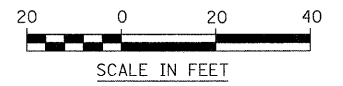


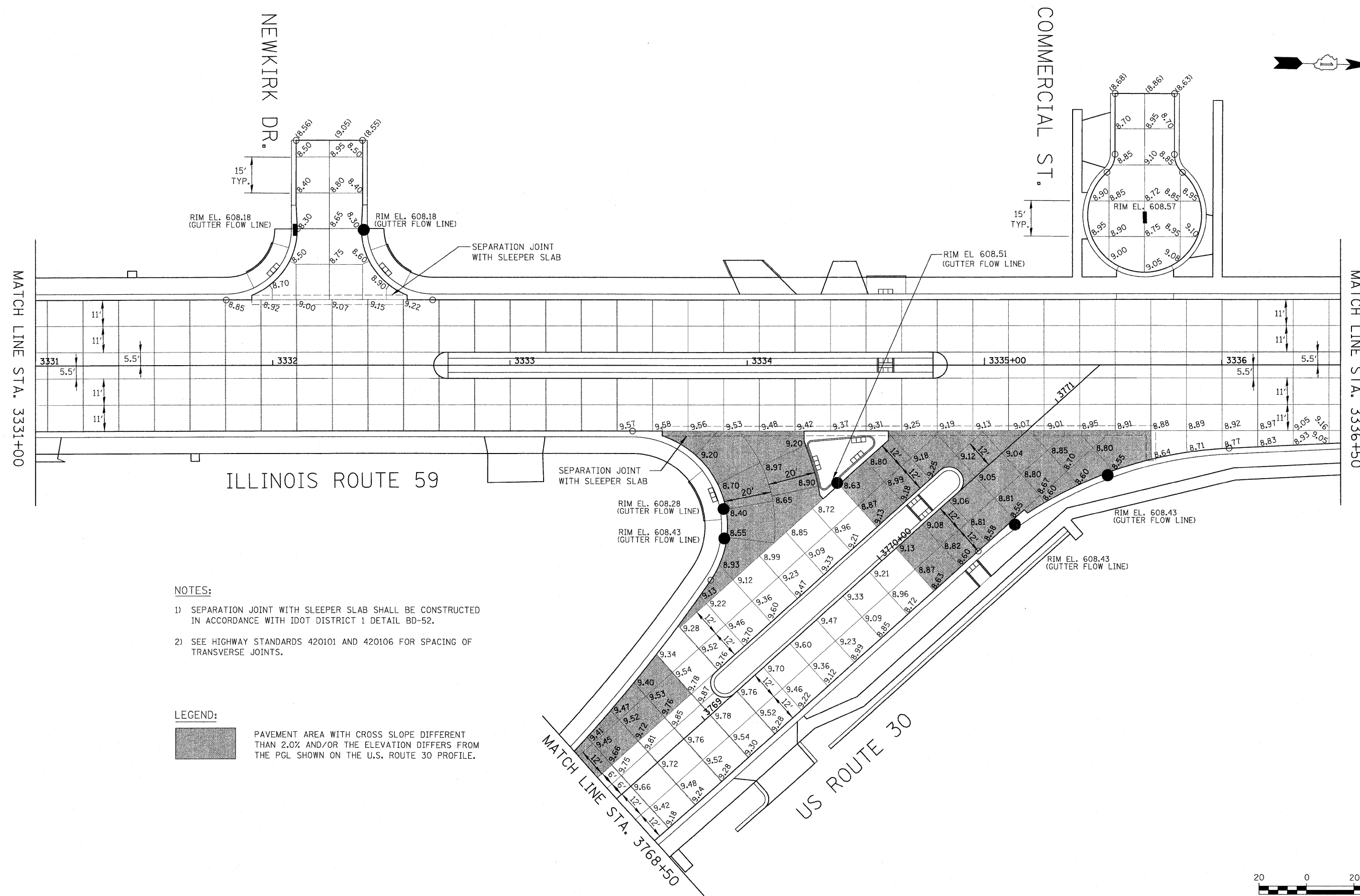
← WORK TO BE COORDINATED WITH CONTRACT 62417 →
 ← WORK TO BE PERFORMED UNDER THIS CONTRACT →

NOTES:

- 1) SEPARATION JOINT WITH SLEEPER SLAB SHALL BE CONSTRUCTED IN ACCORDANCE WITH IDOT DISTRICT 1 DETAIL BD-52.
- 2) SEE HIGHWAY STANDARDS 420101 AND 420106 FOR SPACING OF TRANSVERSE JOINTS.



FILE NAME =	USER NAME = #USER#	DESIGNED - PJO	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	JOINTING PLAN	F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
#FILEL#		DRAWN - RTA	REVISED -			338	113 N-2	WILL	260	101	
	PLOT SCALE = #SCALE#	CHECKED - JCM	REVISED -			CONTRACT NO. 60E73					
	PLOT DATE = #DATE#	DATE - JANUARY 16, 2009	REVISED -			FED. ROAD DIST. NO. ILLINOIS FAP 338 (IL RTE. 59)					
						SCALE: AS SHOWN SHEET NO. 1 OF 7 SHEETS STA. 3327+30 TO STA. 3331+00					



NOTES:

- 1) SEPARATION JOINT WITH SLEEPER SLAB SHALL BE CONSTRUCTED IN ACCORDANCE WITH IDOT DISTRICT 1 DETAIL BD-52.
- 2) SEE HIGHWAY STANDARDS 420101 AND 420106 FOR SPACING OF TRANSVERSE JOINTS.

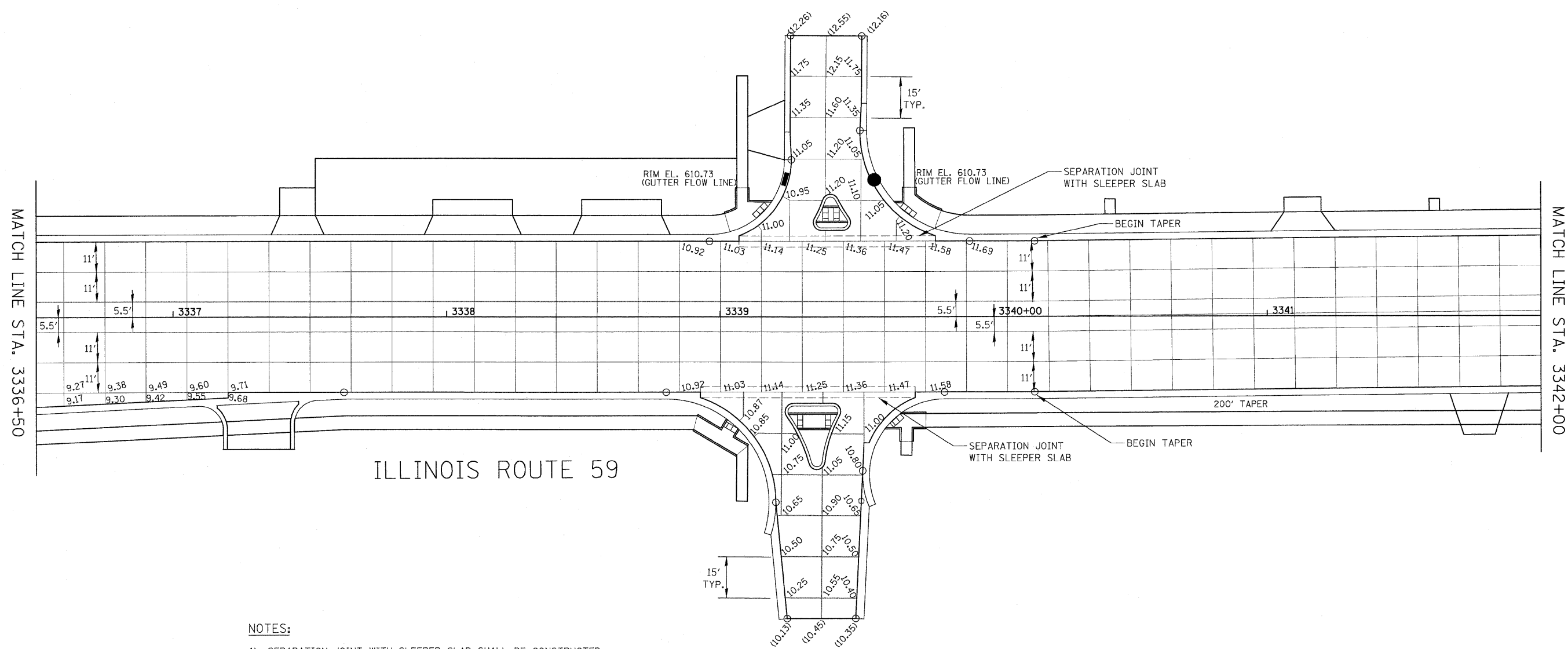
LEGEND:

PAVEMENT AREA WITH CROSS SLOPE DIFFERENT THAN 2.0% AND/OR THE ELEVATION DIFFERS FROM THE PGL SHOWN ON THE U.S. ROUTE 30 PROFILE.

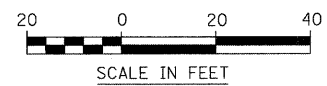
FILE NAME = #FILE#	USER NAME = #USER#	DESIGNED - PJO	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	JOINTING PLAN	F.A. RTE. 338	SECTION 113 N-2	COUNTY WILL	TOTAL SHEETS 260	SHEET NO. 102		
						SCALE: AS SHOWN SHEET NO. 2 OF 7 SHEETS STA. 3331+00 TO STA. 3336+50		CONTRACT NO. 60E73				
						FED. ROAD DIST. NO. ILLINOIS FAP 338 (IL RTE. 59)						
						DATE - JANUARY 16, 2009						



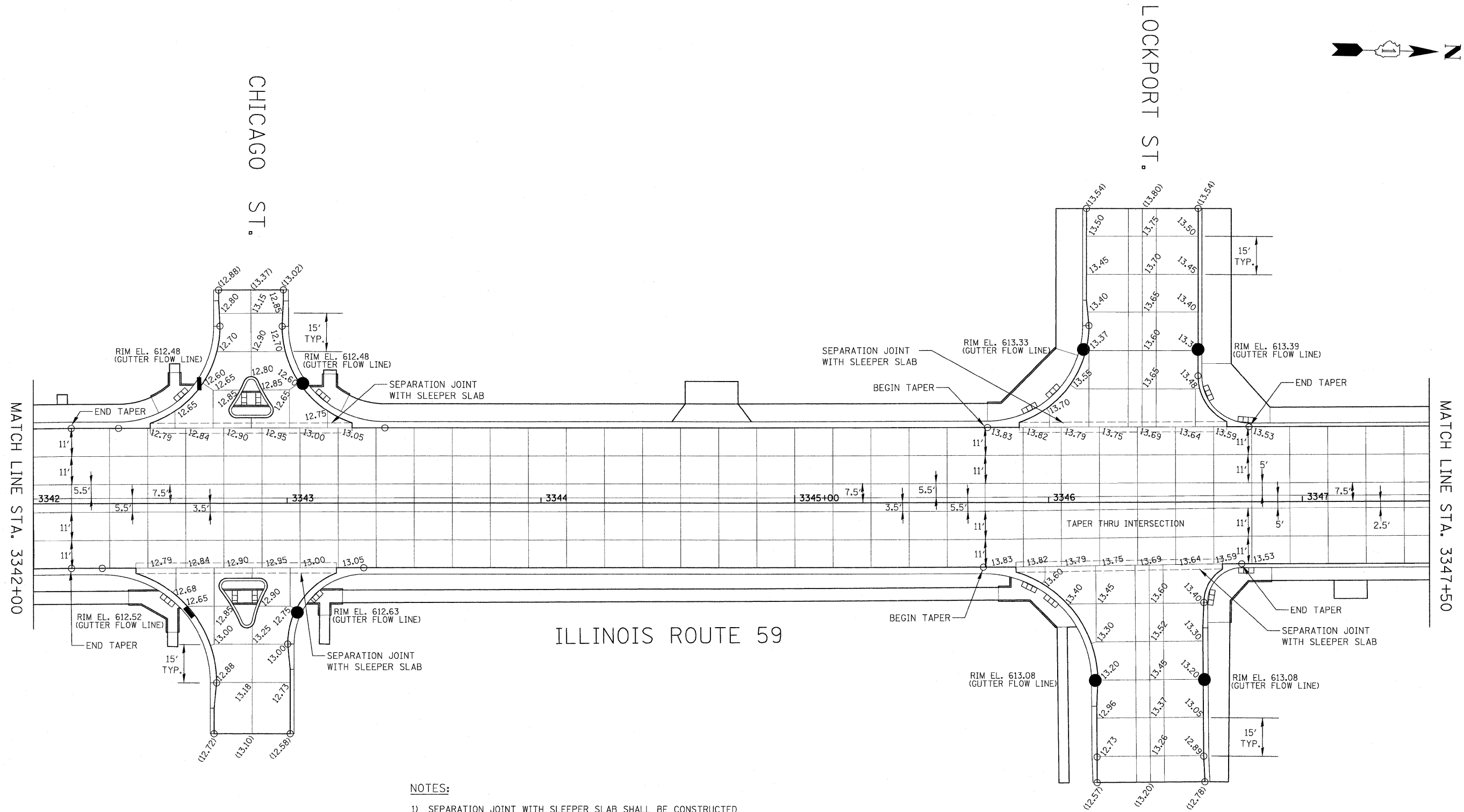
OTTAWA ST.



- NOTES:**
- 1) SEPARATION JOINT WITH SLEEPER SLAB SHALL BE CONSTRUCTED IN ACCORDANCE WITH IDOT DISTRICT 1 DETAIL BD-52.
 - 2) SEE HIGHWAY STANDARDS 420101 AND 420106 FOR SPACING OF TRANSVERSE JOINTS.

