ 12" WHITE CHEVRON LINE AT 20' C-C
  - ⑤ 6" WHITE LINE (2' DASH 6' SKIP)
  - ⑥ 8" WHITE LINE
  - ⑦ ONE WAY CRYSTAL MARKER
  - ⑧ 4" DOUBLE YELLOW LINE, 11" C-C

P:\2007\VE07081\_22nd\_Street\Cadd\Supp\3DIB6012-SHT-PMK04.DGN  
 FILE NAME =  
 USER NAME =  
 MILLENNIA ENGINEERING



200 22ND Street, Suite 216, Lombard, IL 60148  
 630.785.0110 voice, 630.839.2566 fax  
 www.millenniaeng.com  
**MILLENNIA ENGINEERING**

DESIGNED - TVN	REVISED -
DRAWN - TVN	REVISED -
CHECKED - RPD	REVISED -
DATE - 04/01/2010	REVISED -

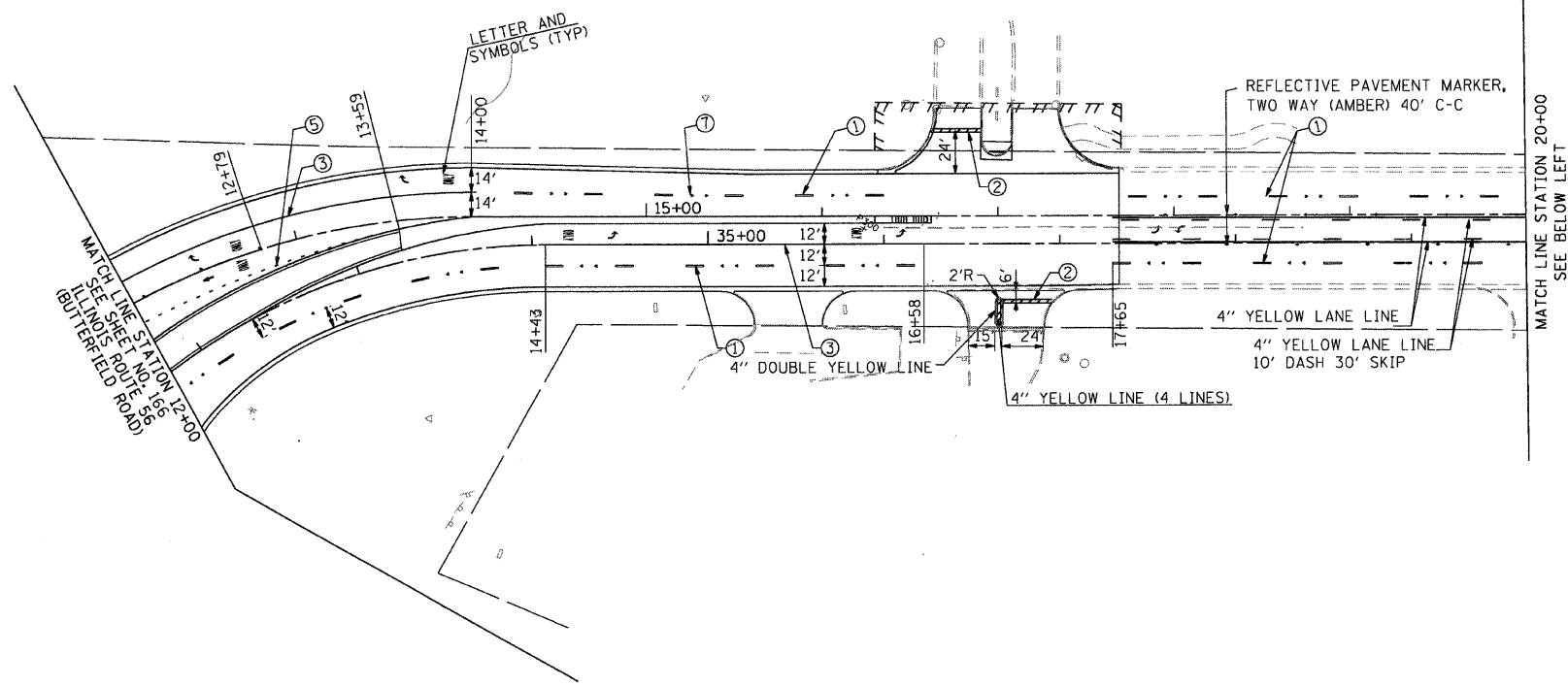
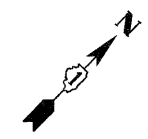
**STATE OF ILLINOIS**  
**DEPARTMENT OF TRANSPORTATION**

**22nd STREET PAVEMENT MARKING PLAN**

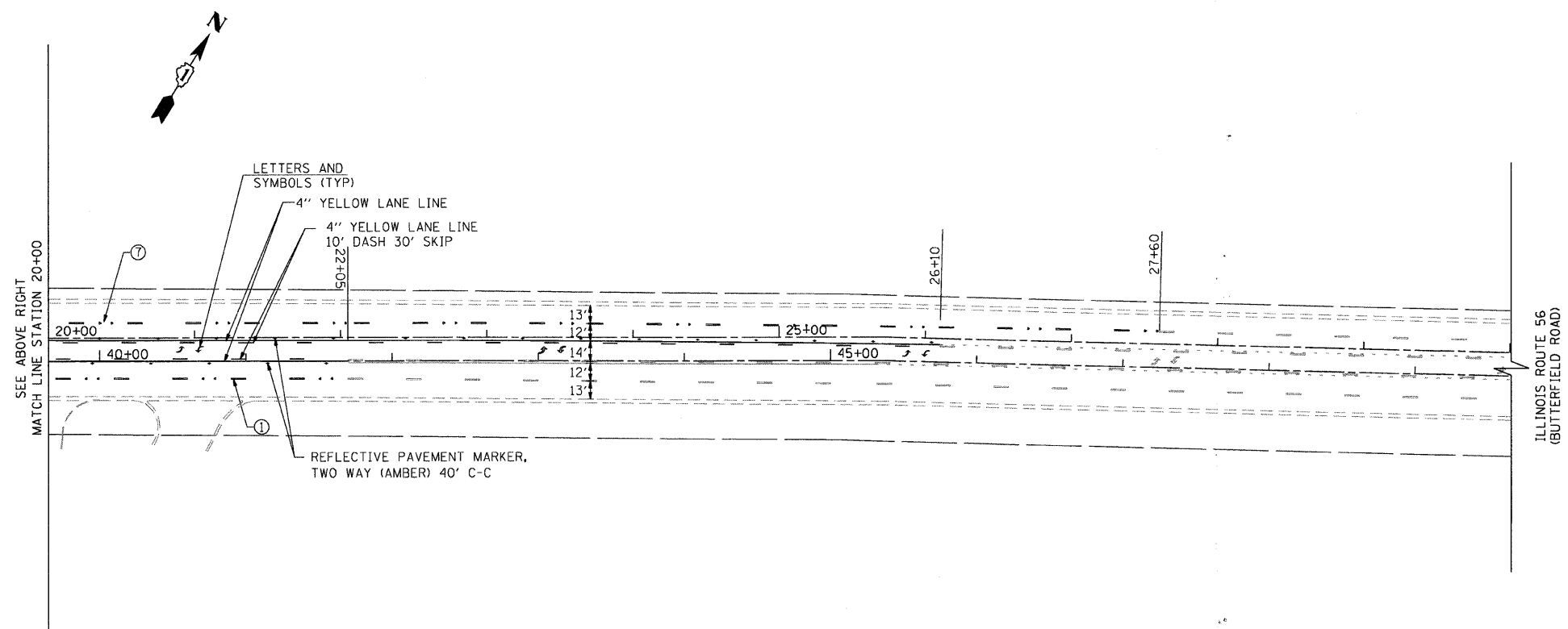
SCALE: 1"=50'    SHEET NO.169 OF 362 SHEETS    STA. 273+00    TO STA. 298+00

F.A.U. RTE. 1453	SECTION 55WRS	COUNTY	TOTAL SHEETS 362	SHEET NO. 169
FED. ROAD DIST. NO. 7 ILLINOIS		FED. AID PROJECT		
		CONTRACT NO. 60D12		

PMK04



- STRIPING LEGEND**
- ① 4" WHITE LANE LINE
  - ② 24" WHITE LINE
  - ③ 6" WHITE LINE
  - ④ 12" WHITE CHEVRON LINE AT 20' C-C
  - ⑤ 6" WHITE LINE (2' DASH 6' SKIP)
  - ⑥ 8" WHITE LINE
  - ⑦ ONE WAY CRYSTAL MARKER
  - ⑧ 4" DOUBLE YELLOW LINE, 11" C-C



FILE NAME : \\s0071\p07081\_22nd\_street\east\load\shs\0160012-SHT-PMK05-BUTTERFIELD.dgn  
 PLOT SCALE : 1/8"=1'-0"  
 USER NAME : Millennia\_Engineering


**MILLENNIA ENGINEERING**  
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DESIGNED - TVN	REVISED -
DRAWN - TVN	REVISED -
CHECKED - RPD	REVISED -
DATE - 7/24/2009	REVISED -

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

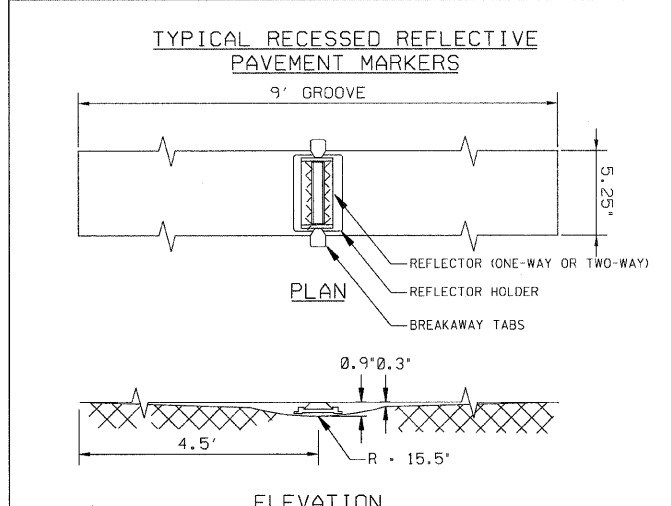
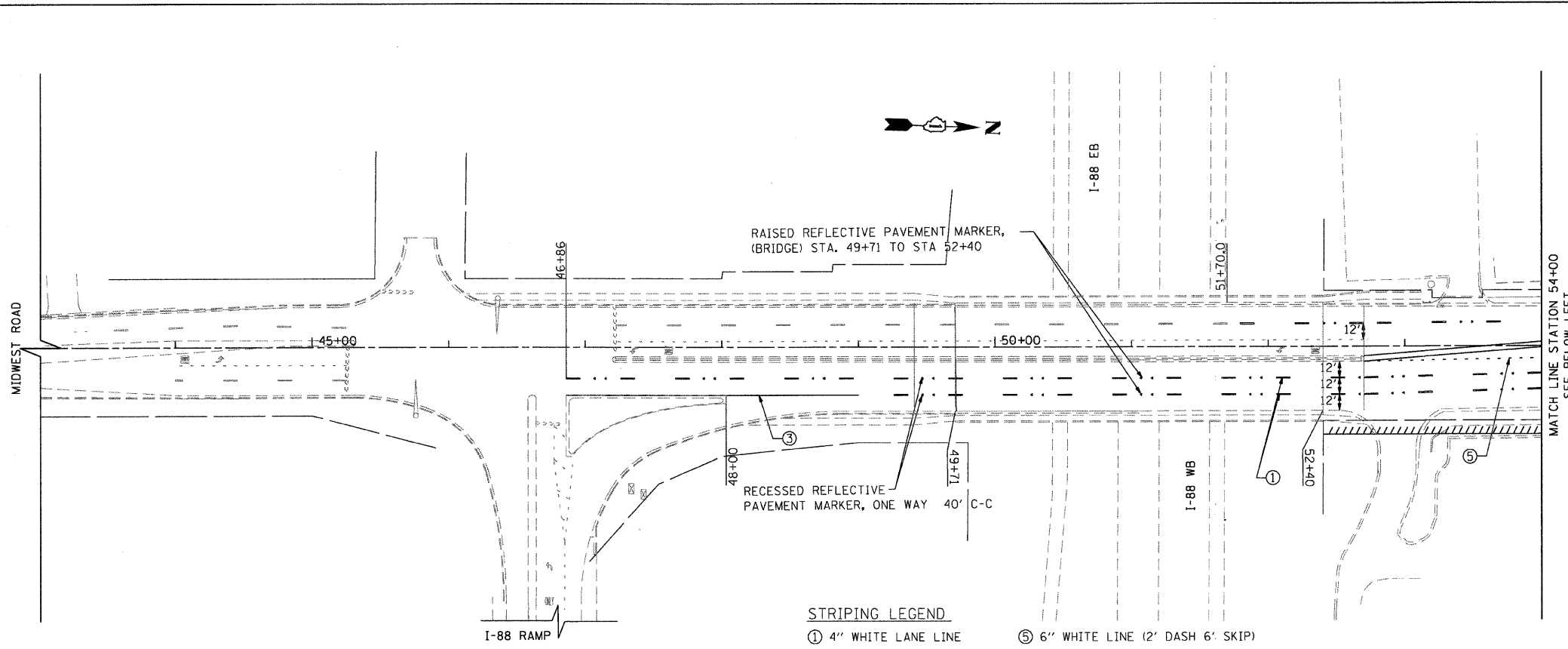
**ILLINOIS ROUTE 56 (BUTTERFIELD RD)**  
**PAVEMENT MARKING PLAN**

SCALE: 1"=50'    SHEET NO.170 OF 362 SHEETS    STA. 12+00 TO STA. 25+50

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1453	55WRS	DUPAGE	362	170
CONTRACT NO. 60D12				
FED. ROAD DIST. NO. 7 ILLINOIS FED. AID PROJECT				

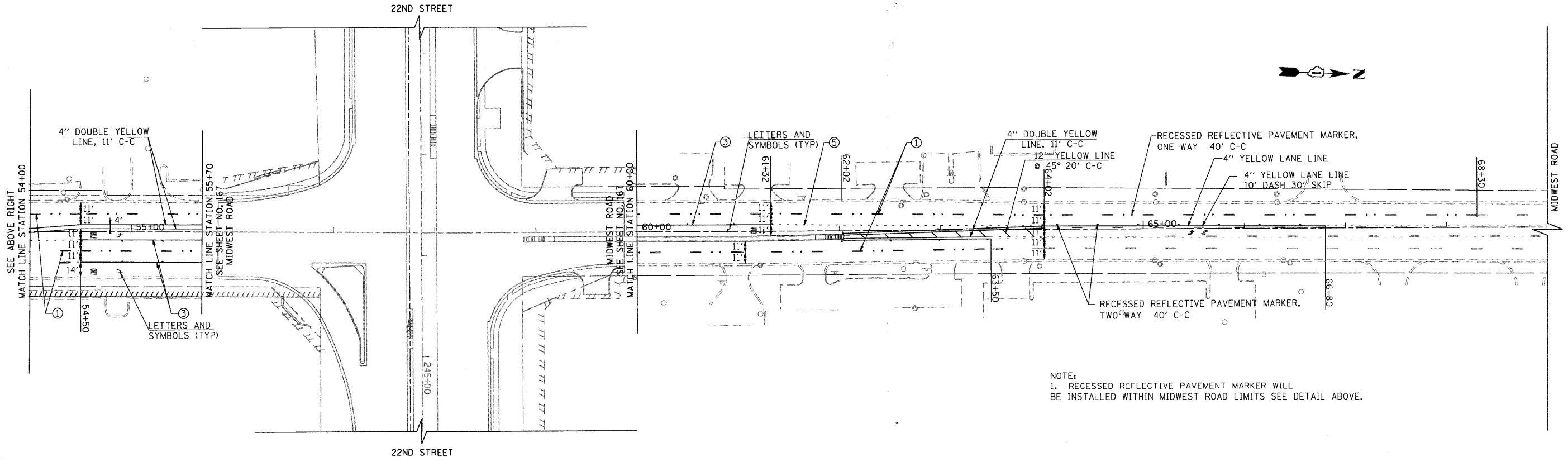
PMK05





- NOTES**
1. SAW CUT TO DIMENSIONS SHOWN.
  2. SAW CUT AREAS ARE TO BE DRY AND FREE OF MATERIAL THAT ADVERSELY AFFECTS THE ADHESIVE BOND.
  3. INSTALL THE REFLECTOR WITH AN APPROVED TWO-COMPONENT EPOXY ADHESIVE. EPOXY SHOULD NOT OBSCURE OR BLOCK THE LENS.
  4. REFLECTOR SHALL BE 3M SERIES 190 OR ENGINEER APPROVED EQUIVALENT.
  5. THE REFLECTOR HOLDER SHALL BE A MARKERONE SERIES R100 REFLECTOR HOLDER OR ENGINEER APPROVED EQUIVALENT.
  6. FOR 1-WAY MARKERS HEADING UPHILL, UPHILL GRIND TAPER MAY BE OMITTED.

- STRIPING LEGEND**
- |                                     |                                   |
|-------------------------------------|-----------------------------------|
| ① 4" WHITE LANE LINE                | ⑤ 6" WHITE LINE (2' DASH 6' SKIP) |
| ② 24" WHITE LINE                    | ⑥ 8" WHITE LINE                   |
| ③ 6" WHITE LINE                     | ⑦ ONE WAY CRYSTAL MARKER          |
| ④ 12" WHITE CHEVRON LINE AT 20' C-C | ⑧ 4" DOUBLE YELLOW LINE, 11' C-C  |



**NOTE:**  
1. RECESSED REFLECTIVE PAVEMENT MARKER WILL BE INSTALLED WITHIN MIDWEST ROAD LIMITS SEE DETAIL ABOVE.

FILE NAME: \\m07881\22nd\street\road\h\15\16\17\18\19\20\21\22\23\24\25\26\27\28\29\30\31\32\33\34\35\36\37\38\39\40\41\42\43\44\45\46\47\48\49\50\51\52\53\54\55\56\57\58\59\60\61\62\63\64\65\66\67\68\69\70\71\72\73\74\75\76\77\78\79\80\81\82\83\84\85\86\87\88\89\90\91\92\93\94\95\96\97\98\99\100\101\102\103\104\105\106\107\108\109\110\111\112\113\114\115\116\117\118\119\120\121\122\123\124\125\126\127\128\129\130\131\132\133\134\135\136\137\138\139\140\141\142\143\144\145\146\147\148\149\150\151\152\153\154\155\156\157\158\159\160\161\162\163\164\165\166\167\168\169\170\171\172\173\174\175\176\177\178\179\180\181\182\183\184\185\186\187\188\189\190\191\192\193\194\195\196\197\198\199\200\201\202\203\204\205\206\207\208\209\210\211\212\213\214\215\216\217\218\219\220\221\222\223\224\225\226\227\228\229\230\231\232\233\234\235\236\237\238\239\240\241\242\243\244\245\246\247\248\249\250\251\252\253\254\255\256\257\258\259\260\261\262\263\264\265\266\267\268\269\270\271\272\273\274\275\276\277\278\279\280\281\282\283\284\285\286\287\288\289\290\291\292\293\294\295\296\297\298\299\300\301\302\303\304\305\306\307\308\309\310\311\312\313\314\315\316\317\318\319\320\321\322\323\324\325\326\327\328\329\330\331\332\333\334\335\336\337\338\339\340\341\342\343\344\345\346\347\348\349\350\351\352\353\354\355\356\357\358\359\360\361\362\363\364\365\366\367\368\369\370\371\372\373\374\375\376\377\378\379\380\381\382\383\384\385\386\387\388\389\390\391\392\393\394\395\396\397\398\399\400\401\402\403\404\405\406\407\408\409\410\411\412\413\414\415\416\417\418\419\420\421\422\423\424\425\426\427\428\429\430\431\432\433\434\435\436\437\438\439\440\441\442\443\444\445\446\447\448\449\450\451\452\453\454\455\456\457\458\459\460\461\462\463\464\465\466\467\468\469\470\471\472\473\474\475\476\477\478\479\480\481\482\483\484\485\486\487\488\489\490\491\492\493\494\495\496\497\498\499\500\501\502\503\504\505\506\507\508\509\510\511\512\513\514\515\516\517\518\519\520\521\522\523\524\525\526\527\528\529\530\531\532\533\534\535\536\537\538\539\540\541\542\543\544\545\546\547\548\549\550\551\552\553\554\555\556\557\558\559\560\561\562\563\564\565\566\567\568\569\570\571\572\573\574\575\576\577\578\579\580\581\582\583\584\585\586\587\588\589\590\591\592\593\594\595\596\597\598\599\600\601\602\603\604\605\606\607\608\609\610\611\612\613\614\615\616\617\618\619\620\621\622\623\624\625\626\627\628\629\630\631\632\633\634\635\636\637\638\639\640\641\642\643\644\645\646\647\648\649\650\651\652\653\654\655\656\657\658\659\660\661\662\663\664\665\666\667\668\669\670\671\672\673\674\675\676\677\678\679\680\681\682\683\684\685\686\687\688\689\690\691\692\693\694\695\696\697\698\699\700\701\702\703\704\705\706\707\708\709\710\711\712\713\714\715\716\717\718\719\720\721\722\723\724\725\726\727\728\729\730\731\732\733\734\735\736\737\738\739\740\741\742\743\744\745\746\747\748\749\750\751\752\753\754\755\756\757\758\759\760\761\762\763\764\765\766\767\768\769\770\771\772\773\774\775\776\777\778\779\780\781\782\783\784\785\786\787\788\789\790\791\792\793\794\795\796\797\798\799\800\801\802\803\804\805\806\807\808\809\810\811\812\813\814\815\816\817\818\819\820\821\822\823\824\825\826\827\828\829\830\831\832\833\834\835\836\837\838\839\840\841\842\843\844\845\846\847\848\849\850\851\852\853\854\855\856\857\858\859\860\861\862\863\864\865\866\867\868\869\870\871\872\873\874\875\876\877\878\879\880\881\882\883\884\885\886\887\888\889\890\891\892\893\894\895\896\897\898\899\900\901\902\903\904\905\906\907\908\909\910\911\912\913\914\915\916\917\918\919\920\921\922\923\924\925\926\927\928\929\930\931\932\933\934\935\936\937\938\939\940\941\942\943\944\945\946\947\948\949\950\951\952\953\954\955\956\957\958\959\960\961\962\963\964\965\966\967\968\969\970\971\972\973\974\975\976\977\978\979\980\981\982\983\984\985\986\987\988\989\990\991\992\993\994\995\996\997\998\999\1000  
 PLOT SCALE: 1"=50'  
 USER NAME: Millennium Engineering


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**MILLENNIA ENGINEERING**

DESIGNED - TVN	REVISED -
DRAWN - TVN	REVISED -
CHECKED - RPD	REVISED -
DATE - 7/24/2009	REVISED -

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

**MIDWEST ROAD PAVEMENT MARKING PLAN**  
 SCALE: 1"=50' SHEET NO.171 OF 362 SHEETS STA. 41+00 TO STA. 65+00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS NO.
1453	55WRS	DUPAGE	362 171
FED. ROAD DIST. NO. 7 ILLINOIS FED. AID PROJECT			CONTRACT NO. 60D12

PMK06

pr:\2007\me07081.22nd.street\road\h\15\16\17\18\19\20\21\22\23\24\25\26\27\28\29\30\31\32\33\34\35\36\37\38\39\40\41\42\43\44\45\46\47\48\49\50\51\52\53\54\55\56\57\58\59\60\61\62\63\64\65\66\67\68\69\70\71\72\73\74\75\76\77\78\79\80\81\82\83\84\85\86\87\88\89\90\91\92\93\94\95\96\97\98\99\100\101\102\103\104\105\106\107\108\109\110\111\112\113\114\115\116\117\118\119\120\121\122\123\124\125\126\127\128\129\130\131\132\133\134\135\136\137\138\139\140\141\142\143\144\145\146\147\148\149\150\151\152\153\154\155\156\157\158\159\160\161\162\163\164\165\166\167\168\169\170\171\172\173\174\175\176\177\178\179\180\181\182\183\184\185\186\187\188\189\190\191\192\193\194\195\196\197\198\199\200\201\202\203\204\205\206\207\208\209\210\211\212\213\214\215\216\217\218\219\220\221\222\223\224\225\226\227\228\229\230\231\232\233\234\235\236\237\238\239\240\241\242\243\244\245\246\247\248\249\250\251\252\253\254\255\256\257\258\259\260\261\262\263\264\265\266\267\268\269\270\271\272\273\274\275\276\277\278\279\280\281\282\283\284\285\286\287\288\289\290\291\292\293\294\295\296\297\298\299\300\301\302\303\304\305\306\307\308\309\310\311\312\313\314\315\316\317\318\319\320\321\322\323\324\325\326\327\328\329\330\331\332\333\334\335\336\337\338\339\340\341\342\343\344\345\346\347\348\349\350\351\352\353\354\355\356\357\358\359\360\361\362\363\364\365\366\367\368\369\370\371\372\373\374\375\376\377\378\379\380\381\382\383\384\385\386\387\388\389\390\391\392\393\394\395\396\397\398\399\400\401\402\403\404\405\406\407\408\409\410\411\412\413\414\415\416\417\418\419\420\421\422\423\424\425\426\427\428\429\430\431\432\433\434\435\436\437\438\439\440\441\442\443\444\445\446\447\448\449\450\451\452\453\454\455\456\457\458\459\460\461\462\463\464\465\466\467\468\469\470\471\472\473\474\475\476\477\478\479\480\481\482\483\484\485\486\487\488\489\490\491\492\493\494\495\496\497\498\499\500\501\502\503\504\505\506\507\508\509\510\511\512\513\514\515\516\517\518\519\520\521\522\523\524\525\526\527\528\529\530\531\532\533\534\535\536\537\538\539\540\541\542\543\544\545\546\547\548\549\550\551\552\553\554\555\556\557\558\559\560\561\562\563\564\565\566\567\568\569\570\571\572\573\574\575\576\577\578\579\580\581\582\583\584\585\586\587\588\589\590\591\592\593\594\595\596\597\598\599\600\601\602\603\604\605\606\607\608\609\610\611\612\613\614\615\616\617\618\619\620\621\622\623\624\625\626\627\628\629\630\631\632\633\634\635\636\637\638\639\640\641\642\643\644\645\646\647\648\649\650\651\652\653\654\655\656\657\658\659\660\661\662\663\664\665\666\667\668\669\670\671\672\673\674\675\676\677\678\679\680\681\682\683\684\685\686\687\688\689\690\691\692\693\694\695\696\697\698\699\700\701\702\703\704\705\706\707\708\709\710\711\712\713\714\715\716\717\718\719\720\721\722\723\724\725\726\727\728\729\730\731\732\733\734\735\736\737\738\739\740\741\742\743\744\745\746\747\748\749\750\751\752\753\754\755\756\757\758\759\760\761\762\763\764\765\766\767\768\769\770\771\772\773\774\775\776\777\778\779\780\781\782\783\784\785\786\787\788\789\790\791\792\793\794\795\796\797\798\799\800\801\802\803\804\805\806\807\808\809\810\811\812\813\814\815\816\817\818\819\820\821\822\823\824\825\826\827\828\829\830\831\832\833\834\835\836\837\838\839\840\841\842\843\844\845\846\847\848\849\850\851\852\853\854\855\856\857\858\859\860\861\862\863\864\865\866\867\868\869\870\871\872\873\874\875\876\877\878\879\880\881\882\883\884\885\886\887\888\889\890\891\892\893\894\895\896\897\898\899\900\901\902\903\904\905\906\907\908\909\910\911\912\913\914\915\916\917\918\919\920\921\922\923\924\925\926\927\928\929\930\931\932\933\934\935\936\937\938\939\940\941\942\943\944\945\946\947\948\949\950\951\952\953\954\955\956\957\958\959\960\961\962\963\964\965\966\967\968\969\970\971\972\973\974\975\976\977\978\979\980\981\982\983\984\985\986\987\988\989\990\991\992\993\994\995\996\997\998\999\1000

EXISTING SIGN NUMBER	PANEL DESCRIPTION	SIGN SUPPORT	STATION	OFFSET	ACTION
22ND STREET (STA 205+00 TO STA 224+00)					
E1-1	TRANS AM PLAZA DR & BUTTERFIELD ROAD (MUNICIPAL SIGN)	POST MOUNTED (GROUND)	207+00	58.4' LT	SIGN TO REMAIN
E1-2	PACE BUS STOP	POST MOUNTED (GROUND)	207+29	55.3' LT	SIGN TO REMAIN
E1-3	EAST, ILLINOIS 56, BUTTERFIELD RD, LEFT LANE	MOUNTED ON SIGNAL POST	207+56	52.9' RT	SIGN TO REMAIN
E1-4	EAST, ILLINOIS 56, LEFT ARROW	POST MOUNTED (GROUND)	208+63	52.4' RT	SEE NOTE 1
E1-5	SPEED LIMIT 45	POST MOUNTED (GROUND)	211+02	59.8' LT	SIGN TO REMAIN
E2-1	ADOPT A HIGHWAY & KEEP ILLINOIS CLEAN (SHARED POST)	POST MOUNTED (GROUND)	212+55	56.5' LT	SEE NOTE 1
E2-2	EAST, ILLINOIS 56, LEFT ARROW	POST MOUNTED (GROUND)	212+75	50.2' RT	SEE NOTE 1
E2-3	22ND STREET, STRAIGHT ARROW	POST MOUNTED (GROUND)	212+75	54.2' RT	SEE NOTE 1
E2-4	WEST ILLINOIS 56	POST MOUNTED (GROUND)	213+32	59.3' LT	SEE NOTE 1
E2-5	PACE BUS STOP, WITH SIGNAL BEACON	POST MOUNTED (GROUND)	213+83	51.2' RT	TO BE REMOVED AND REPLACED BY OTHERS
E2-6	ILLINOIS 56, STRAIGHT & RIGHT ARROW	MOUNTED ON SIGNAL POST	215+18	45' LT	TO BE RE-ERECTED ON NEW SIGNAL POST, SEE NOTE 1
E2-7	KEEP RIGHT (RAISED MEDIAN) ARROW (SHARED POST, WEST SIDE)	POST MOUNTED (MEDIAN)	215+29	6.0' RT	TO BE REMOVED
E2-8	LEFT "ONLY" ARROW (SHARED POST, EAST SIDE)	POST MOUNTED (MEDIAN)	215+29	6.0' RT	TO BE REMOVED
E2-9	SPEED LIMIT 40	POST MOUNTED (GROUND)	216+20	51.9' RT	SEE NOTE 1
E2-10	PACE BUS STOP, WITH SIGNAL BEACON	POST MOUNTED (GROUND)	216+42	39.4' LT	TO BE REMOVED AND REPLACED BY OTHERS
E2-11	LANE MERGE	POST MOUNTED (GROUND)	218+64	61.8' RT	TO BE REMOVED
E2-12	STOP SIGN	POST MOUNTED (GROUND)	219+05	72.9' LT	SEE NOTE 1
E2-13	PACE BUS STOP, WITH SIGNAL BEACON (NEXT TO PACE BUS SHELTER)	POST MOUNTED (GROUND)	219+46	55.6' RT	TO BE REMOVED AND REPLACED BY OTHERS
E2-14	PACE BUS STOP	POST MOUNTED (GROUND)	220+04	40.3' LT	TO BE REMOVED AND REPLACED BY OTHERS
E2-15	ADOPT A HIGHWAY & CLEANUP CREW WORKING (SHARED POST)	POST MOUNTED (GROUND)	220+80	50.6' RT	SEE NOTE 1
E2-16	JCT ILLINOIS 56	POST MOUNTED (GROUND)	221+62	41.3' LT	SEE NOTE 1
E2-17	STOP SIGN	POST MOUNTED (GROUND)	222+35	62.5' RT	SEE NOTE 1
E2-18	NO THRU TRAFFIC	POST MOUNTED (GROUND)	222+77	51.6' LT	SEE NOTE 1
E2-19	CHEVRON ARROW	POST MOUNTED (GROUND)	222+89	51.1' RT	TO BE REMOVED
22ND STREET (STA 224+00 TO STA 248+00)					
E3-1	CHEVRON ARROW	POST MOUNTED (GROUND)	224+38	47.9' RT	TO BE REMOVED
E3-2	CHEVRON ARROW	POST MOUNTED (GROUND)	225+81	45.0' RT	TO BE REMOVED
E3-3	STOP SIGN	POST MOUNTED (GROUND)	226+65	45.3' RT	SEE NOTE 1
E3-4	SPEED LIMIT 40	POST MOUNTED (GROUND)	228+12	40.8' LT	SEE NOTE 1
E3-5	PACE BUS STOP	POST MOUNTED (GROUND)	228+57	39.7' RT	TO BE REMOVED AND REPLACED BY OTHERS
E3-6	STOP SIGN	POST MOUNTED (GROUND)	228+70	47.8' LT	SEE NOTE 1
E3-7	TOWER DR, 22ND ST (MUNICIPAL STREET SIGN)	POST MOUNTED (GROUND)	228+81	50.9' RT	SEE NOTE 1
E3-8	NO PARKING HERE TO CORNER	POST MOUNTED (GROUND)	228+88	85.3' RT	SEE NOTE 1
E3-9	STOP SIGN	POST MOUNTED (GROUND)	229+39	48.1' RT	SEE NOTE 1
E3-10	SPEED LIMIT 40	POST MOUNTED (GROUND)	229+66	41.9' RT	SEE NOTE 1
E3-11	PACE BUS STOP	POST MOUNTED (GROUND)	229+95	37.3' LT	TO BE REMOVED AND REPLACED BY OTHERS
E3-12	STOP SIGN	POST MOUNTED (GROUND)	232+54	60.8' RT	SEE NOTE 1
E4-1	STOP SIGN	POST MOUNTED (GROUND)	236+43	46.2' LT	SEE NOTE 1
E4-2	STOP SIGN	POST MOUNTED (GROUND)	238+18	54.6' RT	SEE NOTE 1
E4-3	NO LEFT TURN	POST MOUNTED (GROUND)	240+53	62.2' LT	TO BE REMOVED
E4-4	NO LEFT TURN	POST MOUNTED (PAV'T)	240+81	54.5' RT	TO BE REMOVED
E4-5	STOP SIGN	POST MOUNTED (GROUND)	240+98	65.9' RT	SEE NOTE 1
E4-6	RIGHT "ONLY" ARROW (SHARED POST)	POST MOUNTED (GROUND)	241+01	68.2' RT	TO BE REMOVED
E4-7	DO NOT ENTER (SHARED POST)	POST MOUNTED (GROUND)	241+01	68.2' RT	TO BE REMOVED
E4-8	SPEED LIMIT 40	POST MOUNTED (GROUND)	241+32	40.7' LT	SEE NOTE 1
E4-9	PACE BUS STOP, WITH SIGNAL BEACON	POST MOUNTED (GROUND)	241+55	51.3' RT	TO BE REMOVED AND REPLACED BY OTHERS
E4-10	RIGHT "ONLY" ARROW	POST MOUNTED (GROUND)	241+79	53.3' RT	TO BE REMOVED
E4-11	PACE BUS STOP, WITH SIGNAL BEACON	POST MOUNTED (GROUND)	242+17	39.6' LT	TO BE REMOVED AND REPLACED BY OTHERS
E4-12	LEFT "ONLY" ARROW (SHARED POST, WEST SIDE)	POST MOUNTED (MEDIAN)	242+86	6.3' LT	TO BE REMOVED
E4-13	KEEP RIGHT (RAISED MEDIAN) ARROW (SHARED POST, EAST SIDE)	POST MOUNTED (MEDIAN)	242+86	6.3' LT	TO BE REMOVED
E4-14	DUPAGE 15 COUNTY	MOUNTED ON SIGNAL POST	243+15	62.0' RT	TO BE RE-ERECTED ON NEW SIGNAL POST, SEE NOTE 1
E4-15	DUPAGE 15 COUNTY	MOUNTED ON SIGNAL POST	244+39	64.8' LT	TO BE RE-ERECTED ON NEW SIGNAL POST, SEE NOTE 1
E4-16	KEEP RIGHT (RAISED MEDIAN) ARROW (SHARED POST, WEST SIDE)	POST MOUNTED (MEDIAN)	244+57	5.8' RT	TO BE REMOVED
E4-17	LEFT "ONLY" ARROW (SHARED POST, EAST SIDE)	POST MOUNTED (MEDIAN)	244+57	5.8' RT	TO BE REMOVED
E4-18	ADDED LANE WARNING	POST MOUNTED (MEDIAN)	244+88	37.3' RT	SEE NOTE 1
E4-19	RIGHT "ONLY" ARROW	POST MOUNTED (GROUND)	245+65	50.2' LT	TO BE REMOVED
E4-20	SPEED LIMIT 40	POST MOUNTED (GROUND)	246+73	51.7' RT	SEE NOTE 1
22ND STREET (STA 248+00 TO STA 273+00)					
E5-1	STOP SIGN (SHARED POST)	POST MOUNTED (GROUND)	250+13	61.2' RT	SEE NOTE 1
E5-2	NO LEFT TURN (SHARED POST)	POST MOUNTED (GROUND)	250+13	61.2' RT	TO BE REMOVED
E5-3	STOP SIGN	POST MOUNTED (GROUND)	251+66	61.2' LT	SEE NOTE 1
E5-4	PACE BUS STOP, WITH SIGNAL BEACON	POST MOUNTED (GROUND)	254+34	50.2' RT	TO BE REMOVED AND REPLACED BY OTHERS
E5-5	SPEED LIMIT 40	POST MOUNTED (GROUND)	254+49	40.2' LT	SEE NOTE 1
E5-6	SPEED LIMIT 40	POST MOUNTED (GROUND)	256+68	49.9' RT	SEE NOTE 1
E5-7	PACE BUS STOP	POST MOUNTED (GROUND)	256+77	37.9' LT	TO BE REMOVED AND REPLACED BY OTHERS
E5-8	STOP SIGN	POST MOUNTED (GROUND)	258+78	61.1' RT	SEE NOTE 1
E6-1	SPEED LIMIT 40	POST MOUNTED (GROUND)	266+90	40.6' LT	SEE NOTE 1

**NOTES:**

1. SIGN SHALL BE RE-ERECTED ACCORDING TO ARTICLE 107.25 OF THE STANDARD SPECIFICATION (PROTECTION AND RESTORATION OF TRAFFIC SIGNS).
2. ALL EXISTING PRIVATE SIGNS WITHIN THE STATE ROW THAT INTERFERE WITH CONSTRUCTION OPERATIONS WILL BE REMOVED AND REPLACED BY OTHERS. THE CONTRACTOR SHALL NOTIFY THE OWNERS PRIOR TO START OF CONSTRUCTION.
3. EXISTING SIGN PANEL AND ASSEMBLY TO BE REMOVED SHALL BE DELIVERED TO AN IDOT MAINTENANCE YARD SPECIFIED BY THE ENGINEER.