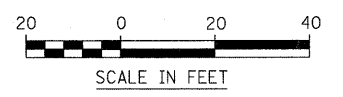


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#FILEL#	PLOT SCALE = #SCALE#	DRAWN - RTA	REVISED -			SCALE: AS SHOWN SHEET NO. 3 OF 7 SHEETS STA. 3336+50 TO STA. 3342+00		CONTRACT NO. 60E73			
	PLOT DATE = #DATE#	CHECKED - JCM	REVISED -					FED. ROAD DIST. NO. ILLINOIS FAP 338 (IL RTE. 59)			
		DATE - JANUARY 16, 2009	REVISED -								

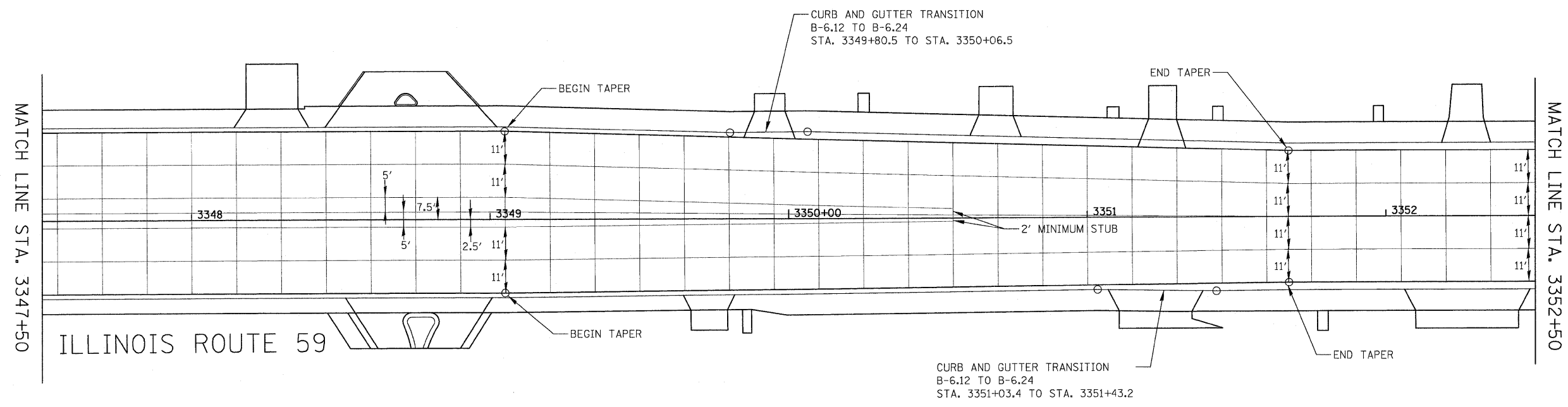


NOTES:

- 1) SEPARATION JOINT WITH SLEEPER SLAB SHALL BE CONSTRUCTED IN ACCORDANCE WITH IDOT DISTRICT 1 DETAIL BD-52.
- 2) SEE HIGHWAY STANDARDS 420101 AND 420106 FOR SPACING OF TRANSVERSE JOINTS.

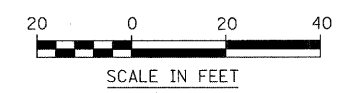


FILE NAME = #FILE#	USER NAME = #USER#	DESIGNED - PJO	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	JOINTING PLAN	F.A. RTE. 338	SECTION 113 N-2	COUNTY WILL	TOTAL SHEETS 260	SHEET NO. 104	
	PLOT SCALE = #SCALE#	CHECKED - JCM	REVISED -			SCALE: AS SHOWN		SHEET NO. 4 OF 7 SHEETS		STA. 3342+00 TO STA. 3347+50	
	PLOT DATE = #DATE#	DATE - JANUARY 16, 2009	REVISED -			FED. ROAD DIST. NO. [ILLINOIS]		CONTRACT NO. 60E73		FAP 338 (IL RTE. 59)	

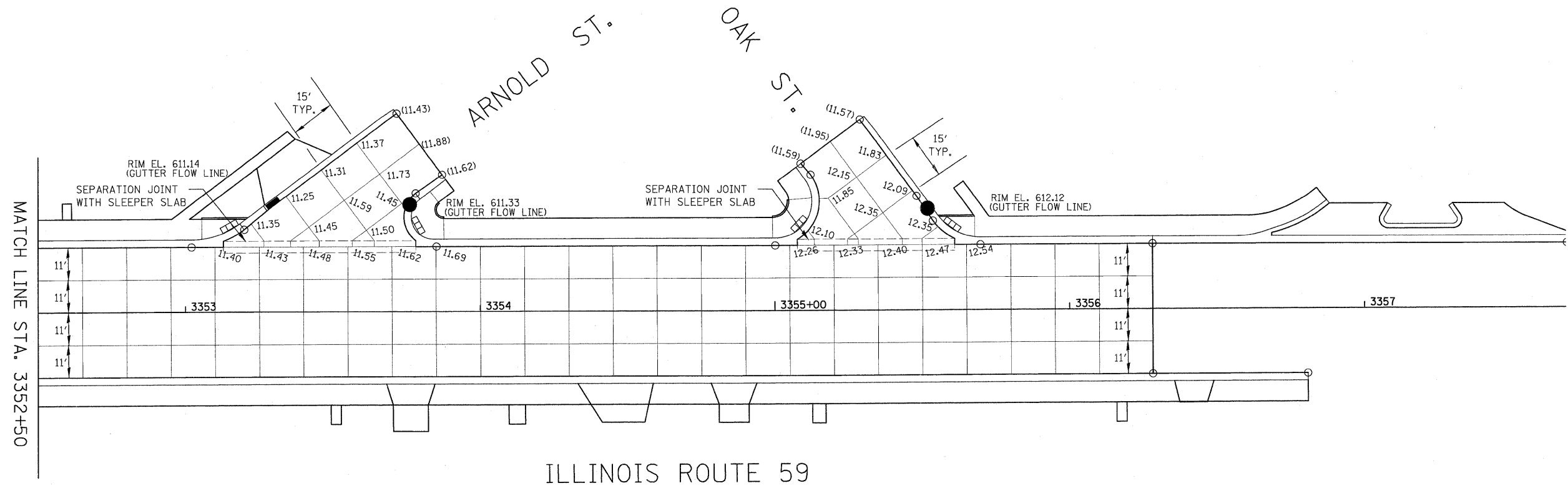


NOTES:

- 1) SEPARATION JOINT WITH SLEEPER SLAB SHALL BE CONSTRUCTED IN ACCORDANCE WITH IDOT DISTRICT 1 DETAIL BD-52.
- 2) SEE HIGHWAY STANDARDS 420101 AND 420106 FOR SPACING OF TRANSVERSE JOINTS.

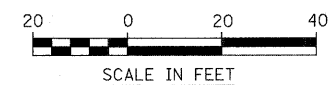


FILE NAME = #FILE#	USER NAME = #USER#	DESIGNED - PJO	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	JOINTING PLAN	F.A. RTE. 338	SECTION 113 N-2	COUNTY WILL	TOTAL SHEETS 260	SHEET NO. 105		
	PLOT SCALE = #SCALE#	CHECKED - JCM	REVISED -			SCALE: AS SHOWN SHEET NO. 5 OF 7 SHEETS STA. 3347+50 TO STA. 3352+50		CONTRACT NO. 60E73				
	PLOT DATE = #DATE#	DATE - JANUARY 16, 2009	REVISED -			FED. ROAD DIST. NO. ILLINOIS FAP 338 (IL RTE, 59)						

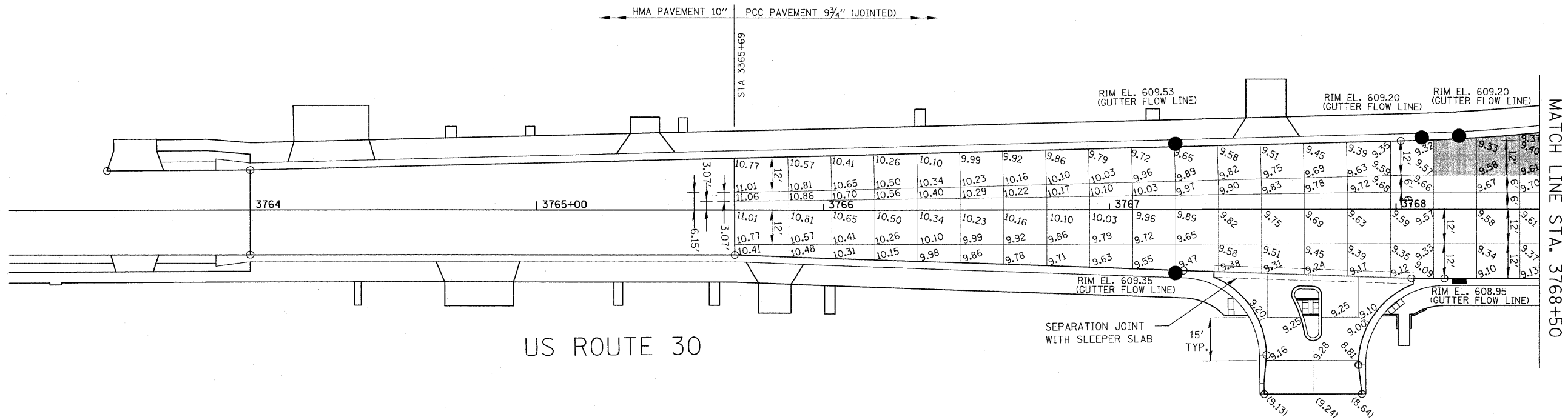
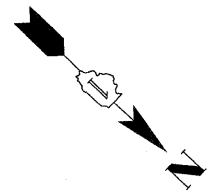


NOTES:

- 1) SEPARATION JOINT WITH SLEEPER SLAB SHALL BE CONSTRUCTED IN ACCORDANCE WITH IDOT DISTRICT 1 DETAIL BD-52.
- 2) SEE HIGHWAY STANDARDS 420101 AND 420106 FOR SPACING OF TRANSVERSE JOINTS.



FILE NAME =	USER NAME = #USER#	DESIGNED - PJO	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	JOINTING PLAN	F.A. RTE. 338	SECTION 113 N-2	COUNTY WILL	TOTAL SHEETS 260	SHEET NO. 106	
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	PLOT DATE = #DATE#	CHECKED - JCM	REVISED -			FED. ROAD DIST. NO. ILLINOIS		CONTRACT NO. 60E73		FAP 338 (IL RTE. 59)	
		DATE - JANUARY 16, 2009	REVISED -								

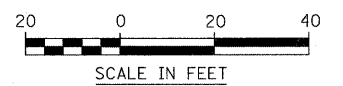


NOTES:

- 1) SEPARATION JOINT WITH SLEEPER SLAB SHALL BE CONSTRUCTED IN ACCORDANCE WITH IDOT DISTRICT 1 DETAIL BD-52.
- 2) SEE HIGHWAY STANDARDS 420101 AND 420106 FOR SPACING OF TRANSVERSE JOINTS.

LEGEND:

PAVEMENT AREA WITH CROSS SLOPE DIFFERENT THAN 2.0% AND/OR THE ELEVATION DIFFERS FROM THE PGL SHOWN ON THE U.S. ROUTE 30 PROFILE.



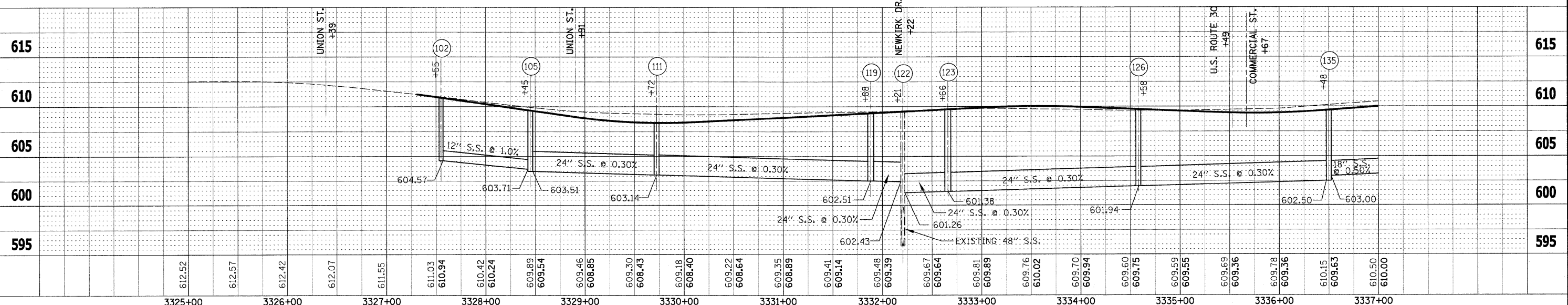
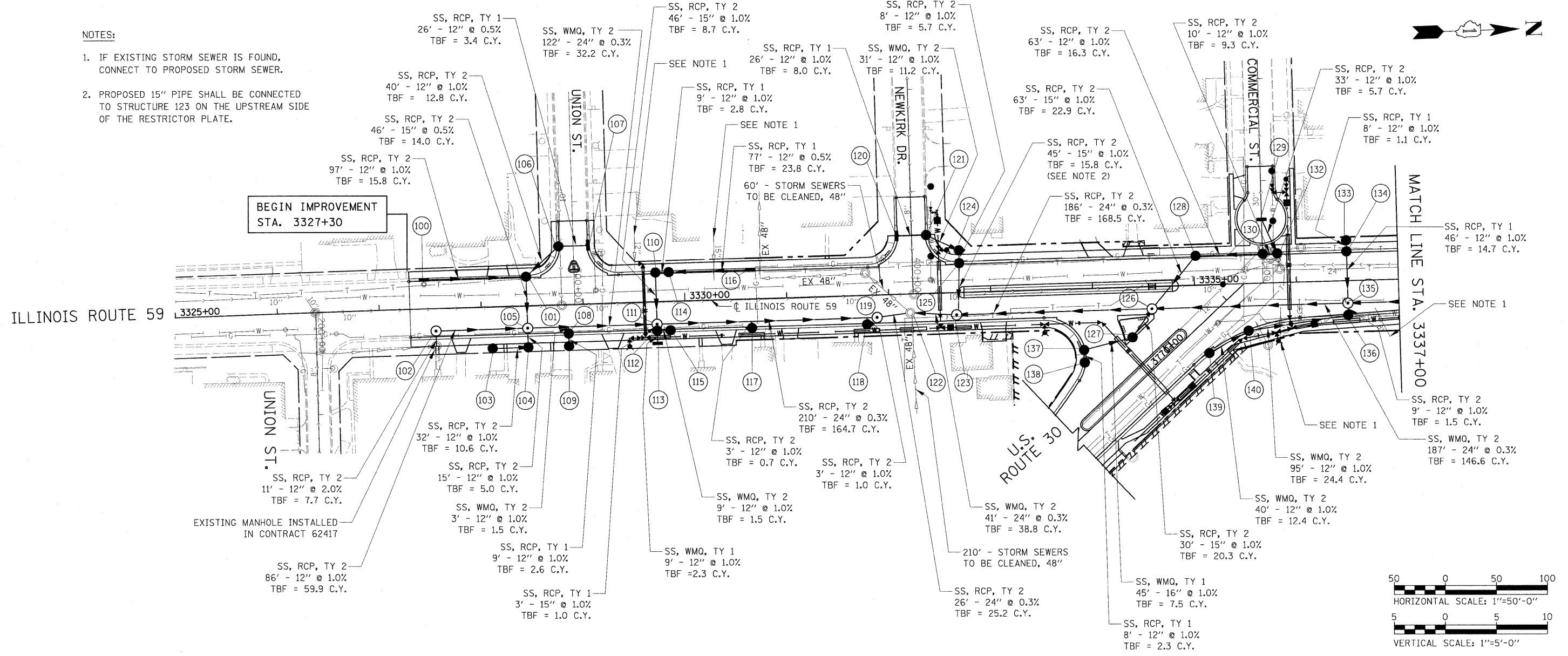
FILE NAME = #FILEL#	USER NAME = #USER#	DESIGNED - PJO	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	JOINTING PLAN	F.A. RTE. 338	SECTION 113 N-2	COUNTY WILL	TOTAL SHEETS 260	SHEET NO. 107	
	PLOT SCALE = #SCALE#	CHECKED - JCM	REVISED -			SCALE: AS SHOWN		SHEET NO. 7 OF 7 SHEETS		STA. 3765+69 TO STA. 3768+50	
	PLOT DATE = #DATE#	DATE - JANUARY 16, 2009	REVISED -			FED. ROAD DIST. NO. [ILLINOIS]		CONTRACT NO. 60E73		FAP 338 (IL RTE. 59)	

NOTES:

- IF EXISTING STORM SEWER IS FOUND, CONNECT TO PROPOSED STORM SEWER.
- PROPOSED 15" PIPE SHALL BE CONNECTED TO STRUCTURE 123 ON THE UPSTREAM SIDE OF THE RESTRICTOR PLATE.

DATE	
BY	
PLAN	
SURVEYED	
PLOTTED	
CHECKED	
BY	
NO.	
ADD FILE NAME	

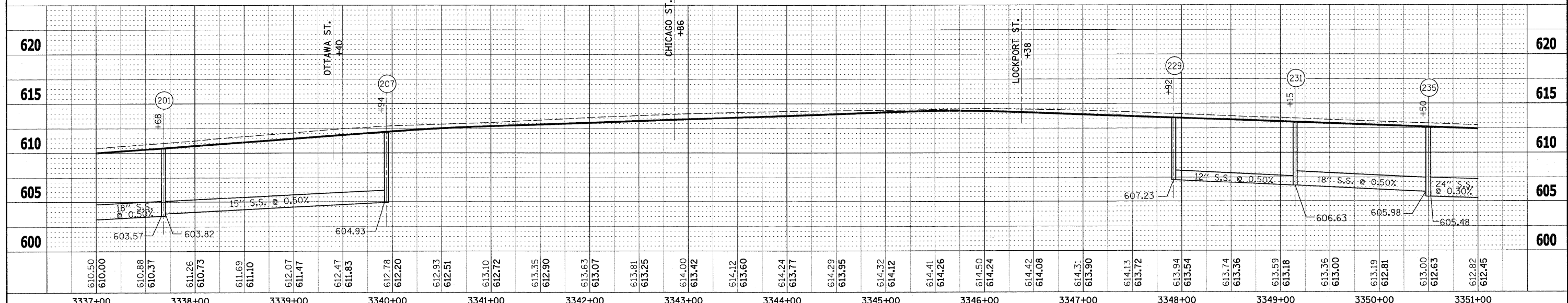
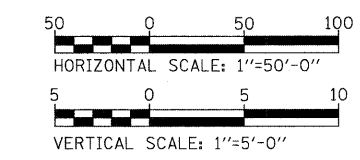
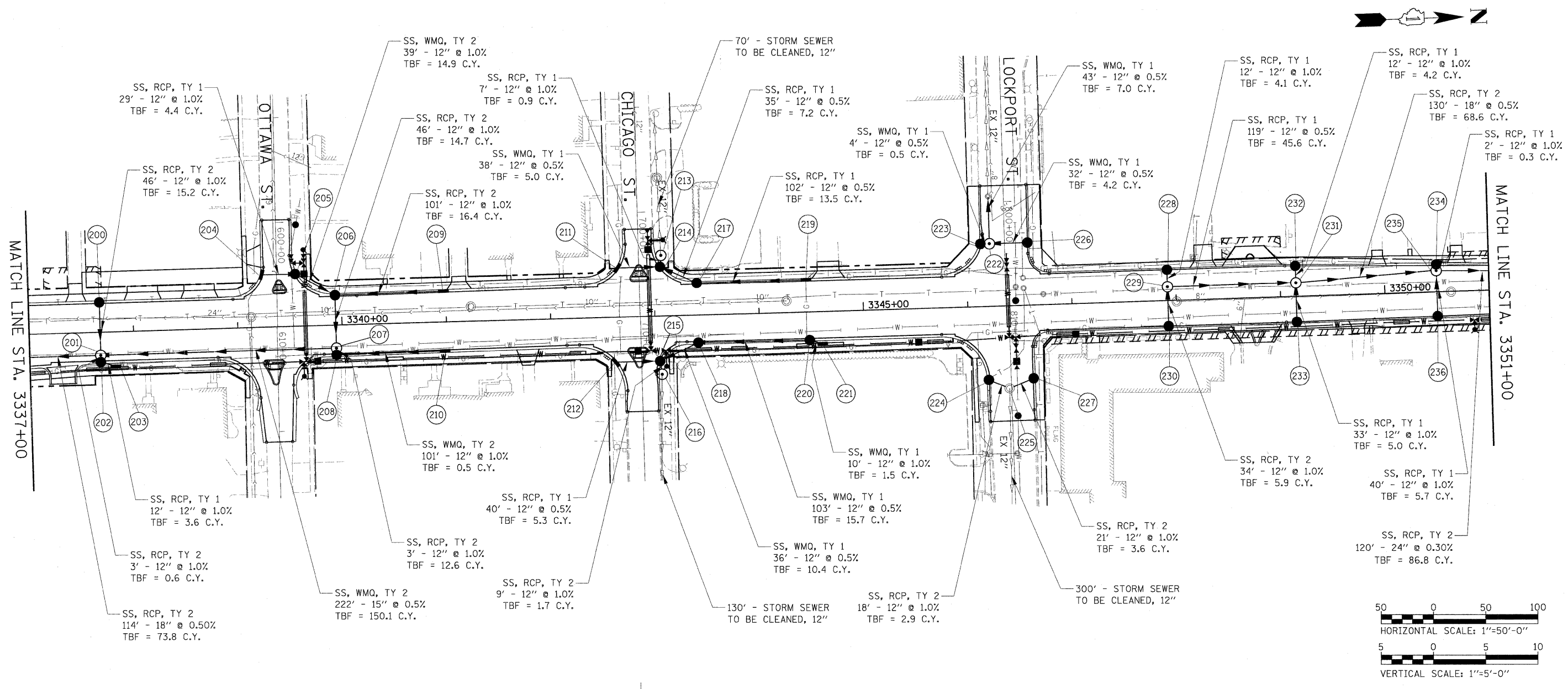
DATE	
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PROFILE	
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NO.	
STRUCTURE NOTATIONS	



FILE NAME =	USER NAME = #USER#	DESIGNED - PJO	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	ILLINOIS ROUTE 59 DRAINAGE PLAN & PROFILE	F.A. RTE. 338	SECTION 113 N-2	COUNTY WILL	TOTAL SHEETS 260	SHEET NO. 109	
*FILE#	PLOT SCALE = #SCALE#	DRAWN - RTA	REVISED -			SCALE: AS SHOWN	SHEET NO. 1 OF 3 SHEETS	STA. 3327+30 TO STA. 3337+00	FED. ROAD DIST. NO. ILLINOIS	FAP 338 (IL RTE. 59)	CONTRACT NO. 60E73
	PLOT DATE = #DATE#	CHECKED - JCM	REVISED -								
		DATE - JANUARY 16, 2009	REVISED -								

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

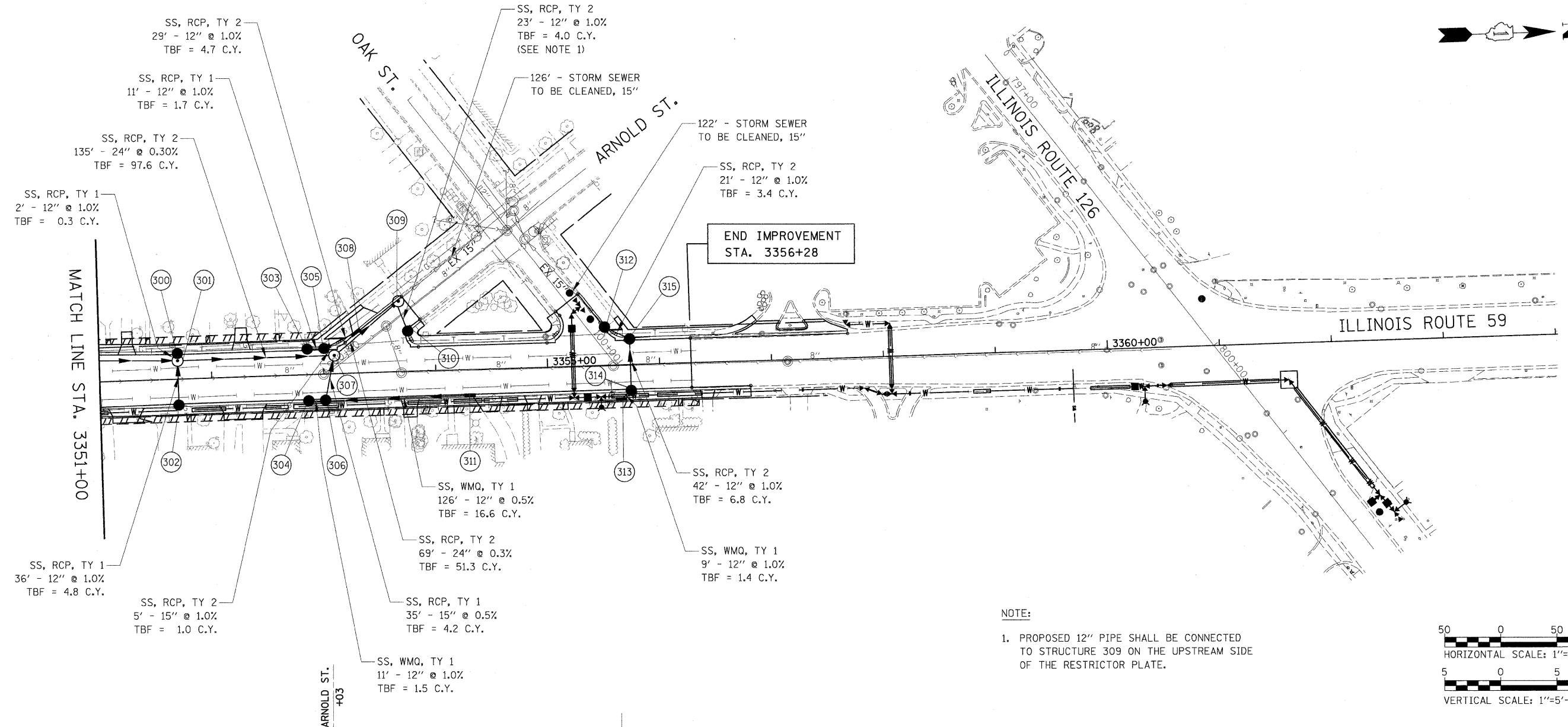
PROFILE SURVEYED BY: DATE: PLOTTED BY: CHECKED BY: RT. OF WAY CHECKED BY: STRUCTURE NOTATIONS CHECKED BY: NO.:



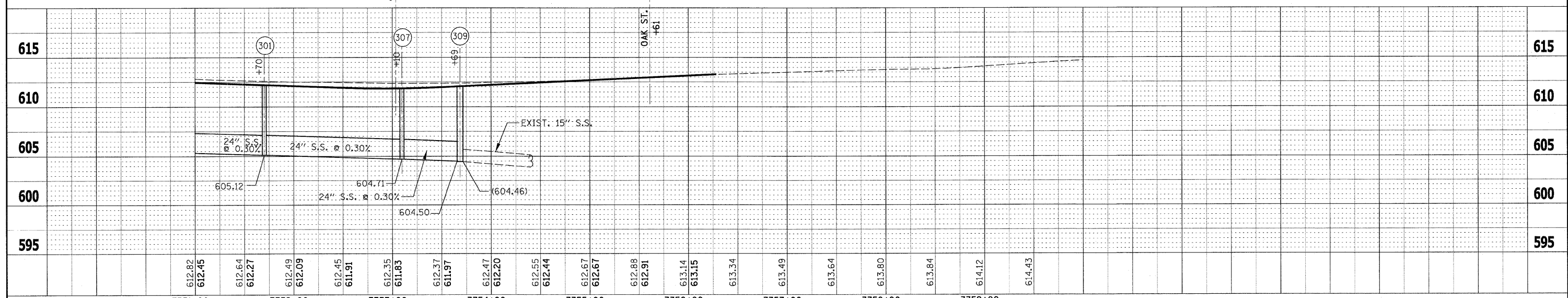
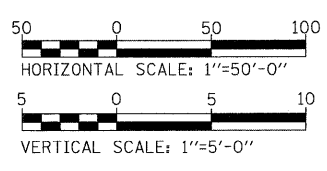
FILE NAME =	USER NAME = #USER#	DESIGNED - PJO	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	ILLINOIS ROUTE 59 DRAINAGE PLAN & PROFILE	F.A. RTE. 338	SECTION 113 N-2	COUNTY WILL	TOTAL SHEETS 260	SHEET NO. 110	
#FILE#	PLDT SCALE = #SCALE#	DRAWN - RTA	REVISED -			SCALE: AS SHOWN		SHEET NO. 2 OF 3 SHEETS		STA. 3337+00 TO STA. 3351+00	
	PLDT DATE = #DATE#	CHECKED - JCM	REVISED -			FED. ROAD DIST. NO. ILLINOIS		CONTRACT NO. 60E73		FAP 338 (IL RTE. 59)	
		DATE - JANUARY 16, 2009	REVISED -								

PLAN	DATE
BY	
NO.	
NO.	
NO.	
NO.	
NO.	

PROFILE	DATE
BY	
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NOTE:
1. PROPOSED 12" PIPE SHALL BE CONNECTED TO STRUCTURE 309 ON THE UPSTREAM SIDE OF THE RESTRICTOR PLATE.