EXISTING SIGN NUMBER	PANEL DESCRIPTION	SIGN SUPPORT	STATION	OFFSET	ACTION
E6-2	NO U-TURN	POST MOUNTED (GROUND)	267+87	50.8' RT	TO BE REMOVED
E6-3	STOP SIGN (SHARED POST)	POST MOUNTED (GROUND)	268+25	51.3' LT	TO BE REMOVED
E6-4	NO LEFT TURN 7AM - 9AM, 4PM - 6PM (SHARED POST)	POST MOUNTED (GROUND)	268+25	51.3' LT	TO BE REMOVED AND RETURNED TO THE OAKBROOK TERRACE
E6-5	NO TRUCKS (SHARED POST)	POST MOUNTED (GROUND)	268+39	103.7' LT	TO BE REMOVED
E6-6	NO AXLE OVER 2 TONS GROSS WEIGHT 10 TONS (SHARED POST)	POST MOUNTED (GROUND)	268+39	103.7' LT	TO BE REMOVED
E6-7	EXCEPT LOCAL DELIVERIES (SHARED POST)	POST MOUNTED (GROUND)	268+39	103.7' LT	TO BE REMOVED
E6-8	KEEP RIGHT (RAISED MEDIAN) ARROW (SHARED POST)	POST MOUNTED (GROUND)	268+61	62.6' RT	TO BE REMOVED
E6-9	TRUCK DELIVERIES LEFT (SHARED POST)	POST MOUNTED (GROUND)	268+61	62.6' RT	TO BE REMOVED
E6-10	ALL NIGHT PARKING 1/2 FROM 2AM TO 5AM (SHARED POST, SOUTH SIDE)	POST MOUNTED (GROUND)	268+71	106.6' LT	TO BE REMOVED
E6-11	SPEED LIMIT 25 (SHARED POST, SOUTH SIDE)	POST MOUNTED (GROUND)	268+71	106.6' LT	TO BE REMOVED
E6-12	NO LEFT TURN 7AM - 9AM, 4PM - 6PM (SHARED POST, NORTH SIDE)	POST MOUNTED (GROUND)	268+71	106.6' LT	TO BE REMOVED
E6-13	MAC ARTHUR DRIVE, 22ND ST (MUNICIPAL SIGN)	POST MOUNTED (GROUND)	268+92	49' LT	TO BE REMOVED
E6-14	STOP SIGN	POST MOUNTED (GROUND)	269+01	64.1' RT	TO BE REMOVED
E6-15	PACE BUS STOP, WITH SIGNAL BEACON	POST MOUNTED (GROUND)	269+15	38.8' LT	TO BE REMOVED AND REPLACED BY OTHERS
E6-16	CHEVRON ARROW	POST MOUNTED (GROUND)	270+32	40.6' LT	TO BE REMOVED
E6-17	SPEED LIMIT 40	POST MOUNTED (GROUND)	270+77	50.8' RT	SEE NOTE 1
E6-18	CHEVRON ARROW	POST MOUNTED (GROUND)	271+76	45.1' LT	TO BE REMOVED
22ND STREET (STA 273+00 TO STA 283+00)					
E7-1	CHEVRON ARROW	POST MOUNTED (GROUND)	273+31	49.8' LT	TO BE REMOVED
E7-2	CHEVRON ARROW	POST MOUNTED (GROUND)	274+03	52.9' LT	TO BE REMOVED
E7-3	LEFT "ONLY" ARROW (SHARED POST, WEST SIDE)	POST MOUNTED (MEDIAN)	274+04	5.5' LT	TO BE REMOVED
E7-4	KEEP RIGHT (RAISED MEDIAN) ARROW (SHARED POST, EAST SIDE)	POST MOUNTED (MEDIAN)	274+04	5.5' LT	TO BE REMOVED
E7-5	NO U-TURN (SHARED POST, EAST SIDE)	POST MOUNTED (MEDIAN)	274+04	5.5' LT	TO BE REMOVED
E7-6	NO U-TURN	POST MOUNTED (MEDIAN)	274+90	68.7' LT	TO BE REMOVED
E7-7	LEFT, STRAIGHT, RIGHT ARROWS	POST MOUNTED (GROUND)	275+10	104.2' RT	SEE NOTE 1
E7-8	LEFT "ONLY" ARROW (SHARED POST, EAST SIDE)	POST MOUNTED (MEDIAN)	275+49	8.5' RT	TO BE REMOVED
E7-9	NO U-TURN (SHARED POST, EAST SIDE)	POST MOUNTED (MEDIAN)	275+49	8.5' RT	TO BE REMOVED
E7-10	LANE MERGE	MOUNTED ON LIGHT POLE	276+22	55.3' LT	TO BE REMOVED
E7-11	JCT ILLINOIS 83	MOUNTED ON LIGHT POLE	276+22	58.8' RT	TO BE RE-ERECTED ON NEW LIGHT POST, SEE NOTE 1
E7-12	TOLLWAY EAST	MOUNTED ON LIGHT POLE	277+57	66.4' RT	TO BE RE-ERECTED ON NEW LIGHT POST, SEE NOTE 1
E7-13	RIGHT "ONLY" ARROW	POST MOUNTED (GROUND)	279+81	70.3' RT	SIGN TO REMAIN
E7-14	ADOPT A HIGHWAY	MOUNTED ON LIGHT POLE	280+37	64.2' LT	TO BE RE-ERECTED ON NEW LIGHT POST, SEE NOTE 1
E7-15	KEEP ILLINOIS CLEAN	MOUNTED ON LIGHT POLE	280+37	64.2' LT	TO BE RE-ERECTED ON NEW LIGHT POST, SEE NOTE 1
E7-16	SPEED LIMIT 40	POST MOUNTED (GROUND)	280+70	65.9' LT	SIGN TO REMAIN
E7-17	DUAL LEFT ONLY ARROWS	POST MOUNTED (MEDIAN)	281+26	14.9' LT	SIGN TO REMAIN
E7-18	SPEED LIMIT 45	MOUNTED ON LIGHT POLE	281+71	64.6' LT	TO BE RE-ERECTED ON NEW LIGHT POST, SEE NOTE 1
E7-19	ILLINOIS 83, LEFT & RIGHT ARROW	MOUNTED ON LIGHT POLE	281+72	69.9' RT	TO BE RE-ERECTED ON NEW LIGHT POST, SEE NOTE 1
E7-20	DUAL LEFT ONLY ARROWS (SHARED POST)	POST MOUNTED (MEDIAN)	282+77	17.7' LT	SIGN TO REMAIN
E7-21	NO U-TURN (SHARED POST)	POST MOUNTED (MEDIAN)	282+77	17.7' LT	SIGN TO REMAIN
ILLINOIS ROUTE 56 (BUTTERFIELD ROAD) LTBL (STA 10+00 TO STA 17+68.8)					
E8-1	ILLINOIS 56, RIGHT ARROW	POST MOUNTED (MEDIAN)	10+41	23.9' LT	SEE NOTE 1
E8-2	ADDED LANE WARNING (SHARED POST)	POST MOUNTED (GROUND)	11+01	22' LT	TO BE REMOVED
E8-3	DO NOT STOP ON RIGHT TURN (SHARED POST)	POST MOUNTED (GROUND)	11+01	22' LT	TO BE REMOVED
E8-4	CHEVRON ARROW	POST MOUNTED (GROUND)	11+40	23.8' LT	SEE NOTE 1
E8-5	CHEVRON ARROW	POST MOUNTED (GROUND)	11+90	25' LT	SEE NOTE 1
E8-6	CHEVRON ARROW	POST MOUNTED (GROUND)	12+39	24.7' LT	SEE NOTE 1
E8-7	CHEVRON ARROW	POST MOUNTED (GROUND)	12+77	28.5' LT	SEE NOTE 1
E8-8	CHEVRON ARROW	POST MOUNTED (GROUND)	13+30	28.8' LT	SEE NOTE 1
E8-9	KEEP RIGHT (RAISED MEDIAN) ARROW	POST MOUNTED (MEDIAN)	14+20	5.1' RT	TO BE REMOVED
E8-10	RIGHT TURN LANE, WARNING FIBER OPTIC CABLE	POST MOUNTED (GROUND)	14+57	32.5' LT	TO BE REMOVED
E8-11	WEST ILLINOIS 56 RIGHT LANE	POST MOUNTED (GROUND)	15+88	34.5' LT	SEE NOTE 1
E8-16	STOP SIGN	POST MOUNTED (GROUND)	16+60	30.1' RT	SIGN TO REMAIN
E8-18	RENAISSANCE BLVD (STREET SIGN)	POST MOUNTED (GROUND)	17+00	47' LT	SIGN TO REMAIN
ILLINOIS ROUTE 56 (BUTTERFIELD ROAD) RIGHT BASELINE (STA 30+00 TO STA 37+33.72)					
E8-12	EAST ILLINOIS 56	POST MOUNTED (GROUND)	33+02	34.4' RT	SEE NOTE 1
E8-13	OAKBROOK TERRACE, SPEED LIMIT 40 (SHARED POST)	POST MOUNTED (GROUND)	33+66	32.2' RT	SEE NOTE 1
E8-14	ADOPT A HIGHWAY (SHARED POST)	POST MOUNTED (GROUND)	36+13	30.1' RT	SEE NOTE 1
E8-15	KEEP ILLINOIS CLEAN (SHARED POST)	POST MOUNTED (GROUND)	36+13	30.1' RT	SEE NOTE 1
E8-17	STOP SIGN	POST MOUNTED (GROUND)	36+96	37.1' LT	SIGN TO REMAIN
MIDWEST ROAD (STA 55+85.91 TO STA 37+33.72)					
E9-1	SLIPPERY WHEN WET WARNING	POST MOUNTED (GROUND)	56+13	41.2' LT	SEE NOTE 1
E9-2	SPEED LIMIT 35, NO PARKING (SHARED POST)	POST MOUNTED (GROUND)	56+13	37.3' LT	SEE NOTE 1
E9-3	ONE WAY ONLY	POST MOUNTED (GROUND)	59+61	7.2' RT	SEE NOTE 1
E9-4	SPEED LIMIT (SHARED POST)	POST MOUNTED (GROUND)	60+15	41.1' RT	SIGN TO REMAIN
E9-5	NO PARKING (SHARED POST)	POST MOUNTED (GROUND)	60+15	41.1' RT	SIGN TO REMAIN
E9-6	CHICAGO LEFT, ROUTE 53 RIGHT	POST MOUNTED (GROUND)	60+87	40.2' LT	SIGN TO REMAIN
E9-7	ONE WAY ONLY	POST MOUNTED (GROUND)	60+84	6' RT	SEE NOTE 1
E9-8	DO NOT ENTER (SHARED POST)	POST MOUNTED (GROUND)	62+85	38' RT	SIGN TO REMAIN
E9-9	STOP SIGN	POST MOUNTED (GROUND)	63+93	38' RT	SIGN TO REMAIN

P:\2007\ME07081\22nd.Street\Cadd\Supp3\0168012-SHT-SIGN\_SCHED.dgn  
 FILE NAME =  
 USER NAME =  
 MILLENNIA ENGINEERING

300 22nd Street, Suite 216, Lombard, IL 60148  
 630.705.0110 voice, 630.839.2566 fax  
 www.millenniaeng.com  
**MILLENNIA ENGINEERING**

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DRAWN	- TVN	REVISED	-
CHECKED	- RPD	REVISED	-
DATE	- 04/01/2010	REVISED	-

**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

**22nd STREET EXISTING SIGN SCHEDULE**

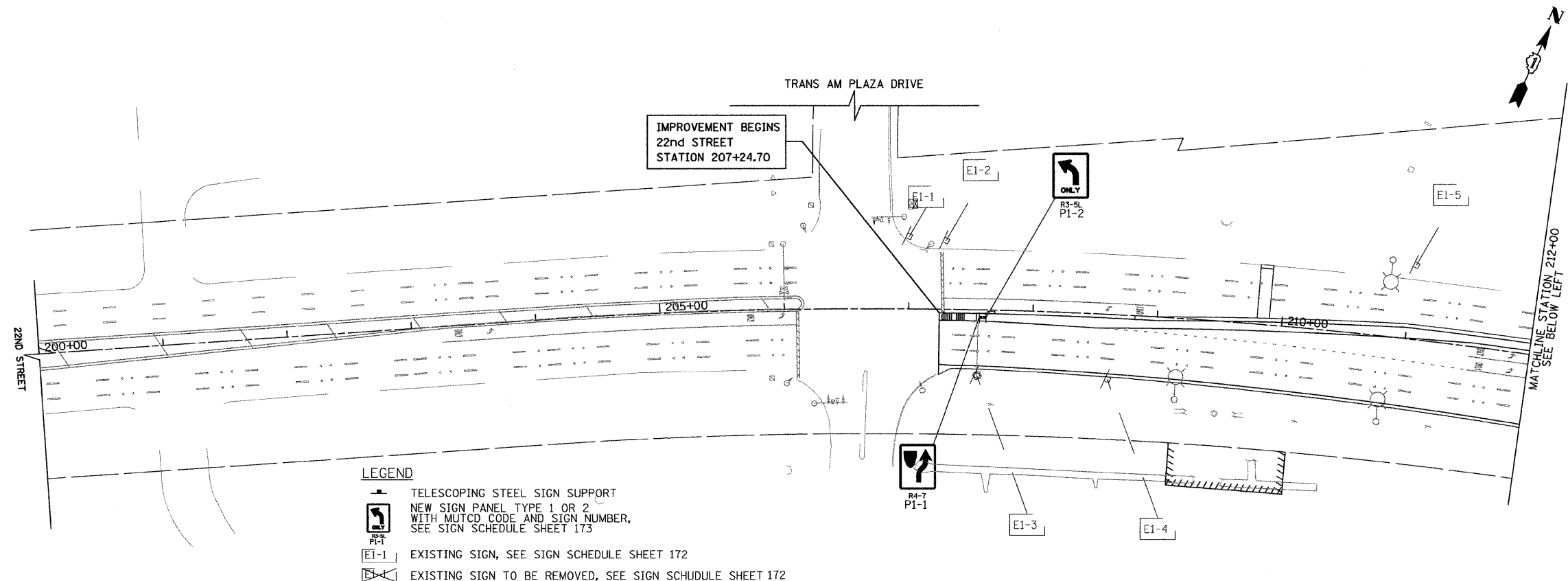
SCALE: N/A SHEET NO. 172 OF 362 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1453	55WRS	DUPAGE	362	172

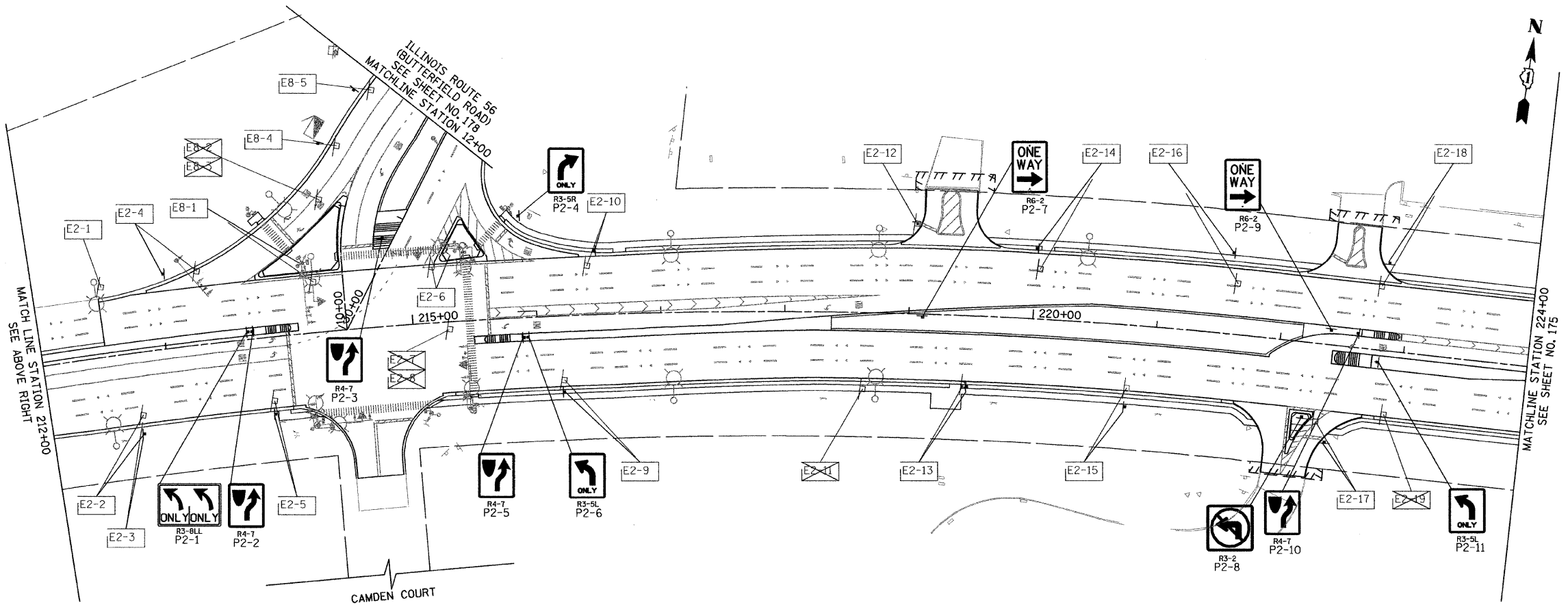
CONTRACT NO. 60D12

FED. ROAD DIST. NO. 7 ILLINOIS FED. AID PROJECT  
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- LEGEND**
- TELESCOPING STEEL SIGN SUPPORT
  - NEW SIGN PANEL TYPE 1 OR 2 WITH MUTCD CODE AND SIGN NUMBER, SEE SIGN SCHEDULE SHEET 173
  - EXISTING SIGN, SEE SIGN SCHEDULE SHEET 172
  - EXISTING SIGN TO BE REMOVED, SEE SIGN SCHEDULE SHEET 172



FILE NAME = P:\2007\ME07081\_22nd\_Street\Cadd\Supp3\0160012-SHT-SIGN01.dgn  
 USER NAME = MILLENNIA ENGINEERING

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DRAWN - TVN	REVISED -
CHECKED - RPD	REVISED -
DATE - 04/01/2010	REVISED -

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

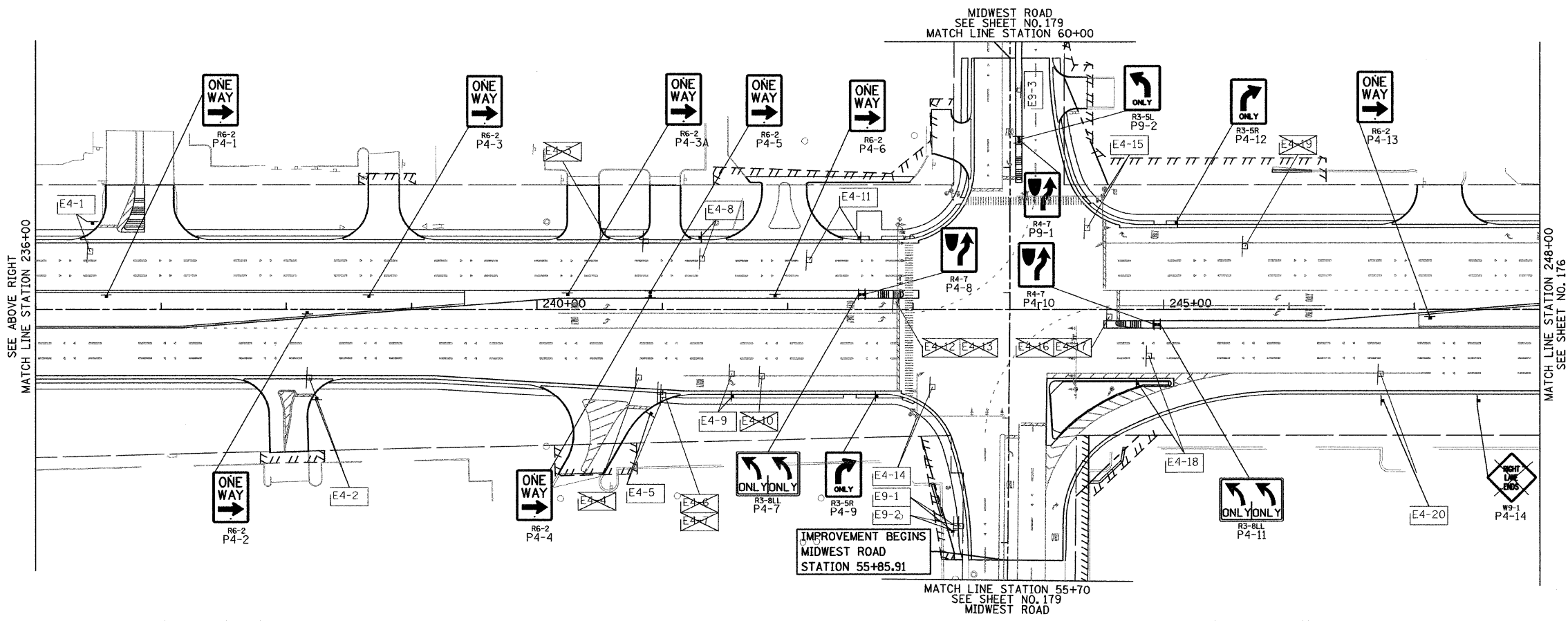
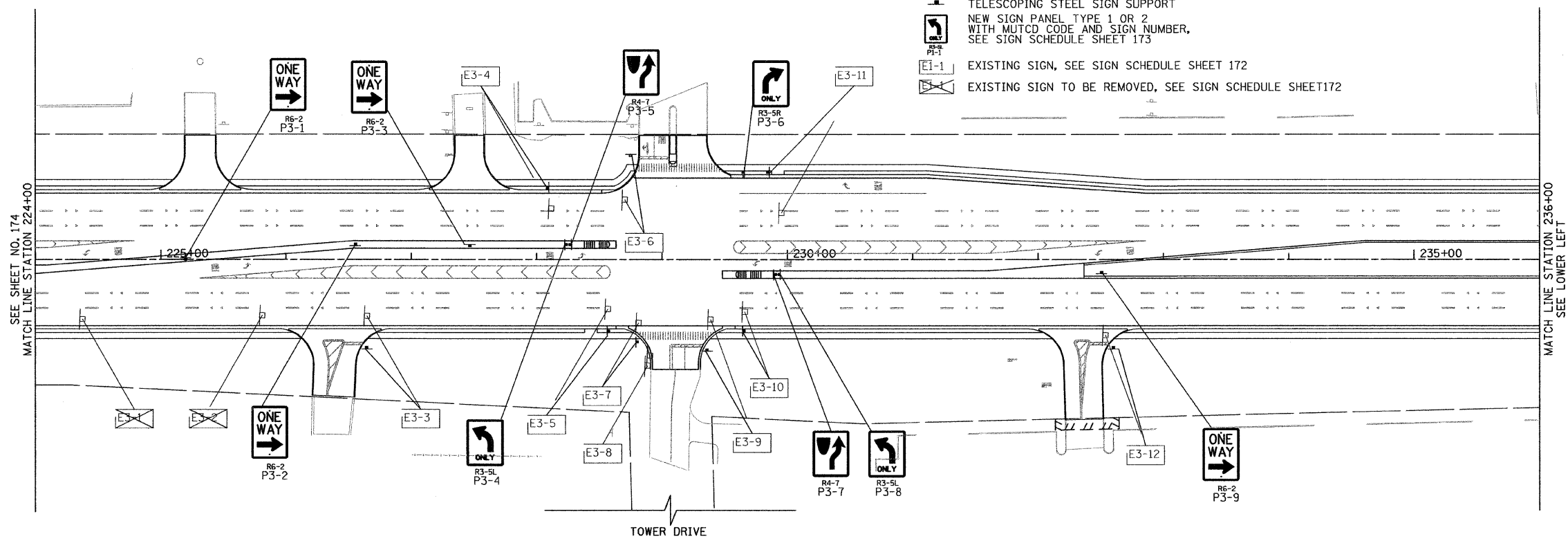
**22nd STREET SIGNING PLAN**  
 SCALE: 1"=50'    SHEET NO.174 OF 362 SHEETS    STA. 200+00    TO STA. 224+00

F.A.J. RTE. 1453	SECTION 55WRS	COUNTY	TOTAL SHEETS 362	SHEET NO. 174
FED. ROAD DIST. NO. 7 ILLINOIS FED. AID PROJECT		CONTRACT NO. 60D12		

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**LEGEND**

- TELESCOPING STEEL SIGN SUPPORT
- NEW SIGN PANEL TYPE 1 OR 2 WITH MUTCD CODE AND SIGN NUMBER, SEE SIGN SCHEDULE SHEET 173
- EXISTING SIGN, SEE SIGN SCHEDULE SHEET 172
- EXISTING SIGN TO BE REMOVED, SEE SIGN SCHEDULE SHEET 172



FILE NAME = P:\2007\ME07881\_22nd\_Street\Cadd\Supp3\0168012-SHT-SIGNR2.dgn  
 USER NAME = J.MILLER  
 USER TITLE = MILLENNIA ENGINEERING

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DESIGNED - TVN	REVISED -
DRAWN - TVN	REVISED -
CHECKED - RPD	REVISED -
DATE - 04/01/2010	REVISED -

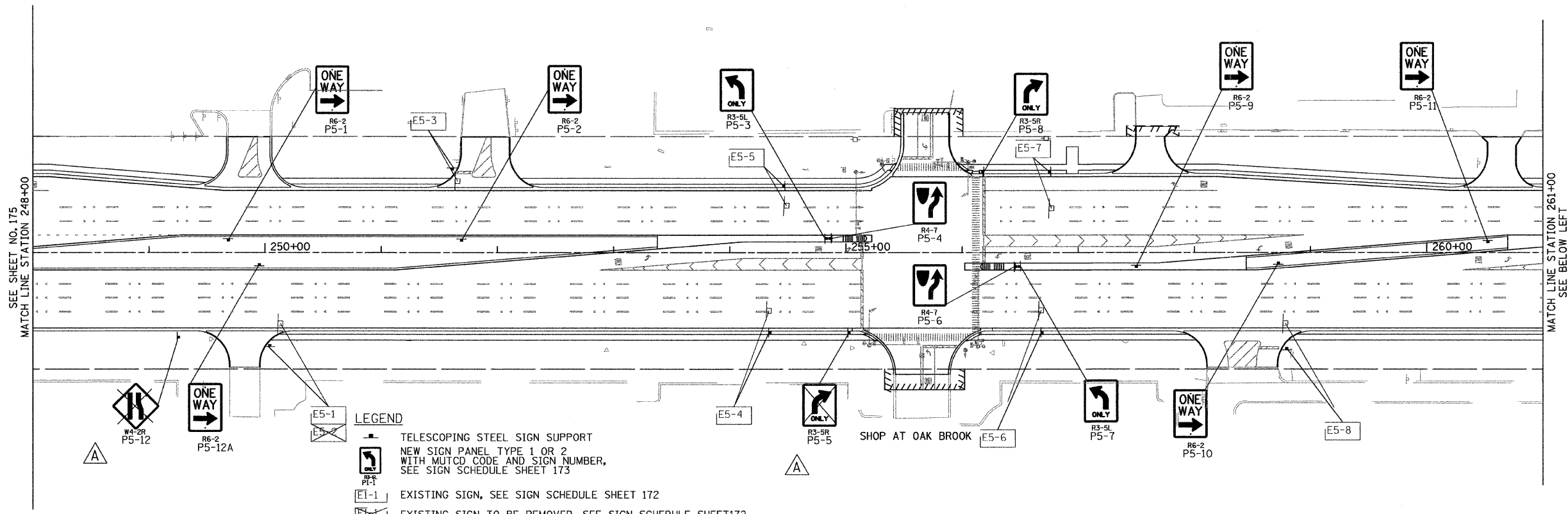
**STATE OF ILLINOIS**  
**DEPARTMENT OF TRANSPORTATION**

**22nd STREET SIGNING PLAN**  
 SCALE: 1"=50' SHEET NO.175 OF 362 SHEETS STA. 224+00 TO STA. 248+00

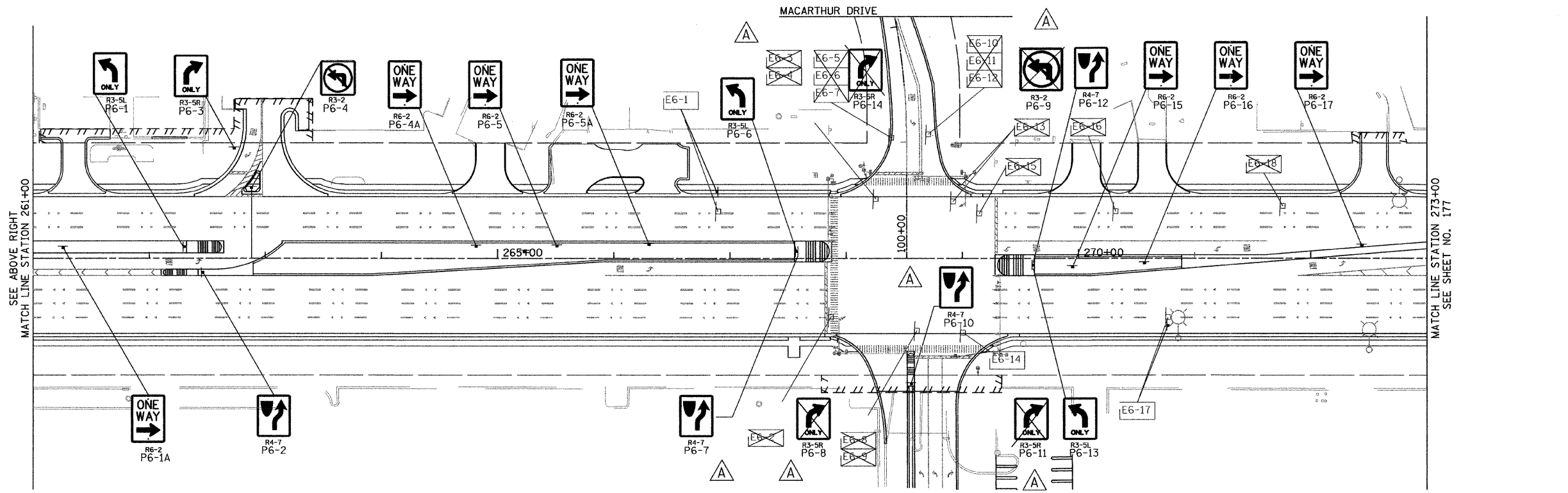
F.A.U. RTE. 1453	SECTION 55WRS	COUNTY	TOTAL SHEETS 362	SHEET NO. 175
CONTRACT NO. 60D12				

FED. ROAD DIST. NO. 7 ILLINOIS FED. AID PROJECT  
 P:\2007\ME07881\_22nd\_Street\Cadd\Supp3\0168012-SHT-SIGNR2.dgn

SIGN02



- LEGEND**
- TELESCOPING STEEL SIGN SUPPORT
  - NEW SIGN PANEL TYPE 1 OR 2 WITH MUTCD CODE AND SIGN NUMBER, SEE SIGN SCHEDULE SHEET 173
  - EXISTING SIGN, SEE SIGN SCHEDULE SHEET 172
  - EXISTING SIGN TO BE REMOVED, SEE SIGN SCHEDULE SHEET 172



FILE NAME = P:\2007\ME07081\_22nd\_Street\Cadd\Supp3\DI68012-SHT-SIGN03.dgn  
 USER NAME = MILLENNIA\_Engineering

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DRAWN - TVN	REVISED -
CHECKED - RPD	REVISED -
DATE - 04/01/2010	REVISED -

**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

**22nd STREET SIGNING PLAN**

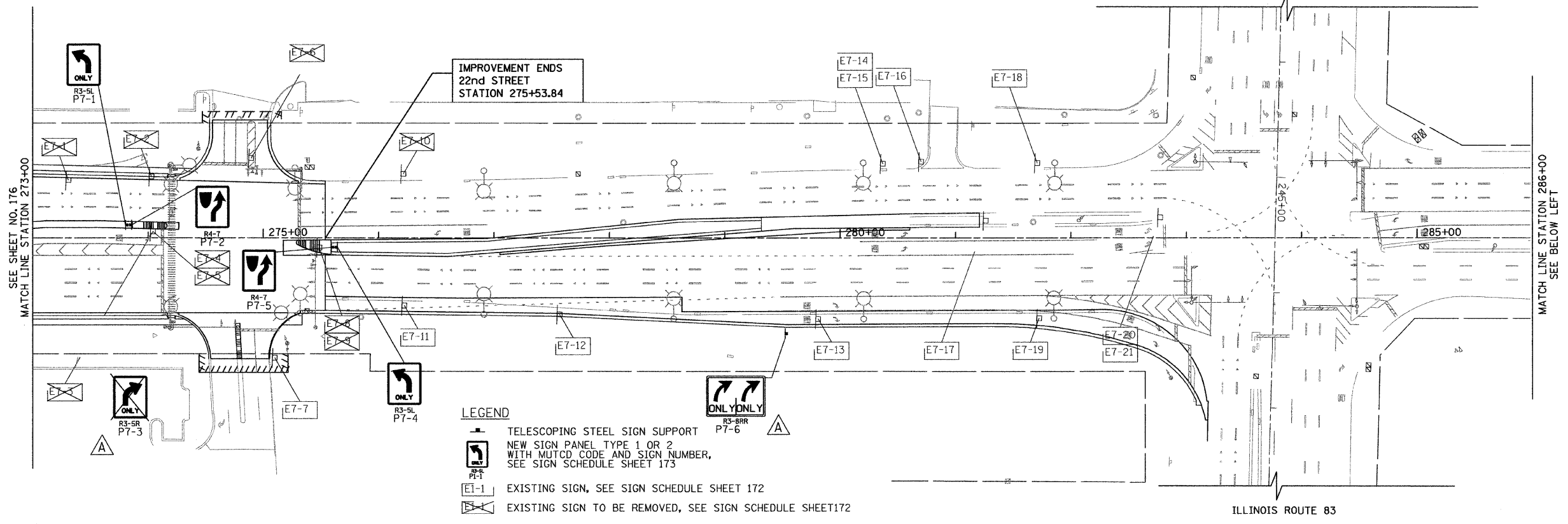
SCALE: 1"=50'    SHEET NO.176 OF 362 SHEETS    STA. 248+00    TO STA. 273+00

F.A.U. RTE. 1453	SECTION 55WRS	COUNTY	TOTAL SHEETS 362	SHEET NO. 176
CONTRACT NO. 60D12				

FED. ROAD DIST. NO. 7 ILLINOIS FED. AID PROJECT  
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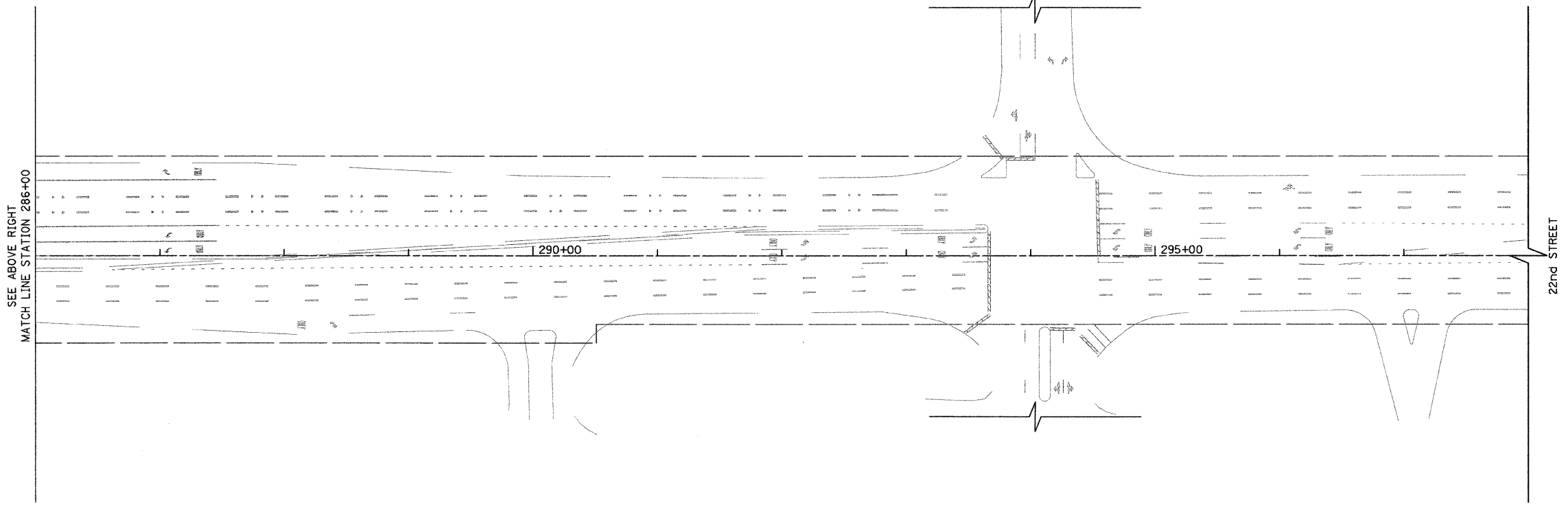
SIGN03

ILLINOIS ROUTE 83



- LEGEND**
- TELESCOPING STEEL SIGN SUPPORT
  - NEW SIGN PANEL TYPE 1 OR 2 WITH MUTCD CODE AND SIGN NUMBER, SEE SIGN SCHEDULE SHEET 173
  - EXISTING SIGN, SEE SIGN SCHEDULE SHEET 172
  - EXISTING SIGN TO BE REMOVED, SEE SIGN SCHEDULE SHEET 172

ILLINOIS ROUTE 83



SEE ABOVE RIGHT  
MATCH LINE STATION 286+00

22nd STREET

FILE NAME = P:\2007\ME\07081\_22nd\_Street\Cadd\Supp3\0168012-SHT-SIGN04.dgn  
USER NAME = MILLENNIA ENGINEERING

**ME**  
 200 22ND Street, Suite 216, Lombard, IL 60148  
 630.785.0110 voice, 630.839.3566 fax  
 www.milleniaeng.com  
**MILLENNIA ENGINEERING**

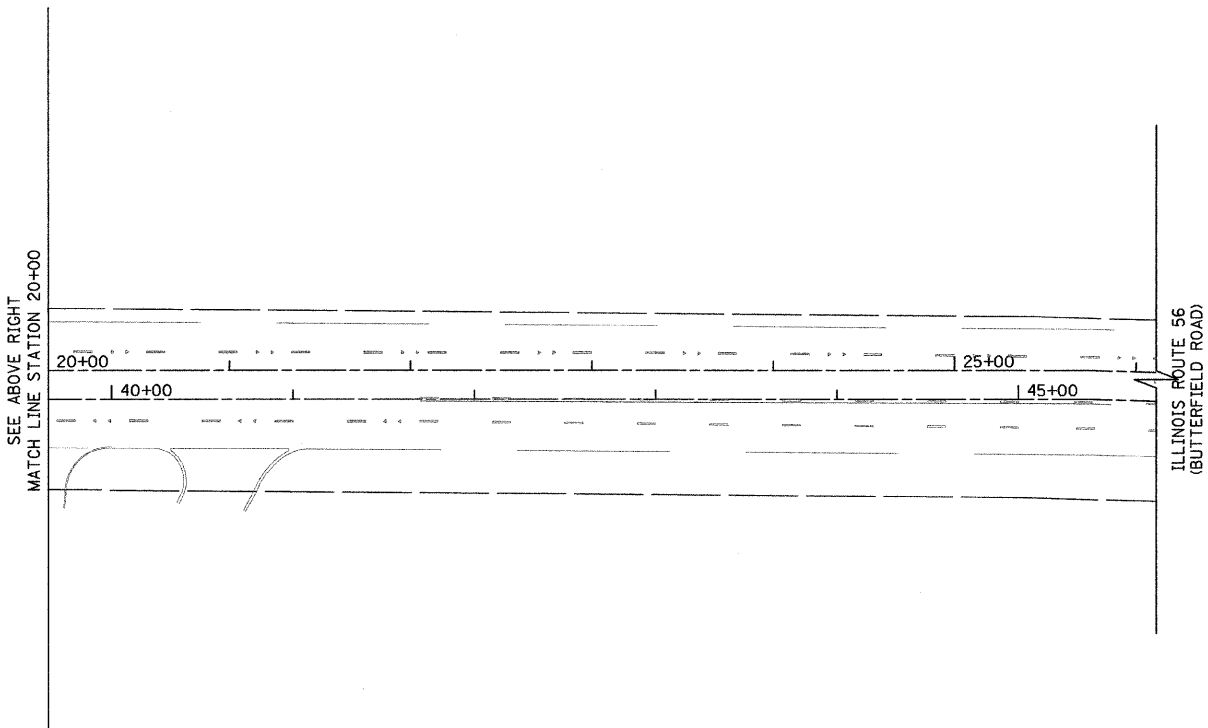
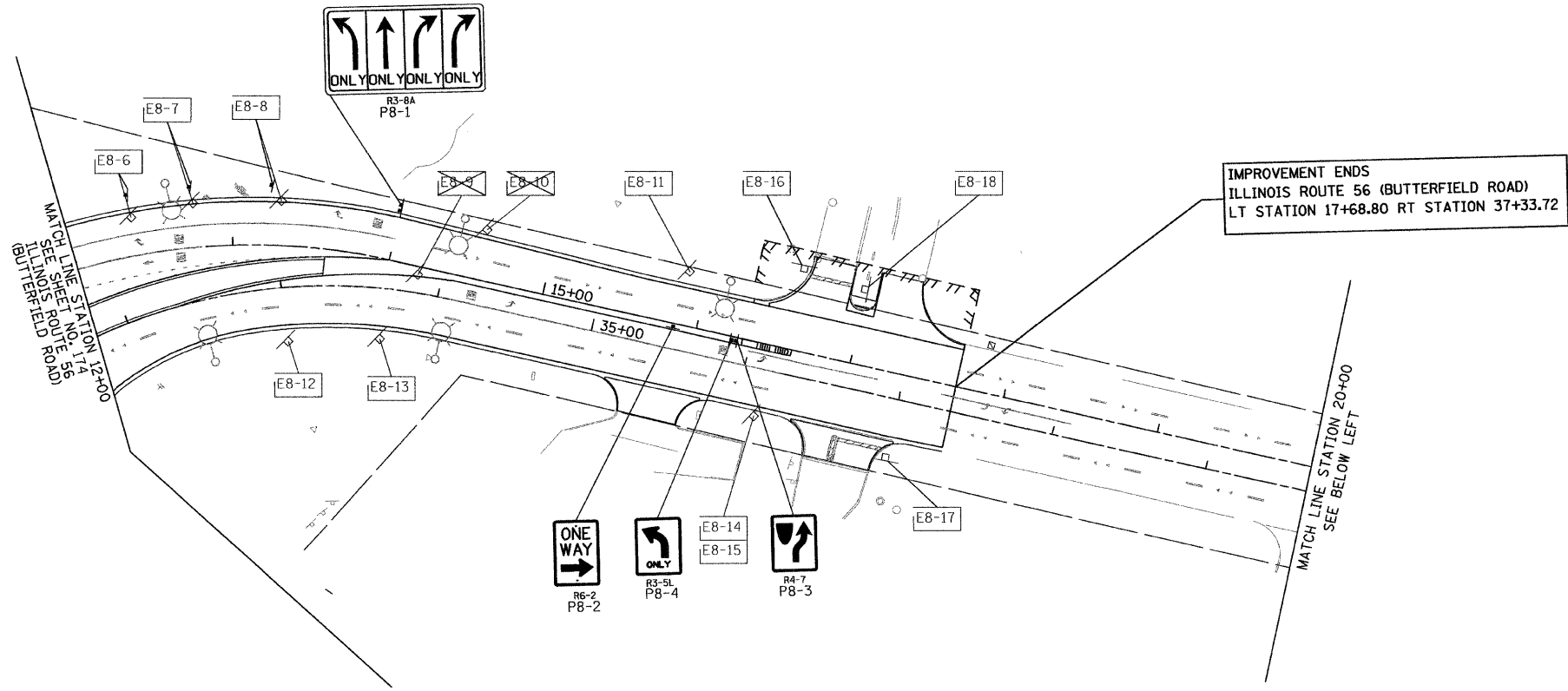
DESIGNED - TVN	REVISED -
DRAWN - TVN	REVISED -
CHECKED - RPD	REVISED -
DATE - 04/01/2010	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**22nd STREET SIGNING PLAN**  
 SCALE: 50.0000 / SHEET NO. 177 OF 362 SHEETS | STA. 273+00 TO STA. 298+00

F.A.U. RTE. 1453	SECTION 55WRS	COUNTY	TOTAL SHEETS 362	SHEET NO. 177
CONTRACT NO. 60D12				
FED. ROAD DIST. NO. 7 ILLINOIS FED. AID PROJECT P:\2007\ME\07081_22nd_Street\Cadd\Supp3\0168012-SHT-SIGN04.dgn				

SIGN04



- LEGEND**
- TELESCOPING STEEL SIGN SUPPORT
  - NEW SIGN PANEL TYPE 1 OR 2 WITH MUTCD CODE AND SIGN NUMBER, SEE SIGN SCHEDULE SHEET 173
  - EXISTING SIGN, SEE SIGN SCHEDULE SHEET 172
  - EXISTING SIGN TO BE REMOVED, SEE SIGN SCHEDULE SHEET 172

FILE NAME = P:\2007\ME07081\_22nd\_Street\Cadd\Supp3\016012-SHT-SIGN05-BUTTERFIELD.DGN  
 USER NAME = Millennium Engineering

300 22ND Street, Suite 316, Lombard, IL 60148  
 630.785.0110 voice, 630.859.2566 fax  
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**MILLENNIA ENGINEERING**

DESIGNED - TVN	REVISED -
DRAWN - TVN	REVISED -
CHECKED - RPD	REVISED -
DATE - 04/01/2010	REVISED -

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

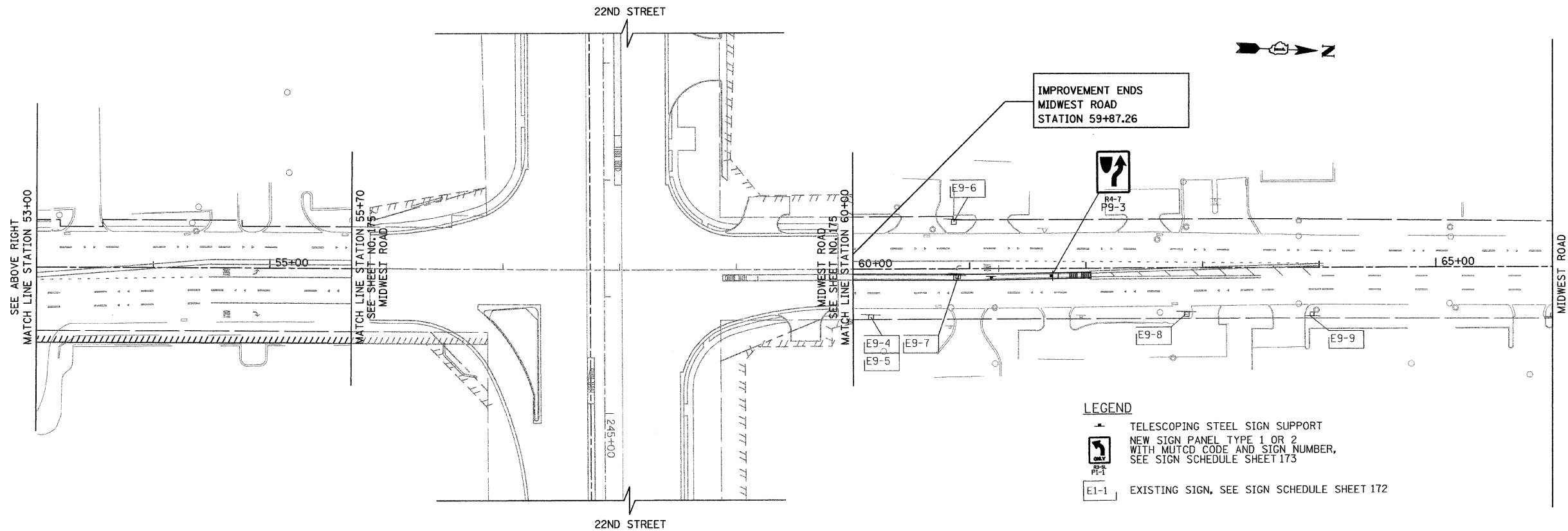
**22nd STREET SIGNING PLAN**  
 SCALE: 1"=50' SHEET NO.178 OF 362 SHEETS STA. 12+00 TO STA. 25+50




F.A.U. RTE. 1453	SECTION 55WRS	COUNTY	TOTAL SHEETS 362	SHEET NO. 178
FED. ROAD DIST. NO. 7 ILLINOIS FED. AID PROJECT			CONTRACT NO. 60D12	

SIGN05

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- LEGEND**
-  TELESCOPING STEEL SIGN SUPPORT
  -  NEW SIGN PANEL TYPE 1 OR 2 WITH MUTCD CODE AND SIGN NUMBER, SEE SIGN SCHEDULE SHEET 173
  -  EXISTING SIGN, SEE SIGN SCHEDULE SHEET 172

FILE NAME = P:\2007\ME07081\_22nd\_Street\Cadd\Supp3\168012-SHT-SIGN06-MIDWEST.dgn  
 USER NAME = MILLENNIA\_Engineer.rtg



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DRAWN - TVN	REVISED -
CHECKED - RPD	REVISED -
DATE - 04/01/2010	REVISED -

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

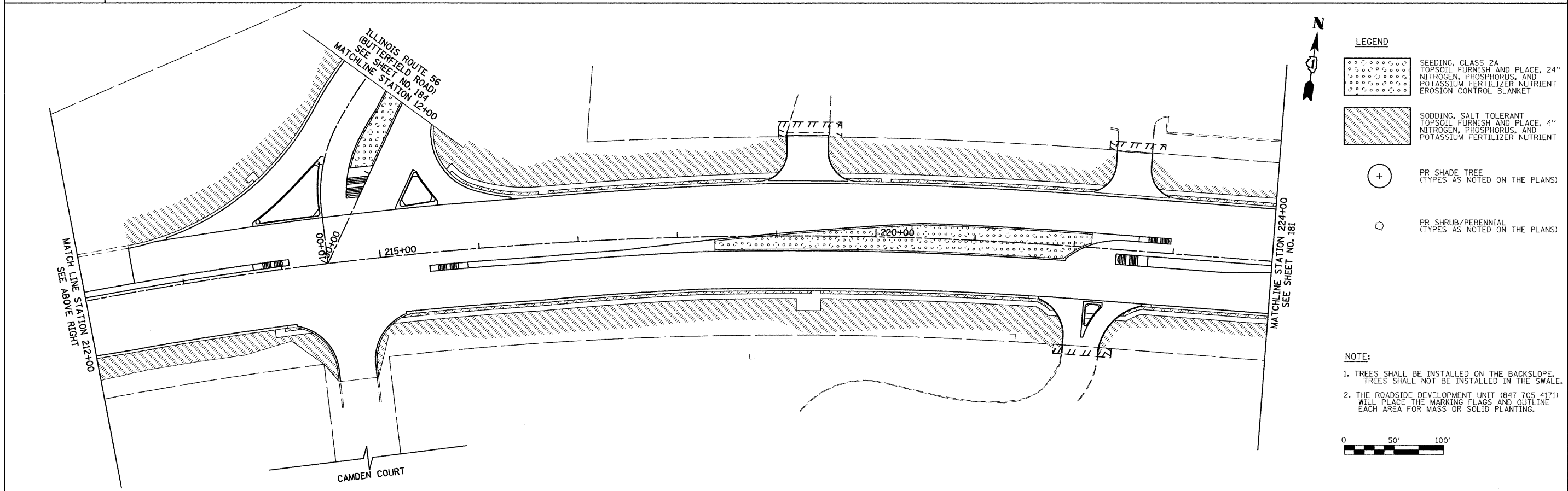
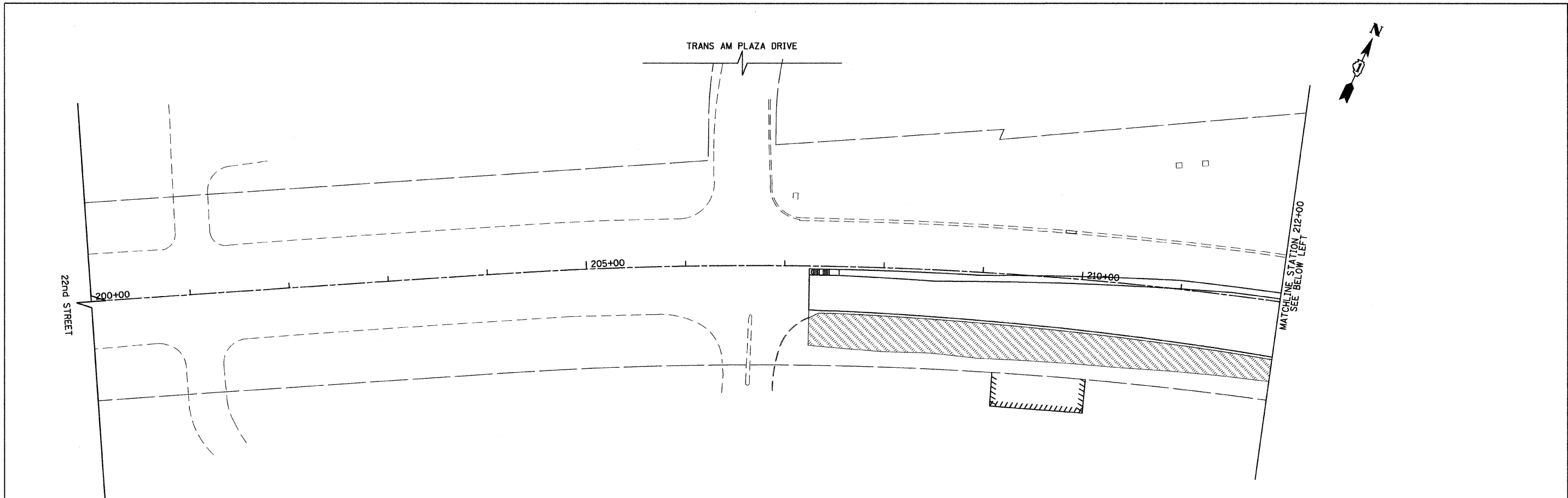
**22nd STREET SIGNING PLAN**

SCALE: 1"=50' SHEET NO.179 OF 362 SHEETS STA. 41+00 TO STA. 65+00

F.A.J. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1453	55WRS	DUPAGE	362	179
CONTRACT NO. 60D12				

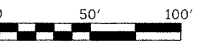
FED. ROAD DIST. NO. 7 ILLINOIS FED. AID PROJECT  
 P:\2007\ME07081\_22nd\_Street\Cadd\Supp3\168012-SHT-SIGN06-MIDWEST.dgn

SIGN06

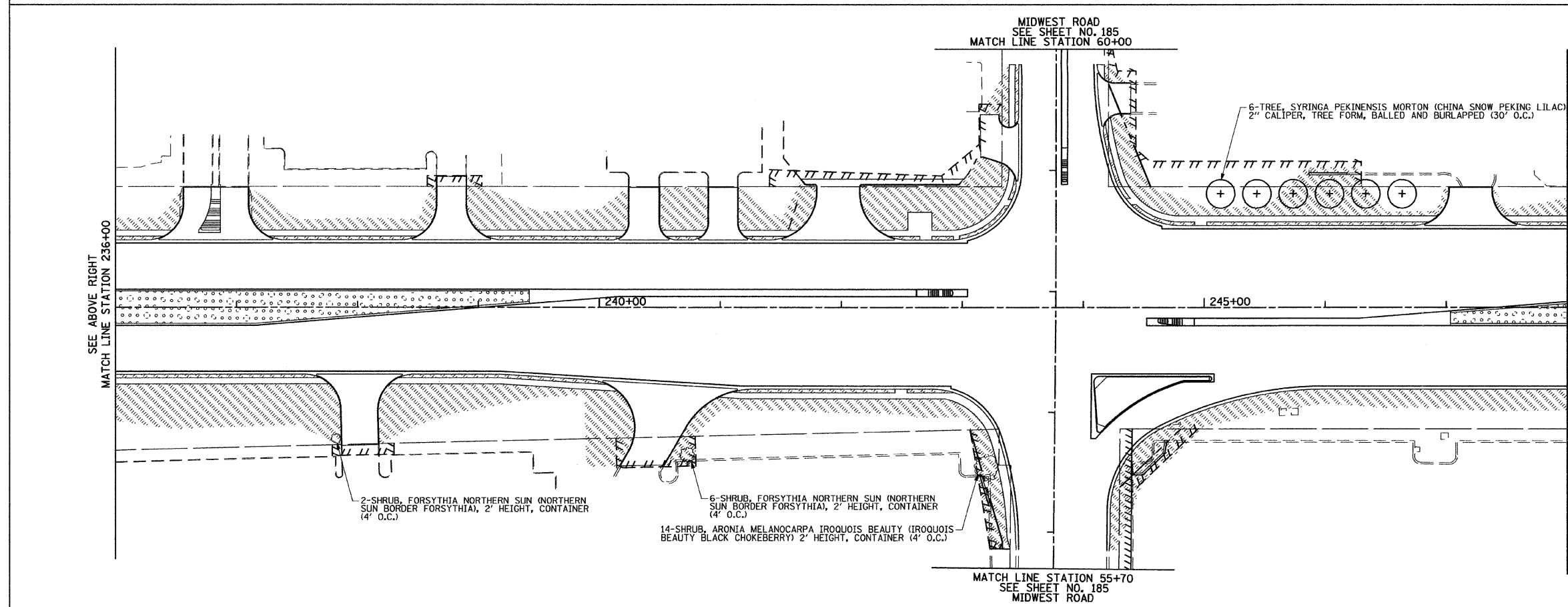
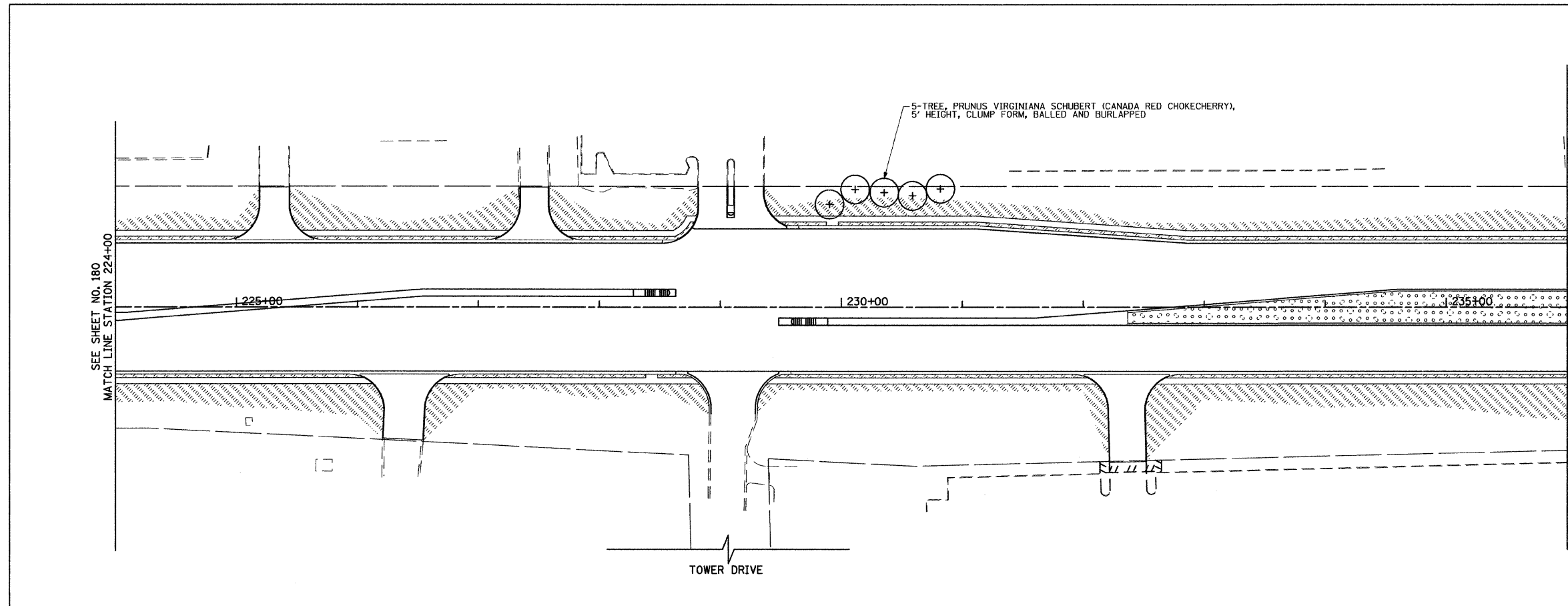


- LEGEND**
- SEEDING, CLASS 2A TOPSOIL FURNISH AND PLACE, 24" NITROGEN, PHOSPHORUS, AND POTASSIUM FERTILIZER NUTRIENT EROSION CONTROL BLANKET
  - SODDING, SALT TOLERANT TOPSOIL FURNISH AND PLACE, 4" NITROGEN, PHOSPHORUS, AND POTASSIUM FERTILIZER NUTRIENT
  - PR SHADE TREE (TYPES AS NOTED ON THE PLANS)
  - PR SHRUB/PERENNIAL (TYPES AS NOTED ON THE PLANS)

- NOTE:**
1. TREES SHALL BE INSTALLED ON THE BACKSLOPE. TREES SHALL NOT BE INSTALLED IN THE SWALE.
  2. THE ROADSIDE DEVELOPMENT UNIT (847-705-4171) WILL PLACE THE MARKING FLAGS AND OUTLINE EACH AREA FOR MASS OR SOLID PLANTING.



FILE NAME =	USER NAME = BAW\stort	DESIGNED - JMG	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>22nd STREET LANDSCAPING PLAN</b>			F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
g:\ch07\0051\road\sheets\0160012-SHT-LS	ldgn	DRAWN - BAW	REVISED -		SCALE: 1"=50'	SHEET NO. 180 OF 362 SHEETS	STA. 200+00	TO STA. 224+00	1453	55WRS	DUPAGE	362	180
		CHECKED - JRH	REVISED -		CONTRACT NO. 60D12								
		DATE - 4/1/2010	REVISED -		FED. ROAD DIST. NO. 7 [ILLINOIS] FED. AID PROJECT								



**LEGEND**

SEEDING, CLASS 2A TOPSOIL FURNISH AND PLACE, 24" NITROGEN, PHOSPHORUS, AND POTASSIUM FERTILIZER NUTRIENT EROSION CONTROL BLANKET

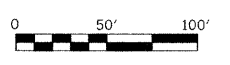
SODDING, SALT TOLERANT TOPSOIL FURNISH AND PLACE, 4" NITROGEN, PHOSPHORUS, AND POTASSIUM FERTILIZER NUTRIENT

PR SHADE TREE (TYPES AS NOTED ON THE PLANS)

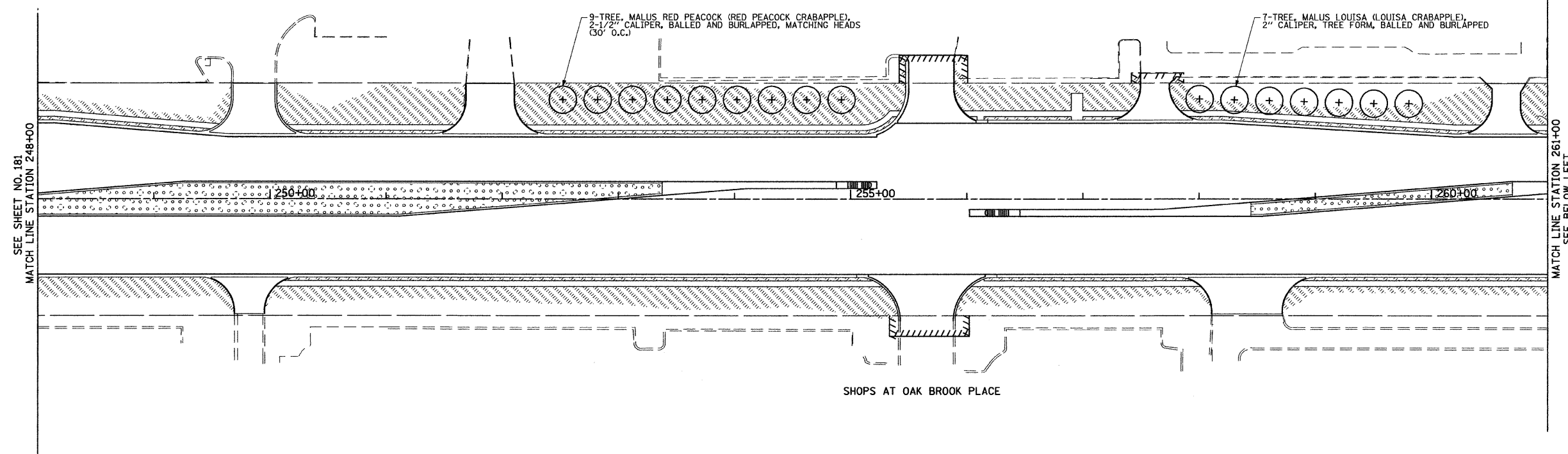
PR SHRUB/PERENNIAL (TYPES AS NOTED ON THE PLANS)

**NOTE:**

- TREES SHALL BE INSTALLED ON THE BACKSLOPE. TREES SHALL NOT BE INSTALLED IN THE SWALE.
- THE ROADSIDE DEVELOPMENT UNIT (847-705-4171) WILL PLACE THE MARKING FLAGS AND OUTLINE EACH AREA FOR MASS OR SOLID PLANTING.



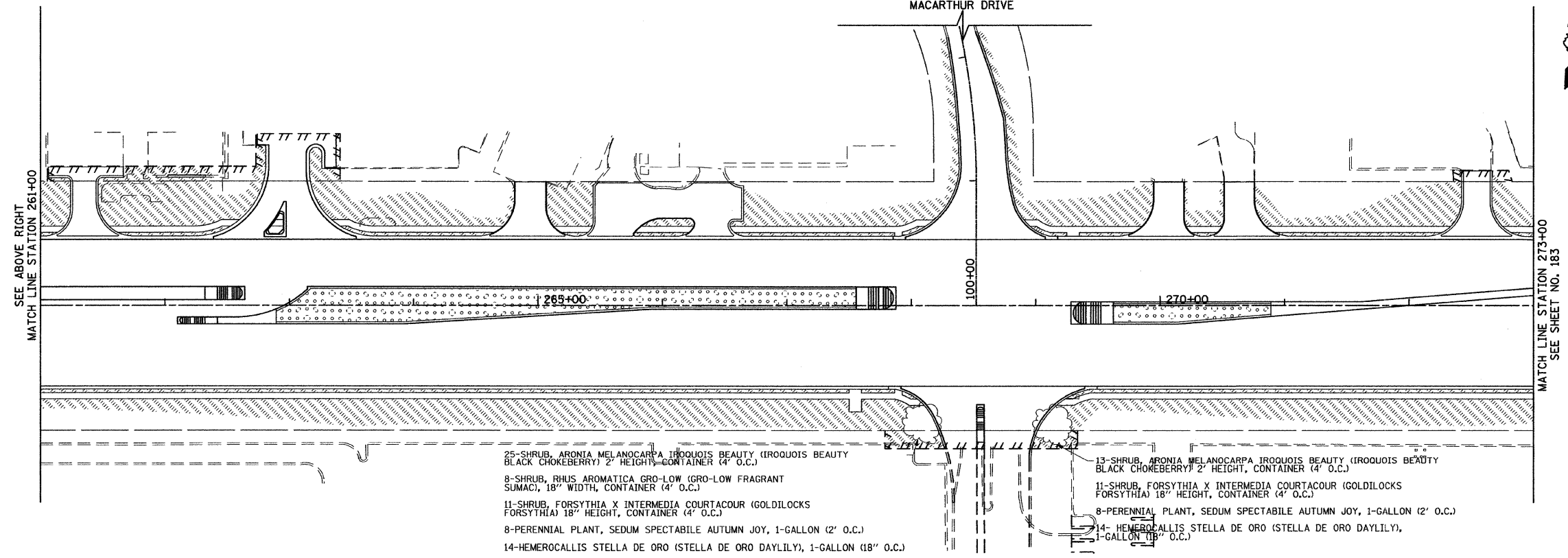
FILE NAME =	USER NAME = BAW\bart	DESIGNED - JMG	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>22nd STREET LANDSCAPING PLAN</b>			F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
gr\ch07\0061\road\sheet\0160012-SHT-L5-2.dgn	DRAWN - BAW	REVISED -	1453					55WRS	DUPAGE	362	181	
PLOT SCALE = 5/8" = 1' IN.	CHECKED - JRH	REVISED -	CONTRACT NO. 60D12									
PLOT DATE = 3/31/2010	DATE - 4/1/2010	REVISED -	FED. ROAD DIST. NO. 7   ILLINOIS FED. AID PROJECT									
				SCALE: 1"=50'			SHEET NO. 181 OF 362 SHEETS   STA. 224+00 TO STA. 248+00					



SEE SHEET NO. 181  
MATCH LINE STATION 248+00

MATCH LINE STATION 261+00  
SEE BELOW LEFT

SHOPS AT OAK BROOK PLACE


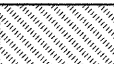




SEE ABOVE RIGHT  
MATCH LINE STATION 261+00

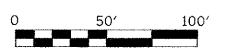
MATCH LINE STATION 273+00  
SEE SHEET NO. 183

MACARTHUR DRIVE



- LEGEND**
-  SEEDING, CLASS 2A TOPSOIL FURNISH AND PLACE, 24" NITROGEN, PHOSPHORUS, AND POTASSIUM FERTILIZER NUTRIENT EROSION CONTROL BLANKET
  -  SODDING, SALT TOLERANT TOPSOIL FURNISH AND PLACE, 4" NITROGEN, PHOSPHORUS, AND POTASSIUM FERTILIZER NUTRIENT
  -  PR SHADE TREE (TYPES AS NOTED ON THE PLANS)
  -  PR SHRUB/PERENNIAL (TYPES AS NOTED ON THE PLANS)

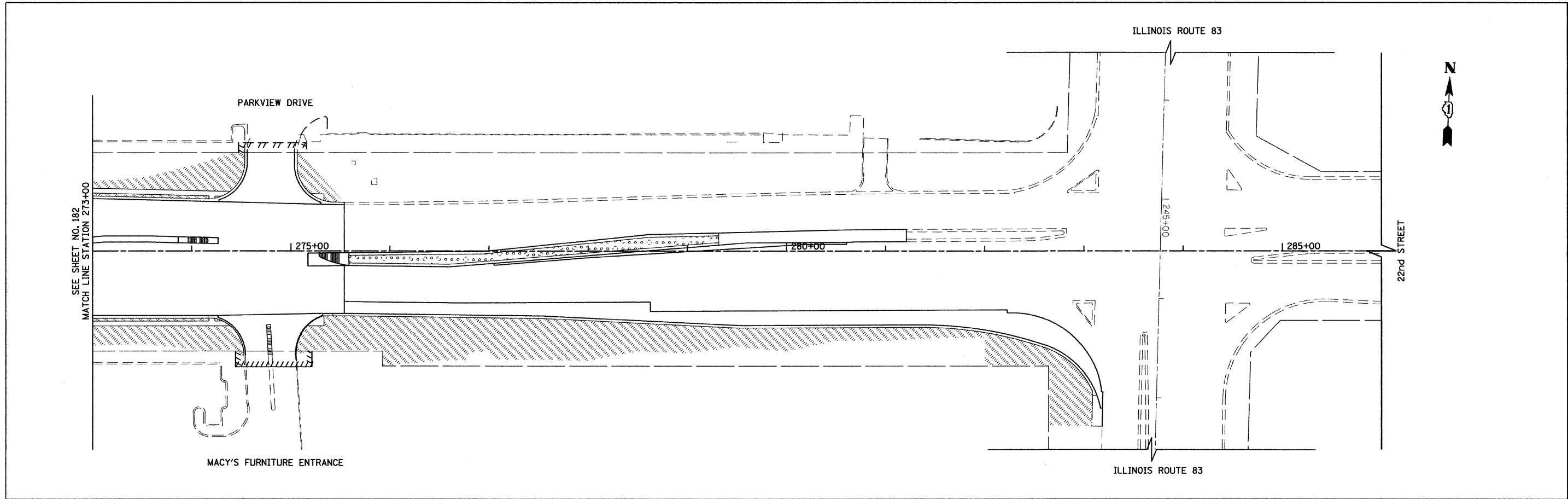
- NOTE:**
1. TREES SHALL BE INSTALLED ON THE BACKSLOPE. TREES SHALL NOT BE INSTALLED IN THE SWALE.
  2. THE ROADSIDE DEVELOPMENT UNIT (847-705-4171) WILL PLACE THE MARKING FLAGS AND OUTLINE EACH AREA FOR MASS OR SOLID PLANTING.







- 25-SHRUB, ARONIA MELANOCARPA IROQUOIS BEAUTY (IROQUOIS BEAUTY BLACK CHOKEBERRY) 2' HEIGHT, CONTAINER (4' O.C.)
- 8-SHRUB, RHUS AROMATICA GRO-LOW (GRO-LOW FRAGRANT SUMAC), 18" WIDTH, CONTAINER (4' O.C.)
- 11-SHRUB, FORSYTHIA X INTERMEDIA COURTAOUR (GOLDLOCKS FORSYTHIA) 18" HEIGHT, CONTAINER (4' O.C.)
- 8-PERENNIAL PLANT, SEDUM SPECTABILE AUTUMN JOY, 1-GALLON (2' O.C.)
- 14-HEMEROCALLIS STELLA DE ORO (STELLA DE ORO DAYLILY), 1-GALLON (18" O.C.)
- 13-SHRUB, ARONIA MELANOCARPA IROQUOIS BEAUTY (IROQUOIS BEAUTY BLACK CHOKEBERRY) 2' HEIGHT, CONTAINER (4' O.C.)
- 11-SHRUB, FORSYTHIA X INTERMEDIA COURTAOUR (GOLDLOCKS FORSYTHIA) 18" HEIGHT, CONTAINER (4' O.C.)
- 8-PERENNIAL PLANT, SEDUM SPECTABILE AUTUMN JOY, 1-GALLON (2' O.C.)
- 14-HEMEROCALLIS STELLA DE ORO (STELLA DE ORO DAYLILY), 1-GALLON (18" O.C.)

FILE NAME =	USER NAME = BAW\start	DESIGNED - JMG	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>22nd STREET LANDSCAPING PLAN</b>			F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
g:\ch07\0061\road\sheet\0168012-SHT-L5	3.dgn	DRAWN - BAW	REVISED -					1453	55WRS	DUPAGE	362	182
PLOT SCALE = 5/8"=50' / IN.	CHECKED - JRH	REVISIED -	REVISIED -					CONTRACT NO. 60012				
PLOT DATE = 3/31/2010	DATE - 4/1/2010	REVISED -	REVISED -					FED. ROAD DIST. No. 7 (ILLINOIS) FED. AID PROJECT				

SCALE: 1"=50' SHEET NO. 182 OF 362 SHEETS STA. 248+00 TO STA. 273+00

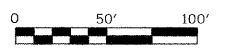


**LEGEND**

- 
 SEEDING, CLASS 2A  
TOPSOIL FURNISH AND PLACE, 24"  
NITROGEN, PHOSPHORUS, AND  
POTASSIUM FERTILIZER NUTRIENT  
EROSION CONTROL BLANKET
- 
 SODDING, SALT TOLERANT  
TOPSOIL FURNISH AND PLACE, 4"  
NITROGEN, PHOSPHORUS, AND  
POTASSIUM FERTILIZER NUTRIENT
- 
 PR SHADE TREE  
(TYPES AS NOTED ON THE PLANS)
- 
 PR SHRUB/PERENNIAL  
(TYPES AS NOTED ON THE PLANS)

**NOTE:**

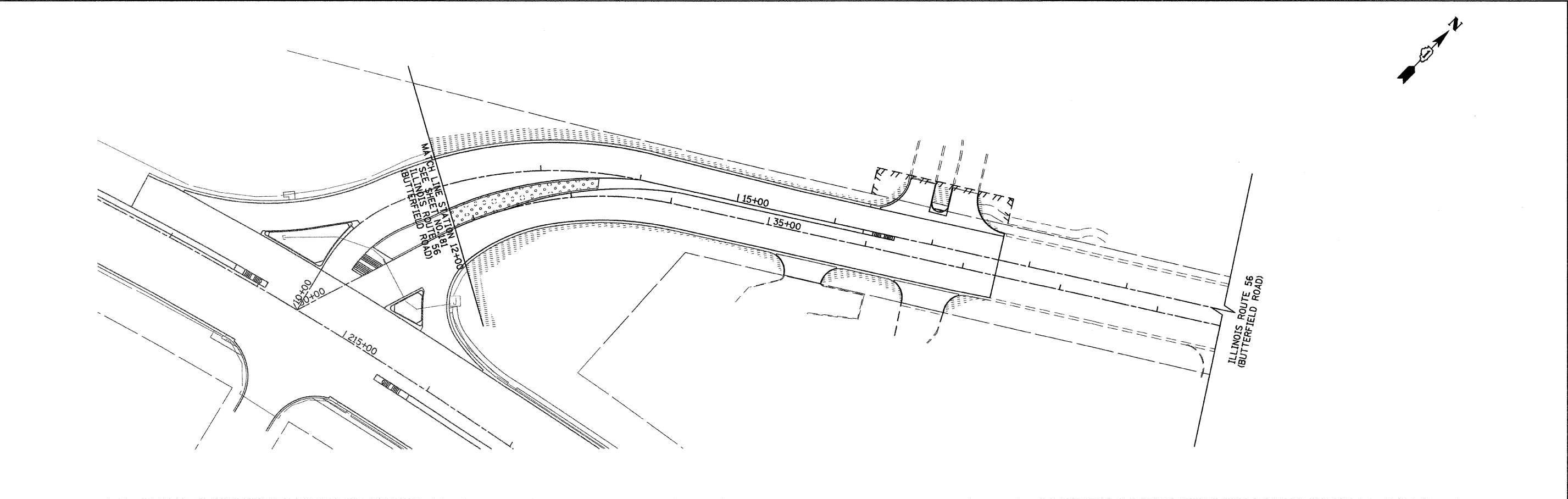
1. TREES SHALL BE INSTALLED ON THE BACKSLOPE. TREES SHALL NOT BE INSTALLED IN THE SWALE.
2. THE ROADSIDE DEVELOPMENT UNIT (847-705-4171) WILL PLACE THE MARKING FLAGS AND OUTLINE EACH AREA FOR MASS OR SOLID PLANTING.