FILE NAME =	USER NAME = #USER#	DESIGNED - PJO	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	ILLINOIS ROUTE 59 DRAINAGE PLAN & PROFILE	F.A. RTE. 338	SECTION 113 N-2	COUNTY WILL	TOTAL SHEETS 260	SHEET NO. 111	
#FILEL#	PLOT SCALE = #SCALE#	DRAWN - RTA	REVISED -			SCALE: AS SHOWN	SHEET NO. 3 OF 3 SHEETS	STA. 3351+00 TO STA. 3356+28	FED. ROAD DIST. NO. ILLINOIS	FAP 338 (IL RTE. 59)	CONTRACT NO. 60E73
	PLOT DATE = #DATE#	CHECKED - JCM	REVISED -								
		DATE - JANUARY 16, 2009	REVISED -								

DRAINAGE STRUCTURE TABLE (IL ROUTE 59)									
NO.	STATION	OFFSET	TYPE	FRAME	RIM	N. INV.	S. INV.	E. INV.	W. INV.
100	3327+45	28.5' LT	IN-A	T-24	610.45	606.00			
101	3328+45	28.5' LT	CB-A4	T-24	609.05		605.03	603.74	603.74
102	3327+55	22.0' RT	MH-A4	T1-CL	610.46	604.57		604.67	
103	3328+10	41.0' RT	CB-C	T-8	609.80	605.00			
104	3328+45	41.0' RT	CB-A4	T-8	608.90		604.68		604.68
105	3328+45	22.0' RT	MH-A5	T1-CL	609.20	603.51	603.71	604.53	603.51
106	299+43	14.5' RT	CB-A4	T-24	607.63	604.14			604.14
107	299+43	14.5' LT	IN-A	T-24	607.63		604.27		
108	3328+85	28.5' RT	CB-A4	T-24	608.49			603.93	603.93
109	3328+85	41.0' RT	CB-C	T-8	607.40				604.02
110	3329+72	28.5' LT	CB-A4	T-21	607.80	603.60		603.60	
111	3329+72	22.0' RT	MH-A5	T1-CL	607.95	603.14	603.14	603.50	603.14
112	3329+72	28.5' RT	CB-A4	T-21	607.80	603.53		603.53	603.53
113	3329+72	41.0' RT	IN-A	T-8	606.70				603.62
114	3329+85	28.5' LT	CB-A4	T-21	607.80	603.69	603.69		
115	3329+85	28.5' RT	CB-A4	T-21	607.80		603.62		
116	3330+65	28.5' LT	IN-A	T-24	608.15		604.08		
117	3330+65	28.5' RT	CB-C	T-24	608.15				603.40
118	3331+78	28.5' RT	CB-C	T-24	608.72				603.06
119	3331+88	22.0' RT	MH-A6/RP	T1-CL (2)	608.92	602.51	602.51		
120	399+43	14.5' RT	IN-A	T-24	608.18	604.18			
121	399+43	14.5' LT	CB-A4	T-24	608.18	603.92	603.92		
122	3332+21	18.5' RT	EX MH		609.14	601.26	602.43	(595.86)	(595.86)
* 123	3332+66	22.0' RT	MH-A6/RP	T1-CL (2)	609.31	601.38	601.38		603.08
124	3332+70	41.0' LT	CB-A4	T-8	609.00		603.61	603.61	
125	3332+70	28.5' LT	CB-A4	T-24	609.18			603.53	603.53
126	3334+58	22.0' RT	MH-A5	T1-CL	609.38	601.94	601.94	603.53	602.88
127	3770+08	37.0' LT	CB-A4	T-24	608.51		603.83		603.83
128	3335+02	28.5' LT	CB-A4	T-24	608.98	603.51		603.51	
129	499+38	0.0' LT	IN-A	T1-OL	608.57			604.57	
130	3335+68	28.5' LT	CB-A4	T-24	608.77	604.14	604.14		
132	3335+82	28.5' LT	CB-A4	T-24	608.77		604.24		604.24
133	3336+50	39.5' LT	CB-C	T-8	609.46			605.54	
134	3336+50	28.5' LT	CB-A4	T-24	609.07			603.46	605.46
135	3336+50	22.0' RT	MH-A5	T1-CL	609.22	603.00	602.50	602.99	603.00
136	3336+50	33.75' RT	CB-A4	T-24	608.95		603.08		603.08
137	3769+65	60.77' LT	CB-A4	T-21	608.28	604.28		604.28	
138	3769+57	51.35' LT	CB-A4	T-21	608.43				604.36
139	3770+52	26.06' RT	CB-A4	T-21	608.43	604.43			
140	3770+95	36.70' RT	CB-A4	T-21	608.43		604.03		604.03

DRAINAGE STRUCTURE TABLE (IL ROUTE 59)									
NO.	STATION	OFFSET	TYPE	FRAME	RIM	N. INV.	S. INV.	E. INV.	W. INV.
200	3337+68	28.5' LT	CB-A4	T-24	609.94			605.94	
201	3337+68	22.0' RT	MH-A4	T1-CL	610.10	603.82	603.57	605.60	605.48
202	3337+68	28.5' RT	CB-A4	T-24	609.94	605.63			605.63
203	3337+82	33.0' RT	IN-A	T-8	609.75		605.75		
204	600+50	14.4' RT	IN-A	T-24	610.73	606.88			
205	600+50	17.8' LT	CB-A4	T-24	610.73	606.59	606.59		
206	3339+94	28.5' LT	CB-A4	T-24	611.60	607.15	606.20	606.20	
207	3339+94	22.0' RT	MH-A4	T1-CL	611.75		604.93	607.12	605.74
*** 208	3339+94	28.5' RT	CB-A4	T-24	611.60	607.15			607.15
209	3340+98	29.3' LT	IN-A	T-24	612.16		608.16		
210	3340+98	27.7' RT	IN-A	T-24	612.16		608.16		
211	700+53	20.4' RT	IN-A	T-24	612.48	609.73			
212	710+43	24.7' RT	IN-A	T-24	612.52	608.89			
213	700+42	21.5' LT	MH-A4	T1-CL	613.20			609.38	(609.38)
214	700+53	20.4' LT	CB-A4	T-24	612.48	609.45	609.54		609.45
215	710+43	17.8' LT	CB-A4	T-24	612.63	608.69	608.69	608.69	
216	710+56	19.4' RT	MH-A4	T1-CL	613.50			(608.36)	608.60
217	3343+41	30.5' LT	CB-A4	T-24	613.01	609.63	609.63		
218	3343+41	26.5' RT	CB-A4	T-24	613.01	608.87	608.87		
219	3344+48	30.5' LT	IN-A	T-24	613.38			610.14	
220	3344+48	26.5' RT	CB-A4	T-24	613.38	609.39	609.39		
221	3344+60	30.9' RT	IN-A	T-8	613.70		609.49		
222	800+40	14.5' RT	MH-A4	T1-CL	613.46	610.65	610.65		610.65
223	800+40	23.1' RT	CB-C	T-24	613.33	610.67			
224	810+70	21.5' RT	CB-A4	T1-OL	613.08	609.08			
225	810+79	1.8' RT	EX MH		613.36	608.87	608.90	(604.79)	
226	800+40	22.0' LT	CB-C	T1-OL	613.39		610.81		
227	810+70	21.5' LT	CB-A4	T1-OL	613.08		609.08		
228	3347+92	29.5' LT	CB-C	T1-OL	613.07			607.35	
229	3347+92	13.0' LT	MH-A4	T1-CL	613.38	607.23		608.73	607.23
230	3347+92	24.5' RT	CB-A4	T1-OL	613.07				609.07
*** 231	3349+15	12.7' LT	MH-A4	T1-CL	612.94	606.63	606.63	608.57	606.63
232	3349+15	29.2' LT	CB-C	T1-OL	612.62			606.75	
233	3349+15	24.5' RT	CB-C	T1-OL	612.62				608.90
234	3350+50	26.4' LT	CB-C	T-24	612.07			608.07	
235	3350+50	19.9' LT	MH-A5	T1-CL	612.25	605.48	605.98	608.10	608.05
*** 236	3350+50	23.1' RT	CB-A4	T1-OL	612.13				608.50

NOTES:

- RIM ELEVATIONS ARE TO THE CENTER OF THE TYPE 8 GRATE, AND TYPE 1 FRAME CLOSED LID LOCATED IN THE PAVEMENT OR GRASS PARKWAY. RIM ELEVATIONS ARE TO THE FLOW LINE OF THE TYPE 21 AND TYPE 24 FRAMES AND GRATES AND THE TYPE 1 FRAME, OPEN LID LOCATED ALONG THE CURB AND GUTTER.
- THE OFFSET FROM CENTERLINE FOR ALL DRAINAGE STRUCTURES IS TO THE CENTER OF THE STRUCTURE.
- INVERT ELEVATIONS IN PARENTHESIS (XXX.XX) ARE EXISTING ELEVATIONS.

* ROTATION OF THE RESTRICTOR PLATE MAY BE REQUIRED TO CONNECT THE 24" (N. INV.) AND THE 15" (W. INV.) PIPES ON THE UPSTREAM SIDE OF THE RESTRICTOR PLATE.

** ROTATION OF THE RESTRICTOR PLATE MAY BE REQUIRED TO CONNECT THE 24" (S. INV.) AND THE 12" (E. INV.) PIPES ON THE UPSTREAM SIDE OF THE RESTRICTOR PLATE.

*** TEMPORARY CULVERT PIPE CONNECTION TO THESE STRUCTURES IS REQUIRED. SEE EROSION CONTROL PLANS OF THE SIZE AND LOCATION OF THE CONNECTION. THE CONTRACTOR SHALL HAVE THE OPTION TO HAVE THE HOLES FOR THE TEMPORARY CULVERT PIPE CONNECTIONS MANUFACTURED OR CORE THEM IN THE FIELD. AFTER THE TEMPORARY PIPE IS REMOVED THE CONTRACTOR SHALL PLUG THE HOLES WITH BRICK AND MORTAR AS DIRECTED BY THE ENGINEER. THE COST FOR MANUFACTURING OR CORING THE TEMPORARY CONNECTION HOLES AND FOR PLUGGING THE HOLES SHALL BE INCLUDED IN THE CONTRACT UNIT PRICE FOR THE PROPOSED STRUCTURES.

DRAINAGE STRUCTURE TABLE (IL ROUTE 59)									
NO.	STATION	OFFSET	TYPE	FRAME	RIM	N. INV.	S. INV.	E. INV.	W. INV.
300	3351+70	23.0' LT	CB-C	T-24	611.64			607.64	
301	3351+70	16.5' LT	MH-A5	T1-CL	611.87	605.12	605.12	607.94	607.62
302	3351+70	23.0' RT	CB-C	T-24	611.64				608.30
303	3352+86	23.0' LT	CB-A4	T-21	611.27	607.20			
*** 304	3352+86	23.0' RT	CB-A4	T-21	611.27	608.01			
305	3353+01	23.0' LT	CB-A4	T-21	611.27	606.85	607.09	606.85	
306	3353+01	23.0' RT	CB-A4	T-21	611.27	607.90	607.90		607.90
307	3353+10	16.5' LT	MH-A6	T1-CL	611.51	604.71	604.71	607.73	606.80
308	900+43	13.5' LT	IN-A	T1-OL	611.14		607.14		
** 309	900+90	11.7' LT	MH-A6/RP	T1-CL (2)	611.50	(604.46)	604.50	606.97	
310	900+80	14.4' RT	CB-A4	T1-OL	611.33				607.20
311	3354+30	23.0' RT	IN-A	T-24	611.78		608.53		
312	99+67	13.0' LT	CB-A4	T1-OL	612.12	607.83			(606.05)
313	3355+65	30.5' RT	IN-A	SPECIAL FRAME, CLOSED LID	612.50				608.55
*** 314	3355+74	23.0' RT	CB-A4	T-24	612.46			608.46	608.46
315	3355+74	23.0' LT	CB-A4	T-24	612.46		608.04	608.04	

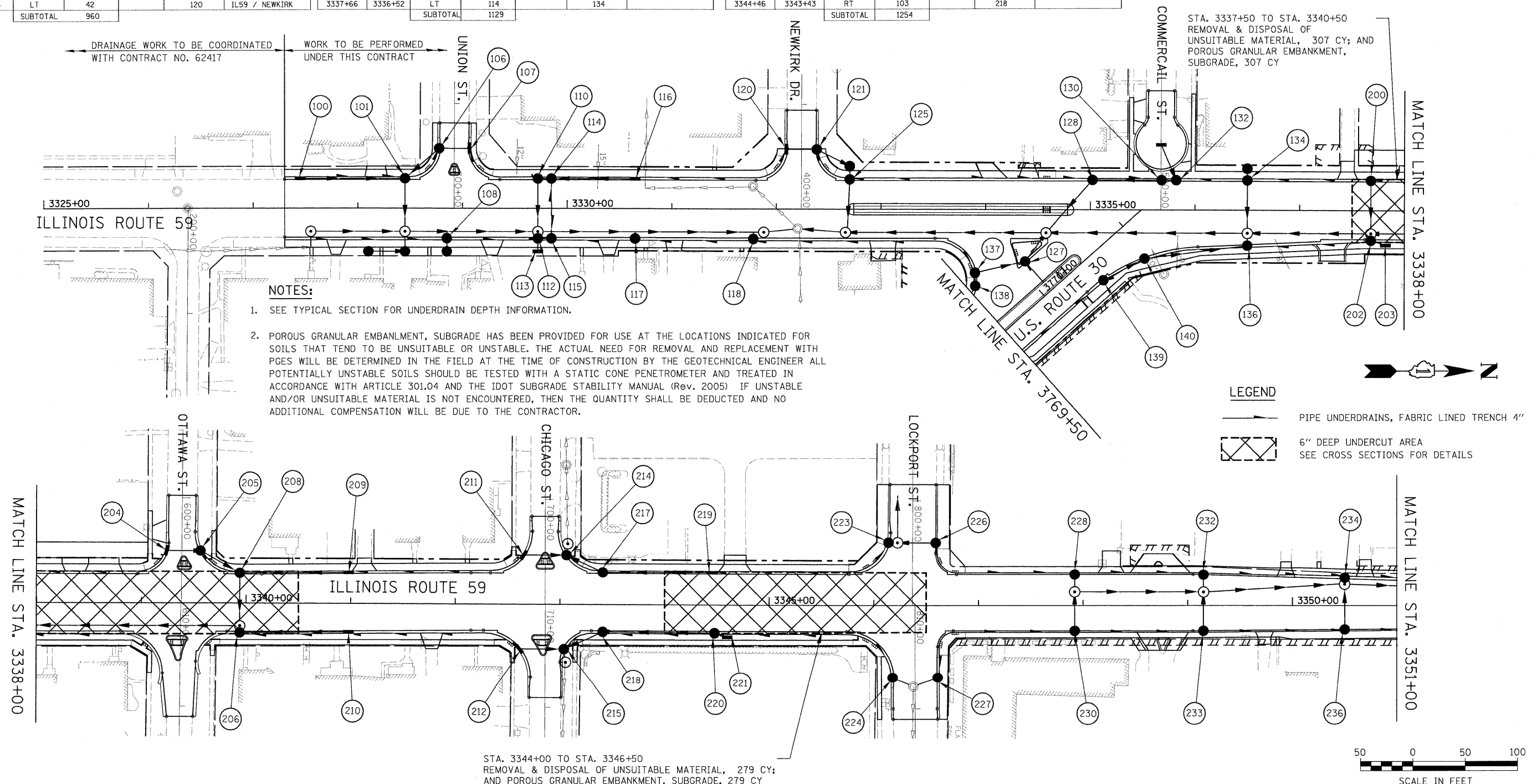
DRAINAGE STRUCTURE TABLE (US ROUTE 30)									
NO.	STATION	OFFSET	TYPE	FRAME	RIM	N. INV.	S. INV.	E. INV.	W. INV.
400	3764+06	21.0' LT	MH-A5	T1-CL	612.91				602.53
401	3766+00	29.0' LT	MH-A5	T1-CL	610.97	604.59		601.96	601.96
402	3766+00	19.9' LT	CB-A4	T-24	610.35	604.65	604.65		
403	3766+00	17.7' RT	IN-A	T-24	610.22		605.00		
404	3767+23	31.0' LT	MH-A5	T1-CL	610.17	602.04		601.60	601.60
405	3767+23	23.0' LT	CB-A4	T-24	609.53	603.12	602.07		602.07
*** 406	3767+23	22.1' RT	CB-A4	T-24	609.35	605.35	603.50		
407	3767+20	33.4' RT	IN-A	T-8	609.50		605.44		
408	3767+42	33.0' LT	MH-A6/RP	T1-CL (2)	610.08			601.56	601.56
409	3767+64	33.0' LT	MH-A6	T1-CL	609.98	(596.13)	(596.13)	601.51	
410	3768+09	25.1' LT	CB-A4	T-21	609.20			602.89	602.89
411	3768+22	25.7' LT	CB-A4	T-21	609.20	602.98		602.98	
*** 412	3768+22	25.0' RT	CB-A4	T-24	608.95		603.45		