FILE NAME =	USER NAME = BAW\start	DESIGNED - JMG	REVISED -
g:\ch07\0061\road\sheets\0160012-SHT-LS	4.dgn	DRAWN - BAW	REVISED -
PLOT SCALE = 50.0000' / IN.	CHECKED - JRH	REVISED -	REVISED -
PLOT DATE = 3/31/2010	DATE - 4/1/2010	REVISED -	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

<b>22nd STREET LANDSCAPING PLAN</b>		F.A.J. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		1453	55WRS	DUPAGE	362	183
		CONTRACT NO. 60D12				
SCALE: 1"=50'	SHEET NO. 183 OF 362 SHEETS	STA. 273+00	TO STA. 298+00	FED. ROAD DIST. NO. 7 ILLINOIS FED. AID PROJECT		

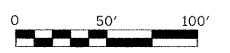


**LEGEND**

- 
 SEEDING, CLASS 2A  
 TOPSOIL FURNISH AND PLACE, 24"  
 NITROGEN, PHOSPHORUS, AND  
 POTASSIUM FERTILIZER NUTRIENT  
 EROSION CONTROL BLANKET
- 
 SODDING, SALT TOLERANT  
 TOPSOIL FURNISH AND PLACE, 4"  
 NITROGEN, PHOSPHORUS, AND  
 POTASSIUM FERTILIZER NUTRIENT
- 
 PR SHADE TREE  
 (TYPES AS NOTED ON THE PLANS)
- 
 PR SHRUB/PERENNIAL  
 (TYPES AS NOTED ON THE PLANS)

**NOTE:**

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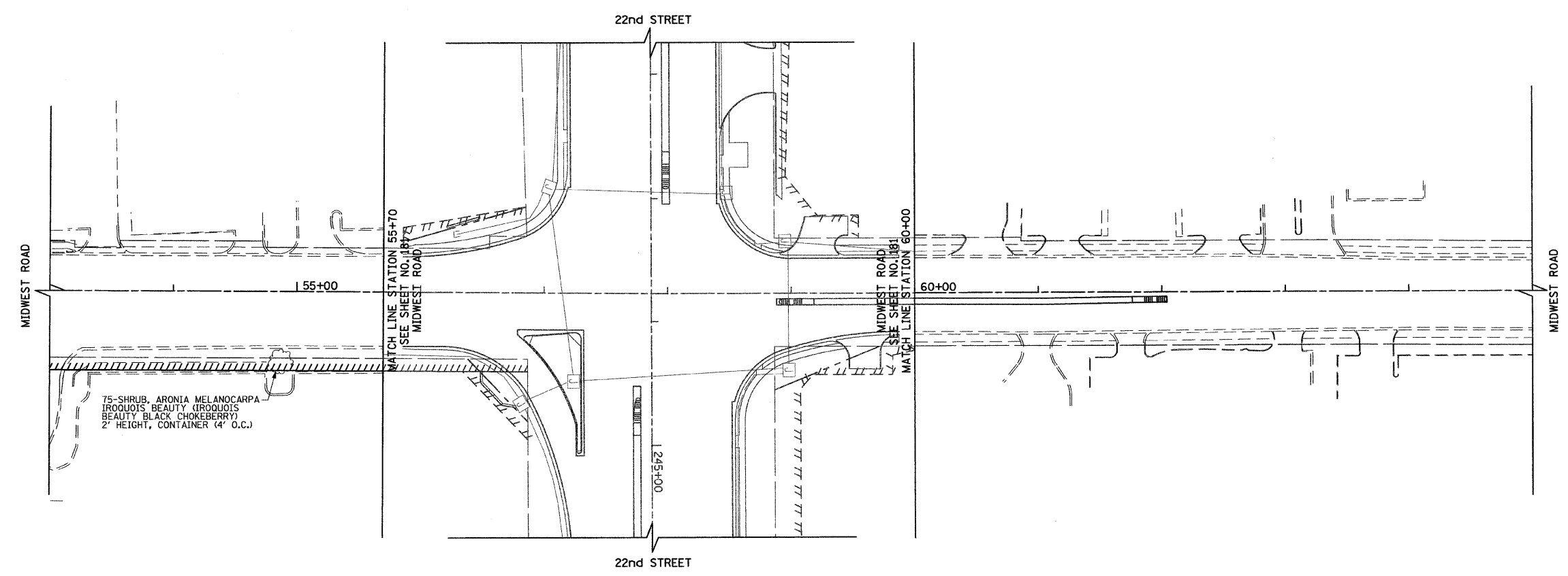
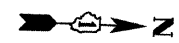


FILE NAME =	USER NAME = BAW\bart	DESIGNED - JMG	REVISED -
gr\ch07\0061\road\sheets\0160012-SHT-LS	Edgn	DRAWN - BAW	REVISED -
PLOT SCALE = 50.0000' / IN.	CHECKED - JRH	DATE - 4/1/2010	REVISED -
PLOT DATE = 3/31/2010			


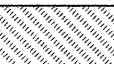


**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

<b>ILLINOIS ROUTE 56 (BUTTERFIELD ROAD) LANDSCAPING PLAN</b>			
SCALE: 1"=50'	SHEET NO. 184 OF 362 SHEETS	STA. 12+00 TO STA. 25+50	

F.A.J. RTE. 1453	SECTION 55WRS	COUNTY	TOTAL SHEETS 362	SHEET NO. 184
CONTRACT NO. 60D12				
FED. ROAD DIST. NO. 7 ILLINOIS FED. AID PROJECT				

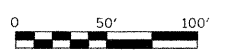


**LEGEND**

- 
 SEEDING, CLASS 2A  
 TOPSOIL FURNISH AND PLACE, 24"  
 NITROGEN, PHOSPHORUS, AND  
 POTASSIUM FERTILIZER NUTRIENT  
 EROSION CONTROL BLANKET
- 
 SODDING, SALT TOLERANT  
 TOPSOIL FURNISH AND PLACE, 4"  
 NITROGEN, PHOSPHORUS, AND  
 POTASSIUM FERTILIZER NUTRIENT
- 
 PR SHADE TREE  
 (TYPES AS NOTED ON THE PLANS)
- 
 PR SHRUB/PERENNIAL  
 (TYPES AS NOTED ON THE PLANS)

**NOTE:**

1. TREES SHALL BE INSTALLED ON THE BACKSLOPE. TREES SHALL NOT BE INSTALLED IN THE SWALE.
2. THE ROADSIDE DEVELOPMENT UNIT (847-705-4171) WILL PLACE THE MARKING FLAGS AND OUTLINE EACH AREA FOR MASS OR SOLID PLANTING.



FILE NAME =	USER NAME = BAW\sort	DESIGNED - JMG	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>MIDWEST ROAD LANDSCAPING PLAN</b>				F.A.J. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
g:\ch07\0061\road\sheet\DI68012-SHT-LS	Swgn	DRAWN - BAW	REVISED -		1453	55WRS	DUPAGE	362	185				
PLOT SCALE = 50.0000' / IN.	CHECKED - JRH	REVISED -	SCALE: 1"=50'		SHEET NO. 185 OF 362 SHEETS	STA. 53+00	TO STA. 65+00	CONTRACT NO. 60D12					
PLOT DATE = 3/31/2010	DATE - 4/1/2010	REVISED -	FED. ROAD DIST. NO. 7 (ILLINOIS) FED. AID PROJECT										

# SCHEDULE OF QUANTITIES

PAY ITEM	UNIT	22ND ST @ ILL. RTE 58	22ND ST @ MIDWEST RD	22ND ST @ OAKBROOK PLAZA	22ND ST @ PARKVIEW DRIVE	ILL. RTE 58 @ TRANS AM PLAZA DR	22ND ST @ McARTHUR DRIVE	22ND ST @ ILLINOIS RTE 63	INTERCONNECT	EVP
		80% FED 20% STATE	80% FED 10% STATE 10% DUPAGE	100% OAK BROOK	100% OAK BROOK	80% FED 20% STATE	100% OAK BROOK	100% OAK BROOK	80% FED 20% STATE	100% OAK BROOK
SIGN PANEL - TYPE 1	SO FT	32	49	32	36	-	32	-	-	-
SIGN PANEL - TYPE 2	SO FT	12	-	-	-	-	-	-	-	-
CONDUIT IN TRENCH, 2" DIA., GALVANIZED STEEL	FOOT	1095	504	637	64	-	554	220	2625	-
CONDUIT IN TRENCH, 2 1/2" DIA., GALVANIZED STEEL	FOOT	84	-	35	50	-	-	25	-	-
CONDUIT IN TRENCH, 3" DIA., GALVANIZED STEEL	FOOT	45	40	18	-	-	39	39	-	-
CONDUIT IN TRENCH, 4" DIA., GALVANIZED STEEL	FOOT	143	10	73	57	-	53	-	-	-
CONDUIT IN TRENCH, 5" DIA., GALVANIZED STEEL	FOOT	10	10	10	10	-	10	-	-	-
CONDUIT PUSHED, 2" DIA., GALVANIZED STEEL	FOOT	407	200	229	149	-	335	-	830	-
CONDUIT PUSHED, 3" DIA., GALVANIZED STEEL	FOOT	66	-	-	-	-	-	270	-	-
CONDUIT PUSHED, 4" DIA., GALVANIZED STEEL	FOOT	590	575	396	132	-	478	-	-	-
CONDUIT PUSHED, 5" DIA., GALVANIZED STEEL	FOOT	92	-	-	135	-	-	-	-	-
HANDHOLE	EACH	8	5	3	5	-	5	2	6	-
HEAVY-DUTY HANDHOLE	EACH	2	4	5	4	1	4	-	-	-
DOUBLE HANDHOLE	EACH	4	3	2	-	-	2	-	-	-
TRENCH AND BACKFILL FOR ELECTRICAL WORK	FOOT	894	564	773	181	-	708	284	2625	-
MAINTENANCE OF EXISTING TRAFFIC SIGNAL INSTALLATION	EACH	-	-	-	-	-	-	-	6	-
FULL-ACTUATED CONTROLLER AND TYPE IV CABINET, SPECIAL	EACH	1	1	1	1	-	1	-	-	-
TRANSCIVER - FIBER OPTIC	EACH	1	1	1	1	-	1	-	-	-
ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 2C	FOOT	1526	632	695	444	425	767	-	-	-
ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 3C	FOOT	3243	1672	2025	1108	-	1540	-	-	-
ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 5C	FOOT	5200	4299	3523	3282	850	4060	3371	-	-
ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 7C	FOOT	1630	1865	1025	780	600	941	1121	-	-
ELECTRIC CABLE IN CONDUIT, LEAD-IN, NO. 14 1 PAIR	FOOT	7929	9940	6474	4790	-	6584	3440	-	-
ELECTRIC CABLE IN CONDUIT, SERVICE, NO. 6 2 C	FOOT	246	48	188	31	-	160	-	-	-
TRAFFIC SIGNAL POST, GALVANIZED STEEL 10 FT.	EACH	1	-	-	-	-	-	-	-	-
TRAFFIC SIGNAL POST, GALVANIZED STEEL 14 FT.	EACH	2	-	1	-	-	1	1	-	-
TRAFFIC SIGNAL POST, GALVANIZED STEEL 16 FT.	EACH	1	2	1	2	-	1	-	-	-
STEEL MAST ARM ASSEMBLY AND POLE, 40 FT.	EACH	1	-	-	-	-	-	-	-	-
STEEL MAST ARM ASSEMBLY AND POLE, 50 FT.	EACH	-	-	-	1	-	-	-	-	-
STEEL COMBINATION MAST ARM ASSEMBLY AND POLE 50 FT.	EACH	1	-	-	-	-	-	-	-	-
STEEL MAST ARM ASSEMBLY AND POLE, 52 FT.	EACH	-	1	-	-	-	-	-	-	-
STEEL COMBINATION MAST ARM ASSEMBLY AND POLE 52 FT.	EACH	1	-	-	-	-	-	-	-	-
STEEL MAST ARM ASSEMBLY AND POLE, 55 FT.	EACH	-	1	-	-	-	-	-	-	-
STEEL MAST ARM ASSEMBLY AND POLE, 58 FT.	EACH	-	-	1	-	-	-	-	-	-
STEEL MAST ARM ASSEMBLY AND POLE, 66 FT.	EACH	-	-	-	1	-	-	-	-	-
STEEL MAST ARM ASSEMBLY AND POLE, 68 FT.	EACH	-	-	1	-	-	1	-	-	-
STEEL MAST ARM ASSEMBLY AND POLE, 70 FT.	EACH	-	-	-	-	-	1	-	-	-
STEEL COMBINATION MAST ARM ASSEMBLY AND POLE WITH DUAL MAST ARMS, 44 FT AND 24 FT	EACH	1	-	-	-	-	-	-	-	-
STEEL MAST ARM ASSEMBLY AND POLE WITH DUAL MAST ARMS, 20 FT AND 46 FT.	EACH	-	-	-	-	-	1	-	-	-
STEEL MAST ARM ASSEMBLY AND POLE WITH DUAL MAST ARMS, 26 FT AND 44 FT.	EACH	-	-	1	-	-	-	-	-	-
STEEL MAST ARM ASSEMBLY AND POLE WITH DUAL MAST ARMS, 28 FT. AND 32 FT.	EACH	-	-	1	-	-	-	-	-	-
STEEL MAST ARM ASSEMBLY AND POLE WITH DUAL MAST ARMS, 70 FT. AND 40 FT.	EACH	-	1	-	-	-	-	-	-	-
STEEL MAST ARM ASSEMBLY AND POLE WITH DUAL MAST ARMS, 70 FT. AND 34 FT.	EACH	-	1	-	-	-	-	-	-	-
STEEL COMBINATION MAST ARM ASSEMBLY AND POLE WITH DUAL MAST ARMS, 56 FT. AND 16 FT.	EACH	1	-	-	-	-	-	-	-	-
STEEL MAST ARM ASSEMBLY AND POLE WITH DUAL MAST ARMS, 48 FT. AND 28 FT.	EACH	-	-	-	1	-	-	-	-	-
STEEL MAST ARM ASSEMBLY AND POLE WITH DUAL MAST ARMS, 60 FT. AND 28 FT.	EACH	-	-	-	1	-	-	-	-	-
STEEL MAST ARM ASSEMBLY AND POLE WITH DUAL MAST ARMS, 32 FT. AND 60 FT.	EACH	-	-	-	-	-	1	-	-	-
CONCRETE FOUNDATION, TYPE A	FOOT	16	8	8	8	-	8	4	-	-
CONCRETE FOUNDATION, TYPE C	FOOT	4	4	4	4	-	4	-	-	-
CONCRETE FOUNDATION, TYPE E 36-INCH DIAMETER	FOOT	15	15	30	15	-	-	-	-	-
CONCRETE FOUNDATION, TYPE E 42-INCH DIAMETER	FOOT	60	45	30	45	-	60	-	-	-
DRILL EXISTING HANDHOLE	EACH	-	-	-	4	-	-	-	4	-
SIGNAL HEAD, LED, 1-FACE, 3-SECTION, MAST-ARM MOUNTED	EACH	14	14	14	15	9	15	1	-	-
SIGNAL HEAD, LED, 1-FACE, 3-SECTION, BRACKET MOUNTED	EACH	3	2	1	-	3	1	-	-	-
SIGNAL HEAD, LED, 1-FACE, 4-SECTION, BRACKET MOUNTED	EACH	4	-	-	-	-	-	-	-	-
SIGNAL HEAD, LED, 1-FACE, 5-SECTION, BRACKET MOUNTED	EACH	-	2	2	2	1	1	-	-	-
SIGNAL HEAD, LED, 1-FACE, 5-SECTION, MAST-ARM MOUNTED	EACH	-	4	3	1	1	2	-	-	-
SIGNAL HEAD, LED, 2-FACE, 1-3 SECTION, 1-5 SECTION, BRACKET MOUNTED	EACH	-	-	1	1	-	1	-	-	-
SIGNAL HEAD, LED, 2-FACE, 1-4 SECTION, 1-5 SECTION, BRACKET MOUNTED	EACH	2	-	-	-	-	-	-	-	-
SIGNAL HEAD, LED, 3-FACE, 1-4 SECTION, 2-5 SECTION, BRACKET MOUNTED	EACH	-	1	-	-	-	-	-	-	-
PEDESTRIAN SIGNAL HEAD, LED, 1-FACE, BRACKET MOUNTED	EACH	5	4	2	2	-	2	-	-	-
PEDESTRIAN SIGNAL HEAD, LED, 2-FACE, BRACKET MOUNTED	EACH	1	-	2	-	-	2	-	-	-
PEDESTRIAN SIGNAL HEAD, LED, 3-FACE, BRACKET MOUNTED	EACH	2	-	-	-	-	-	-	-	-
TRAFFIC SIGNAL BACKPLATE, LOUVERED, ALUMINUM	EACH	18	18	17	16	10	17	-	-	-
INDUCTIVE LOOP DETECTOR	EACH	13	12	8	10	-	8	5	-	-
DETECTOR LOOP, TYPE 1	FOOT	-	-	192	305	70	230	-	-	-
LIGHT DETECTOR	EACH	-	-	-	-	-	-	-	-	16
LIGHT DETECTOR AMPLIFIER	EACH	-	-	-	-	-	-	-	-	5
PEDESTRIAN PUSH-BUTTON	EACH	7	4	4	2	-	4	-	-	-
TEMPORARY TRAFFIC SIGNAL INSTALLATION	EACH	1	1	1	1	1	-	1	-	-
REMOVE ELECTRIC CABLE FROM CONDUIT	FOOT	-	-	-	-	-	-	-	1060	-
REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT	EACH	1	1	1	1	-	-	-	-	-
REMOVE EXISTING HANDHOLE	EACH	14	11	8	5	-	-	-	-	-
REMOVE EXISTING CONCRETE FOUNDATION	EACH	6	7	8	8	-	-	-	-	-
ELECTRIC CABLE IN CONDUIT, TRACER, NO. 14 1C	FOOT	-	-	-	-	-	-	-	6605	-
PREFORMED DETECTOR LOOP	FOOT	937	1096	510	338	-	770	255	279	-
RE-OPTIMIZE TRAFFIC SIGNAL SYSTEM LEVEL 2	EACH	-	-	-	-	-	-	-	4	-
TEMPORARY TRAFFIC SIGNAL TIMING	EACH	1	1	1	1	1	-	1	-	-
SERVICE INSTALLATION - POLE MOUNTED	EACH	1	1	1	1	1	-	1	-	-
UNINTERRUPTIBLE POWER SUPPLY	EACH	1	1	1	1	-	1	-	-	-
FIBER OPTIC CABLE IN CONDUIT, NO. 62.5/125, MM12F SM12F	FOOT	-	-	-	-	-	-	-	6605	-
ELECTRIC CABLE IN CONDUIT, GROUNDING, NO. 6 1C	FOOT	1062	693	688	546	-	1097	1612	-	-
ELECTRIC CABLE IN CONDUIT NO. 20 3/C, TWISTED, SHIELDED	FOOT	-	-	-	-	-	-	-	-	4667
TEMPORARY TRAFFIC SIGNAL INTERCONNECT	EACH	1	1	1	1	1	-	1	2	-
REMOVE EXISTING SIGNAL HEAD	EACH	-	-	-	-	12	-	-	-	-

FILE NAME : P:\2007\ME07081-22nd-Street\Cadd\Supp3\DI60D12-SHT-7500-5001.dgn  
 USER NAME : MILLENNIA ENGINEERING



200 22ND Street, Suite 216, Lombard, IL 60148  
 630.785.9110 voice, 630.839.2566 fax  
 www.milleniaeng.com  
**MILLENNIA ENGINEERING**

DESIGNED - TVN	REVISED -
DRAWN - TVN	REVISED -
CHECKED - RPD	REVISED -
DATE - 04/01/2010	REVISED -

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

**22nd STREET TRAFFIC SIGNAL**  
**SCHEDULE OF QUANTITIES**

SCALE: N/A      SHEET NO. 186 OF 362 SHEETS      STA. \_\_\_\_\_ TO STA. \_\_\_\_\_

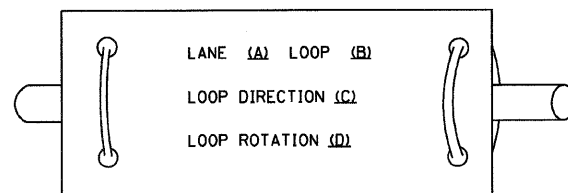
F.A.U. RTE. 1453	SECTION 55WRS	COUNTY	TOTAL SHEETS 362	SHEET NO. 186
CONTRACT NO. 60D12				
FED. ROAD DIST. NO. 7 ILLINOIS FED. AID PROJECT				
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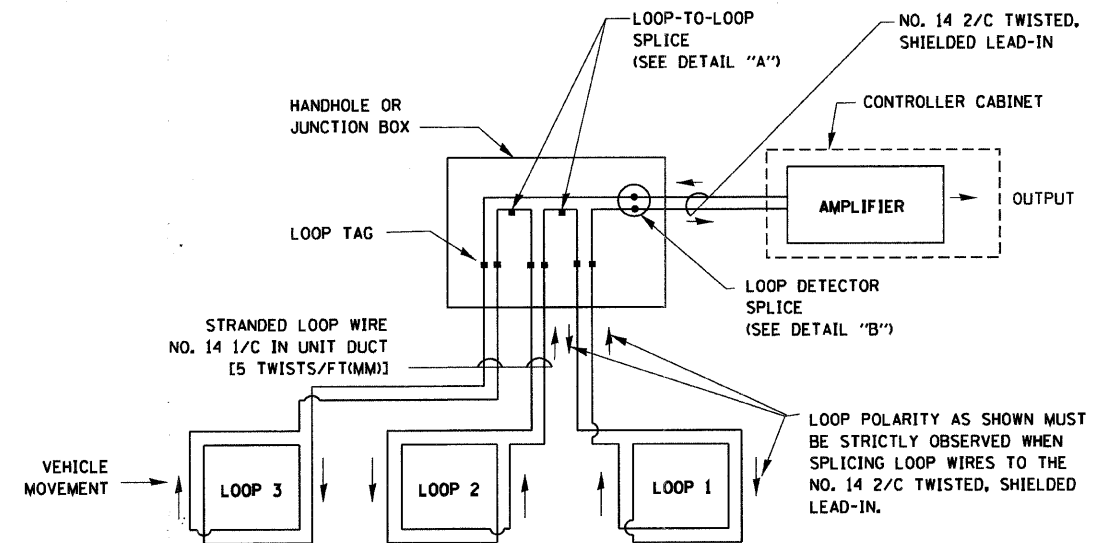
## LOOP DETECTOR NOTES

- EACH PAIR OF LOOP WIRES SHALL BE PLACED IN A SEPARATE UNIT DUCT FROM THE EDGE OF PAVEMENT TO THE HANDHOLE. SPACING BETWEEN THE HOLES DRILLED IN THE PAVEMENT SHALL NOT BE LESS THAN 6" (150 mm). UNIT DUCT SHALL BE INCLUDED IN THE COST OF THE LOOP WIRE.
- 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.
- 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.
- ALL LOOP CABLE SHALL BE FASTENED WITH PLASTIC TIE WRAP TO THE HANDHOLE HOOKS.
- IN ASPHALT PAVEMENT, LOOPS SHOULD BE PLACED IN THE BINDER AND DIVESHOLES 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.
- 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.
- PERFORMED DETECTOR LOOPS SHALL BE USED, AS SHOWN ON THE PLANS, WHERE NEW CONCRETE PAVEMENT IS PROPOSED. THE INSTALLATION OF PERFORMED LOOPS SHALL BE IN ACCORDANCE WITH THE DISTRICT 1 SPECIFICATIONS OR AS DIRECTED BY THE ENGINEER.

### LOOP LEAD-IN CABLE TAG

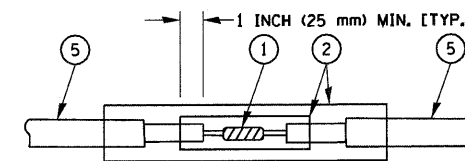


- LANE 1 IS THE LANE CLOSEST TO THE CENTERLINE OF THE ROADWAY
- LOOP #1 IS THE LOOP IN THE LANE CLOSEST TO THE INTERSECTION.
- LABEL LOOP CABLE "IN" OR LOOP CABLE "OUT".
- LABEL LOOP CABLE CLOCKWISE OR LOOP CABLE COUNTERCLOCKWISE.

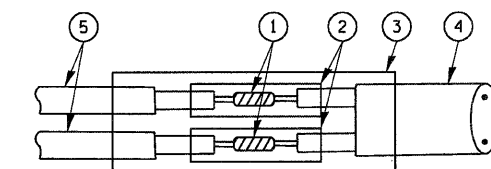


### DETECTOR LOOP WIRING SCHEMATIC

- 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.



DETAIL "A"  
LOOP-TO-LOOP SPLICE



DETAIL "B"  
LOOP-TO-CONTROLLER SPLICE

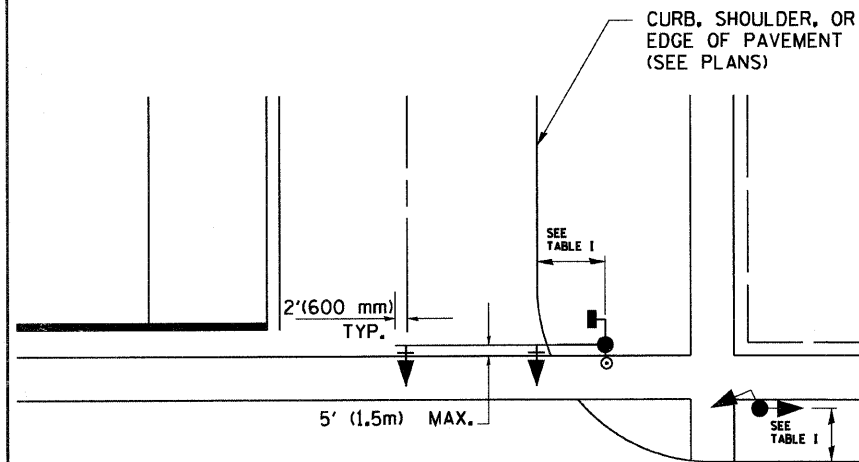
### LOOP DETECTOR SPLICE

- WESTERN UNION SPLICE SOLDERED WITH ROSIN CORE FLUX. ALL EXPOSED SURFACES OF THE SOLDER SHALL BE SMOOTH.
- WCSMW 30/100 HEAT SHRINK TUBE, MINIMUM LENGTH 3" (75 mm), UNDERWATER GRADE.
- WCS 200/750 HEAT SHRINK TUBE, MINIMUM LENGTH 6" (150 mm), UNDERWATER GRADE.
- NO. 14 2/C TWISTED, SHIELDED CABLE.
- LOOP CONDUCTOR WITH FLEXIBLE PLASTIC TUBE.

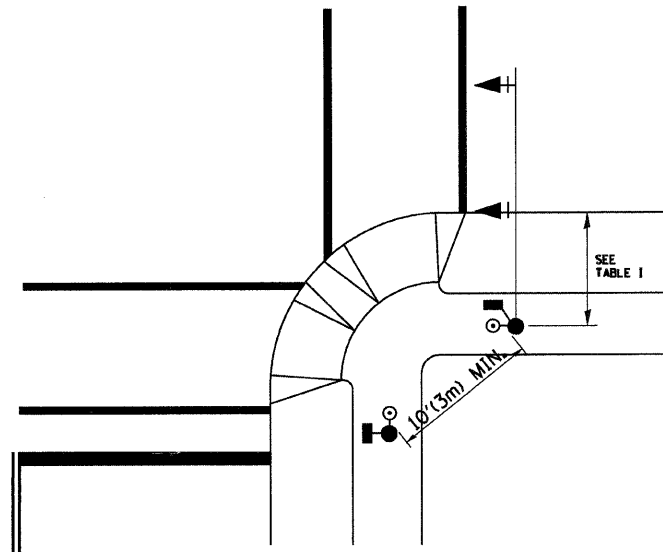
FILE NAME = W:\diststd\22x34\ts05.dgn	USER NAME = goglionobt	DESIGNED - D.A.D.	REVISED - 11-12-01	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>DISTRICT ONE STANDARD TRAFFIC SIGNAL DESIGN DETAILS</b>			F.A. RTE. 1453	SECTION 55WRS	COUNTY DUPAGE	TOTAL SHEETS 362	SHEET NO. 187
PLOT SCALE = 50,0000' / IN.	CHECKED - D.A.Z.	REVISOR - BUR, TRAFFIC 01-01-02	REVISOR -		SCALE: NONE	SHEET NO. 1 OF 4 SHEETS	STA. TO STA.	<b>TS-05</b>		CONTRACT NO. 60D12		
PLOT DATE = 1/4/2008	DATE - 05-30-00	REVISOR -	REVISOR -		FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT							

**TRAFFIC SIGNAL MAST ARM AND POST**

MAST ARM MOUNTED SIGNAL IN PROPOSED & FUTURE SIDEWALK AREA. INTERSECTION SHOWN WITH PEDESTRIAN SIGNAL AND PUSHBUTTON DETECTOR



**PEDESTRIAN SIGNAL PUSHBUTTON**



RECOMMENDED PUSHBUTTON LOCATIONS FOR ACCESSIBLE PEDESTRIAN SIGNALS SHALL BE IN ACCORDANCE WITH THE CURRENT MUTCD (SEE NOTE 1). TO MEET MUTCD REQUIREMENTS, PEDESTRIAN SIGNAL PUSHBUTTONS MAY HAVE TO BE MOUNTED ON A SEPARATE POST.

**NOTES:**

- AT ACCESSIBLE PEDESTRIAN SIGNAL LOCATIONS WITH PEDESTRIAN ACTUATION, EACH PUSHBUTTON SHALL ACTIVATE BOTH THE WALK INTERVAL AND THE ACCESSIBLE PEDESTRIAN SIGNALS.  
 AT ACCESSIBLE PEDESTRIAN SIGNAL LOCATIONS, PUSHBUTTONS SHOULD CLEARLY INDICATE WHICH CROSSWALK SIGNAL IS ACTUATED BY EACH PUSHBUTTON. PUSHBUTTONS AND TACTILE ARROWS SHOULD HAVE HIGH VISUAL CONTRAST (SEE THE DEPARTMENT OF JUSTICE'S AMERICANS WITH DISABILITIES ACT STANDARDS FOR ACCESSIBLE DESIGN, 1991). TACTILE ARROWS SHOULD POINT IN THE SAME DIRECTION AS THE ASSOCIATED CROSSWALK. AT CORNERS OF SIGNALIZED LOCATIONS WITH ACCESSIBLE PEDESTRIAN SIGNALS WHERE PEDESTRIAN PUSHBUTTONS ARE PROVIDED, THE PUSHBUTTONS SHOULD BE SEPARATED BY THE DISTANCE OF AT LEAST 10 FT (3m). THIS ENABLES PEDESTRIANS WHO HAVE VISUAL DISABILITIES TO DISTINGUISH AND LOCATE THE APPROPRIATE PUSHBUTTON.  
 PUSHBUTTONS FOR ACCESSIBLE PEDESTRIAN SIGNALS SHOULD BE LOCATED AS FOLLOWS:  
 A: ADJACENT TO A LEVEL ALL-WEATHER SURFACE TO PROVIDE ACCESS FROM A WHEELCHAIR, AND WHERE THERE IS AN ALL WEATHER SURFACE, WHEELCHAIR ACCESSIBLE ROUTE TO THE RAMP.  
 B: WITHIN 5 FT (1.5m) OF THE CROSSWALK EXTENDED.  
 C: WITHIN 10 FT (3m) OF THE EDGE OF CURB, SHOULDER, OR PAVEMENT.  
 D: PARALLEL TO THE CROSSWALK TO BE USED (SEE MUTCD FIGURE 4E-2).  
 E: NORMAL PEDESTRIAN PUSHBUTTON MOUNTING HEIGHT SHOULD BE 3.5 FT (1.05m) ABOVE ADJACENT SIDEWALK
- PEDESTRIAN SIGNAL FACES SHALL BE MOUNTED WITH THE BOTTOM OF THE HOUSING NOT LESS THAN 8 FT (2.4m) NOR MORE THAN 10 FT (3.0m) ABOVE THE SIDEWALK LEVEL AND SO THERE IS A PEDESTRIAN INDICATION IN THE LINE OF PEDESTRIANS' VISION WHICH PERTAINS TO THE CROSSWALK BEING USED.
- THE BOTTOM OF THE HOUSING OF A VEHICLE SIGNAL FACE, NOT MOUNTED OVER A ROADWAY, SHALL BE AT LEAST 10 FT (3.0m) BUT NOT MORE THAN 15 FT (4.5m) ABOVE THE SIDEWALK OR, ABOVE THE PAVEMENT GRADE AT THE CENTER OF THE HIGHWAY IF NO SIDEWALKS EXIST.
- THE BOTTOM OF THE HOUSING OF A VEHICLE SIGNAL FACE, MOUNTED OVER A ROADWAY, SHALL BE ACCORDING TO CURRENT STATE STANDARDS 877001 AND 877006. (16 FT (5m) MIN., 18 FT (5.5m) MAX., FROM HIGHEST POINT OF PAVEMENT)

**PEDESTRIAN SIGNAL POST**

PEDESTRIAN SIGNAL HEAD AND PEDESTRIAN PUSHBUTTON DETECTOR LOCATION

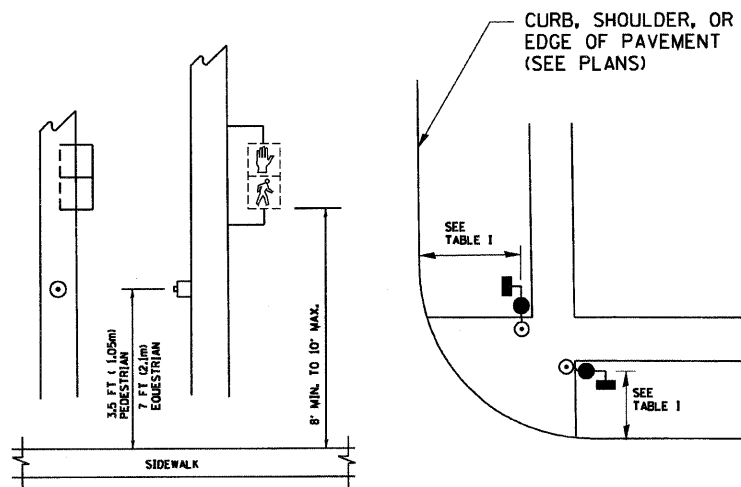


TABLE I

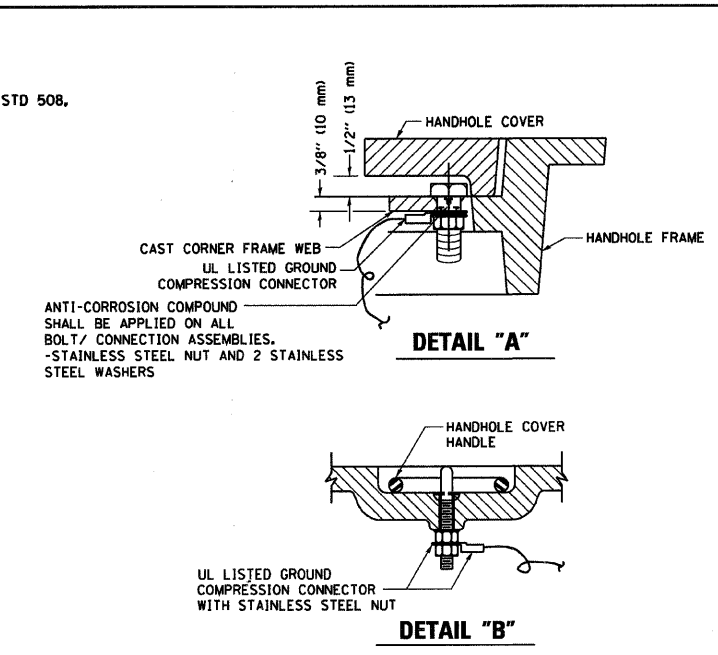
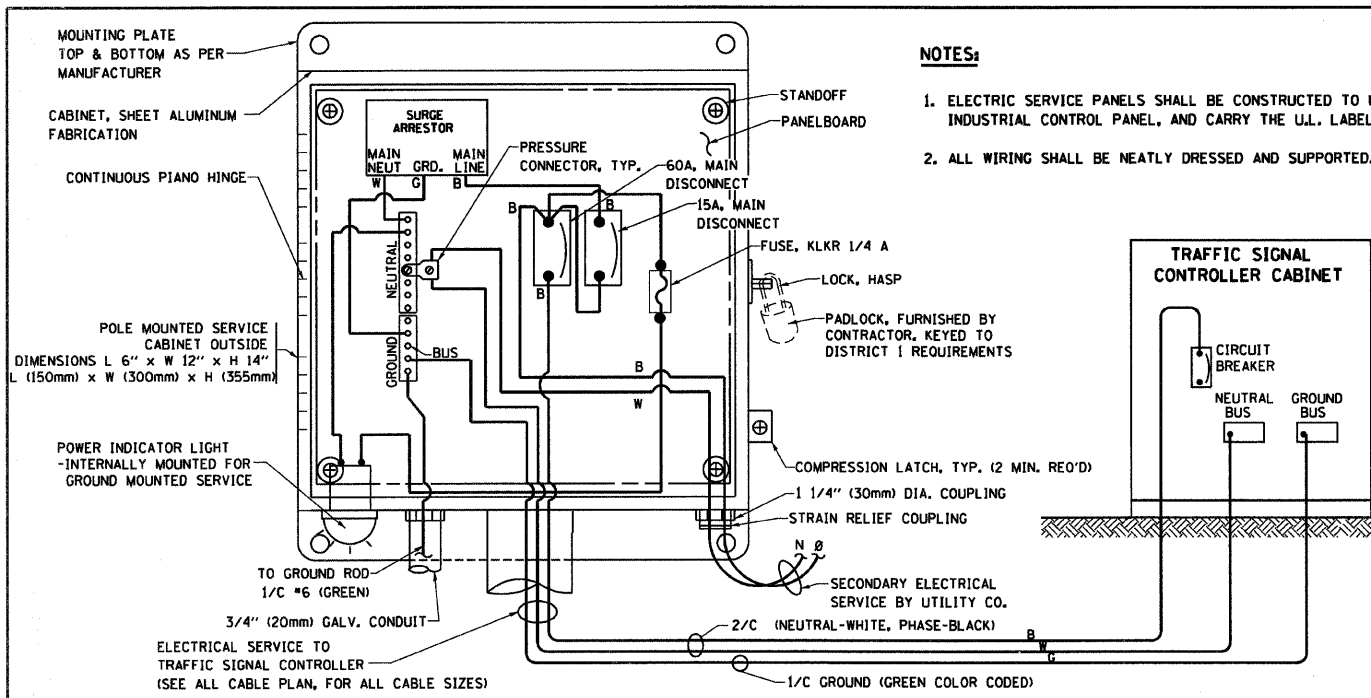
TRAFFIC SIGNAL EQUIPMENT	COMBINATION CONCRETE CURB AND GUTTER (MIN. DIST. FROM BACK OF CURB)	SHOULDER/NON-CURBED AREA (MIN. DIST. FROM EDGE OF PAVEMENT)
TRAFFIC SIGNAL MAST ARM POLE	6 FT (1.8m)	SHOULDER WIDTH + 2FT(0.6m), MINIMUM 10FT(3.0m)
TRAFFIC SIGNAL POST	4 FT (1.2m)	SHOULDER WIDTH + 2FT(0.6m), MINIMUM 10FT(3.0m)
PEDESTRIAN SIGNAL POST	4 FT (1.2m)	SHOULDER WIDTH + 2FT(0.6m), MINIMUM 10FT(3.0m)
PEDESTRIAN PUSHBUTTON	SEE NOTE 1	SEE NOTE 1

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		DRAWN - R.W.P.	REVISED -
	PLOT SCALE = 50.0000' / IN.	CHECKED - D.A.Z.	REVISED -
	PLOT DATE = 1/4/2008	DATE -	REVISED -

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

DISTRICT ONE			
STANDARD TRAFFIC SIGNAL DESIGN DETAILS			
SCALE: NONE	SHEET NO. 2 OF 4 SHEETS	STA.	TO STA.

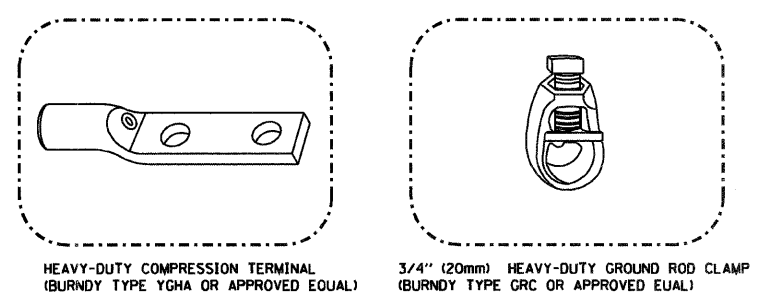
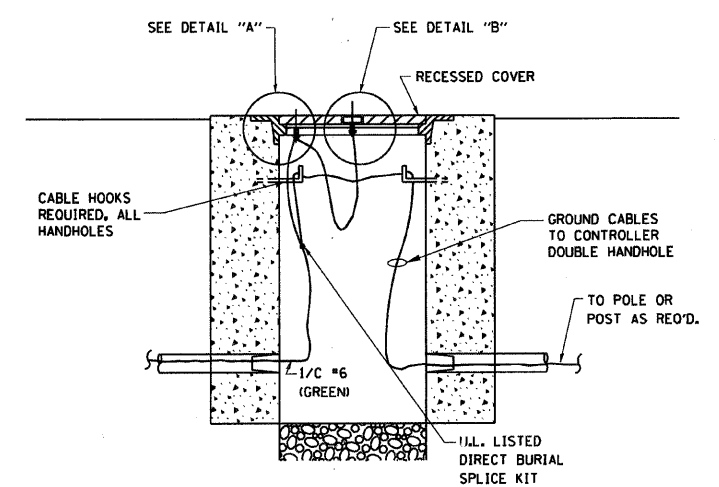
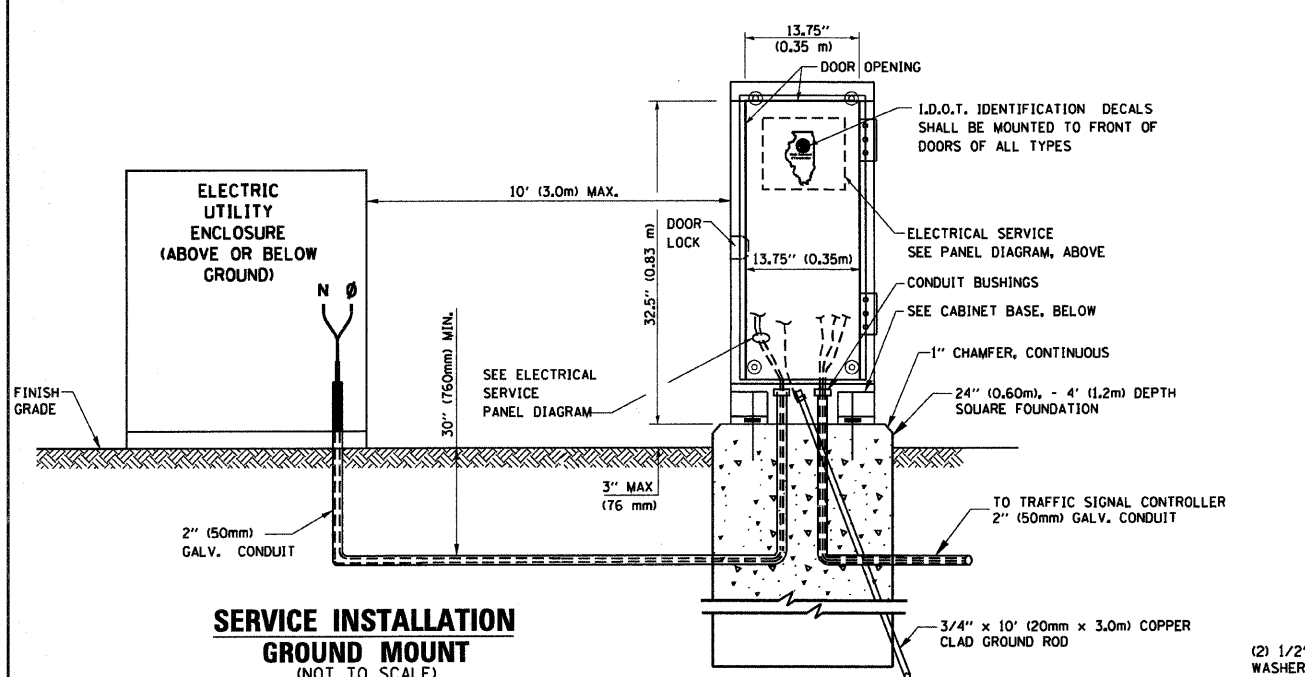
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1453	55WRS	DUPAGE	362	188
TS-05		CONTRACT NO. 60D12		
FED. ROAD DIST. NO. 1   ILLINOIS FED. AID PROJECT				



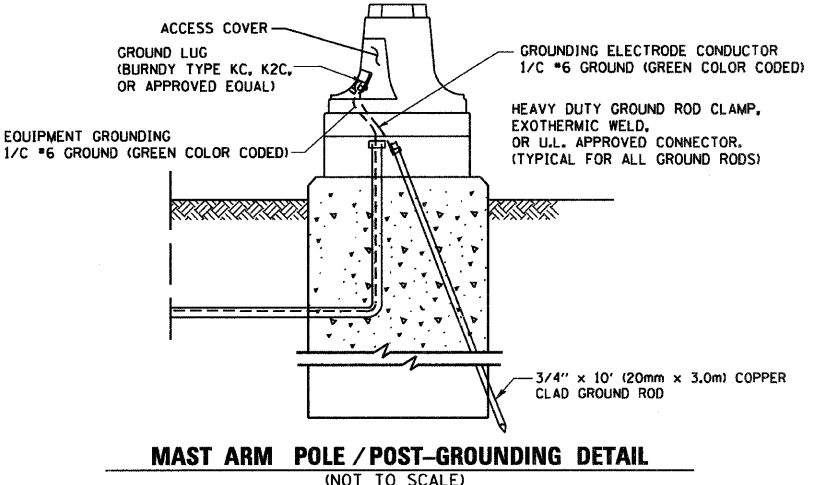
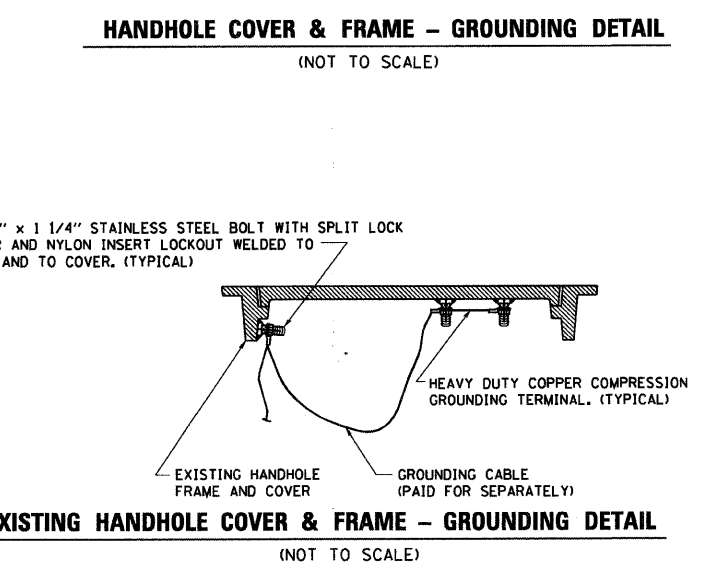
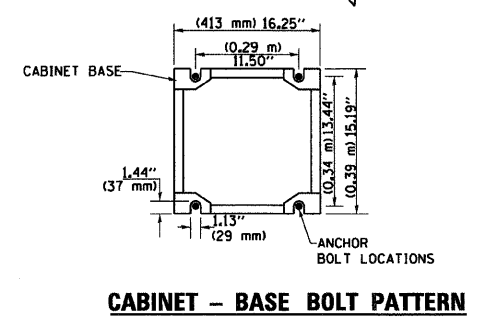
- NOTES:**
- GROUNDING SYSTEM**
1. THE GROUNDING SYSTEM SHALL CONSIST OF AN INSULATED CONDUCTOR TYPE XLP, NO. 6 A.W.G., STRANDED COPPER TO BE INSTALLED IN RACEWAYS. THE GROUNDING CABLE SHALL BE INSTALLED IN A CONTINUOUS MANNER AS SHOWN ON THE CABLE PLAN PROVIDED. ALL GROUNDING CONDUCTORS SHALL BE BONDED 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.

**ELECTRICAL SERVICE - PANEL DIAGRAM (TYPICAL FOR POLE AND GROUND MOUNTED SERVICE)**

**SERVICE INSTALLATION POLE MOUNT (SHOWN)**  
(NOT TO SCALE)



- NOTES:**
- ALL CLAMPS SHALL BE BRONZE OR COPPER, U.L. APPROVED.
  - GROUND CABLE SHALL BE LOOPE 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.



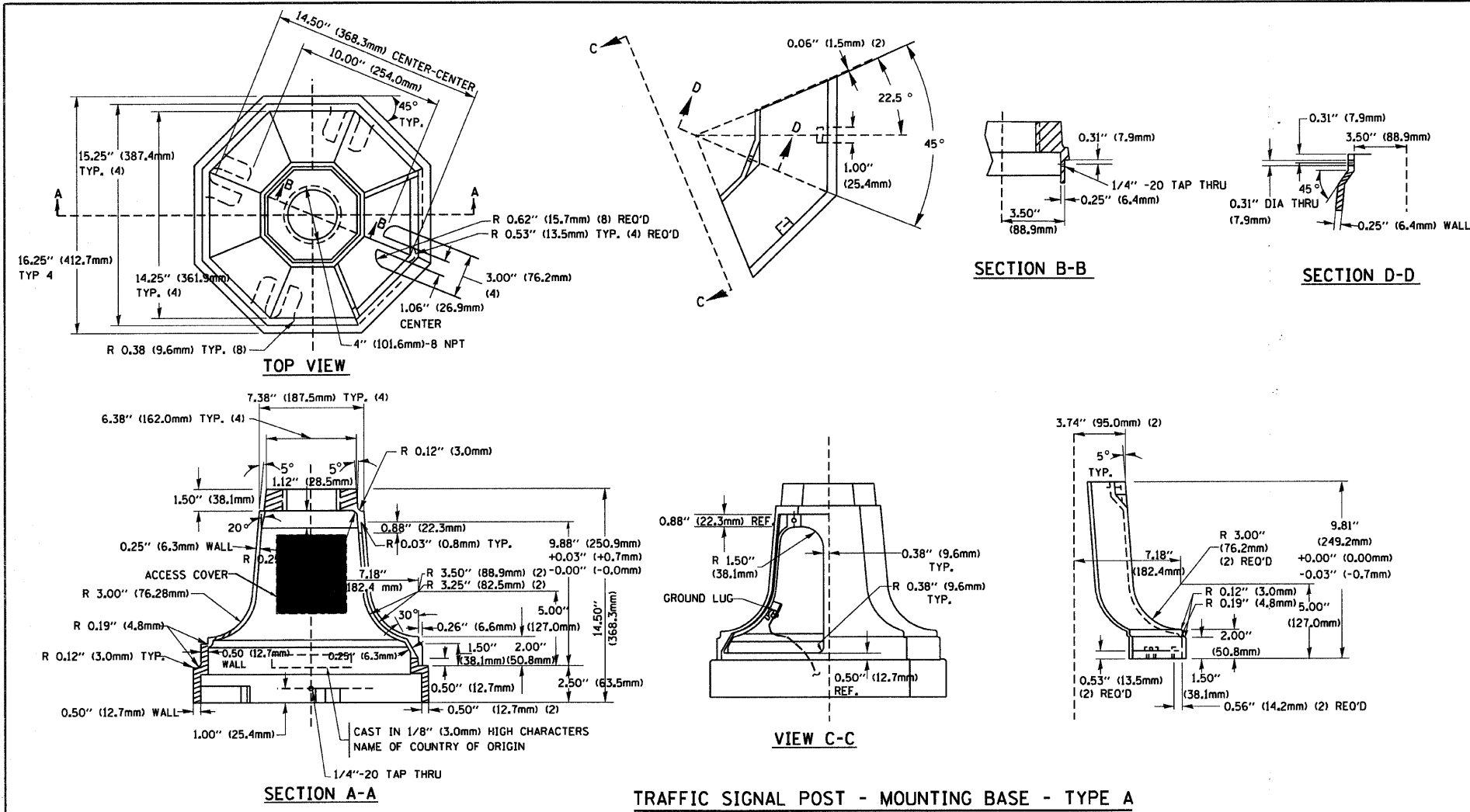
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		DRAWN - R.W.P.	REVISED - BUR. TRAFFIC 01-01-02
	PLOT SCALE = 50.0000 / IN.	CHECKED - D.A.Z.	REVISED -
	PLOT DATE = 1/4/2008	DATE - 05-30-00	REVISED -

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

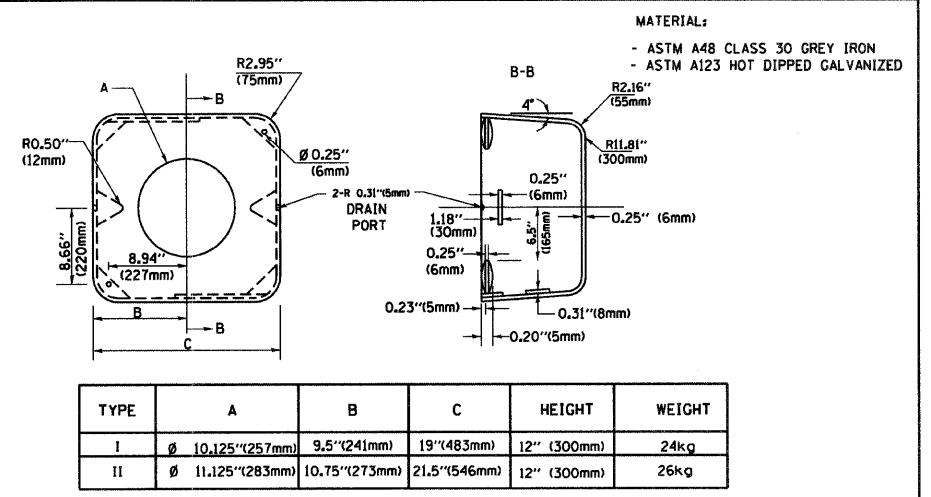
**DISTRICT ONE**  
**STANDARD TRAFFIC SIGNAL DESIGN DETAILS**

SCALE: NONE SHEET NO. 3 OF 4 SHEETS STA. TO STA.

F.A. RTE. 1453	SECTION 55WRS	COUNTY DUPAGE	TOTAL SHEETS 362	SHEET NO. 189
TS-05			CONTRACT NO. 60D12	
FED. ROAD DIST. NO. 1 (ILLINOIS) FED. AID PROJECT				

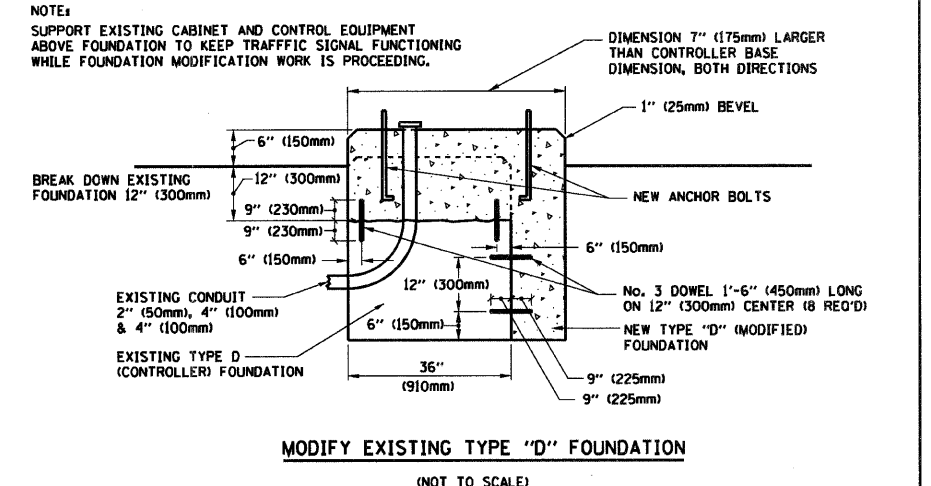


TRAFFIC SIGNAL POST - MOUNTING BASE - TYPE A

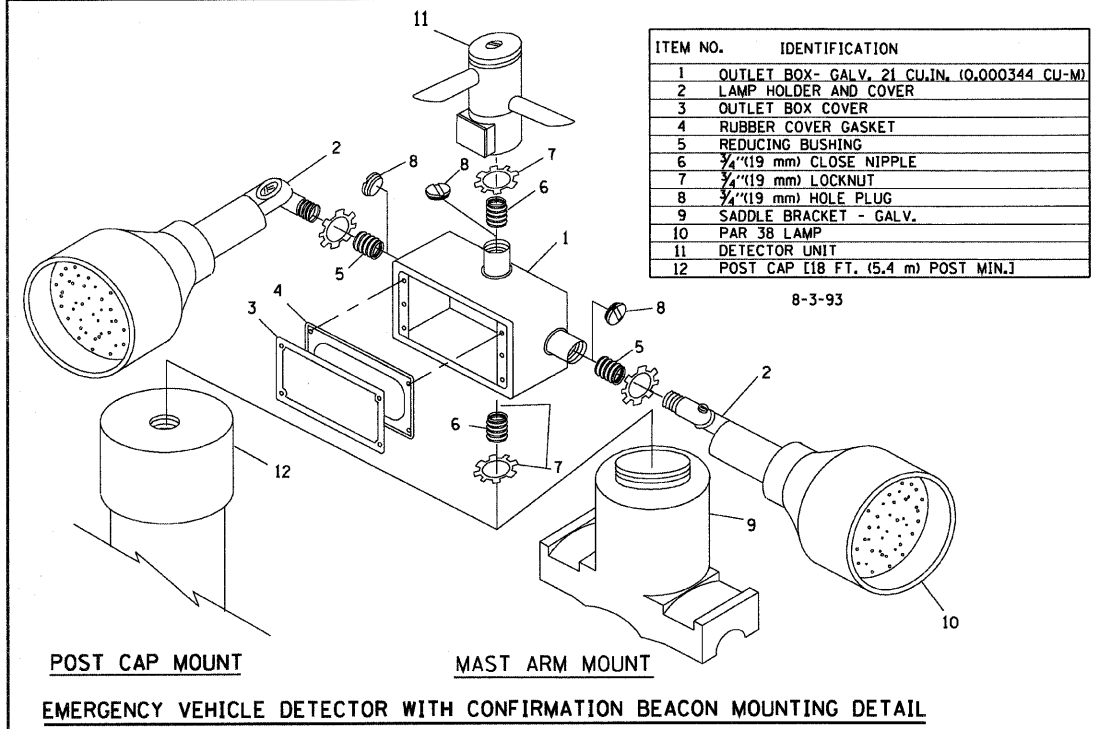


TYPE	A	B	C	HEIGHT	WEIGHT
I	Ø 10.125" (257mm)	9.5" (241mm)	19" (483mm)	12" (300mm)	24kg
II	Ø 11.125" (283mm)	10.75" (273mm)	21.5" (546mm)	12" (300mm)	26kg

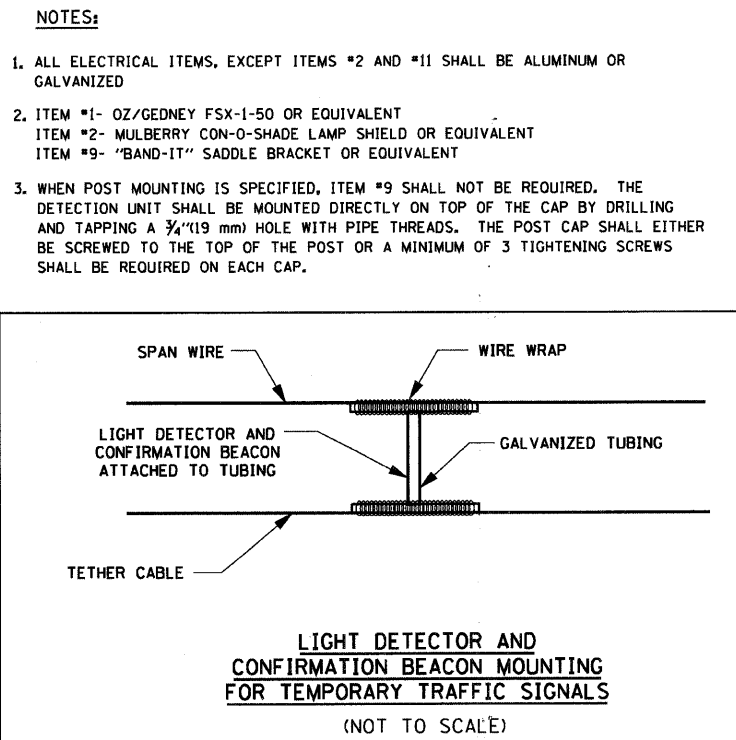
SHROUD DETAIL



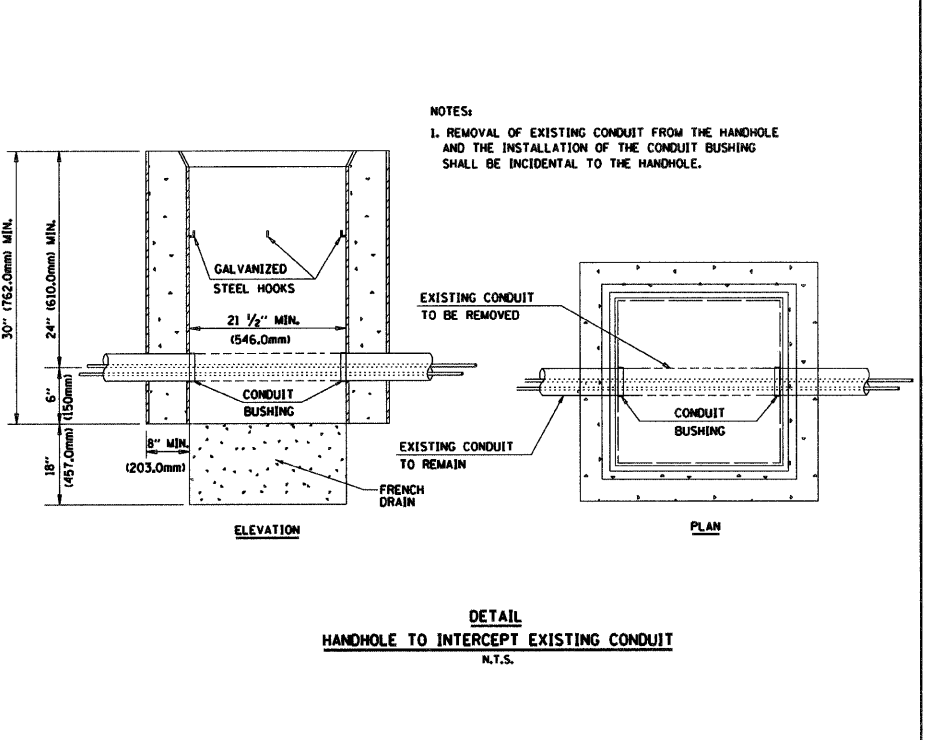
MODIFY EXISTING TYPE "D" FOUNDATION



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



LIGHT DETECTOR AND CONFIRMATION BEACON MOUNTING FOR TEMPORARY TRAFFIC SIGNALS (NOT TO SCALE)



DETAIL HANDHOLE TO INTERCEPT EXISTING CONDUIT N.T.S.

- TEMPORARY TRAFFIC SIGNAL LEGEND**
- ◀ TEMPORARY TRAFFIC SIGNAL HEAD SPAN WIRE MOUNTED ORIGINAL LOCATION
  - ⊗ TEMPORARY WOOD POLE (CLASS 5 OR BETTER) 45 FOOT (13.7m) MINIMUM
  - ☒ TEMPORARY CONTROLLER CABINET
  - TEMPORARY SPAN WIRE, TETHER WIRE, AND CABLE
  - ☐ TEMPORARY SERVICE INSTALLATION
  - ⊕ TEMPORARY PEDESTRAIN SIGNAL HEAD, BRACKET MOUNTED
  - ⊙ PEDESTRIAN PUSHBUTTON DETECTOR
  - ⚡ EMERGENCY VEHICLE LIGHT DETECTOR
  - ☑ CONFIRMATION BEACON
  - VEHICLE DETECTOR, INDUCTION LOOP
  - CT COMMON TRENCH
  - UD UNIT DUCT
  - G.S. CONDUIT IN TRENCH OR PUSHED
  - H HEAVY DUTY HANDHOLE
  - 📹 VIDEO VEHICLE DETECTION CAMERA
  - ▨ TEMPORARY VIDEO DETECTION ZONE (50' TYPICAL)
  - ⊕ TEMPORARY RADIO INTERCONNECT
  - B UNINTERRUPTIBLE POWER SUPPLY

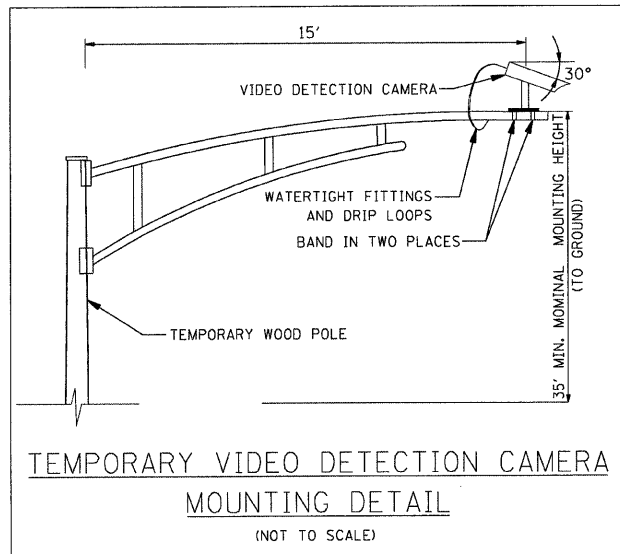
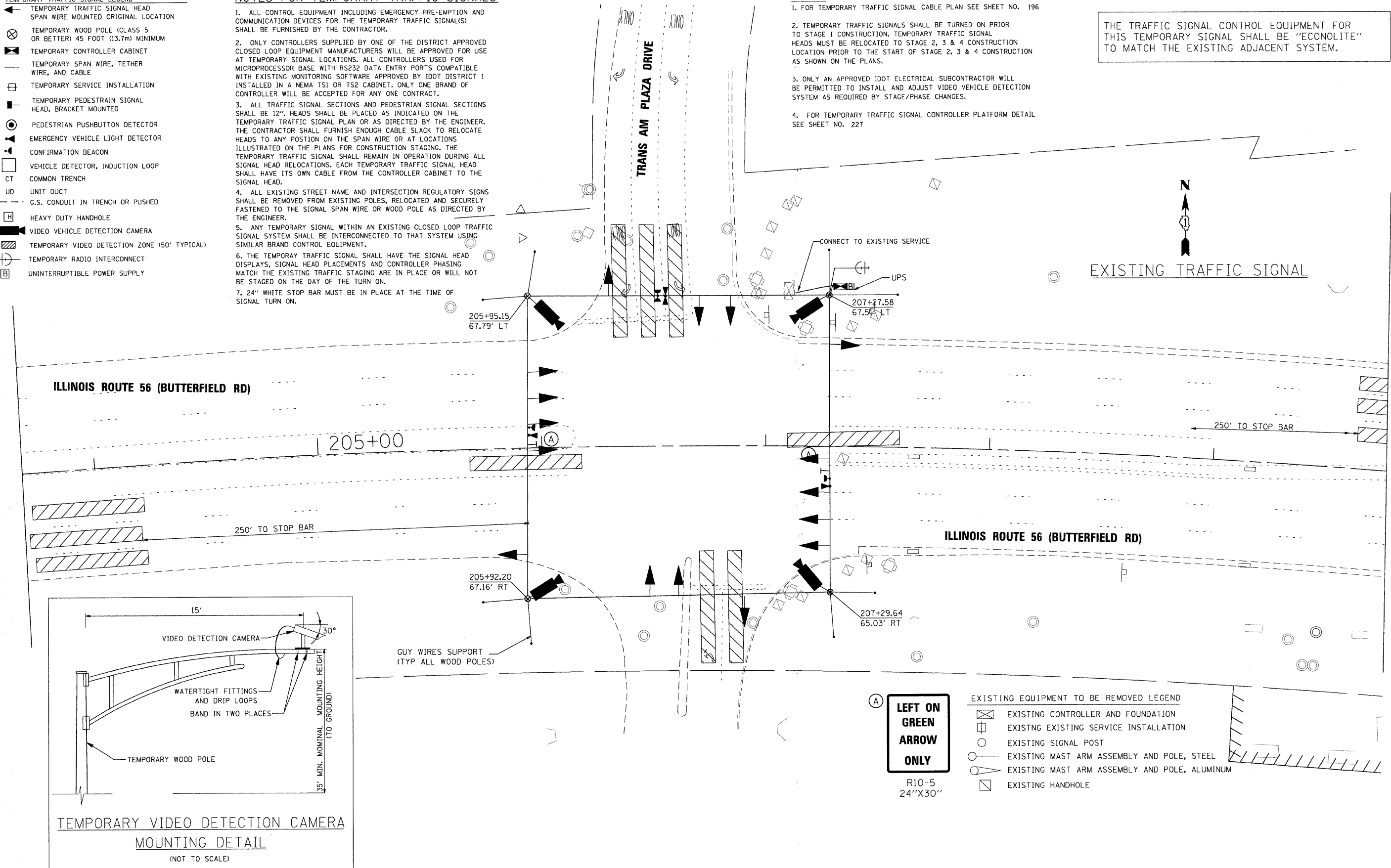
**NOTES FOR TEMPORARY TRAFFIC SIGNALS**

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 MICROPROCESSOR BASE WITH RS232 DATA ENTRY PORTS COMPATIBLE WITH EXISTING 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 12". HEADS SHALL BE PLACED AS INDICATED ON THE TEMPORARY TRAFFIC SIGNAL PLAN OR AS DIRECTED BY THE ENGINEER. 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 MATCH THE EXISTING TRAFFIC SIGNAL STAGING ARE IN PLACE OR WILL NOT BE STAGED ON THE DAY OF THE TURN ON.
7. 24" WHITE STOP BAR MUST BE IN PLACE AT THE TIME OF SIGNAL TURN ON.

**NOTES**

1. FOR TEMPORARY TRAFFIC SIGNAL CABLE PLAN SEE SHEET NO. 196
2. TEMPORARY TRAFFIC SIGNALS SHALL BE TURNED ON PRIOR TO STAGE I CONSTRUCTION. TEMPORARY TRAFFIC SIGNAL HEADS MUST BE RELOCATED TO STAGE 2, 3 & 4 CONSTRUCTION LOCATION PRIOR TO THE START OF STAGE 2, 3 & 4 CONSTRUCTION AS SHOWN ON THE PLANS.
3. ONLY AN APPROVED IDOT ELECTRICAL SUBCONTRACTOR WILL BE PERMITTED TO INSTALL AND ADJUST VIDEO VEHICLE DETECTION SYSTEM AS REQUIRED BY STAGE/PHASE CHANGES.
4. FOR TEMPORARY TRAFFIC SIGNAL CONTROLLER PLATFORM DETAIL SEE SHEET NO. 227

THE TRAFFIC SIGNAL CONTROL EQUIPMENT FOR THIS TEMPORARY SIGNAL SHALL BE "ECONOLITE" TO MATCH THE EXISTING ADJACENT SYSTEM.