PIPE UNDERDRAINS, FABRIC LINED TRENCH 4"						
UP STATION	DOWN STATION	RUN LOCATION	P UNDR FAB LINE TR 4 (FT)	DEPTH (IN)	OUTLET STRUCTURE NO.	NOTES
3327+30	3327+44	LT	14		100	
3327+46	3328+43	LT	97		101	
3328+47	299+43	LT	45		106	IL59 / UNION
3327+30	3328+83	RT	153		108	
3329+70	299+43	LT	77		107	IL59 / UNION
3329+74	3329+83	LT	9		114	
3328+87	3329+70	RT	83		112	
3329+85		ACROSS	27		114	
3329+85		ACROSS	27		115	
3329+83	3329+74	RT	9		112	
3330+64	3329+87	LT	77		114	
3330+63	3329+87	RT	76		115	
3331+76	3330+67	RT	109		117	
3331+80	3330+67	LT	115		116	
3331+80	399+43	LT	42		120	IL59 / NEWKIRK
SUBTOTAL			960			

PIPE UNDERDRAINS, FABRIC LINED TRENCH 4"						
UP STATION	DOWN STATION	RUN LOCATION	P UNDR FAB LINE TR 4 (FT)	DEPTH (IN)	OUTLET STRUCTURE NO.	NOTES
3332+68	399+43	LT	38		121	IL59 / NEWKIRK
3333+80	3331+80	RT	180		118	
3333+80	3769+65	RT	54		137	IL59 / US 30
3769+65	3769+57	LT	10		138	US 30
3769+00	3769+55	LT	57		138	US 30
3770+08		ACROSS	25		127	US 30
3333+57	3332+72	LT	85		125	
3333+57	3335+00	LT	143		128	
3769+00	3770+50	RT	150		139	US 30
3770+93	3770+54	RT	41		139	US 30
3335+04	3335+66	LT	62		130	
3335+80	3335+70	LT	10		130	
3336+48	3335+84	LT	64		132	
3336+48	3335+53	RT	96		140	
3337+66	3336+52	LT	114		134	
SUBTOTAL			1129			

PIPE UNDERDRAINS, FABRIC LINED TRENCH 4"						
UP STATION	DOWN STATION	RUN LOCATION	P UNDR FAB LINE TR 4 (FT)	DEPTH (IN)	OUTLET STRUCTURE NO.	NOTES
3337+66	3336+52	RT	114		136	
3339+00	3337+70	LT	130		200	
3338+85	3337+70	RT	115		202	
3339+00	600+50	LT	37		204	IL 59 / LOCKPORT
3339+92	600+50	LT	40		205	IL 59 / LOCKPORT
3340+97	3339+96	LT	101		208	
3340+97	3339+96	RT	101		206	
3342+34	3340+99	LT	135		209	
3342+27	3340+99	RT	128		210	
3342+34	700+53	LT	35		211	IL 59 / CHICAGO
3342+27	710+43	RT	37		212	IL 59 / CHICAGO
3343+39	700+53	LT	35		214	IL 59 / CHICAGO
3343+39	710+43	RT	39		215	IL 59 / CHICAGO
3344+47	3343+43	LT	104		217	
3344+46	3343+43	RT	103		218	
SUBTOTAL			1254			

PIPE UNDERDRAINS, FABRIC LINED TRENCH 4"						
UP STATION	DOWN STATION	RUN LOCATION	P UNDR FAB LINE TR 4 (FT)	DEPTH (IN)	OUTLET STRUCTURE NO.	NOTES
3345+76	3344+49	LT	129		219	
3345+74	3344+50	RT	125		220	
3345+76	800+40	LT	49		223	IL 59 / LOCKPORT
3345+74	810+70	RT	65		224	IL 59 / LOCKPORT
3346+79	800+40	LT	38		226	IL 59 / LOCKPORT
3346+76	810+70	RT	50		227	IL 59 / LOCKPORT
3346+79	3347+90	LT	111		228	
3346+76	3347+90	RT	114		230	
3347+94	3349+13	LT	119		232	
3347+94	3349+13	RT	119		233	
3349+17	3350+48	LT	131		234	
3349+17	3350+48	RT	131		236	
SUBTOTAL			1181			
SHT. TOTAL			4524			



NOTES:

- SEE TYPICAL SECTION FOR UNDERDRAIN DEPTH INFORMATION.
- POROUS GRANULAR EMBANKMENT, SUBGRADE HAS BEEN PROVIDED FOR USE AT THE LOCATIONS INDICATED FOR SOILS THAT TEND TO BE UNSUITABLE OR UNSTABLE. THE ACTUAL NEED FOR REMOVAL AND REPLACEMENT WITH PGES WILL BE DETERMINED IN THE FIELD AT THE TIME OF CONSTRUCTION BY THE GEOTECHNICAL ENGINEER ALL POTENTIALLY UNSTABLE SOILS SHOULD BE TESTED WITH A STATIC CONE PENETROMETER AND TREATED IN ACCORDANCE WITH ARTICLE 301.04 AND THE IDOT SUBGRADE STABILITY MANUAL (Rev. 2005) IF UNSTABLE AND/OR UNSUITABLE MATERIAL IS NOT ENCOUNTERED, THEN THE QUANTITY SHALL BE DEDUCTED AND NO ADDITIONAL COMPENSATION WILL BE DUE TO THE CONTRACTOR.

STA. 3337+50 TO STA. 3340+50
REMOVAL & DISPOSAL OF
UNSUITABLE MATERIAL, 307 CY; AND
POROUS GRANULAR EMBANKMENT,
SUBGRADE, 307 CY

STA. 3344+00 TO STA. 3346+50
REMOVAL & DISPOSAL OF UNSUITABLE MATERIAL, 279 CY;
AND POROUS GRANULAR EMBANKMENT, SUBGRADE, 279 CY

FILE NAME = #FILEL#	USER NAME = #USER#	DESIGNED - PJO	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PIPE UNDERDRAINS AND UNDERCUT PLAN	F.A. RTE. 338	SECTION 113 N-2	COUNTY WILL	TOTAL SHEETS 260	SHEET NO. 114
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	PLOT DATE = #DATE#	CHECKED - JCM	REVISED -			FED. ROAD DIST. NO. [ILLINOIS] FAP 338 (IL RTE. 59)				
		DATE - JANUARY 16, 2009	REVISED -			SCALE: AS SHOWN SHEET NO. 1 OF 2 SHEETS STA. 3327+30 TO STA. 3351+00				

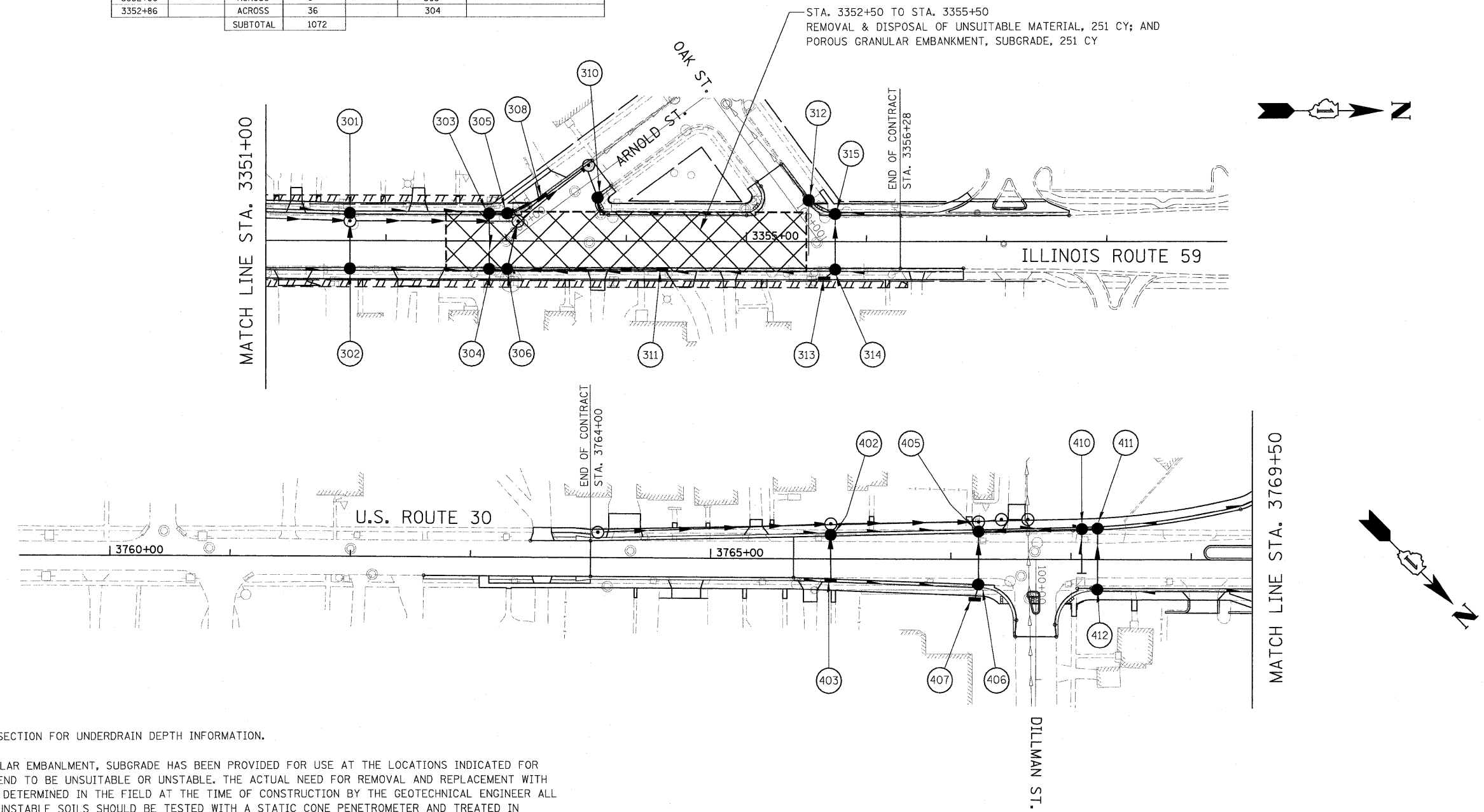
PIPE UNDERDRAINS, FABRIC LINED TRENCH 4"						
UP STATION	DOWN STATION	RUN LOCATION	P UNDR FAB LINE TR 4 (FT)	DEPTH (IN)	OUTLET STRUCTURE NO.	NOTES
3350+52	3351+68	LT	116		301	
3350+52	3351+68	RT	116		302	
3351+72	3352+84	LT	112		303	
3351+72	3352+84	RT	112		304	
3352+99	3352+88	LT	11		303	
3352+99	3352+88	RT	11		304	
3353+03	900+43	LT	30		308	IL 59 / ARNOLD ST.
3354+28	3353+03	RT	125		306	
3355+00	900+80	LT	130		310	IL 59 / ARNOLD ST.
3355+72	99+67	LT	22		312	IL 59 / OAK ST.
3355+72	3354+31	RT	141		311	
3356+28	3355+76	LT	52		315	
3356+28	3355+76	RT	52		314	
3352+86		ACROSS	6		303	
3352+86		ACROSS	36		304	
SUBTOTAL			1072			

PIPE UNDERDRAINS, FABRIC LINED TRENCH 4"						
UP STATION	DOWN STATION	RUN LOCATION	P UNDR FAB LINE TR 4 (FT)	DEPTH (IN)	OUTLET STRUCTURE NO.	NOTES
3766+02	3767+21	LT	119		405	
3766+01	3767+21	RT	120		406	
3767+25	3768+07	LT	82		410	
3768+20	3768+11	LT	9		410	
3769+00	3768+24	LT	76		411	
3769+00	3768+23	RT	77		412	
3768+09		ACROSS	35		410	
3765+69	3765+98	LT	30		402	
3765+69	3765+99	RT	30		403	
SUBTOTAL			578			
SHT. TOTAL			1650			
TOTAL			6174			

LEGEND

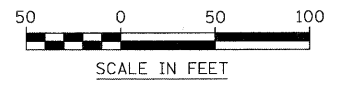
— PIPE UNDERDRAINS, FABRIC LINED TRENCH 4"

▨ 6" DEEP UNDERCUT AREA
SEE CROSS SECTIONS FOR DETAILS



STA. 3352+50 TO STA. 3355+50
REMOVAL & DISPOSAL OF UNSUITABLE MATERIAL, 251 CY; AND
POROUS GRANULAR EMBANKMENT, SUBGRADE, 251 CY

- NOTES:**
- SEE TYPICAL SECTION FOR UNDERDRAIN DEPTH INFORMATION.
 - POROUS GRANULAR EMBANKMENT, SUBGRADE HAS BEEN PROVIDED FOR USE AT THE LOCATIONS INDICATED FOR SOILS THAT TEND TO BE UNSUITABLE OR UNSTABLE. THE ACTUAL NEED FOR REMOVAL AND REPLACEMENT WITH PGES WILL BE DETERMINED IN THE FIELD AT THE TIME OF CONSTRUCTION BY THE GEOTECHNICAL ENGINEER ALL POTENTIALLY UNSTABLE SOILS SHOULD BE TESTED WITH A STATIC CONE PENETROMETER AND TREATED IN ACCORDANCE WITH ARTICLE 301.04 AND THE IDOT SUBGRADE STABILITY MANUAL (Rev. 2005) IF UNSTABLE AND/OR UNSUITABLE MATERIAL IS NOT ENCOUNTERED, THEN THE QUANTITY SHALL BE DEDUCTED AND NO ADDITIONAL COMPENSATION WILL BE DUE TO THE CONTRACTOR.