**LEFT ON GREEN ARROW ONLY**  
R10-5  
24"X30"

- EXISTING EQUIPMENT TO BE REMOVED LEGEND**
- ☒ EXISTING CONTROLLER AND FOUNDATION
  - ☐ EXISTING SERVICE INSTALLATION
  - EXISTING SIGNAL POST
  - ⊕ EXISTING MAST ARM ASSEMBLY AND POLE, STEEL
  - ⊕ EXISTING MAST ARM ASSEMBLY AND POLE, ALUMINUM
  - ☐ EXISTING HANDHOLE

FILE NAME: P:\2007\me07881.22nd.street\add\sh\ts\1160012-SHT-TTS00-TransAm-01.dgn  
 USER: ME  
 MILLENNIA ENGINEERING

**MILLENNIA ENGINEERING**  
 200 22ND Street, Suite 216, Lombard, IL 60148  
 630.705.0110 voice, 630.839.2566 fax  
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DRAWN - TVN	REVISED -
CHECKED - RPD	REVISED -
DATE - 7/24/2009	REVISED -

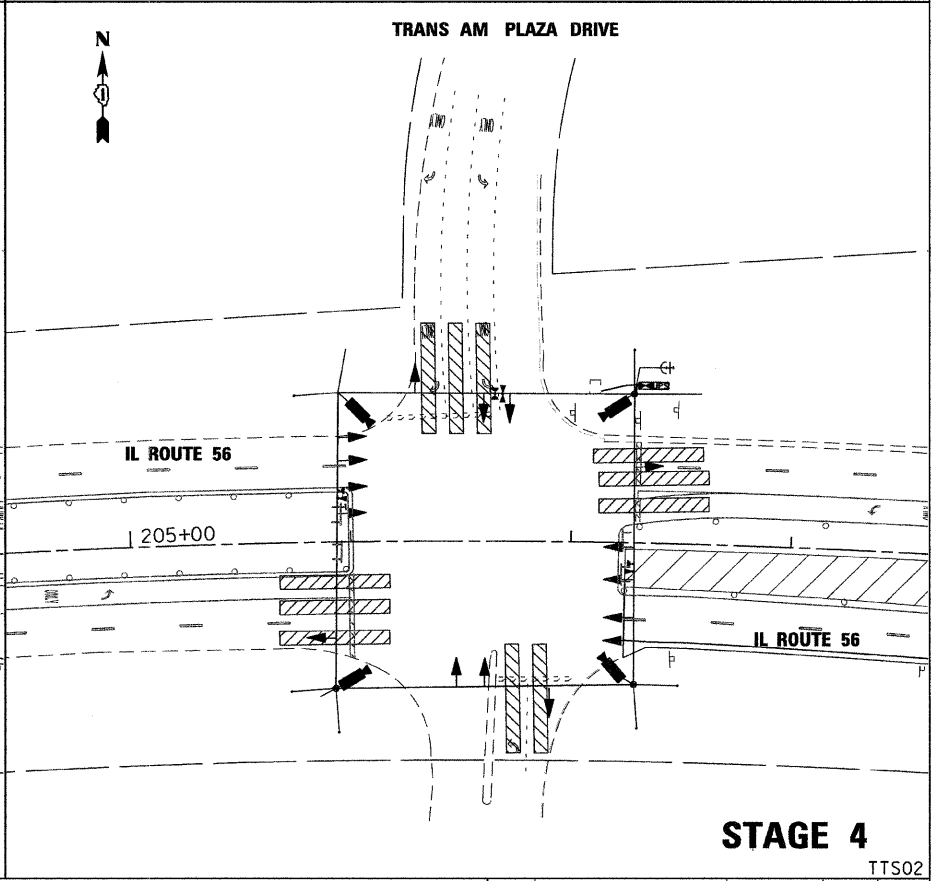
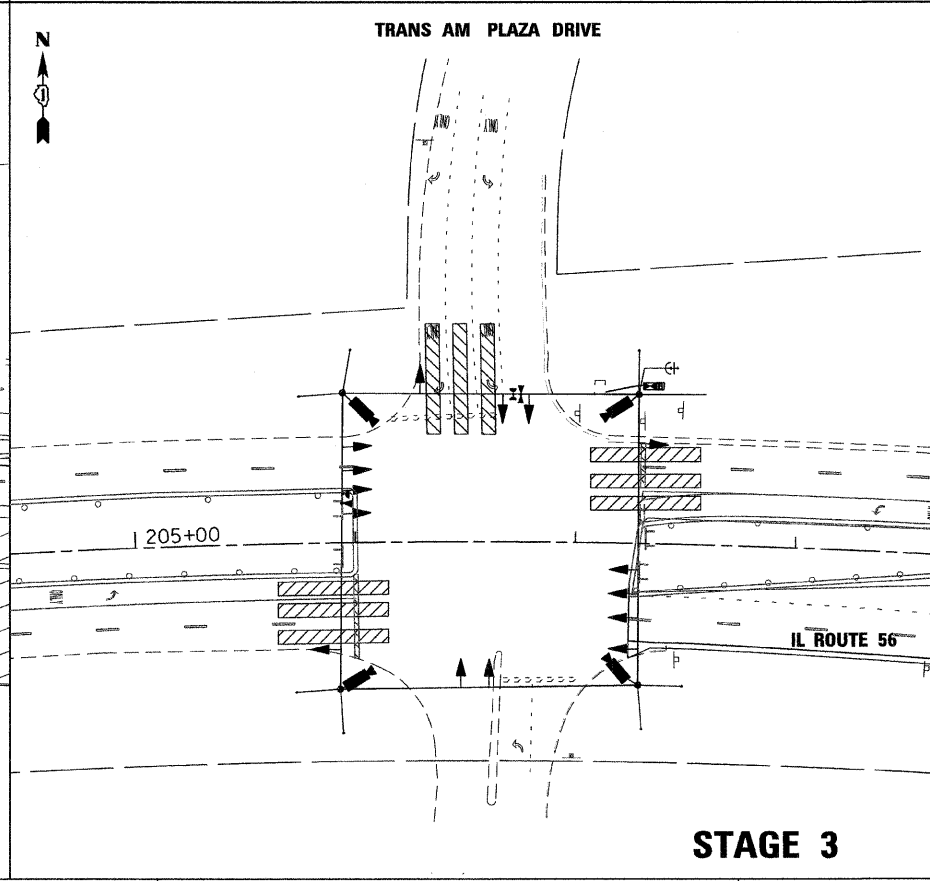
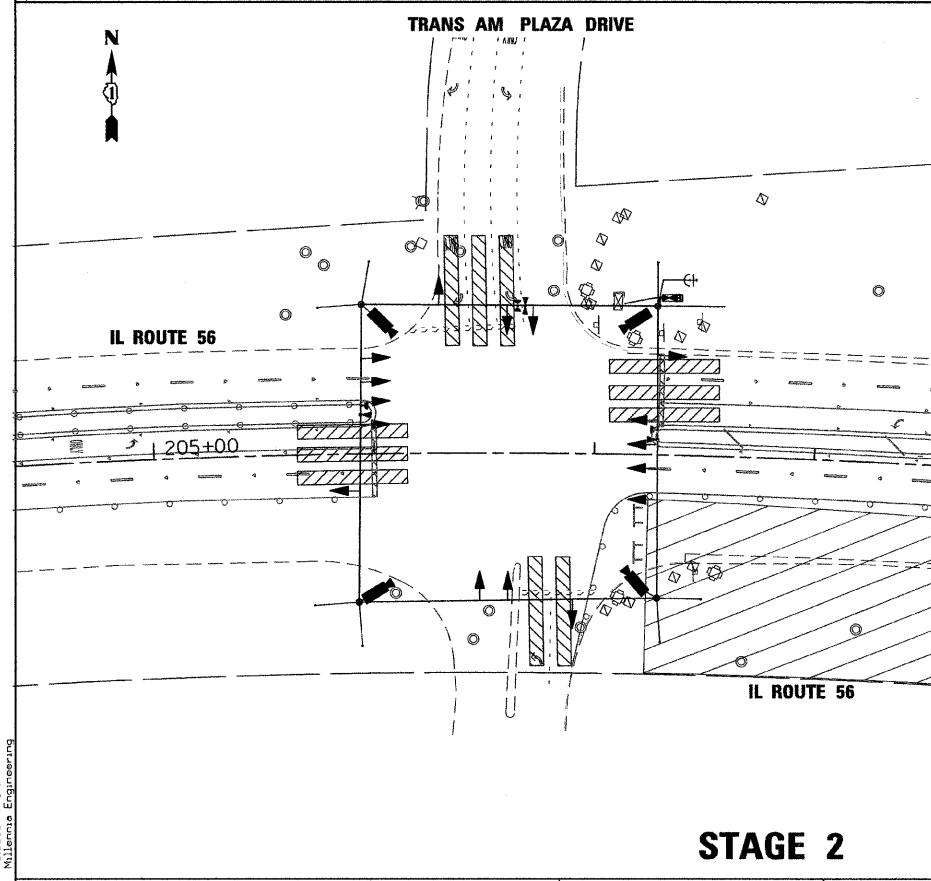
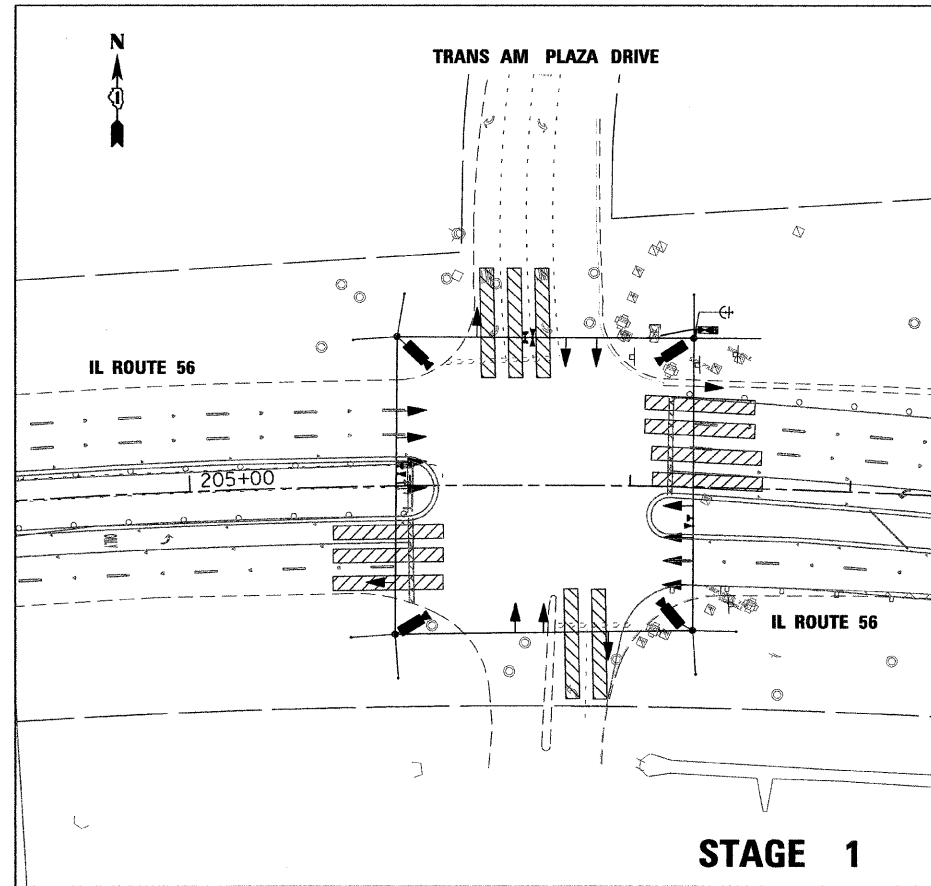
**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**ILLINOIS RTE 56 AT TRANS AM PLAZA DR  
TEMPORARY TRAFFIC SIGNAL INSTALLATION PLAN**  
 SCALE: 1"=20' SHEET NO. 191 OF 362 SHEETS STA. TO STA.

F.A.U. RTE. 1453	SECTION 55WRS	COUNTY DUPAGE	TOTAL SHEETS 362	SHEET NO. 191
FED. ROAD DIST. NO. 7 ILLINOIS FED. AID PROJECT				
CONTRACT NO. 60D12				

TTS01

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FILE NAME : P:\2007\ME\07081\_22nd.Street\Cadd\Shets\160012-SHT-TTS00-TransAm-02.dgn  
 PLOT SCALE = 48/0000 / IN.  
 USER NAME : Millennia Engineering

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 630.705.0110 voice, 630.839.2566 fax  
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DRAWN - TVN	REVISED -
CHECKED - RPD	REVISED -
DATE - 10/05/2009	REVISED -

**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

**ILLINOIS RTE 56 AT TRANS AM PLAZA DR  
 TEMPORARY TRAFFIC SIGNAL M.O.T. STAGING PLAN**

SCALE: SHEET NO.192 OF 362 SHEETS STA. TO STA.

F.A.U. RTE. 1453	SECTION 55WRS	COUNTY	TOTAL SHEETS 362	SHEET NO. 192
FED. ROAD DIST. NO. 7 ILLINOIS FED. AID PROJECT			CONTRACT NO. 60D12	

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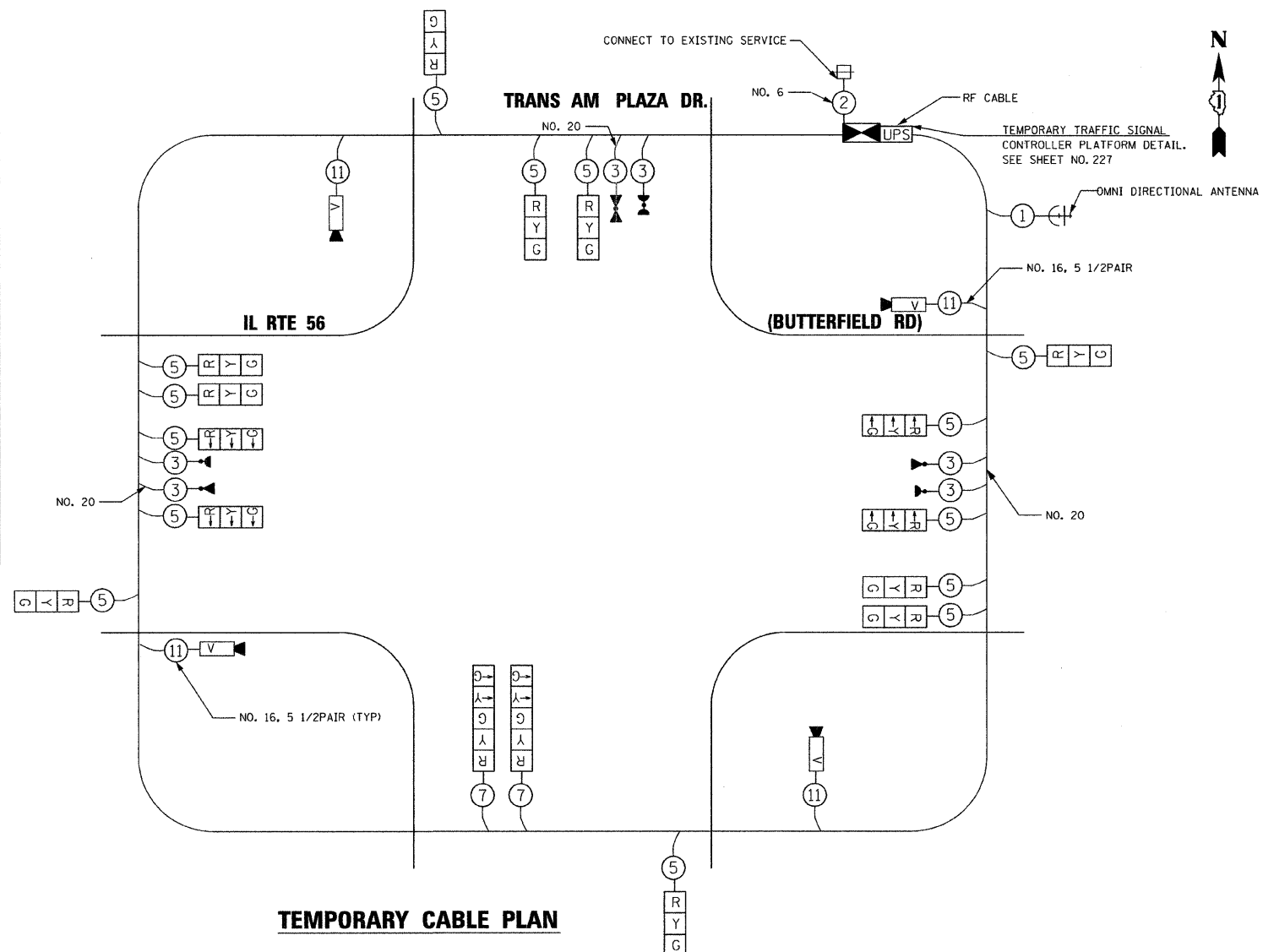
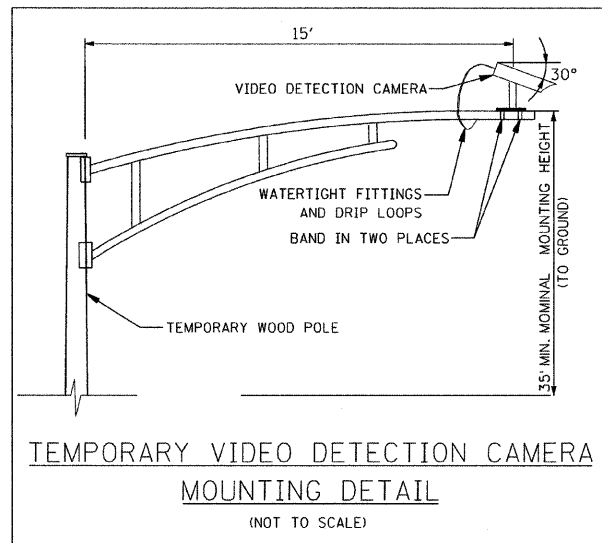
**TEMPORARY CABLE DIAGRAM LEGEND**

- R TEMPORARY TRAFFIC SIGNAL SECTION OR PEDESTRIAN SIGNAL SECTION 12" (300mm)
- C TEMPORARY CONTROLLER CABINET
- 2 INDICATES NUMBER OF CONDUCTORS IN CABLE. ALL CONDUCTORS TO BE NUMBER 14 AWG WIRE UNLESS OTHERWISE NOTED.
- S TEMPORARY SERVICE INSTALLATION
- V EMERGENCY VEHICLE LIGHT DETECTOR
- B CONFIRMATION BEACON
- P PEDESTRIAN PUSHBUTTON DETECTOR
- V VEHICLE DETECTOR, INDUCTION LOOP
- V VIDEO VEHICLE DETECTION CAMERA
- C CLOSED CIRCUIT TV
- T TELEPHONE CONNECTION
- R TEMPORARY RADIO INTERCONNECT
- UPS UNINTERRUPTIBLE POWER SUPPLY

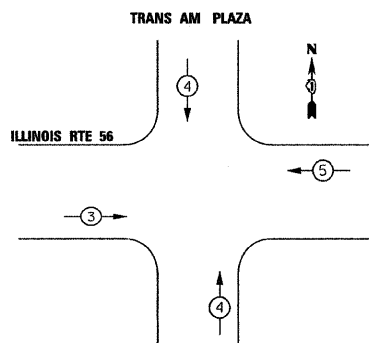
**NOTES**

1. ONLY AN APPROVED IDOT ELECTRICAL SUBCONTRACTOR WILL BE PERMITTED TO INSTALL AND ADJUST VIDEO VEHICLE DETECTION SYSTEM AS REQUIRED BY STAGE/PHASE CHANGES.
2. FOR TEMPORARY TRAFFIC SIGNAL CONTROLLER PLATFORM DETAIL. SEE SHEET NO. 227

THE TRAFFIC SIGNAL CONTROL EQUIPMENT FOR THIS TEMPORARY SIGNAL SHALL BE "ECONOLITE" TO MATCH THE EXISTING ADJACENT SYSTEM.



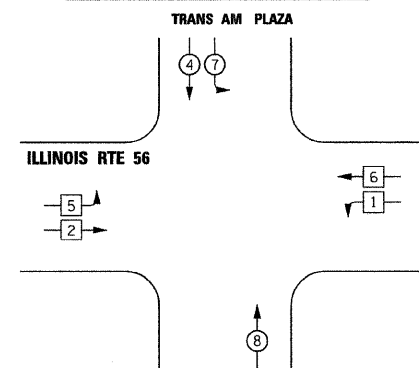
**EMERGENCY VEHICLE PREEMPTION SEQUENCE**



PROPOSED  
EMERGENCY VEHICLE PREEMPTORS

EMERGENCY VEHICLE PREEMPTOR	3	4	5
MOVEMENT	↔	↕	↔

**TEMPORARY CONTROLLER SEQUENCE**



**LEGEND**

- S SINGLE ENTRY PHASE
- D DUAL ENTRY PHASE
- OL OVERLAP
- P PEDESTRIAN PHASE
- NUMBER REFERS TO ASSOCIATED PHASE

FILE NAME = P:\2007\ME07081\22nd.Street\Cadd\Shets\160D12-SHT-TTS00-TransAm-03.dgn  
 PLOT SCALE = 28.00000 / IN.  
 USER NAME = Millennia Engineering

I.D.O.T TRAFFIC SIGNAL INSTALLATION ELECTRICAL SERVICE REQUIREMENTS					TOTAL WATTAGE
TYPE	NO. OF LAMPS	WATTAGE INCAND.	L.E.D.	OPERATION	
SIGNAL (RED)	16	135	17	0.50	136
(YELLOW)	16	135	25	0.25	100
(GREEN)	16	135	15	0.25	60
ARROW	4	135	12	0.10	4.8
PED. SIGNAL		90	25	1.00	
CONTROLLER	1	100	100	1.00	100
ILLUM. SIGN		84		0.05	
TOTAL					460.8
ILLINOIS DEPARTMENT OF TRANSPORTATION DIVISION OF HIGHWAY/DISTRICT 1 201 CENTER CT/SCHAUMBURG, IL 60196-1096 ENERGY SUPPLY - CONTACT: DEB RANKIN PHONE: 630-691-4379 COMPANY: COMMONWEALTH EDISON					

200 22ND Street, Suite 216, Lombard, IL 60148  
 630.785.0110 voice, 630.839.2566 fax  
 www.milleniaeng.com

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CHECKED - RPD	REVISED -
DATE - 10/05/2009	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**ILLINOIS ROUTE 56 AT TRANS AM PLAZA DR  
TEMPORARY TRAFFIC SIGNAL CABLE PLAN, AND  
PHASE DESIGNATION DIAGRAM**

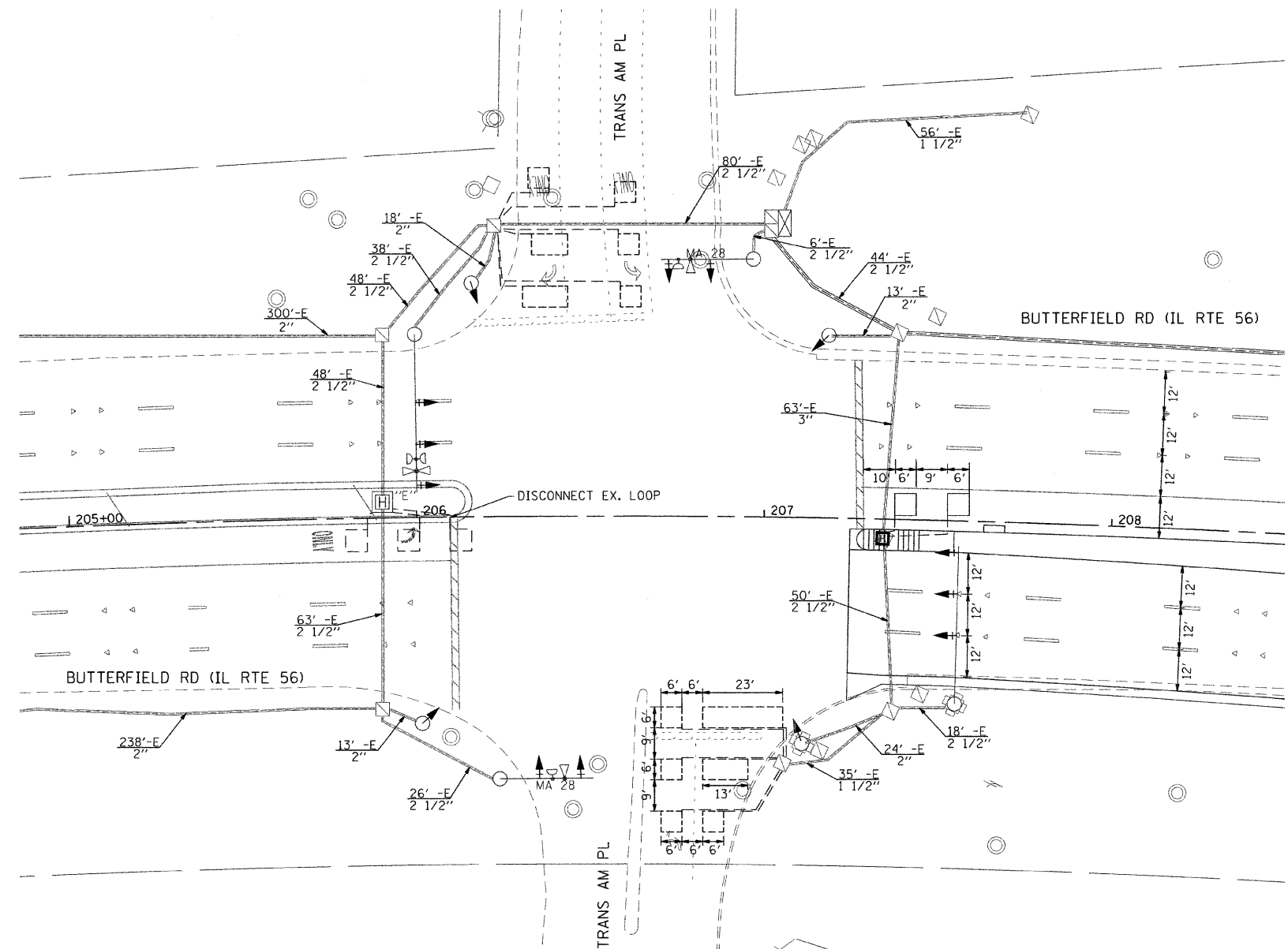
F.A.U. RTE. 1453	SECTION 55WRS	COUNTY	TOTAL SHEETS 362	SHEET NO. 193
SCALE: N/A			SHEET NO. 193 OF 362 SHEETS	
DATE: 10/05/2009			CONTRACT NO. 60D12	

TTS03

FED. ROAD DIST. NO. 7 ILLINOIS FED. AID PROJECT

THE TRAFFIC SIGNAL CONTROL EQUIPMENT FOR THIS SIGNAL SHALL BE "ECONOLITE" TO MATCH THE EXISTING ADJACENT SYSTEM.

- NOTE**
1. REPLACE ALL EXISTING SIGNAL HEADS WITH NEW SIGNAL HEAD LED TO MEET SECTION 1078 OF THE STANDARD SPECIFICATIONS.
  2. ALL EXISTING CONDUIT SHALL BE MAINTAINED FOR THIS INSTALLATION.
  3. NEW TRAFFIC SIGNAL CABLES WILL BE INSTALLED FOR THE EXTRA HEAD PER LANE WHERE ALL EXISTING CABLES WILL BE REUSED.



TRAFFIC SIGNAL LEGEND		PROPOSED	EXISTING	DESCRIPTION	PROPOSED	EXISTING
CONTROLLER		[Symbol]	[Symbol]	PEDESTRIAN PUSHBUTTON DETECTOR	[Symbol]	[Symbol]
SERVICE INSTALLATION		[Symbol]	[Symbol]	DETECTOR LOOP	[Symbol]	[Symbol]
SIGNAL HEAD		[Symbol]	[Symbol]	PREFORMED DETECTOR LOOP	[Symbol]	[Symbol]
SIGNAL HEAD WITH BACKPLATE		[Symbol]	[Symbol]	CAST IRON JUNCTION BOX	[Symbol]	[Symbol]
SIGNAL HEAD, PEDESTRIAN		[Symbol]	[Symbol]	EMERGENCY VEHICLE SYSTEM DETECTOR	[Symbol]	[Symbol]
SIGNAL POST		[Symbol]	[Symbol]	CONFIRMATION BEACON	[Symbol]	[Symbol]
MAST ARM ASSEMBLY AND POLE, STEEL		[Symbol]	[Symbol]	SIGNAL HEAD OPTICALLY PROGRAMMED	[Symbol]	[Symbol]
MAST ARM ASSEMBLY AND POLE, ALUMINUM		[Symbol]	[Symbol]	CONDUIT SPLICE	[Symbol]	[Symbol]
COMMON TRENCH		[Symbol]	[Symbol]	WOOD POLE	[Symbol]	[Symbol]
UNIT DUCT		[Symbol]	[Symbol]	RACEWAY FOR MAGNETIC DETECTOR, TYPE I OR TYPE II	[Symbol]	[Symbol]
HANDHOLE		[Symbol]	[Symbol]	VEHICLE DETECTOR, NON-COMPENSATED	[Symbol]	[Symbol]
HEAVY DUTY HANDHOLE		[Symbol]	[Symbol]	MAGNETIC TYPE	[Symbol]	[Symbol]
DOUBLE HANDHOLE		[Symbol]	[Symbol]	RAILROAD CONTROL CABINET	[Symbol]	[Symbol]
G.S. CONDUIT IN TRENCH OR PUSHED		[Symbol]	[Symbol]	UNINTERRUPTIBLE POWER SUPPLY (UPS)	[Symbol]	[Symbol]
				CONCRETE FOUNDATION TYPE "C" (TRAFFIC SIGNAL CABINETS WITH UNINTERRUPTIBLE POWER SUPPLY)	[Symbol]	[Symbol]

FILE NAME : P:\2007\ME07881\22nd.Street\Sheet\Cadd\Shets\160D12-SHT-TS00-TransAm-01.dgn  
 PLOT SCALE : 20/8000 / IN.  
 USER NAME : Millennia Engineering

200 22ND Street, Suite 216, Lombard, IL 60148  
 630.705.0110 voice, 630.839.2566 fax  
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**MILLENNIA ENGINEERING**

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DATE - 12/04/2009	REVISED -

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

**22nd STREET AT TRANS AM PLAZA**  
**TRAFFIC SIGNAL INSTALLATION PLAN**  
 SCALE: 1"=20' SHEET NO. 193A OF 362 SHEETS STA. TO STA.

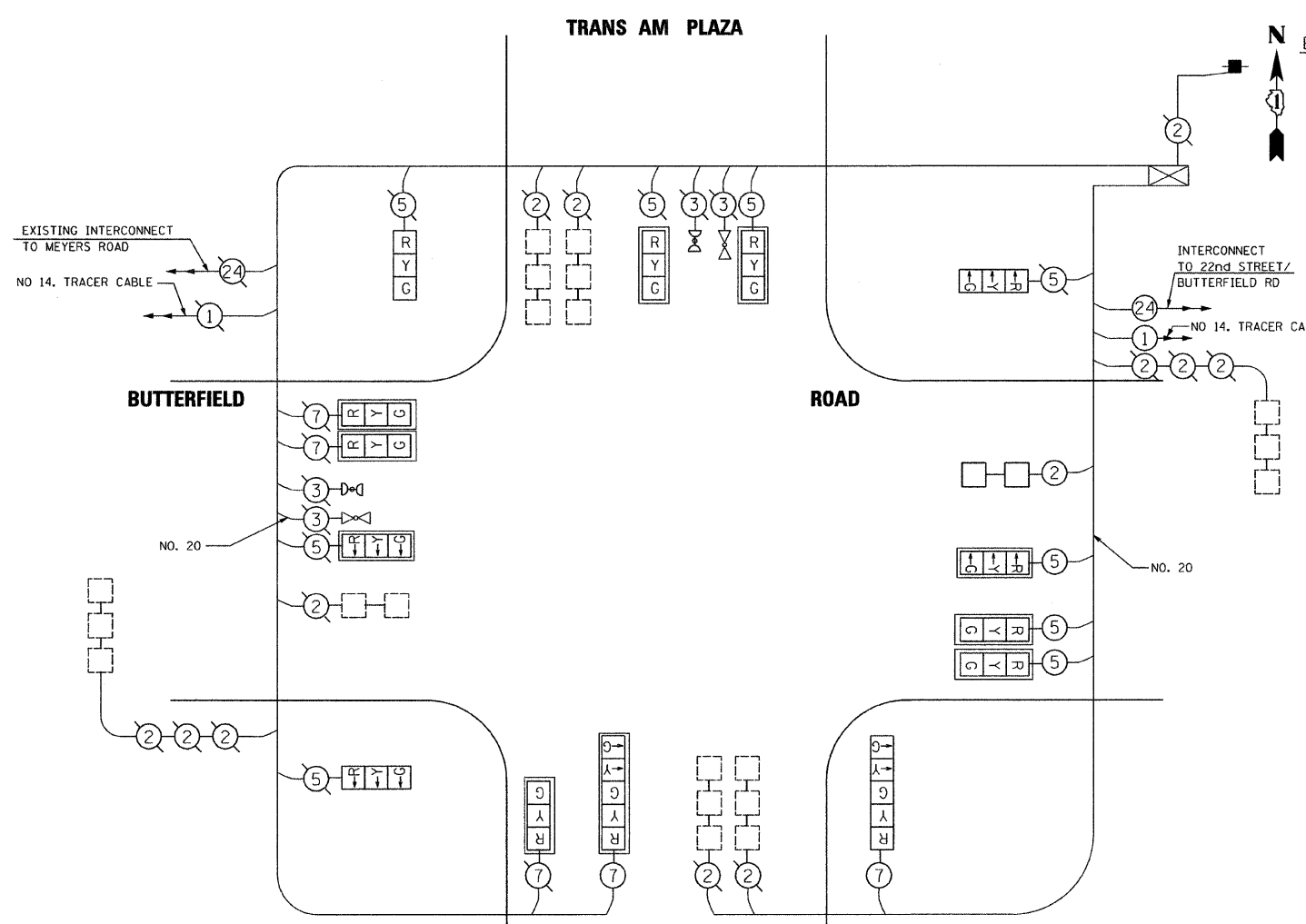
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1453	55WRS	DUPAGE	362	193A
CONTRACT NO. 60D12			TS01	

FED. ROAD DIST. NO. 7 ILLINOIS FED. AID PROJECT

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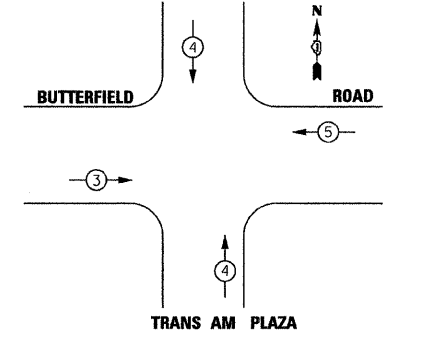
ITEM	UNIT	QUANTITY
HEAVY-DUTY HANDHOLE	EACH	1
ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 2C	FOOT	425
ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 5C	FOOT	850
ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 7C	FOOT	600
SIGNAL HEAD, LED, 1-FACE, 3-SECTION, MAST-ARM MOUNTED	EACH	9
SIGNAL HEAD, LED, 1-FACE, 3-SECTION, BRACKET MOUNTED	EACH	3
SIGNAL HEAD, LED, 1-FACE, 5-SECTION, BRACKET MOUNTED	EACH	1
SIGNAL HEAD, LED, 1-FACE, 5-SECTION, MAST-ARM MOUNTED	EACH	1
TRAFFIC SIGNAL BACKPLATE, LOUVERED, ALUMINUM	EACH	10
DETECTOR LOOP, TYPE 1	FOOT	70
TEMPORARY TRAFFIC SIGNAL INSTALLATION	EACH	1
TEMPORARY TRAFFIC SIGNAL TIMING	EACH	1
SERVICE INSTALLATION - POLE MOUNTED	EACH	1
TEMPORARY TRAFFIC SIGNAL INTERCONNECT	EACH	1
REMOVE EXISTING SIGNAL HEAD	EACH	12



CABLE PLAN LEGEND	
EXISTING	PROPOSED

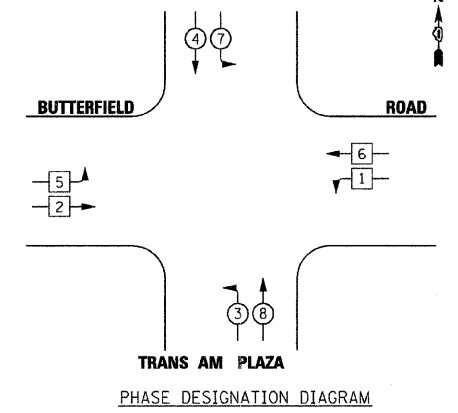
THE TRAFFIC SIGNAL CONTROL EQUIPMENT FOR THIS SIGNAL SHALL BE "ECONOLITE" TO MATCH THE EXISTING ADJACENT SYSTEM.

EMERGENCY VEHICLE PREEMPTION SEQUENCE



PROPOSED EMERGENCY VEHICLE PREEMPTORS			
EMERGENCY VEHICLE PREEMPTOR	3	4	5
MOVEMENT			

PROPOSED CONTROLLER SEQUENCE



LEGEND	
	SINGLE ENTRY PHASE
	DUAL ENTRY PHASE
	OVERLAP
	PEDESTRIAN PHASE
	NUMBER REFERS TO ASSOCIATED PHASE

I.D.O.T TRAFFIC SIGNAL INSTALLATION ELECTRICAL SERVICE REQUIREMENTS					TOTAL WATTAGE
TYPE	NO. OF LAMPS	WATTAGE INCAND.	WATTAGE L.E.D.	OPERATION	
SIGNAL (RED)	10	135	17	0.50	85
(YELLOW)	10	135	25	0.25	62.5
(GREEN)	10	135	15	0.25	37.7
ARROW	16	135	12	0.10	19.2
PED. SIGNAL		90	25	1.00	
CONTROLLER	1	100	100	1.00	100
ILLUM. SIGN		84		0.05	
TOTAL					304.2

ILLINOIS DEPARTMENT OF TRANSPORTATION  
 DIVISION OF HIGHWAY/DISTRICT 1  
 201 CENTER CT/SCHALMUR, IL 60196-1096  
 ENERGY SUPPLY - CONTACT: DEB RANKIN  
 PHONE: 630-691-4379  
 COMPANY: COMMONWEALTH EDISON

FOUNDATION (DEPTH)	(FEET) (m)	CABLE SLACK	(FEET) (m)	VERTICAL	(FEET) (m)
TYPE A - POST	4, (1.2)	HANDHOLE	6.5, (2.0)	ALL FOUNDATION	1.0, (0.3)
D - CONTROLLER	4, (1.2)	DOUBLE HANDHOLE	13, (4.0)	MAST ARM (1.) POLE	20'+L-2 = (6m+L-0.6m)
E - M. ARM POLE	( )	SIGNAL POST	2, (0.6)	BRACKET MOUNTED	13, (4.0)
24" (600mm)	10, (3.0)	CONTROLLER CAB.	1, (0.3)	PED. PUSHBOTTON	4, (1.2)
30" (600mm)	15, (4.5)	FIBER OPTIC	13, (4.0)	ELECTRIC SERVICE	13.5, (4.1)
42"	15, (4.5)	ELECTRIC SERVICE	1, (0.3)	SERVICE TO GROUND	13, (4.1)
		GROUND CABLE	1, (0.3)	POST MOUNTED	6, (1.8)

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DATE - 10/05/2009	REVISED -

STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION

BUTTERFIELD ROAD (IL RTE 56) AT TRANS AM PLAZA  
 CABLE PLAN, PHASE DESIGNATION DIAGRAM,  
 AND SCHEDULE OF QUANTITIES

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1453	55WRS	DUPAGE	362	193B
CONTRACT NO. 60D12				

FILE NAME = P:\2007\ME07081\_22nd.Street\Cadd\Shets\0160D12-SHT-T500-TransAm-02.dgn  
 PLOT SCALE = 1/8" = 1'-0"  
 USER NAME = Millennium Engineering

SCALE: N/A SHEET NO. 193B OF 362 SHEETS STA. TO STA.

FED. ROAD DIST. NO. 7 ILLINOIS FED. AID PROJECT  
 P:\2007\ME07081\_22nd.Street\Cadd\Shets\0160D12-SHT-T500-TransAm-02.dgn

- TEMPORARY TRAFFIC SIGNAL LEGEND**
- ← TEMPORARY TRAFFIC SIGNAL HEAD
  - ⊗ TEMPORARY TRAFFIC SIGNAL HEAD SPAN WIRE MOUNTED ORIGINAL LOCATION
  - ⊗ TEMPORARY WOOD POLE (CLASS 5 OR BETTER) 45 FOOT (13.7m) MINIMUM
  - ⊞ TEMPORARY CONTROLLER CABINET
  - TEMPORARY SPAN WIRE, TETHER WIRE, AND CABLE
  - ⊞ TEMPORARY SERVICE INSTALLATION
  - ⊞ TEMPORARY PEDESTRAIN SIGNAL HEAD, BRACKET MOUNTED
  - ⊞ PEDESTRIAN PUSHBUTTON DETECTOR
  - ⊞ EMERGENCY VEHICLE LIGHT DETECTOR
  - ⊞ CONFIRMATION BEACON
  - ⊞ VEHICLE DETECTOR, INDUCTION LOOP
  - CT COMMON TRENCH
  - UD UNIT DUCT
  - G.S. CONDUIT IN TRENCH OR PUSHED
  - ⊞ HEAVY DUTY HANDHOLE
  - ⊞ VIDEO VEHICLE DETECTION CAMERA
  - ⊞ TEMPORARY VIDEO DETECTION ZONE (50' TYPICAL)
  - ⊞ TEMPORARY RADIO INTERCONNECT
  - ⊞ UNINTERRUPTIBLE POWER SUPPLY

**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 MICROPROCESSOR BASE WITH RS232 DATA ENTRY PORTS COMPATIBLE WITH EXISTING 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 12". HEADS SHALL BE PLACED AS INDICATED ON THE TEMPORARY TRAFFIC SIGNAL PLAN OR AS DIRECTED BY THE ENGINEER. 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 MATCH THE EXISTING TRAFFIC STAGING ARE IN PLACE OR WILL NOT BE STAGED ON THE DAY OF THE TURN ON.
7. 24" WHITE STOP BAR MUST BE IN PLACE AT THE TIME OF SIGNAL TURN ON.