FILE NAME =	USER NAME = #USER#	DESIGNED - PJO	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PIPE UNDERDRAINS AND UNDERCUT PLAN	F.A. RTE. 338	SECTION 113 N-2	COUNTY WILL	TOTAL SHEETS 260	SHEET NO. 115	
#FILEL#	PLOT SCALE = #SCALE#	CHECKED - JCM	REVISED -			CONTRACT NO. 60E73					
	PLOT DATE = #DATE#	DATE - JANUARY 16, 2009	REVISED -			SCALE: AS SHOWN SHEET NO. 2 OF 2 SHEETS STA. 3327+30 TO STA. 3356+28 (IL 59) FED. ROAD DIST. NO. ILLINOIS FAP 338 (IL RTE. 59)					

GENERAL NOTES FOR WATER MAIN RELOCATION AND REPLACEMENT

1. PROVIDE PRECONSTRUCTION VIDEO TAPE(S) (OR DVD(S)) TO THE VILLAGE OF PLAINFIELD PRIOR TO THE START OF CONSTRUCTION.
2. CONTACT THE FOLLOWING PEOPLE AT LEAST 72 HOURS BEFORE CONSTRUCTION:
MR. ALLEN R. PERSONS, DIRECTOR OF PUBLIC WORKS FOR THE VILLAGE OF PLAINFIELD AT (815) 436-3577.
MR. MARK STOFKO, WATER SUPERINTENDENT FOR THE VILLAGE OF PLAINFIELD AT (815) 436-3577.
3. WATER MAINS TO BE INSTALLED WITH A MINIMUM OF 5'-6" OF COVER UNLESS OTHERWISE SHOWN ON DRAWINGS.
4. THE LOCATIONS OF EXISTING UNDERGROUND FACILITIES SHOWN ON THE DRAWINGS ARE BASED ON INFORMATION PROVIDED BY OWNERS OF THE FACILITIES AND THE ENGINEER AND ARE NOT NECESSARILY COMPLETE OR ACCURATE.
5. PROTECT EXISTING UNDERGROUND UTILITIES AND BUILDING SERVICE LINES FROM DAMAGE. MAKE EXPLORATIONS AS NECESSARY TO DETERMINE THE EXACT LOCATIONS OF EXISTING UTILITIES AND SERVICE LINES. EXERCISE CARE DURING THE PROGRESS OF WORK TO PREVENT DAMAGE TO EXISTING UNDERGROUND FACILITIES.
6. COORDINATE WITH UTILITY COMPANIES TO SUPPORT, PROTECT, OR REMOVE AND REPLACE ALL POLES OR POLE ANCHORS AFFECTED BY WATER MAIN AND SANITARY SEWER CONSTRUCTION, EVEN WHERE SUPPORT IS NOT INDICATED ON THE DRAWINGS. COST OF THIS WORK SHALL BE INCIDENTAL TO CONSTRUCTION.
7. PROVIDE TRAFFIC CONTROL AS REQUIRED IN ACCORDANCE WITH THE STATE OF ILLINOIS "MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES FOR STREETS AND HIGHWAYS"; THE STATE OF ILLINOIS "STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION" AND "SUPPLEMENTAL SPECIFICATIONS AND RECURRING SPECIAL PROVISIONS"; AND LOCAL GOVERNMENTAL AUTHORITY DURING ALL PHASES OF CONSTRUCTION.
8. IF TRENCH DEWATERING IS REQUIRED, PROTECT ADJOINING PROPERTIES AND HOSE DISCHARGE LOCATIONS FROM EROSION. USE SILT BAGS ON DISCHARGE HOSES FOR SEDIMENTATION CONTROL.
9. OVER EXCAVATE UNSUITABLE SOIL ENCOUNTERED AT THE BOTTOM OF THE PIPE, MANHOLE OR VAULT; AND REPLACE WITH GRANULAR MATERIAL AS DIRECTED BY BAXTER & WOODMAN, INC.
10. REPLACE EXISTING DRAIN TILES DISTURBED DURING TRENCHING OPERATIONS WITH SAME SIZE P.V.C. (SDR 26) PLASTIC PIPE AND NON-SHEAR, FLEXIBLE, STAINLESS STEEL BANDED COUPLINGS.
11. DO NOT STORE MATERIALS, STRUCTURES, OR MACHINES WHERE THEY WILL OBSTRUCT STREET OR DRIVEWAY SIGHTLINES.
12. RE-ESTABLISH EXISTING DRAINAGE PATTERNS IMMEDIATELY AFTER BACKFILLING AND DURING FINAL GRADING.
13. COVER ALL NEW FIRE HYDRANTS WITH BLACK PLASTIC BAGS AFTER INSTALLATION AND UNTIL NEW WATER MAIN IS IN SERVICE.
14. NOTIFY BAXTER & WOODMAN, INC. OF ANY CONFLICTS BETWEEN THE PROPOSED WATER MAIN OR SANITARY SEWER LOCATIONS AND EXISTING UTILITY FACILITIES AT LEAST 3 WORKING DAYS PRIOR TO THE INSTALLATION OF THE WATER MAINS OR SANITARY SEWERS.
15. CONTRACTORS TO NOTIFY RESIDENTS OR BUSINESSES AT LEAST 48 HOURS PRIOR TO ANY DISRUPTION OR SHUTDOWN OF WATER SERVICE.
16. EXISTING VALVES ARE TO BE RESTRAINED OR BRACED AS REQUIRED PRIOR TO CLOSING VALVES FOR CONNECTION OF PROPOSED WATER MAINS TO EXISTING WATER MAINS OR FOR ABANDONMENT OF EXISTING WATER MAINS.
17. AT LOCATIONS WHERE WATER MAIN QUALITY PIPE IS USED TO REPLACE EXISTING SANITARY SEWER, APPLY GREEN TAPE OVER PIPE SPECIFICATION LABELS ALONG THE ENTIRE LENGTH OF EACH SECTION OF REPLACEMENT SEWER PIPE.
18. INSTALL NEW WATER MAINS BENEATH EXISTING WATER MAINS AND WATER SERVICE PIPES, UNLESS OTHERWISE NOTED ON DRAWINGS.
19. WATER MAIN PIPE SHALL BE:
 - A. OPEN-CUT TRENCHES:
 1. DUCTILE IRON PIPE COMPLYING WITH A.N.S.I. A21.51, THICKNESS CLASS 52; WITH JOINTS COMPLYING WITH A.N.S.I. A 21.11; AND WITH CEMENT LINING COMPLYING WITH A.N.S.I. A21.4/A.W.W.A. C104, STANDARD THICKNESS.
20. ALL DUCTILE IRON PIPE, FITTINGS, VALVES, FIRE HYDRANTS AND SERVICE CONNECTIONS SHALL BE WRAPPED WITH POLYETHYLENE SHEETING OR TUBES.

21. GRANULAR PIPE BEDDING AND COVERING MATERIAL SHALL CONFORM TO THE FOLLOWING:
 - A. PROVIDE WELL GRADED SAND, GRAVEL OR CRUSHED STONE FREE OF CLAY, LOAM, DIRT, CALCAREOUS OR OTHER FOREIGN MATTER CONFORMING TO I.D.O.T. "STANDARD SPECIFICATIONS" GRADATION CA-11 OR THE STANDARD SPECIFICATIONS FOR WATER AND SEWER CONSTRUCTION IN ILLINOIS, WITH THE FOLLOWING GRADATION:

SIEVE SIZE	PERCENT PASSING
1 INCH	100%
3/4 INCH	84 - 100%
1/2 INCH	30 - 60%
NO. 4	0 - 12%
NO. 16	0 - 6%
 - B. FOR FLEXIBLE THERMOPLASTIC PIPE: COMPLY WITH A.S.T.M. D2321, CLASS IA, IB OR II AS MODIFIED BELOW:
 1. EXCLUDE SHARP ANGULAR CRUSHED STONE GRANULAR MATERIALS.
 2. LIMIT MAXIMUM PARTICLE SIZE TO 1/2 INCH.
 3. DO NOT USE CLASS II MATERIALS IN WET TRENCH CONDITIONS.
 - C. FOR RIGID PIPES COMPLY WITH A.S.T.M. C12, BEDDING CLASS B.
22. WATER SERVICES (1 1/2" MINIMUM SIZE) TO BE INSTALLED AFTER NEW WATER MAINS HAVE BEEN TESTED, DISINFECTED, FLUSHED AND ACCEPTED FOR USE BY THE VILLAGE OF PLAINFIELD. LOCATIONS OF WATER SERVICES TO BE DETERMINED AT TIME OF CONSTRUCTION.
23. ABANDON EXISTING WATER MAINS, FIRE HYDRANTS, VALVES, VALVE VAULTS AND BOXES, AND SERVICE LINES AFTER ALL NEW WATER MAIN HAS BEEN INSTALLED, TESTED, DISINFECTED, AND ACCEPTED FOR USE BY THE VILLAGE OF PLAINFIELD AND AFTER ALL WATER SERVICES HAVE BEEN CONNECTED TO THE NEW WATER MAINS. FIRE HYDRANTS, VALVE BOXES, VALVE VAULT FRAMES AND COVERS REMOVED DURING WATER MAIN ABANDONMENT WORK SHALL BE DELIVERED TO THE VILLAGE OF PLAINFIELD PUBLIC WORKS GARAGE.
24. WHERE PLUGS OR CAPS ARE CALLED FOR ON THE PLANS, CONTRACTOR MAY USE PLUG OR CAP FITTINGS, AT THE CONTRACTOR'S OPTION, DEPENDING ON WHETHER OR NOT A BELL END EXISTS AT THE END OF THE WATER MAIN PIPE TO BE PLUGGED/CAPPED. PLUGS/CAPS SHALL INCLUDE CONCRETE THRUST BLOCKS AS REQUIRED.
25. AT LOCATIONS WHERE A MINIMUM LENGTH OF CASING PIPE IS CALLED OUT TO BE INSTALLED BY AUGERING AND JACKING OR RAMMING, ONLY THE MINIMUM LENGTH OF CASING WILL BE PAID FOR AS AUGERED AND JACKED OR RAMMED CASING PIPE. THE REMAINDER OF THE CASING PIPE CAN BE INSTALLED BY AUGERING AND JACKING OR RAMMING, BUT WILL BE PAID FOR AS OPEN-CUT CASING PIPE.
26. DETERMINE LOCATION, ELEVATION AND SIZE OF EXISTING WATER MAINS RELATIVE TO PROPOSED WATER MAIN PRIOR TO INSTALLATION OF CASING PIPES. CONNECT PROPOSED WATER MAINS TO EXISTING WATER MAINS WITH FITTINGS AS REQUIRED. JOINT DEFLECTION FOR PIPE AND FITTINGS SHALL NOT EXCEED 66% OF MANUFACTURER'S MAXIMUM RECOMMENDED JOINT DEFLECTION.
27. CONTRACTOR SHALL INSTALL WATER MAIN PRIOR TO UTILITY COMPANIES INSTALLING NEW OR RELOCATED UTILITIES PARALLEL TO WATER MAIN.

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	DRAWN - KAR	REVISED -
PLOT SCALE = 1:2000' / 1"	CHECKED - SMV	REVISED -
PLOT DATE = 1/5/2009	DATE - 06-13-08	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

GENERAL NOTES

SCALE: SHEET NO. **1** OF **8** SHEETS STA. TO STA.

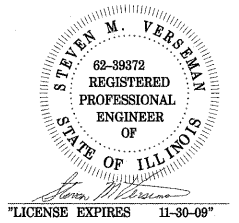
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
338	113 N-2	WILL	260	116
FED. ROAD DIST. NO. ILLINOIS			CONTRACT NO. 60E73	
FAP 338 (IL RTE. 59)			LICENSE EXPIRES 11-30-09	