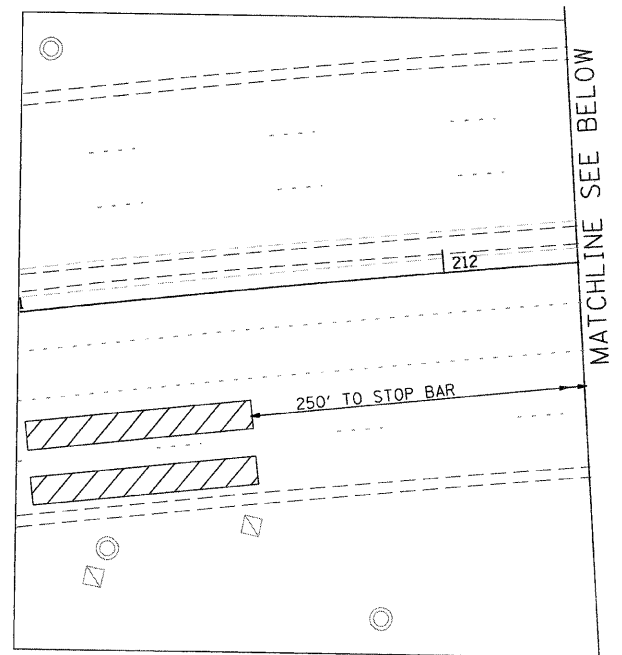
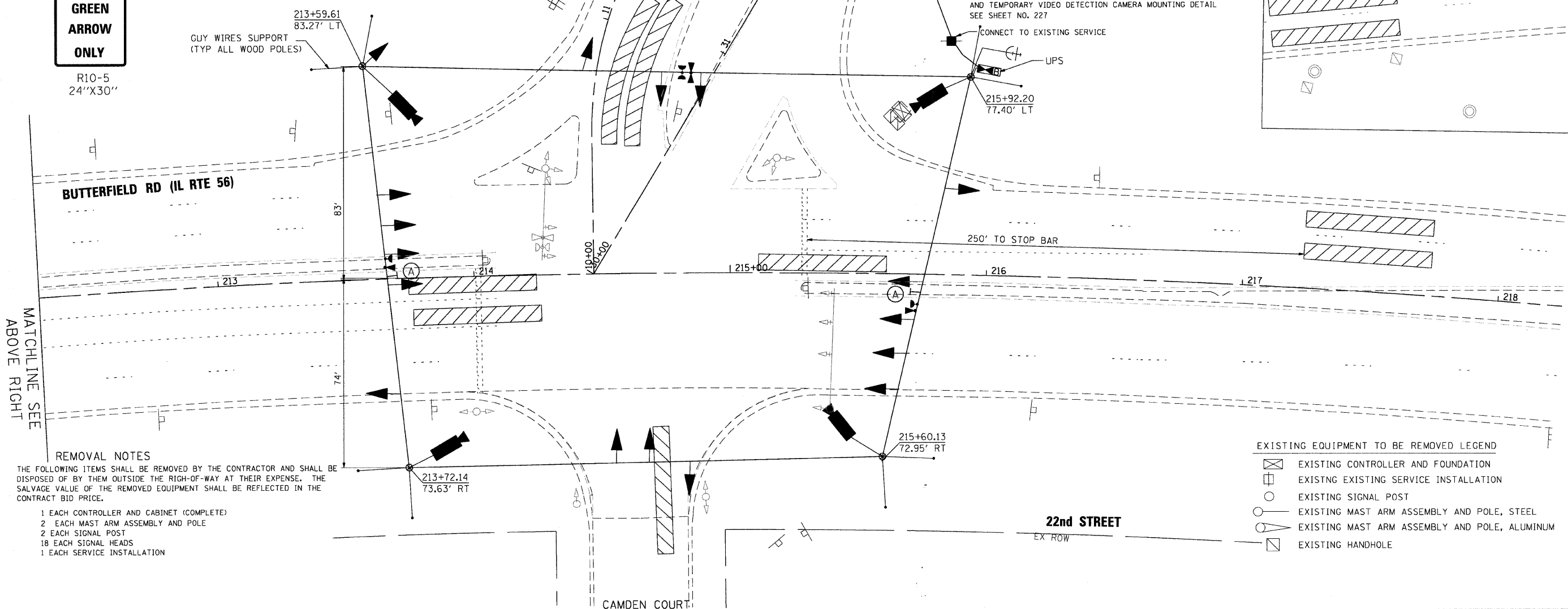
THE TRAFFIC SIGNAL CONTROL EQUIPMENT FOR THIS TEMPORARY SIGNAL SHALL BE "ECONOLITE" TO MATCH THE EXISTING ADJACENT SYSTEM.

NOTE: THE EXISTING CONDUITS, AND LOOP DETECTORS SHALL BE ABANDONED.

- NOTES**
1. FOR TEMPORARY TRAFFIC SIGNAL CABLE PLAN SEE SHEET NO. 196
  2. TEMPORARY TRAFFIC SIGNALS SHALL BE TURNED ON PRIOR TO STAGE 1 CONSTRUCTION. TEMPORARY TRAFFIC SIGNAL HEADS MUST BE RELOCATED TO STAGE 2, 3 & 4 CONSTRUCTION LOCATION PRIOR TO THE START OF STAGE 2, 3 & 4 CONSTRUCTION AS SHOWN ON THE PLANS.
  3. ONLY AN APPROVED IDOT ELECTRICAL SUBCONTRACTOR WILL BE PERMITTED TO INSTALL AND ADJUST VIDEO VEHICLE DETECTION SYSTEM AS REQUIRED BY STAGE/PHASE CHANGES.
  4. FOR TEMPORARY TRAFFIC SIGNAL CONTROLLER PLATFORM DETAIL AND TEMPORARY VIDEO DETECTION CAMERA MOUNTING DETAIL SEE SHEET NO. 227

**LEFT ON GREEN ARROW ONLY**

R10-5  
24"X30"



MATCHLINE SEE ABOVE RIGHT

MATCHLINE SEE BELOW

- REMOVAL NOTES**
- THE FOLLOWING ITEMS 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)
  - 2 EACH MAST ARM ASSEMBLY AND POLE
  - 2 EACH SIGNAL POST
  - 18 EACH SIGNAL HEADS
  - 1 EACH SERVICE INSTALLATION

- EXISTING EQUIPMENT TO BE REMOVED LEGEND**
- ⊞ EXISTING CONTROLLER AND FOUNDATION
  - ⊞ EXISTING SERVICE INSTALLATION
  - EXISTING SIGNAL POST
  - ⊞ EXISTING MAST ARM ASSEMBLY AND POLE, STEEL
  - ⊞ EXISTING MAST ARM ASSEMBLY AND POLE, ALUMINUM
  - ⊞ EXISTING HANDHOLE

FILE NAME: 20090717-017881-22nd.street\cadd\shs\160012-SHT-TTS01-Butterfield.dgn  
 PLOT SCALE: 20.0000 1/16"  
 USER NAME: Millennium\_Engineering

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 www.millenniaeng.com

**MILLENNIA ENGINEERING**

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DRAWN - TVN	REVISED -
CHECKED - RPD	REVISED -
DATE - 7/24/2009	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

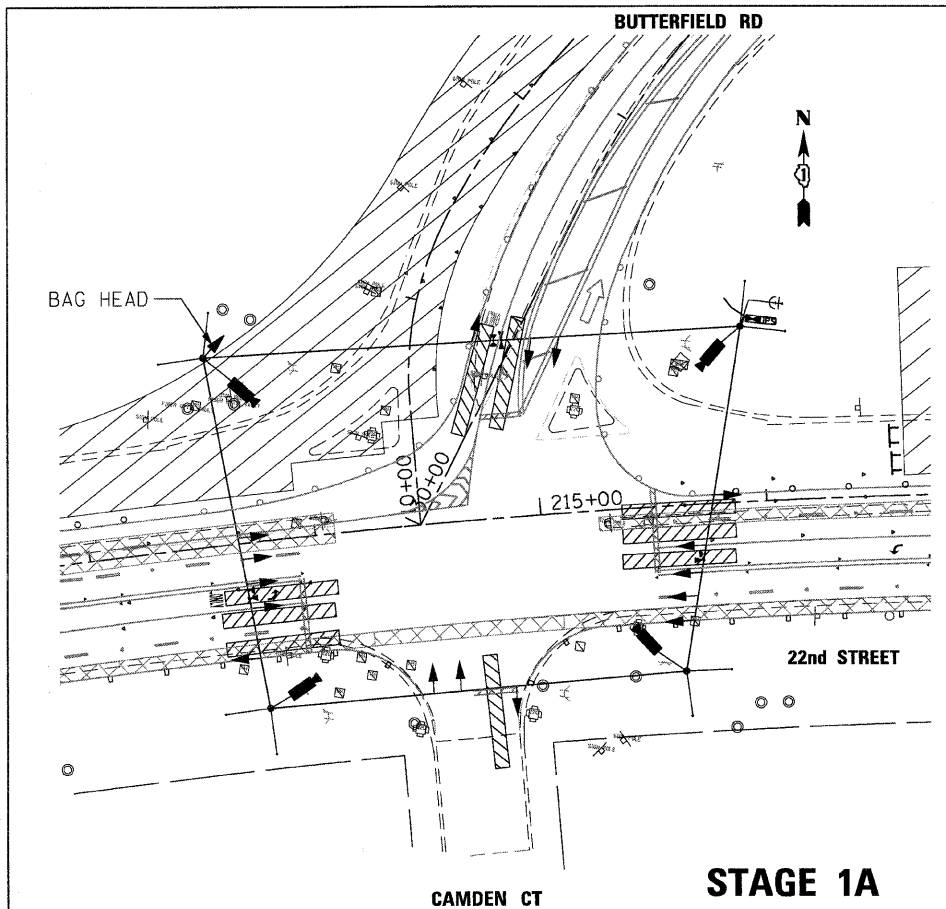
**22nd STREET AT ILLINOIS RTE 56  
TEMPORARY TRAFFIC SIGNAL INSTALLATION AND REMOVAL PLAN**

SCALE: 1"=20' SHEET NO. 194 OF 362 SHEETS STA. TO STA.

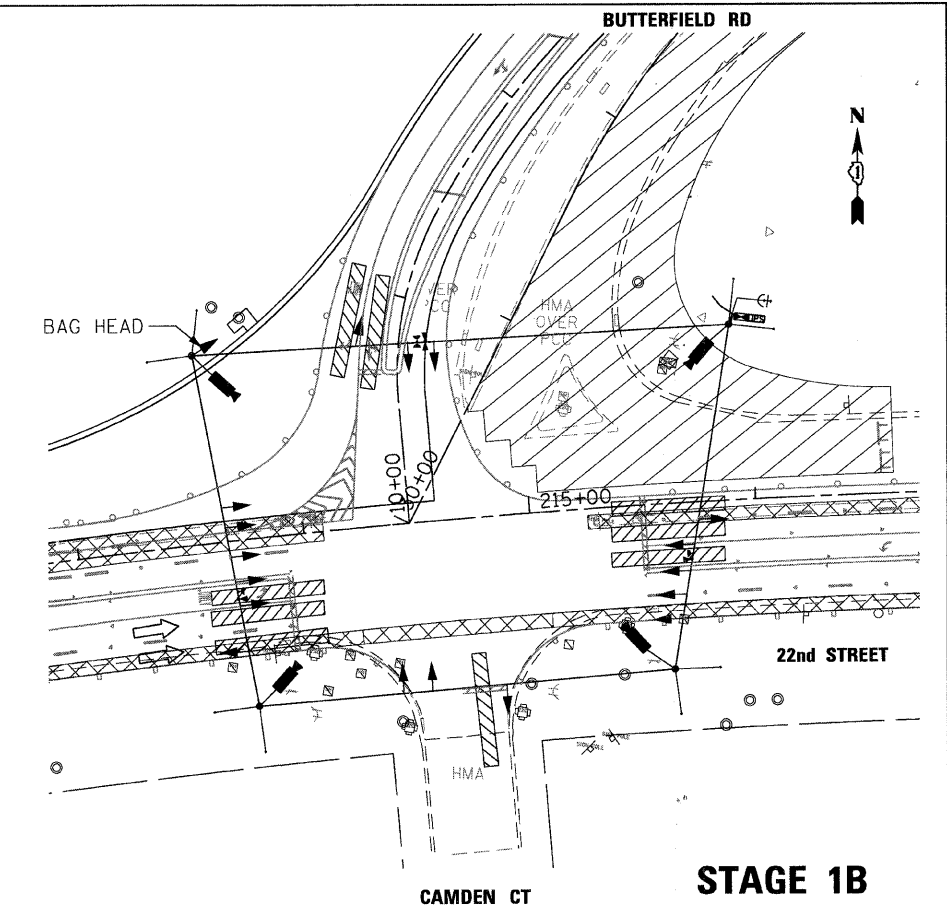
F.A.U. RTE. 1453	SECTION 55WRS	COUNTY DUPAGE	TOTAL SHEETS 362	SHEET NO. 194
CONTRACT NO. 60D12				
FED. ROAD DIST. NO. 7 ILLINOIS FED. AID PROJECT				

TTS11

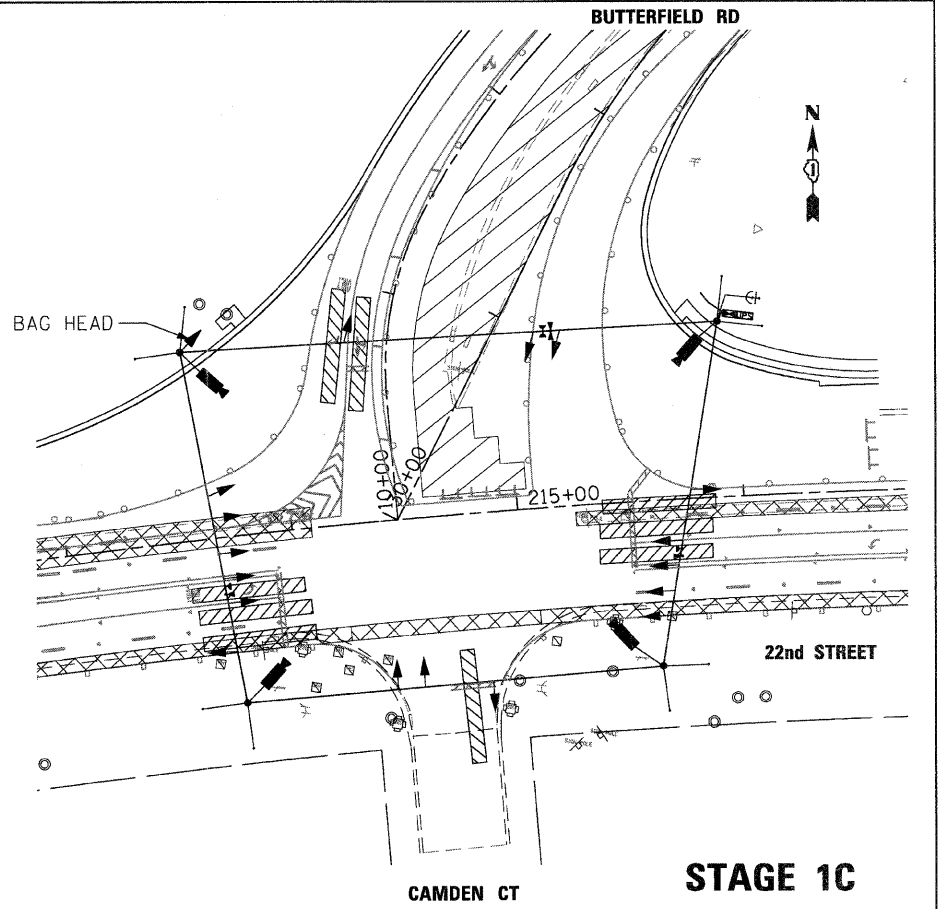
pr\2007\me07081\_22nd.street\cadd\shs\160012-SHT-TTS01-Butterfield-01.dgn



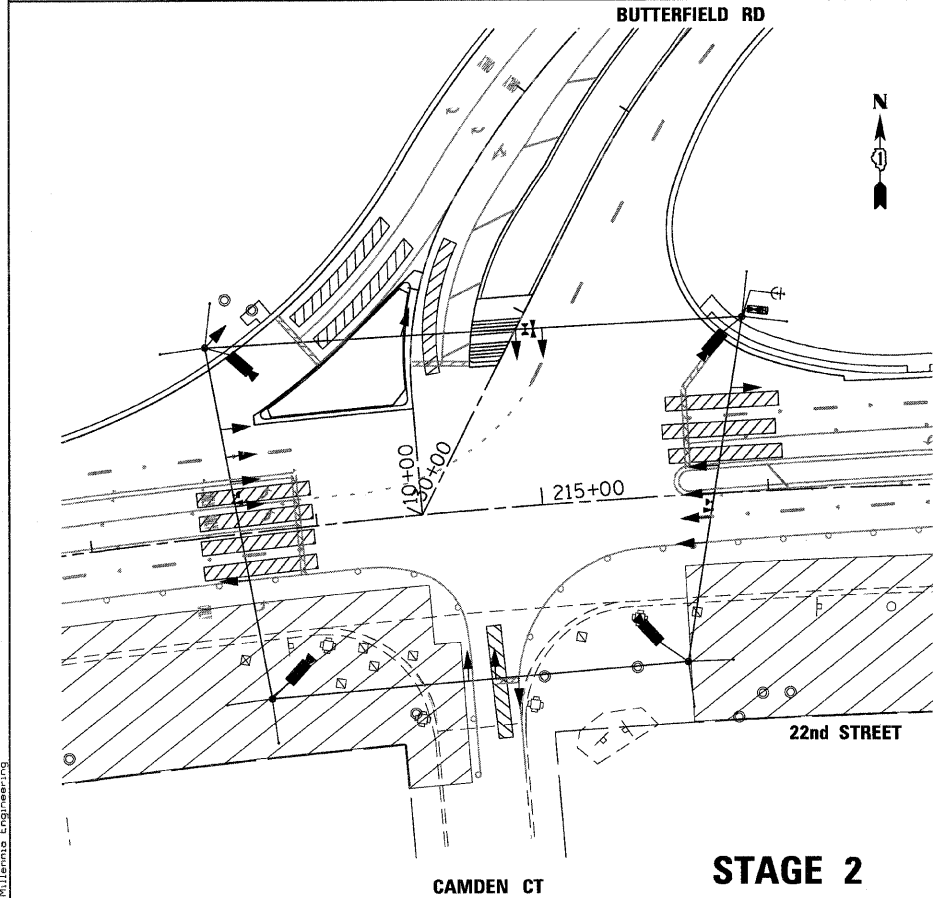
**STAGE 1A**



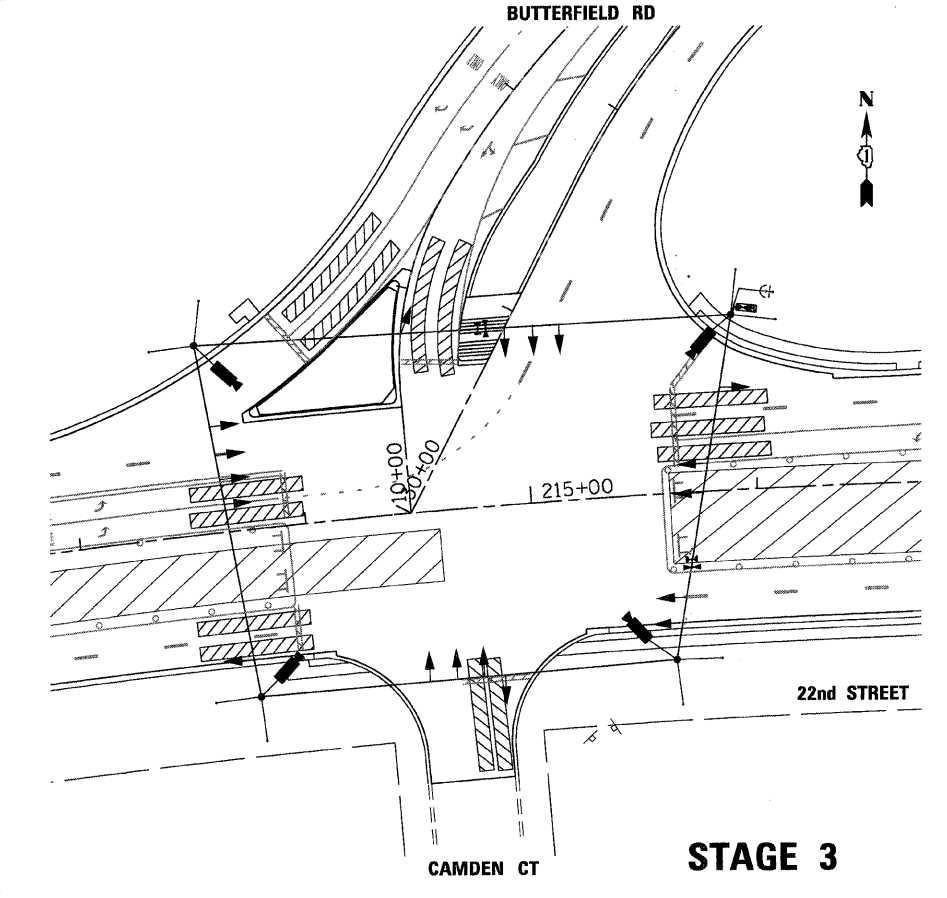
**STAGE 1B**



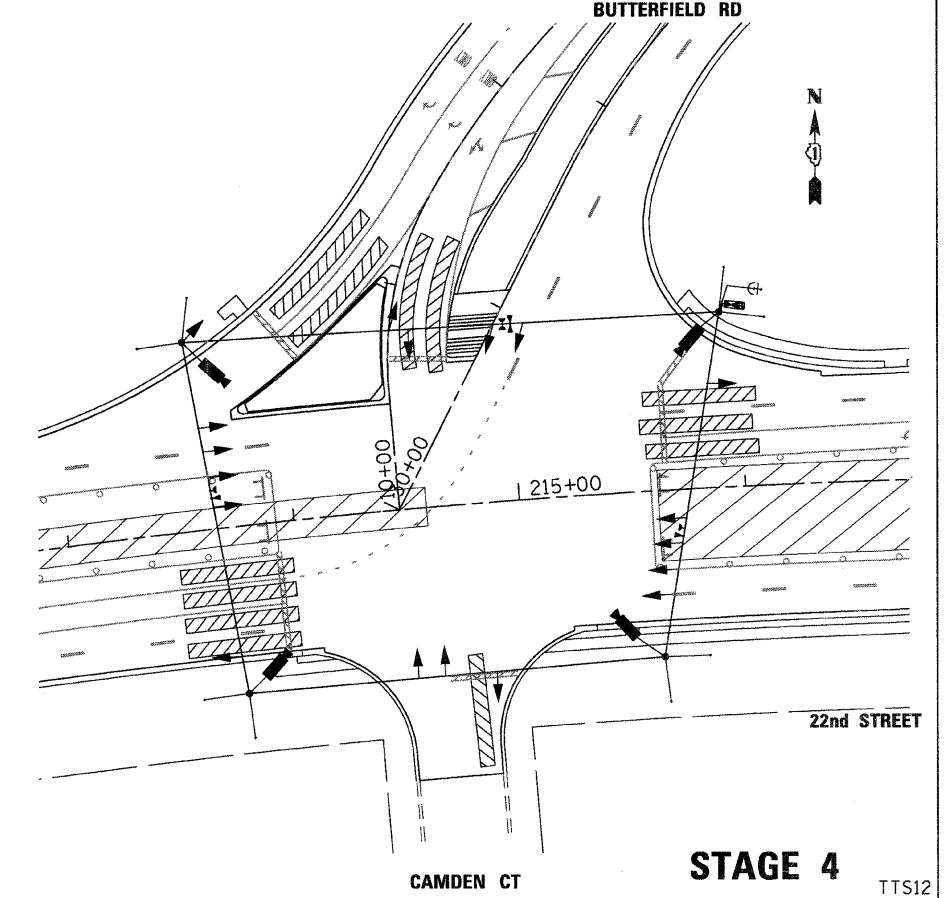
**STAGE 1C**



**STAGE 2**



**STAGE 3**



**STAGE 4**

FILE NAME: \\m07081\22nd.stree\add\shs\0160012-SHT-TTS01-Butterfield-02.dgn  
 PLOT SCALE: 1/8"=1'-0"  
 USER NAME: Millennia\_Engineering

200 22ND Street, Suite 216, Lombard, IL 60148  
 630.705.0110 voice, 630.839.2566 fax  
 www.milleniaeng.com  
**MILLENNIA ENGINEERING**

DESIGNED - TVN	REVISED -
DRAWN - TVN	REVISED -
CHECKED - RPD	REVISED -
DATE - 7/24/2009	REVISED -

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

**22nd STREET AT BUTTERFIELD RD (IL RTE 56)**  
**TEMPORARY TRAFFIC SIGNAL M.O.T. STAGING PLAN**

SCALE: SHEET NO. OF 362 SHEETS STA. TO STA.

F.A.U. RTE. 1453	SECTION 55WRS	COUNTY DUPAGE	TOTAL SHEETS 362	SHEET NO. 195
FED. ROAD DIST. NO. 7 ILLINOIS FED. AID PROJECT			CONTRACT NO. 60D12	

pt:\2007\me07081\22nd.stree\add\shs\0160012-SHT-TTS01-Butterfield-02.dgn

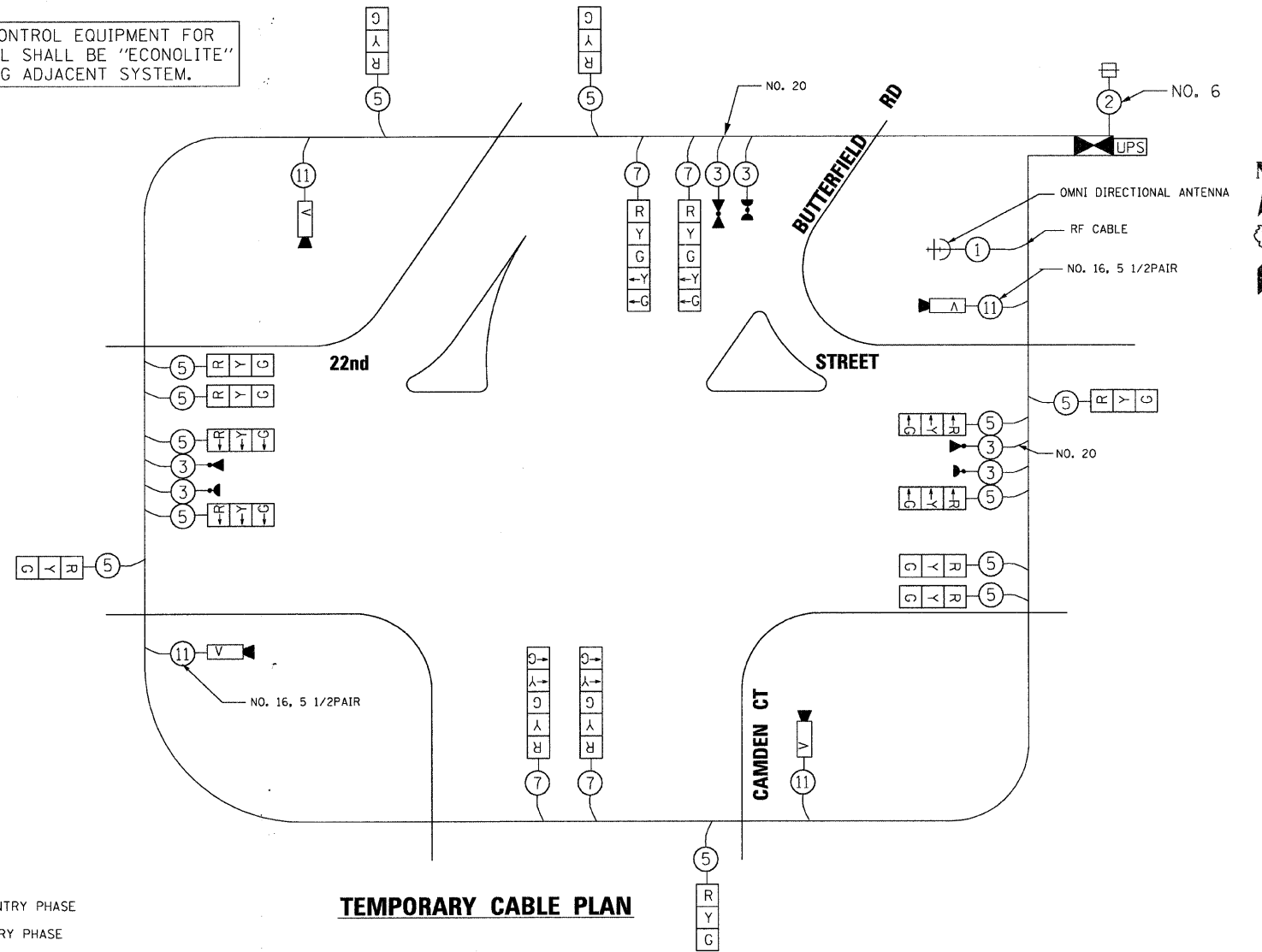
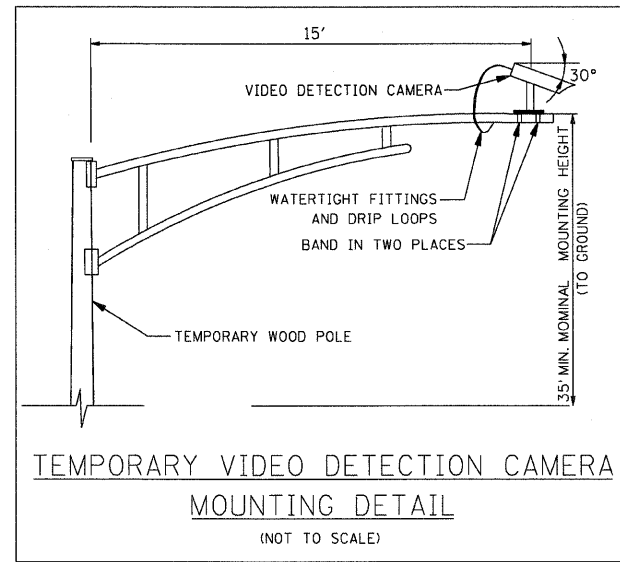
**TEMPORARY CABLE DIAGRAM LEGEND**

- R TEMPORARY TRAFFIC SIGNAL SECTION OR PEDESTRIAN SIGNAL SECTION 12" (300mm)
- X TEMPORARY CONTROLLER CABINET
- 2 INDICATES NUMBER OF CONDUCTORS IN CABLE. ALL CONDUCTORS TO BE NUMBER 14 AWG WIRE UNLESS OTHERWISE NOTED.
- S TEMPORARY SERVICE INSTALLATION
- ▲ EMERGENCY VEHICLE LIGHT DETECTOR
- CONFIRMATION BEACON
- PEDESTRIAN PUSHBUTTON DETECTOR
- V VEHICULAR DETECTOR, INDUCTION LOOP
- V VIDEO VEHICLE DETECTION CAMERA
- C CLOSED CIRCUIT TV
- T TELEPHONE CONNECTION
- + TEMPORARY RADIO INTERCONNECT
- UPS UNINTERRUPTIBLE POWER SUPPLY

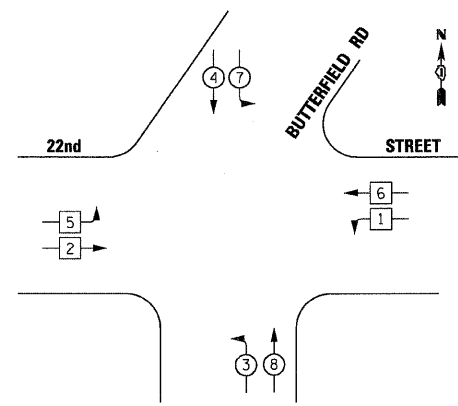
**NOTES**

1. ONLY AN APPROVED IDOT ELECTRICAL SUBCONTRACTOR WILL BE PERMITTED TO INSTALL AND ADJUST VIDEO VEHICLE DETECTION SYSTEM AS REQUIRED BY STAGE/PHASE CHANGES.
2. FOR TEMPORARY TRAFFIC SIGNAL CONTROLLER PLATFORM DETAIL. SEE SHEET NO. 227.

THE TRAFFIC SIGNAL CONTROL EQUIPMENT FOR THIS TEMPORARY SIGNAL SHALL BE "ECONOLITE" TO MATCH THE EXISTING ADJACENT SYSTEM.



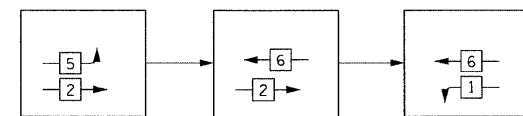
**TEMPORARY CONTROLLER SEQUENCE**



- LEGEND**
- 6 SINGLE ENTRY PHASE
  - DUAL ENTRY PHASE
  - OL OVERLAP
  - PEDESTRIAN PHASE
  - NUMBER REFERS TO ASSOCIATED PHASE

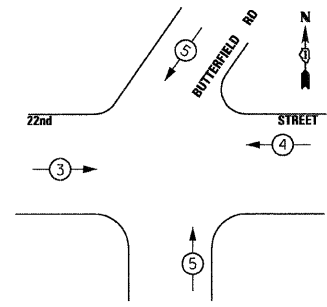
**PHASE DESIGNATION DIAGRAM**

FOR PHASES 1, 2, 5, & 6 IN THE PHASE DESIGNATION DIAGRAM SHOWN ABOVE, THE FOLLOWING PHASE SEQUENCE SHALL BE FOLLOWED:



PHASES 3, 4, 7 & 8 SHALL FOLLOW THE STANDARD SEQUENCE IN ACCORDANCE WITH STATE STANDARD 857001

**EMERGENCY VEHICLE PREEMPTION SEQUENCE**



PROPOSED EMERGENCY VEHICLE PREEMPTORS			
EMERGENCY VEHICLE PREEMPTOR	3	4	5
MOVEMENT	→	←	↑ ↓

I.D.O.T. TRAFFIC SIGNAL INSTALLATION ELECTRICAL SERVICE REQUIREMENTS					TOTAL WATTAGE
TYPE	NO. OF LAMPS	WATTAGE INCAND.	WATTAGE L.E.D.	OPERATION	
SIGNAL (RED)	17	135	17	0.50	144.5
(YELLOW)	17	135	25	0.25	106.3
(GREEN)	17	135	15	0.25	63.8
ARROW	8	135	12	0.10	9.6
PED. SIGNAL		90	25	1.00	
CONTROLLER	1	100	100	1.00	100
ILLUM. SIGN		84		0.05	
VIDEO VEH. SENSOR	4	15	15	1.00	60
FLASHER				0.50	
<b>TOTAL</b>					<b>484.2</b>

ILLINOIS DEPARTMENT OF TRANSPORTATION  
 DIVISION OF HIGHWAY/DISTRICT 1  
 201 CENTER CT/SCHAUMBURG, IL 60196-1096  
 ENERGY SUPPLY - CONTACT: DEB RANKIN  
 PHONE: 630-691-4379  
 COMPANY: COMMONWEALTH EDISON

DESIGNED - TVN	REVISED -
DRAWN - TVN	REVISED -
CHECKED - RPD	REVISED -
DATE - 7/24/2009	REVISED -

**STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION**

**22nd STREET AT BUTTERFIELD RD (IL RTE 56)**  
 TEMPORARY TRAFFIC SIGNAL CABLE PLAN, AND PHASE DESIGNATION DIAGRAM  
 SCALE: SHEET NO. 196 OF 362 SHEETS STA. TO STA.

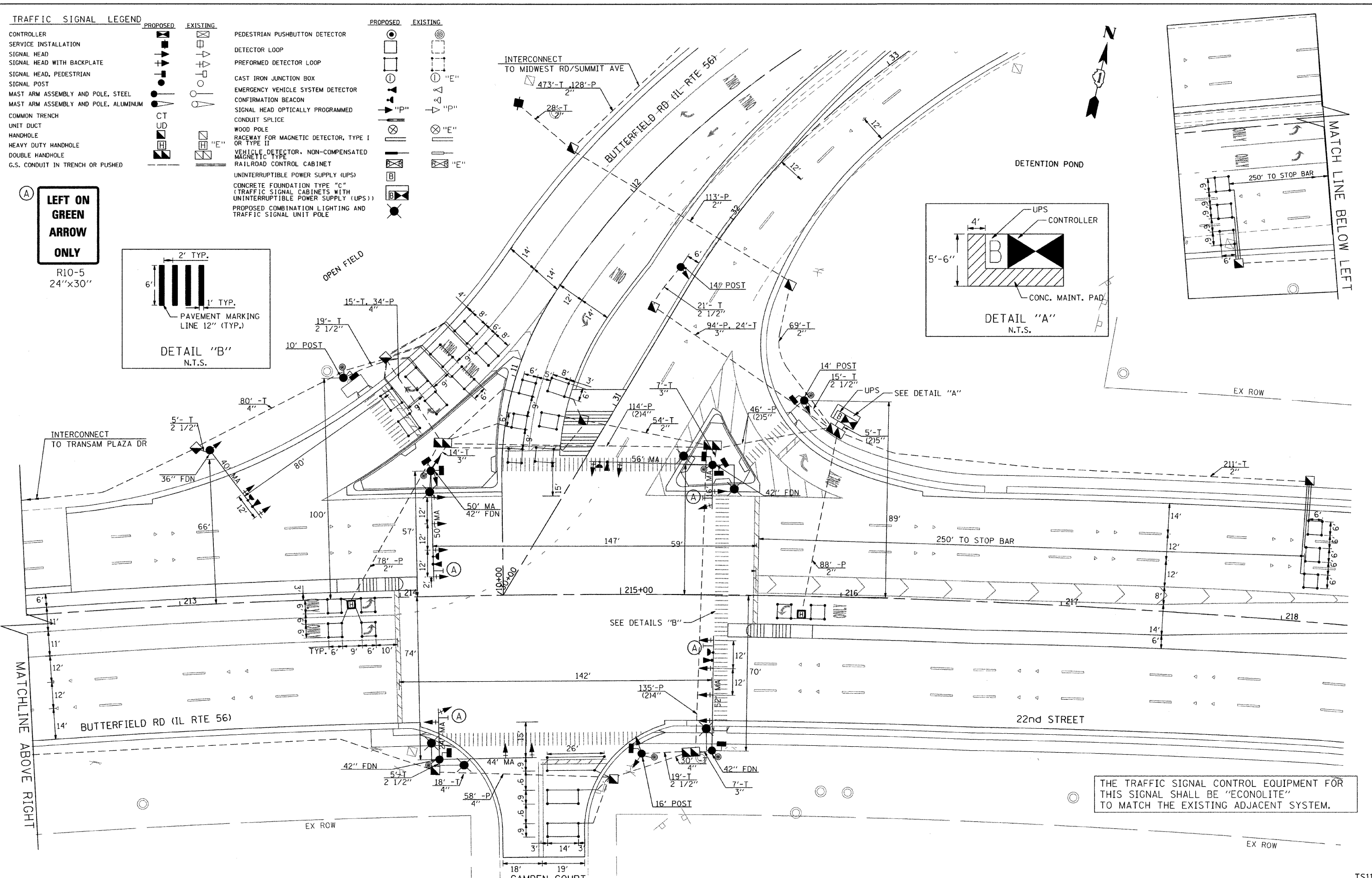
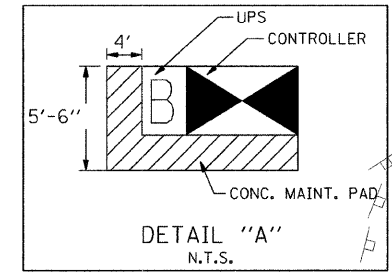
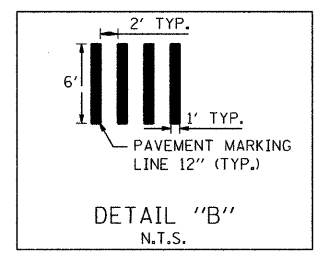
F.A.U. RTE. 1453	SECTION 55WRS	COUNTY DUPAGE	TOTAL SHEETS 362	SHEET NO. 196
FED. ROAD DIST. NO. 7 [ILLINOIS] FED. AID PROJECT				CONTRACT NO. 60D12

FILE NAME: p:\2007\me07081\_22nd.stree\ced\shs\0160D12-SHT-TTS01-Butterfield-03.dgn  
 PLOT SCALE: 20/0000  
 USER NAME: Millennium Engineering

**TRAFFIC SIGNAL LEGEND**

	PROPOSED	EXISTING		PROPOSED	EXISTING
CONTROLLER			PEDESTRIAN PUSHBUTTON DETECTOR		
SERVICE INSTALLATION			DETECTOR LOOP		
SIGNAL HEAD			PREFORMED DETECTOR LOOP		
SIGNAL HEAD WITH BACKPLATE			CAST IRON JUNCTION BOX		
SIGNAL HEAD, PEDESTRIAN			EMERGENCY VEHICLE SYSTEM DETECTOR		
SIGNAL POST			CONFIRMATION BEACON		
MAST ARM ASSEMBLY AND POLE, STEEL			SIGNAL HEAD OPTICALLY PROGRAMMED		
MAST ARM ASSEMBLY AND POLE, ALUMINUM			CONDUIT SPLICE		
COMMON TRENCH			WOOD POLE		
UNIT DUCT			RACEWAY FOR MAGNETIC DETECTOR, TYPE I OR TYPE II		
HANDHOLE			VEHICLE DETECTOR, NON-COMPENSATED MAGNETIC TYPE		
HEAVY DUTY HANDHOLE			RAILROAD CONTROL CABINET		
DOUBLE HANDHOLE			UNINTERRUPTIBLE POWER SUPPLY (UPS)		
G.S. CONDUIT IN TRENCH OR PUSHED			CONCRETE FOUNDATION TYPE "C"		
			(TRAFFIC SIGNAL CABINETS WITH UNINTERRUPTIBLE POWER SUPPLY (UPS))		
			PROPOSED COMBINATION LIGHTING AND TRAFFIC SIGNAL UNIT POLE		

**LEFT ON GREEN ARROW ONLY**  
R10-5  
24"x30"



THE TRAFFIC SIGNAL CONTROL EQUIPMENT FOR THIS SIGNAL SHALL BE "ECONOLITE" TO MATCH THE EXISTING ADJACENT SYSTEM.