SUMMARY OF QUANTITIES FOR WATER MAIN RELOCATION AND REPLACEMENT

CODE NO.	PAY ITEM	UNIT	TOTAL QUANTITY
* 20201200	REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL	CU YD	50
* 42001600	PORTLAND CEMENT CONCRETE PAVEMENT (VARIABLE DEPTH)	SQ YD	40
* 42300800	PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT, 8 INCH, SPECIAL	SQ YD	120
* 44001700	COMBINATION CONCRETE CURB AND GUTTER REMOVAL AND REPLACEMENT	FOOT	40
* 56103100	DUCTILE IRON WATER MAIN 8"	FOOT	410
* 56103510	DUCTILE IRON WATER MAIN 20"	FOOT	2,785
* 56105000	WATER VALVES 8"	EACH	7
* 56105200	WATER VALVES 12"	EACH	2
* 56105780	BUTTERFLY VALVES 20"	EACH	10
* 56200500	WATER SERVICE LINE 1 1/2"	FOOT	1,335
* 56200700	WATER SERVICE LINE 2"	FOOT	220
* 56400820	FIRE HYDRANT WITH AUXILIARY VALVE AND VALVE BOX	EACH	15
* 59300100	CONTROLLED LOW-STRENGTH MATERIAL	CU YD	200
* 60248700	VALVE VAULTS, TYPE A, 4'-DIAMETER, TYPE 1 FRAME, CLOSED LID	EACH	8
* 60248900	VALVE VAULTS, TYPE A, 5'-DIAMETER, TYPE 1 FRAME, CLOSED LID	EACH	1
* 60249110	VALVE VAULTS, 4'-DIAMETER	EACH	4
* 60249120	VALVE VAULTS, 5'-DIAMETER	EACH	1
* 60900515	CONCRETE THRUST BLOCKS	EACH	6
* X0321317	GRANULAR BACKFILL	CU YD	5,670
* X0323190	DUCTILE IRON WATER MAIN TEE, 12" X 12"	EACH	1
* X0323820	DUCTILE IRON WATER MAIN TEE, 8" X 8"	EACH	1
* X0324439	DUCTILE IRON WATER MAIN FITTINGS, 4" PLUG	EACH	1
* X0324445	DUCTILE IRON WATER MAIN FITTINGS 8" 22.5 DEGREE BEND	EACH	2
* X0324930	DUCTILE IRON SLEEVE, 12"	EACH	2
* X0324931	DUCTILE IRON SLEEVE, 8"	EACH	2
* X0325846	ABANDONMENT OF EXISTING WATER MAINS	LSUM	-
* X0325885	STEEL CASING PIPE AUGERED AND JACKED 36"	FOOT	405
* XX000970	PARKWAY RESTORATION	LSUM	-
* XX001306	SIDEWALK REMOVAL AND REPLACEMENT	SQ FT	2,360
* XX001899	STORM SEWERS, TYPE 2 6" (FIELD TILE REPLACEMENT)	FOOT	100
* XX001900	STORM SEWERS, TYPE 2 8" (FIELD TILE REPLACEMENT)	FOOT	50
* XX001987	LINE STOPS 4"	EACH	8
* XX003516	CONNECTIONS TO EXISTING WATER MAINS (NON-PRESSURE) - 8"	EACH	2
* XX003517	CONNECTIONS TO EXISTING WATER MAINS (NON-PRESSURE) - 6"	EACH	1
* XX003518	CONNECTIONS TO EXISTING WATER MAINS (NON-PRESSURE) - 4"	EACH	4
* XX003525	DUCTILE IRON WATER MAIN FITTINGS - 8" X 4" REDUCER	EACH	2
* XX003526	DUCTILE IRON WATER MAIN FITTINGS - 8" X 6" REDUCER	EACH	5
* XX003528	DUCTILE IRON WATER MAIN FITTINGS - 8" PLUG	EACH	1
* XX003532	WATER SERVICE CONNECTION 1.5"	EACH	46
* XX003539	DUCTILE IRON WATER MAIN FITTINGS 8" X 6" TEE	EACH	2
* XX003542	DUCTILE IRON WATER MAIN FITTINGS 6" 45 DEGREE BEND	EACH	8
* XX003543	DUCTILE IRON WATER MAIN FITTINGS 8" 45 DEGREE BEND	EACH	10
* XX003544	DUCTILE IRON WATER MAIN FITTINGS 6" 90 DEGREE BEND	EACH	3
* XX003560	CURB AND GUTTER REMOVAL AND REPLACEMENT	FOOT	40
* XX003668	PRECONSTRUCTION VIDEO TAPING	LSUM	-
* XX003778	FLUOROCARBON RUBBER (VITON) GASKET	EACH	25
* XX003788	BEND, DUCTILE IRON MECHANICAL JOINT 90 DEGREES, 8"	EACH	3
* XX004065	LINE STOPS 8"	EACH	2
* XX004810	VALVE VAULTS, TYPE A, 6'-DIAMETER, TYPE 1 FRAME, CLOSED LID	EACH	11
* XX004971	LINE STOPS 6"	EACH	2
* XX004972	LINE STOPS 12"	EACH	2
* XX004997	WATER SERVICE CONNECTION 2"	EACH	8
* XX005102	DUCTILE IRON WATER MAIN FITTINGS 4" 90 DEGREE BEND	EACH	3
* XX005107	CONNECTIONS TO EXISTING WATER MAINS (NON-PRESSURE) - 12"	EACH	3

CODE NO.	PAY ITEM	UNIT	TOTAL QUANTITY
* XX005476	DUCTILE IRON WATER MAIN 12" RESTRAINED JOINT TYPE	FOOT	80
* XX005477	DUCTILE IRON WATER MAIN 4" RESTRAINED JOINT TYPE	FOOT	42
* XX005478	DUCTILE IRON WATER MAIN 6" RESTRAINED JOINT TYPE	FOOT	50
* XX005479	DUCTILE IRON WATER MAIN 8" RESTRAINED JOINT TYPE	FOOT	865
* XX005776	DUCTILE IRON WATER MAIN FITTINGS 45 BEND 12"	EACH	2
* XX005782	DUCTILE IRON WATER MAIN FITTINGS REDUCER 12" X 8"	EACH	1
* XX005786	DUCTILE IRON WATER MAIN FITTINGS TEE 8" X 4"	EACH	2
* XX005848	REMOVE AND REINSTALL ROCK GARDEN	LSUM	-
* XX006253	SANITARY MANHOLE, 4' DIAMETER	EACH	1
* XX006262	STEEL CASING PIPE AUGERED AND JACKED 24"	FOOT	385
* XX006374	DUCTILE IRON WATER MAIN 20" RESTRAINED JOINT TYPE	FOOT	765
* XX006587	VALVE VAULTS, 6' DIAMETER	EACH	6
* XX006878	DUCTILE IRON SOLID SLEEVE 4"	EACH	3
* XX006879	DUCTILE IRON SOLID SLEEVE 6"	EACH	1
* XX006947	HOT-MIX ASPHALT DRIVEWAY REMOVAL AND REPLACEMENT	SQ YD	30
* Z0067900	STEEL CASINGS 24"	FOOT	65
* Z0068300	STEEL CASINGS 36"	FOOT	365
* Z0075400	TIE RODS	EACH	2
* X3026004	DUCTILE IRON WATER MAIN FITTINGS - 20" x 12" REDUCER	EACH	3
* X0326005	DUCTILE IRON WATER MAIN FITTINGS - 20" x 12" TEE	EACH	2
* X0326007	DUCTILE IRON WATER MAIN FITTINGS - 20" x 8" TEE	EACH	7
* X0326009	DUCTILE IRON WATER MAIN FITTINGS - 20" 45 DEGREE BEND	EACH	4
* X0326010	DUCTILE IRON WATER MAIN FITTINGS - 20" 22.5 DEGREE BEND	EACH	3
* X0326011	DUCTILE IRON WATER MAIN FITTINGS - 20" PLUG	EACH	1
*	DUCTILE IRON WATER MAIN FITTINGS - 20" x 20" TEE	EACH	2
*	DUCTILE IRON WATER MAIN FITTINGS - 20" x 6" TEE	EACH	8
*	DUCTILE IRON WATER MAIN FITTINGS - 20" 90 DEGREE BEND	EACH	1
*	DUCTILE IRON WATER MAIN FITTINGS - 20" 11.25 DEGREE BEND	EACH	1
*	DUCTILE IRON WATER MAIN FITTINGS REDUCER 12" X 6"	EACH	1
*	DUCTILE IRON WATER MAIN FITTINGS 8" 11.25 DEGREE BEND	EACH	2
*	TREE TUNNEL - 20" DIAMETER	FOOT	380
*	TREE TUNNEL - 8" DIAMETER	FOOT	75

* INDICATES ITEM WITH SPECIAL PROVISIONS COVERING WORK, MEASUREMENT AND PAYMENT.



FILE NAME = h:\p1\dw\061226-r159-water\11-design_north_section\dwg\plan\field\11_r1_59_LB8x_watermain_north\563203_wqd.dgn

USER NAME = 560k-ar	DESIGNED - SMV	REVISED - 10-01-08
PLOT SCALE = 1:8000 1" = 80'	DRAWN - KAR	REVISED -
PLOT DATE = 1/5/2009	CHECKED - SMV	REVISED -
	DATE - 06-13-08	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SUMMARY OF QUANTITIES

SCALE:	SHEET NO. 2 OF 8 SHEETS	STA.	TO STA.	F.A. RTE. 338	SECTION 113 N-2	COUNTY WILL	TOTAL SHEETS 260	SHEET NO. 117
				CONTRACT NO. 60E73				
				FED. ROAD DIST. NO. ILLINOIS FAP 338 (IL RTE. 59)				

WATER MAIN CASING PIPES

WM-CP1
65 L.F. OF 36" STEEL CASING PIPE.
A MINIMUM OF 50 L.F. OF CASING TO BE
INSTALLED BY AUGERING AND JACKING
OR RAMMING, REMAINDER OF CASING
CAN BE INSTALLED IN OPEN-CUT TRENCH.

WM-CP2
20 L.F. OF 36" STEEL CASING PIPE
INSTALLED IN OPEN-CUT TRENCH.

WM-CP3
25 L.F. OF 36" STEEL CASING PIPE
INSTALLED IN OPEN-CUT TRENCH.

WM-CP4
25 L.F. OF 36" STEEL CASING PIPE
INSTALLED IN OPEN-CUT TRENCH.

WM-CP5
25 L.F. OF 36" STEEL CASING PIPE
INSTALLED IN OPEN-CUT TRENCH
UNDER 48" STORM SEWER.

WM-CP6
80 L.F. OF 30" STEEL CASING PIPE.
A MINIMUM OF 50 L.F. OF CASING TO BE
INSTALLED BY AUGERING AND JACKING OR
RAMMING, REMAINDER OF CASING CAN BE
INSTALLED IN OPEN-CUT TRENCH. (THIS 30"
CASING WILL BE PAID FOR AS 36" CASING.)

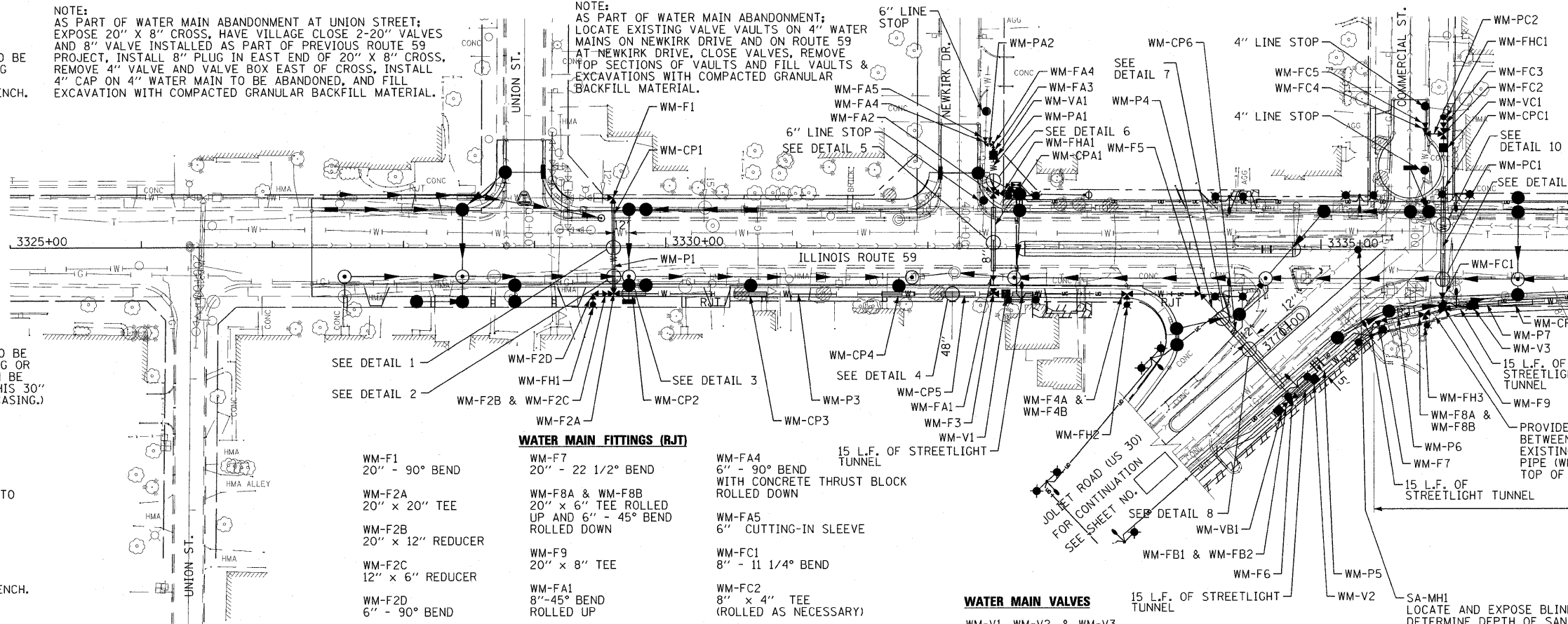
WM-CP7
25 L.F. OF 36" STEEL CASING PIPE
INSTALLED IN OPEN-CUT TRENCH.

WM-CPA1
50 L.F. OF 24" STEEL CASING PIPE.
AUGERED AND JACKED OR RAMMED INTO
PLACE

WM-CPC1
75 L.F. OF 24" STEEL CASING PIPE.
A MINIMUM OF 55 L.F. OF CASING
TO BE INSTALLED BY BORING OR
RAMMING, REMAINDER OF CASING
CAN BE INSTALLED IN OPEN-CUT TRENCH.

NOTE:
AS PART OF WATER MAIN ABANDONMENT AT UNION STREET;
EXPOSE 20" X 8" CROSS, HAVE VILLAGE CLOSE 2-20" VALVES
AND 8" VALVE INSTALLED AS PART OF PREVIOUS ROUTE 59
PROJECT, INSTALL 8" PLUG IN EAST END OF 20" X 8" CROSS,
REMOVE 4" VALVE AND VALVE BOX EAST OF CROSS, INSTALL
4" CAP ON 4" WATER MAIN TO BE ABANDONED, AND FILL
EXCAVATION WITH COMPACTED GRANULAR BACKFILL MATERIAL.

NOTE:
AS PART OF WATER MAIN ABANDONMENT;
LOCATE EXISTING VALVE VAULTS ON 4" WATER
MAINS ON NEWKIRK DRIVE AND ON ROUTE 59
AT NEWKIRK DRIVE, CLOSE VALVES, REMOVE
TOP SECTIONS OF VAULTS AND FILL VAULTS &
EXCAVATIONS WITH COMPACTED GRANULAR
BACKFILL MATERIAL.



FIRE HYDRANTS

- WM-FH1
FIRE HYDRANT
- WM-FH2
FIRE HYDRANT
- WM-FH3
FIRE HYDRANT WITH 4 L.F.
OF 6" D.I. LEADER PIPE
- WM-FHA1
FIRE HYDRANT
- WM-FHC1
FIRE HYDRANT

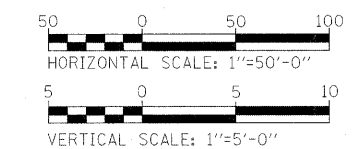
NOTE:
AS PART OF WATER MAIN
ABANDONMENT; LOCATE EXISTING
VALVE VAULTS ON 4" WATER MAINS
AT COMMERCIAL STREET AND
U.S. 30, CLOSE VALVES, REMOVE
TOP SECTIONS OF VAULTS AND FILL
VAULTS & EXCAVATIONS WITH
COMPACTED GRANULAR BACKFILL
MATERIAL.