FILE NAME : P:\2007\ME07081\22nd.Street\Cadd\Shs\0160D12-SHT-TS01-Butterfield-01.dgn  
 PLOT SCALE : 1"=20'  
 USER NAME : Millennium Engineering

**MILLENNIA ENGINEERING**  
 200 22ND Street, Suite 216, Lombard, IL 60148  
 630.705.0110 voice, 630.839.2566 fax  
 www.millenniaeng.com

DESIGNED - TVN	REVISED -
DRAWN - TVN	REVISED -
CHECKED - RPD	REVISED -
DATE - 10/05/2009	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**22nd STREET AT BUTTERFIELD RD (IL RTE 56)  
TRAFFIC SIGNAL INSTALLATION PLAN**

SCALE: 1"=20' SHEET NO. 197 OF 362 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1453	55WRS		362	197
			CONTRACT NO. 60D12	

FED. ROAD DIST. NO. 7 ILLINOIS FED. AID PROJECT  
P:\2007\ME07081\22nd.Street\Cadd\Shs\0160D12-SHT-TS01-Butterfield-01.dgn

ITEM	SCHEDULE OF QUANTITIES	UNIT	QUANTITY
SIGN PANEL - TYPE 1		SO FT	32
SIGN PANEL - TYPE 2		SO FT	12
CONDUIT IN TRENCH, 2" DIA., GALVANIZED STEEL		FOOT	1095
CONDUIT IN TRENCH, 2 1/2" DIA., GALVANIZED STEEL		FOOT	84
CONDUIT IN TRENCH, 3" DIA., GALVANIZED STEEL		FOOT	45
CONDUIT IN TRENCH, 4" DIA., GALVANIZED STEEL		FOOT	143
CONDUIT IN TRENCH, 5" DIA., GALVANIZED STEEL		FOOT	10
CONDUIT PUSHED, 2" DIA., GALVANIZED STEEL		FOOT	407
CONDUIT PUSHED, 3" DIA., GALVANIZED STEEL		FOOT	66
CONDUIT PUSHED, 4" DIA., GALVANIZED STEEL		FOOT	590
CONDUIT PUSHED, 5" DIA., GALVANIZED STEEL		FOOT	92
HANDHOLE		EACH	8
HEAVY-DUTY HANDHOLE		EACH	2
DOUBLE HANDHOLE		EACH	4
TRENCH AND BACKFILL FOR ELECTRICAL WORK		FOOT	894
FULL-ACTUATED CONTROLLER AND TYPE IV CABINET, SPECIAL TRANSCIEVER - FIBER OPTIC		EACH	1
ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 2C		FOOT	1526
ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 3C		FOOT	3243
ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 5C		FOOT	5200
ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 7C		FOOT	1630
ELECTRIC CABLE IN CONDUIT, LEAD-IN, NO. 14 1 PAIR		FOOT	7929
ELECTRIC CABLE IN CONDUIT, SERVICE, NO. 6 2 C		FOOT	246
TRAFFIC SIGNAL POST, GALVANIZED STEEL 10 FT.		EACH	1
TRAFFIC SIGNAL POST, GALVANIZED STEEL 14 FT.		EACH	2
TRAFFIC SIGNAL POST, GALVANIZED STEEL 16 FT.		EACH	1
STEEL MAST ARM ASSEMBLY AND POLE, 40 FT.		EACH	1
STEEL COMBINATION MAST ARM ASSEMBLY AND POLE 50 FT.		EACH	1
STEEL COMBINATION MAST ARM ASSEMBLY AND POLE 52 FT.		EACH	1
STEEL COMBINATION MAST ARM ASSEMBLY AND POLE WITH DUAL MAST ARMS, 44 FT AND 24 FT		EACH	1
STEEL COMBINATION MAST ARM ASSEMBLY AND POLE WITH DUAL MAST ARMS, 56 FT. AND 16 FT.		EACH	1
CONCRETE FOUNDATION, TYPE A		FOOT	16
CONCRETE FOUNDATION, TYPE C		FOOT	4
CONCRETE FOUNDATION, TYPE E 36-INCH DIAMETER		FOOT	15
CONCRETE FOUNDATION, TYPE E 42-INCH DIAMETER		FOOT	60
SIGNAL HEAD, LED, 1-FACE, 3-SECTION, MAST-ARM MOUNTED		EACH	14
SIGNAL HEAD, LED, 1-FACE, 3-SECTION, BRACKET MOUNTED		EACH	3
SIGNAL HEAD, LED, 1-FACE, 4-SECTION, MAST ARM MOUNTED		EACH	4
SIGNAL HEAD, LED, 2-FACE, 1-4 SECTION, 1-5 SECTION, BRACKET MOUNTED		EACH	2
PEDESTRIAN SIGNAL HEAD, LED, 1-FACE, BRACKET MOUNTED		EACH	5
PEDESTRIAN SIGNAL HEAD, LED, 2-FACE, BRACKET MOUNTED		EACH	1
PEDESTRIAN SIGNAL HEAD, LED, 3-FACE, BRACKET MOUNTED		EACH	1
TRAFFIC SIGNAL BACKPLATE, LOUVERED, ALUMINUM		EACH	18
INDUCTIVE LOOP DETECTOR		EACH	13
LIGHT DETECTOR		EACH	4
LIGHT DETECTOR AMPLIFIER		EACH	1
PEDESTRIAN PUSH-BUTTON		EACH	7
TEMPORARY TRAFFIC SIGNAL INSTALLATION		EACH	1
REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT		EACH	1
REMOVE EXISTING HANDHOLE		EACH	14
REMOVE EXISTING CONCRETE FOUNDATION		EACH	6
PREFORMED DETECTOR LOOP		FOOT	937
TEMPORARY TRAFFIC SIGNAL TIMING		EACH	1
SERVICE INSTALLATION - POLE MOUNTED		EACH	1
ELECTRIC CABLE IN CONDUIT, GROUNDING, NO. 6 1C		FOOT	1062
ELECTRIC CABLE IN CONDUIT NO. 20 3/C, TWISTED, SHIELDED		FOOT	1188
UNINTERRUPTIBLE POWER SUPPLY		EACH	1
TEMPORARY TRAFFIC SIGNAL INTERCONNECT		EACH	1

I.D.O.T TRAFFIC SIGNAL INSTALLATION ELECTRICAL SERVICE REQUIREMENTS					TOTAL WATTAGE
TYPE	NO. OF LAMPS	WATTAGE INCAND.	WATTAGE L.E.D.	OPERATION	
SIGNAL (RED)	26	135	17	0.50	221
(YELLOW)	24	135	25	0.25	162.5
(GREEN)	24	135	15	0.25	97.5
ARROW	0	135	12	0.10	
PED. SIGNAL	8	90	25	1.00	200
CONTROLLER	1	100	100	1.00	100
ILLUM. SIGN		84		0.05	
VIDEO VEH. SENSOR		15	15	1.00	
FLASHER				0.50	
<b>TOTAL</b>					<b>781</b>

ILLINOIS DEPARTMENT OF TRANSPORTATION  
 DIVISION OF HIGHWAY/DISTRICT 1  
 201 CENTER CT/SCHAUMBURG, IL 60196-1096  
 ENERGY SUPPLY - CONTACT: DEB RANKIN  
 PHONE: 630-691-4379  
 COMPANY: COMMONWEALTH EDISON

FOUNDATION (DEPTH)	(FEET) (m)	CABLE SLACK	(FEET) (m)	VERTICAL	(FEET) (m)
TYPE A - POST	4 , (1.2)	HANDHOLE	6.5 , (2.0)	ALL FOUNDATION	1.0 , (2.0)
D - CONTROLLER	4 , (1.2)	DOUBLE HANDHOLE	13 , (4.0)	MAST ARM (1.) POLE	20'±L-2 = (6m±L-0.6m)
E - M. ARM POLE	( )	SIGNAL POST	2 , (1.0)	BRACKET MOUNTED	13 , (4.0)
24" (600mm)	10 , (3.0)	CONTROLLER CAB.	1 , (0.5)	PED. PUSHBUTTON	4 , (1.2)
30" (600mm)	15 , (4.5)	FIBER OPTIC	13 , (4.0)	ELECTRIC SERVICE	13.5 , (4.1)
36"	15 , (4.5)	ELECTRIC SERVICE	1 , (0.5)	SERVICE TO GROUND	13 , (4.1)
42"	15 , (4.5)	GROUND CABLE	1 , (0.5)	POST MOUNTED	6 , (1.8)

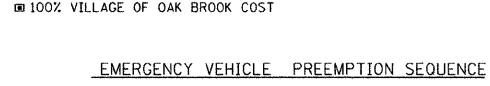
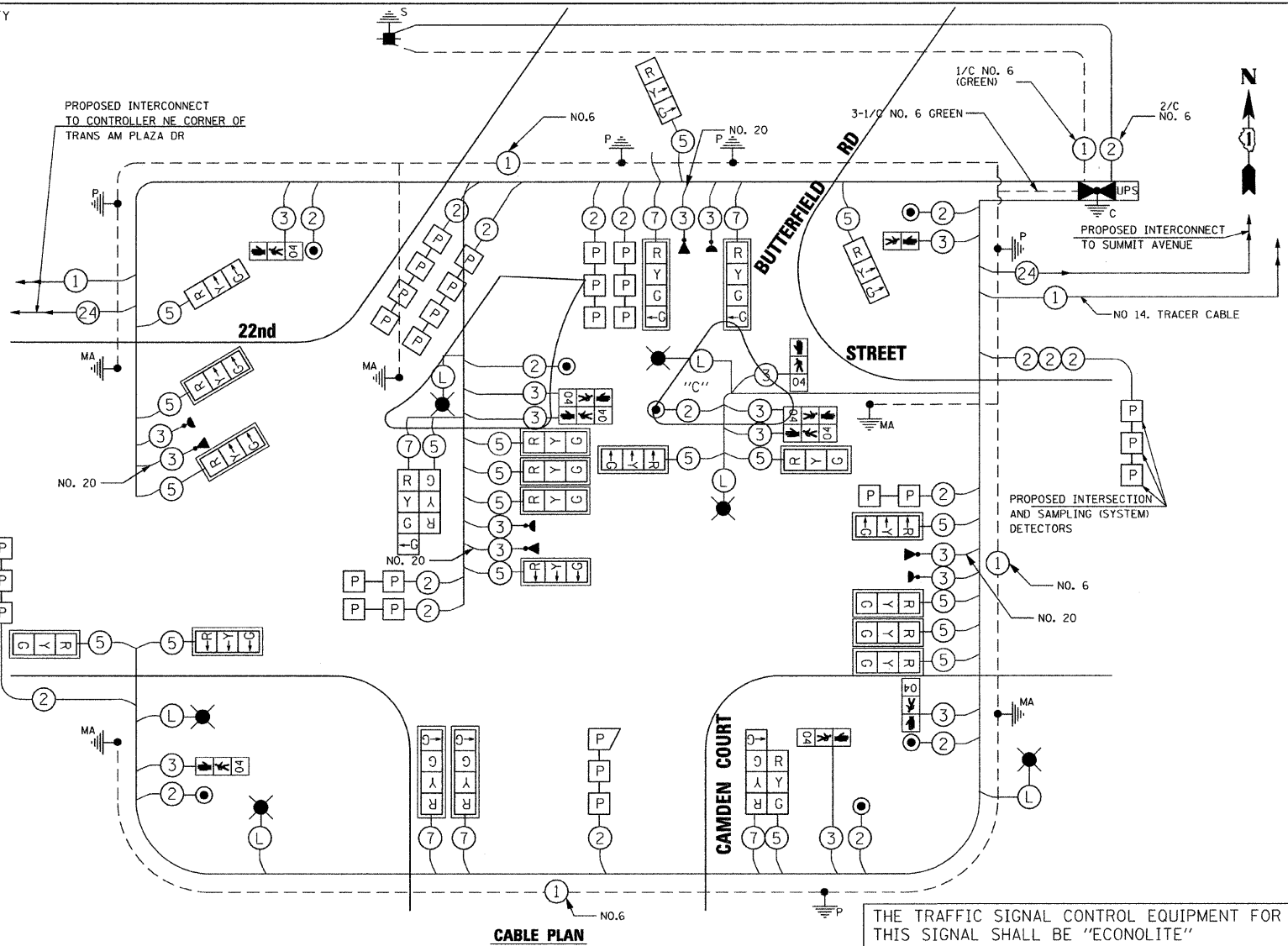
DESIGNED - TVN	REVISED -
DRAWN - TVN	REVISED -
CHECKED - RPD	REVISED -
DATE - 10/05/2009	REVISED -

STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION

22nd STREET AT BUTTERFIELD RD (IL RTE 56)  
 CABLE PLAN, PHASE DESIGNATION DIAGRAM,  
 AND SCHEDULE OF QUANTITIES

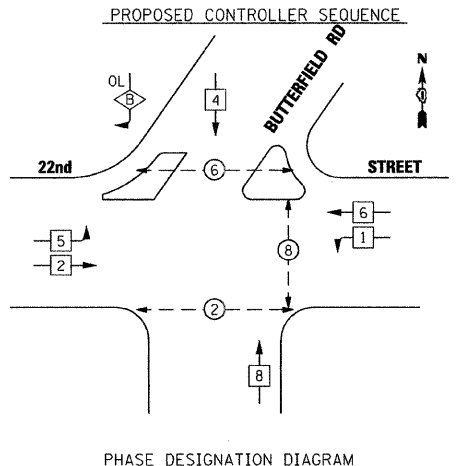
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1453	55WRS	DUPAGE	362	198
CONTRACT NO. 60D12			TS12	

FILE NAME = P:\2007\ME07881\22nd.Street\Cadd\Shs\0160D12-SHT-TS12-Butterfield.dgn  
 PLOT SCALE = 28/80000 / IN.  
 USER NAME = Millenia Engineering



THE PROPOSED LIGHTING SYSTEM IS ON A SEPARATE CIRCUIT AND WILL BE MAINTAINED BY IDOT. FOR LIGHTING CIRCUITRY SEE SHEET 229 TO 231 FOR ADDITIONAL DETAILS.

EMERGENCY VEHICLE PREEMPTOR MOVEMENT	PROPOSED EMERGENCY VEHICLE PREEMPTORS			
	3	4	5	6
→				
←				
↓				
↑				



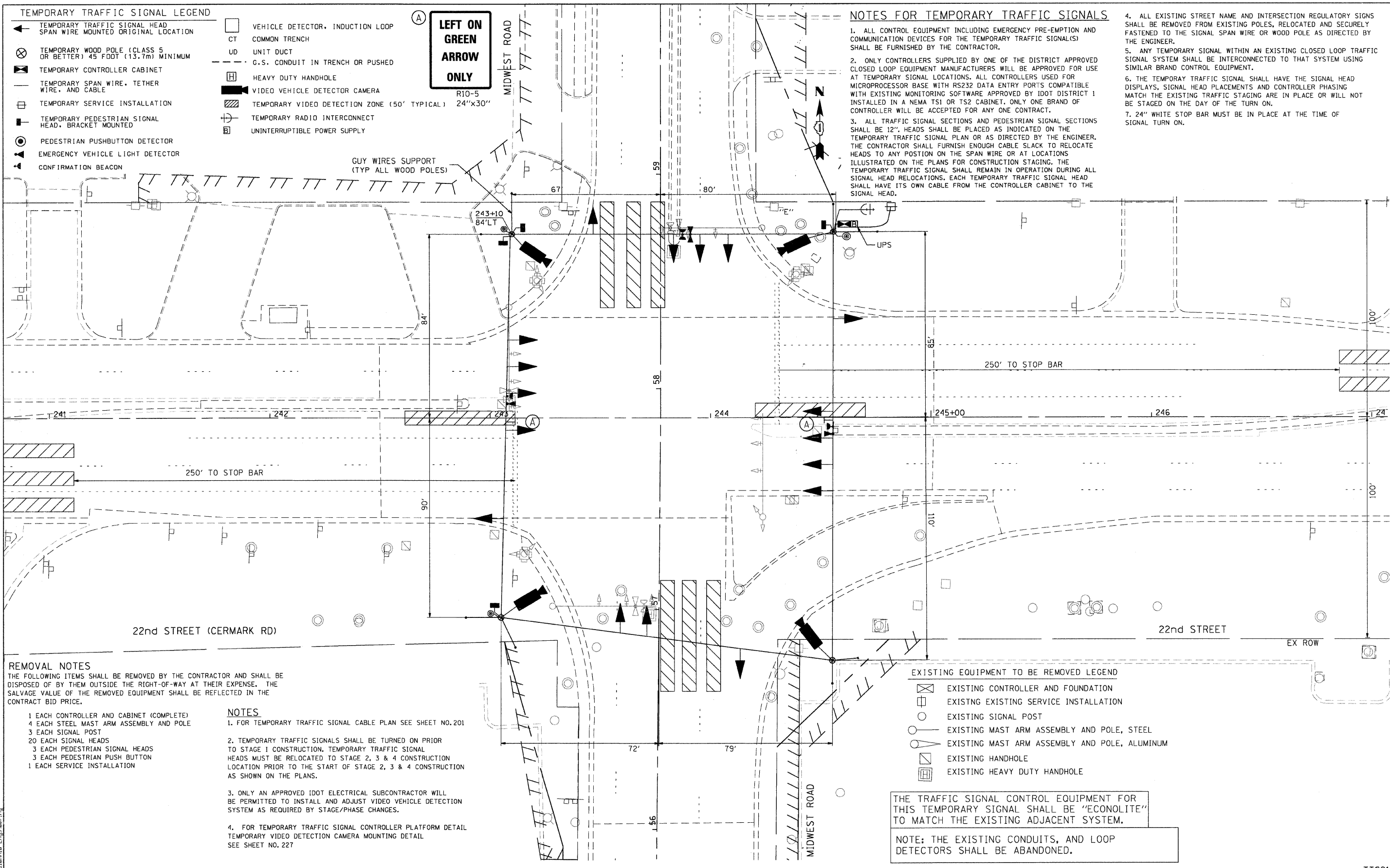
CABLE PLAN LEGEND		
EXISTING	PROPOSED	
		8" (200mm) TRAFFIC SIGNAL SECTION
		12" (300mm) TRAFFIC SIGNAL SECTION
		12" (300mm) PEDESTRIAN SIGNAL SECTION
		12" (300mm) PEDESTRIAN SIGNAL SECTION WITH COUNTDOWN TIMER
		CONTROLLER CABINET
		SERVICE INSTALLATION
		VEHICLE DETECTOR, INDUCTION LOOP
		MAGNETIC DETECTOR
		EMERGENCY VEHICLE LIGHT DETECTOR
		CONFIRMATION BEACON
		PUSHBUTTON DETECTOR
		DENOTES NUMBER OF CONDUCTORS. ALL CABLE NO. 14 EXCEPT AS INDICATED. ALL LOOP DETECTOR CABLE TO BE SHIELDED.
		SIGNAL FACE WITH BACKPLATE
		"P" INDICATES PROGRAMMED HEAD.
		"E" RAILROAD CONTROL CABINET
		"E" ILLUMINATED SIGN, FIBER OPTIC "NO LEFT TURN"
		"E" ILLUMINATED SIGN, FIBER OPTIC "NO RIGHT TURN"
		H/C GROUND ROD AT HANDHOLE, DOUBLE HANDHOLE, OR CONTROLLER
		P GROUND ROD AT POST OR MAST ARM POLE
		S GROUND ROD AT ELECTRIC SERVICE INSTALLATION
		1 GROUND CABLE IN CONDUIT NO. 6 SOLID COPPER (GREEN)
		24 FIBER OPTIC CABLE IN CONDUIT NO. 62.5/125 2-MM12F & SM12F
		UPS UNINTERRUPTIBLE POWER SUPPLY (UPS)
		P PREFORMED LOOP DETECTION
		L WIRING CONNECT TO LIGHTING CONTROLLER

LEGEND		
	6	SINGLE ENTRY PHASE
	6	DUAL ENTRY PHASE
	OL	OVERLAP
	6	PEDESTRIAN PHASE
		NUMBER REFERS TO ASSOCIATED PHASE
	B	OVERLAP LETTER
	4	PERMISSIVE PHASE
	5	PROTECTED PHASE

PUSH BUTTON NOTE:  
 PUSH BUTTON "C" SHALL PLACE A CALL IN PHASE 6 AND 8

SCALE: N/A SHEET NO. 198 OF 362 SHEETS STA. TO STA.

FED. ROAD DIST. NO. 7 ILLINOIS FED. AID PROJECT



- TEMPORARY TRAFFIC SIGNAL LEGEND**
- ← TEMPORARY TRAFFIC SIGNAL HEAD SPAN WIRE MOUNTED ORIGINAL LOCATION
  - ⊗ TEMPORARY WOOD POLE (CLASS 5 OR BETTER) 45 FOOT (13.7m) MINIMUM
  - ▢ TEMPORARY CONTROLLER CABINET
  - TEMPORARY SPAN WIRE, TETHER WIRE, AND CABLE
  - ⊠ TEMPORARY SERVICE INSTALLATION
  - ⊠ TEMPORARY PEDESTRIAN SIGNAL HEAD, BRACKET MOUNTED
  - ⊙ PEDESTRIAN PUSHBUTTON DETECTOR
  - ⊙ EMERGENCY VEHICLE LIGHT DETECTOR
  - ⊙ CONFIRMATION BEACON
  - VEHICLE DETECTOR, INDUCTION LOOP
  - CT COMMON TRENCH
  - UD UNIT DUCT
  - G.S. CONDUIT IN TRENCH OR PUSHED
  - ⊠ HEAVY DUTY HANDHOLE
  - ⊠ VIDEO VEHICLE DETECTOR CAMERA
  - ▨ TEMPORARY VIDEO DETECTION ZONE (50' TYPICAL) 24"x30"
  - ⊠ TEMPORARY RADIO INTERCONNECT
  - ⊠ UNINTERRUPTIBLE POWER SUPPLY

**A**  
**LEFT ON GREEN ARROW ONLY**

**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 MICROPROCESSOR BASE WITH RS232 DATA ENTRY PORTS COMPATIBLE WITH EXISTING 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 12". HEADS SHALL BE PLACED AS INDICATED ON THE TEMPORARY TRAFFIC SIGNAL PLAN OR AS DIRECTED BY THE ENGINEER. 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 MATCH THE EXISTING TRAFFIC STAGING ARE IN PLACE OR WILL NOT BE STAGED ON THE DAY OF THE TURN ON.
7. 24" WHITE STOP BAR MUST BE IN PLACE AT THE TIME OF SIGNAL TURN ON.

**REMOVAL NOTES**  
 THE FOLLOWING ITEMS 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)
- 4 EACH STEEL MAST ARM ASSEMBLY AND POLE
- 3 EACH SIGNAL POST
- 20 EACH SIGNAL HEADS
- 3 EACH PEDESTRIAN SIGNAL HEADS
- 3 EACH PEDESTRIAN PUSH BUTTON
- 1 EACH SERVICE INSTALLATION

- NOTES**
1. FOR TEMPORARY TRAFFIC SIGNAL CABLE PLAN SEE SHEET NO. 201
  2. TEMPORARY TRAFFIC SIGNALS SHALL BE TURNED ON PRIOR TO STAGE 1 CONSTRUCTION. TEMPORARY TRAFFIC SIGNAL HEADS MUST BE RELOCATED TO STAGE 2, 3 & 4 CONSTRUCTION LOCATION PRIOR TO THE START OF STAGE 2, 3 & 4 CONSTRUCTION AS SHOWN ON THE PLANS.
  3. ONLY AN APPROVED IDOT ELECTRICAL SUBCONTRACTOR WILL BE PERMITTED TO INSTALL AND ADJUST VIDEO DETECTION SYSTEM AS REQUIRED BY STAGE/PHASE CHANGES.
  4. FOR TEMPORARY TRAFFIC SIGNAL CONTROLLER PLATFORM DETAIL TEMPORARY VIDEO DETECTION CAMERA MOUNTING DETAIL SEE SHEET NO. 227

**EXISTING EQUIPMENT TO BE REMOVED LEGEND**

- ⊠ EXISTING CONTROLLER AND FOUNDATION
- ⊠ EXISTING SERVICE INSTALLATION
- ⊙ EXISTING SIGNAL POST
- ⊙ EXISTING MAST ARM ASSEMBLY AND POLE, STEEL
- ⊙ EXISTING MAST ARM ASSEMBLY AND POLE, ALUMINUM
- ⊠ EXISTING HANDHOLE
- ⊠ EXISTING HEAVY DUTY HANDHOLE

THE TRAFFIC SIGNAL CONTROL EQUIPMENT FOR THIS TEMPORARY SIGNAL SHALL BE "ECONOLITE" TO MATCH THE EXISTING ADJACENT SYSTEM.

NOTE: THE EXISTING CONDUITS, AND LOOP DETECTORS SHALL BE ABANDONED.

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 PLOT SCALE: 20.0000 / IN  
 USER NAME: Millennia\_Engineering

300 22nd Street, Suite 216, Lombard, IL 60148  
 630.705.0110 voice, 630.839.2566 fax  
 www.milleniaeng.com  
**MILLENNIA ENGINEERING**

DESIGNED - TVN	REVISED -
DRAWN - TVN	REVISED -
CHECKED - RPD	REVISED -
DATE - 7/24/2009	REVISED -

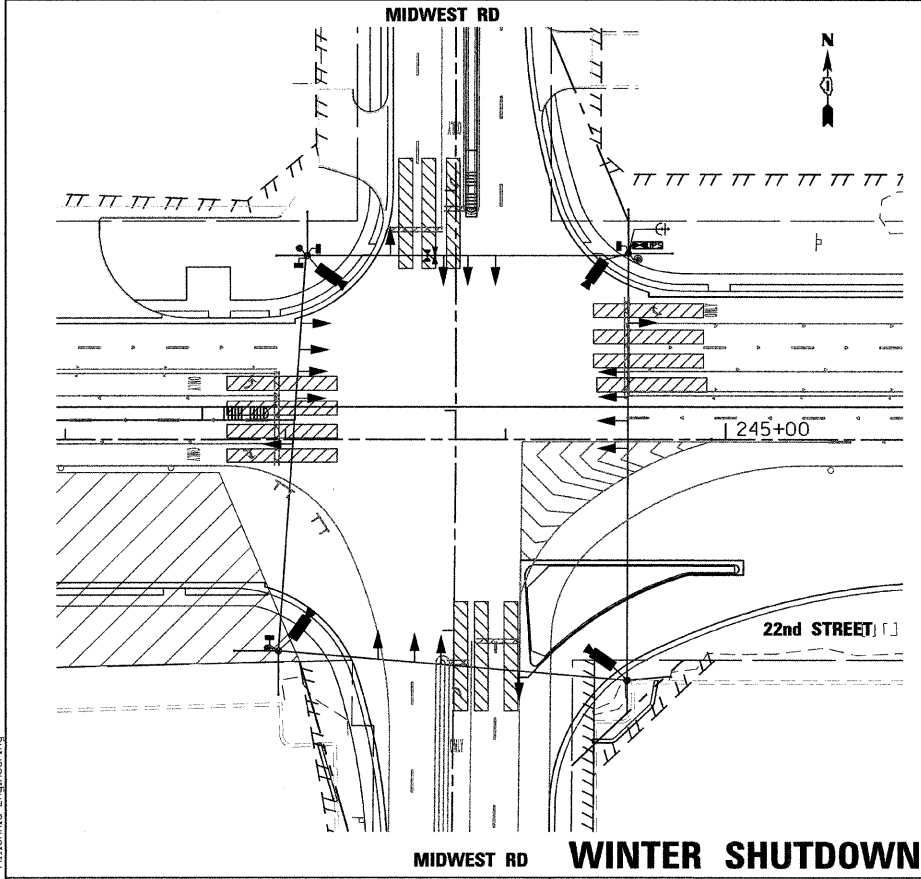
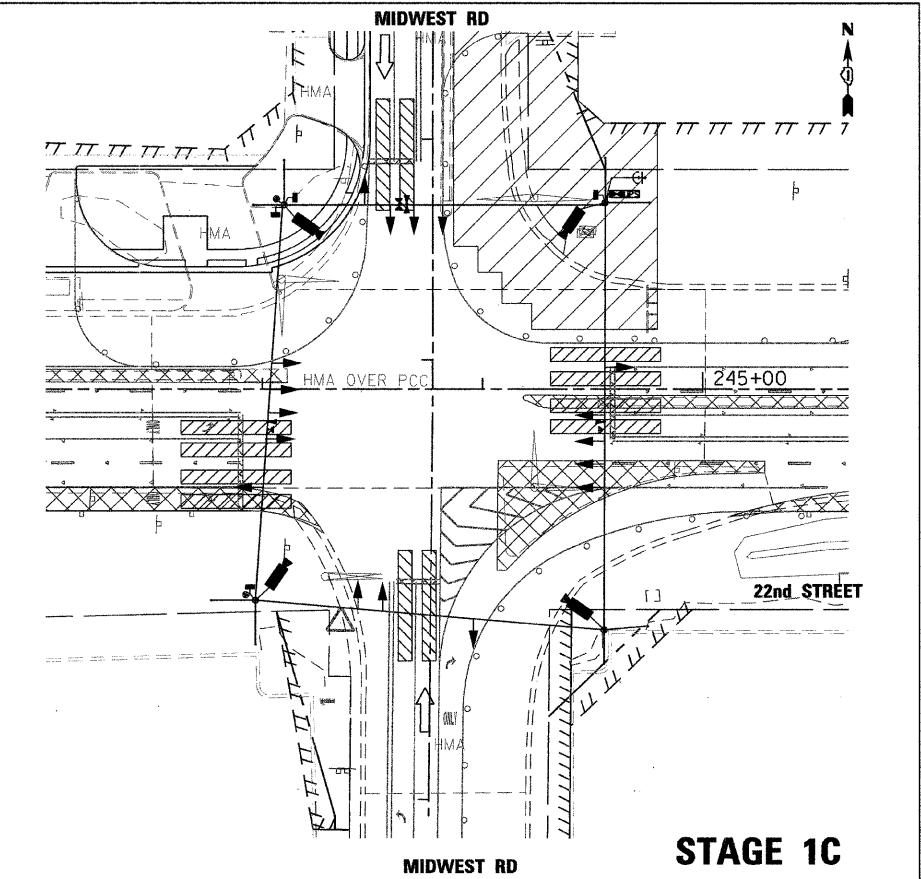
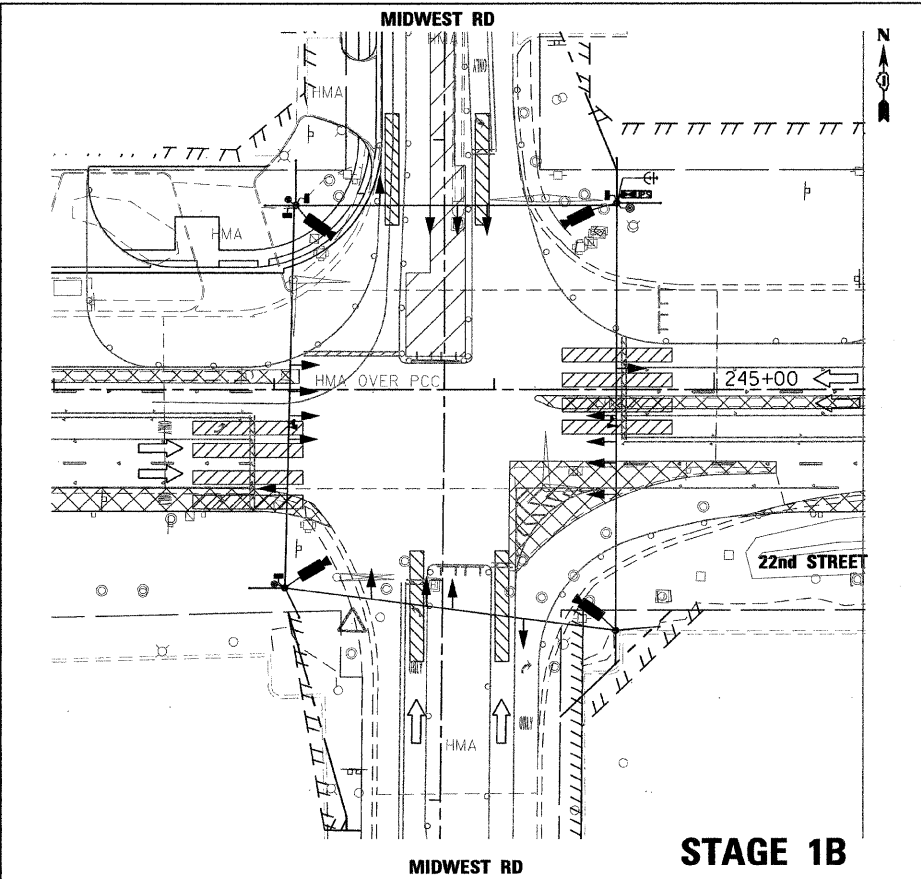
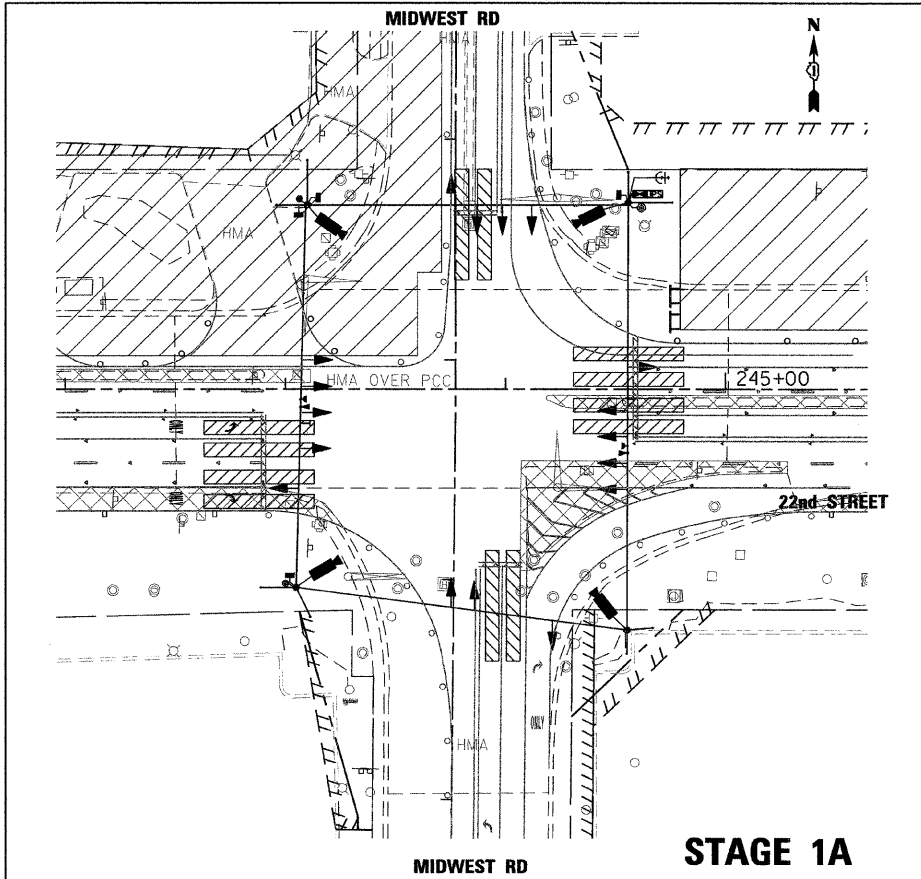
**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

**22nd STREET AT MIDWEST ROAD  
 TEMPORARY TRAFFIC SIGNAL INSTALLATION AND REMOVAL PLAN**

SCALE: 1"=20' SHEET NO. 199 OF 362 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1453	55WRS	DUPAGE	362	199
CONTRACT NO. 60D12			TTS21	

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 PLOT SCALE = 48.00000 / IN.  
 USER NAME = Millennia Engineering

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 www.milleniaeng.com

**MILLENNIA ENGINEERING**

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DRAWN - TVN	REVISED -
CHECKED - RPD	REVISED -
DATE - 10/05/2009	REVISED -

**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

**22nd STREET AT MIDWEST ROAD  
 TEMPORARY TRAFFIC SIGNAL M.O.T. STAGING PLAN**

SCALE: SHEET NO.200 OF 362 SHEETS STA. TO STA.

F.A.U. RTE. 1453	SECTION 55WRS	COUNTY	TOTAL SHEETS 362	SHEET NO. 200
CONTRACT NO. 60D12			TTS22	

FED. ROAD DIST. NO. 7 ILLINOIS FED. AID PROJECT  
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