PROVIDE 18" (MIN.) CLEARANCE
BETWEEN BOTTOM OF THIS
EXISTING 12" DUCTILE IRON
PIPE (WMOP) STORM SEWER AND
TOP OF PROPOSED 20" WATER MAIN

DEFLECT JOINTS AT FITTINGS
AND PIPE JOINTS TO OBTAIN
PROPOSED ALIGNMENT
(MAXIMUM JOINT DEFLECTION
= 2 DEGREES)

SA-MH1
LOCATE AND EXPOSE BLIND TAP OF 10" INTO 12" SANITARY SEWER,
DETERMINE DEPTH OF SANITARY SEWER PIPES, AND INSTALL NEW
4" DIAMETER SANITARY SEWER MANHOLE WITH 12" INFLUENT PIPE
FLOWING FROM SOUTHEAST TO 12" EFFLUENT PIPE FLOWING
NORTHWEST AND 10" INFLUENT PIPE FLOWING FROM SOUTH.

NOTE:
INSTALL 20" WATER MAIN, WM-F8, WM-F9 AND WM-V3
DEEP ENOUGH TO PROVIDE 18" (MIN) CLEARANCE
BETWEEN TOP OF 8" WATER MAIN (WM-PC1 AND WM-CPC1)
AND BOTTOM OF PROPOSED 12" DI STORM SEWER.



WATER MAIN PIPE

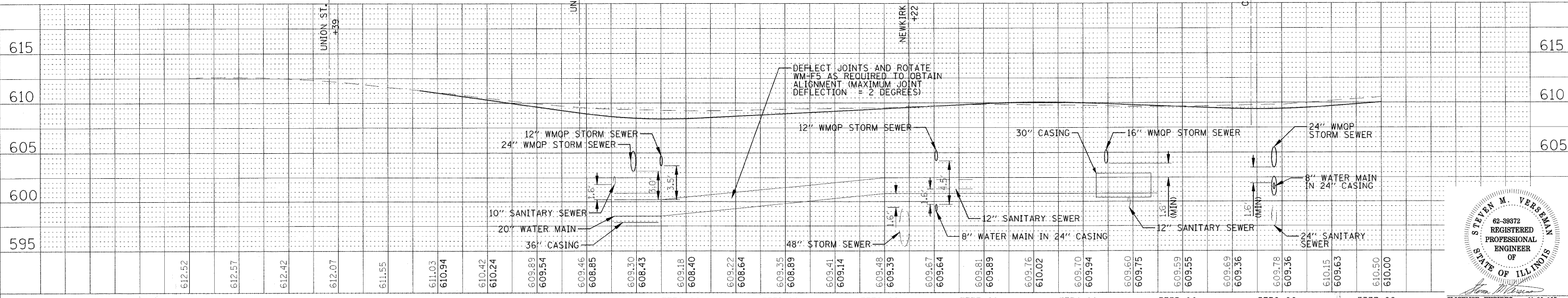
- WM-P1
150 L.F. OF 20" WATER MAIN (RJT)
- WM-P2
NOT USED
- WM-P3
350 L.F. OF 20" WATER MAIN
- WM-P4
130 L.F. OF 20" WATER MAIN (RJT)
- WM-P5
55 L.F. OF 20" WATER MAIN
- WM-P6
50 L.F. OF 20" WATER MAIN (RJT)
- WM-P7
140 L.F. OF 20" WATER MAIN
- WM-PA1
110 L.F. OF 8" WATER MAIN (RJT)
- WM-PA2
5 L.F. OF 6" WATER MAIN (RJT)
- WM-PC1
130 L.F. OF 8" WATER MAIN (RJT)
- WM-PC2
15 L.F. OF 4" WATER MAIN (RJT)

WATER MAIN FITTINGS (RJT)

- WM-F1
20" - 90° BEND
- WM-F2A
20" x 20" TEE
- WM-F2B
20" x 12" REDUCER
- WM-F2C
12" x 6" REDUCER
- WM-F2D
6" - 90° BEND
- WM-F3
20" x 8" TEE
ROLLED DOWN
- WM-F4A & WM-F4B
20" x 6" TEE ROLLED
UP AND 6" - 45° BEND
ROLLED DOWN
- WM-F5
20" - 45° BEND
- WM-F6
20" x 20" TEE
- WM-F7
20" - 22 1/2° BEND
- WM-F8A & WM-F8B
20" x 6" TEE ROLLED
UP AND 6" - 45° BEND
ROLLED DOWN
- WM-F9
20" x 8" TEE
- WM-FA1
8" - 45° BEND
ROLLED UP
- WM-FA2
8" x 6" TEE
- WM-FA3
8" x 6" REDUCER
- WM-FA4
6" - 90° BEND
ROLLED UP
- WM-FA4
6" - 90° BEND
WITH CONCRETE THRUST BLOCK
ROLLED DOWN
- WM-FA5
6" CUTTING-IN SLEEVE
- WM-FC1
8" - 11 1/4° BEND
- WM-FC2
8" x 4" TEE
(ROLLED AS NECESSARY)
- WM-FC3
8" x 6" REDUCER
- WM-FC4
4" - 90° BEND
WITH CONCRETE THRUST BLOCK
(ROLLED AS NECESSARY)
- WM-FC5
4" CUTTING-IN SLEEVE
- WM-VA1 & WM-VC1
8" GATE VALVE IN 4" DIAMETER VALVE VAULT

WATER MAIN VALVES

- WM-V1, WM-V2, & WM-V3
20" BUTTERFLY VALVE IN 6" DIAMETER VALVE VAULT
WITH ECCENTRIC CONE. LOCATE ECCENTRIC CONE
WITH OPENING CENTERED OVER VALVE OPERATING NUT.
LOCATE OUTSIDE LIMITS OF STREETLIGHT TUNNEL.



FILE NAME =	USER NAME = 560kar	DESIGNED - SMV	REVISED - 10-01-08	<p align="center">STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</p> <p align="center">ILLINOIS ROUTE 59 WATER MAIN PLAN AND PROFILE</p>		F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
section\dn\plan\field\1 rt 59.b&w watermain	DRAWN 63203-wm0kag	CHECKED - SMV	REVISED -			338	113 N-2	WILL	260	118
PLOT SCALE = 49.9999 / IN.	DATE - 06-13-08	REVISED -	REVISED -			CONTRACT NO. 60E73		FED. ROAD DIST. NO. [ILLINOIS]		FAP 338 IL RTE. 59
PLOT DATE = 1/5/2009	DATE - 06-13-08	REVISED -	REVISED -			SCALE: SHEET NO. 3 OF 8 SHEETS STA. 3325+00 TO STA. 3337+00		LICENSE EXPIRES 11-30-09		



WATER MAIN CASING PIPE

WM-CP8
40 L.F. OF 36" STEEL CASING PIPE
INSTALLED IN OPEN-CUT TRENCH.

WM-CP9
25 L.F. OF 36" STEEL CASING PIPE
INSTALLED IN OPEN-CUT TRENCH.

WM-CP10
NOT USED

WM-CP11
25 L.F. OF 36" STEEL CASING PIPE
INSTALLED IN OPEN-CUT TRENCH.

AS PART OF WATER MAIN
ABANDONMENT: CLOSE VALVE,
REMOVE TOP SECTION OF VAULT
& EXCAVATION WITH
COMPACTED GRANULAR
BACKFILL MATERIAL.

MATCH LINE STA. 3337+00 - SEE SHEET NO. XXX

SEE DETAIL 12

DEFLECT JOINTS AT
FITTINGS AND PIPE
JOINTS TO OBTAIN
PROPOSED ALIGNMENT
(MAXIMUM JOINT
DEFLECTION = 2 DEGREES)

WATER MAIN CASING PIPE (CONTD)

WM-CP12
45 L.F. OF 36" STEEL CASING PIPE
INSTALLED IN OPEN-CUT TRENCH.

WM-CPD1
60 L.F. OF 24" 2 STEEL CASING PIPE
AUGERED AND JACKED OR RAMMED
INTO PLACE.

WM-CPE1
90 L.F. OF 24" STEEL CASING PIPE,
A MINIMUM OF 70 L.F. TO BE INSTALLED
BY AUGERING AND JACKING OR RAMMING,
REMAINDER OF CASING PIPE CAN BE
INSTALLED IN OPEN CUT TRENCH.

WM-CPF1
50 L.F. OF 24" STEEL CASING PIPE
AUGERED AND JACKED OR RAMMED
INTO PLACE.

FIRE HYDRANTS

WM-FH4
FIRE HYDRANT WITH 11 L.F.
OF 6" D.I. LEADER PIPE

WM-FH5
FIRE HYDRANT WITH 11 L.F.
OF 6" D.I. LEADER PIPE

WM-FH6
NOT USED

WM-FH7
FIRE HYDRANT

WM-FHD1
FIRE HYDRANT

WM-FHE1
FIRE HYDRANT
WITH 12 L.F. OF
6" D.I. LEADER PIPE

CONNECT TO EXISTING 12" D.I. PIPE OUTSIDE
OF VALVE VAULT (CUT EXISTING PIPE AS
REQUIRED), PROVIDE A MINIMUM OF TWO (2)
3/4" STAINLESS STEEL TIE RODS CONNECTED
TO SLEEVE AND THROUGH WALL OF EXISTING
VALVE VAULT.

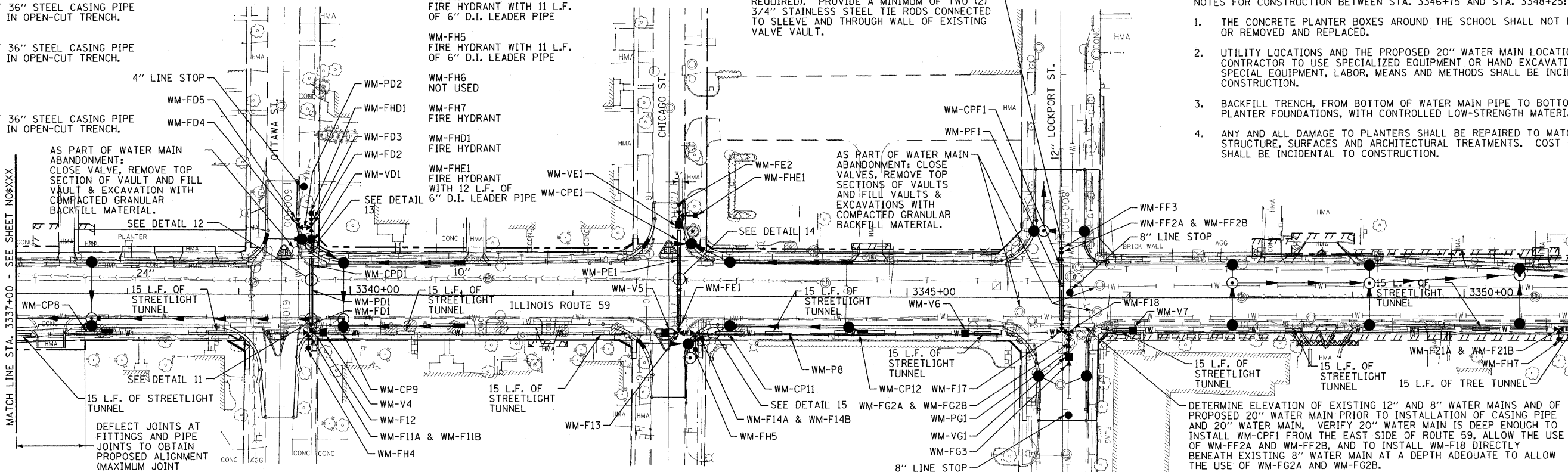
AS PART OF WATER MAIN
ABANDONMENT: CLOSE
VALVES, REMOVE TOP
SECTIONS OF VAULTS
AND FILL VAULTS &
EXCAVATIONS WITH
COMPACTED GRANULAR
BACKFILL MATERIAL.

NOTES FOR CONSTRUCTION BETWEEN STA. 3346+75 AND STA. 3348+25:

1. THE CONCRETE PLANTER BOXES AROUND THE SCHOOL SHALL NOT BE MOVED OR REMOVED AND REPLACED.
2. UTILITY LOCATIONS AND THE PROPOSED 20" WATER MAIN LOCATION MAY REQUIRE CONTRACTOR TO USE SPECIALIZED EQUIPMENT OR HAND EXCAVATION. COST OF SPECIAL EQUIPMENT, LABOR, MEANS AND METHODS SHALL BE INCIDENTAL TO CONSTRUCTION.
3. BACKFILL TRENCH, FROM BOTTOM OF WATER MAIN PIPE TO BOTTOM OF EXISTING PLANTER FOUNDATIONS, WITH CONTROLLED LOW-STRENGTH MATERIAL.
4. ANY AND ALL DAMAGE TO PLANTERS SHALL BE REPAIRED TO MATCH EXISTING STRUCTURE, SURFACES AND ARCHITECTURAL TREATMENTS. COST OF REPAIRS SHALL BE INCIDENTAL TO CONSTRUCTION.

DATE	
BY	
DESIGNED	
CHECKED	
IN CHARGE	
PLANNING	
ENGINEERING	
CONSTRUCTION	
OPERATIONS	
MAINTENANCE	

DATE	
BY	
DESIGNED	
CHECKED	
IN CHARGE	
PLANNING	
ENGINEERING	
CONSTRUCTION	
OPERATIONS	
MAINTENANCE	



WATER MAIN PIPE

- WM-P8
1,400 L.F. OF 20" WATER MAIN
- WM-PD1
95 L.F. OF 8" WATER MAIN (RJT)
- WM-PD2
12 L.F. OF 4" WATER MAIN (RJT)
- WM-PE1
110 L.F. OF 8" WATER MAIN (RJT)
- WM-PF1
70 L.F. OF 12" WATER MAIN (RJT)
- WM-PG1
30 L.F. OF 8" WATER MAIN (RJT)

WATER MAIN FITTINGS (RJT)

- WM-F10
NOT USED
- WM-F11A & WM-F11B
20" x 6" TEE ROLLED UP
AND 6" - 45° BEND
ROLLED DOWN
- WM-F12
20" x 8" TEE
ROLLED DOWN AS REQUIRED
TO CROSS BELOW EXISTING
10" SANITARY SEWER
- WM-F13
20" x 8" TEE
ROLLED UP AS REQUIRED TO
CROSS OVER EXISTING 10"
SANITARY SEWER
- WM-F14A & WM-F14B
20" x 6" TEE ROLLED UP
AND 6" - 45° BEND
ROLLED DOWN
- WM-F15
NOT USED
- WM-F16
NOT USED
- WM-F17
20" x 12" TEE

WATER MAIN FITTINGS (RJT) (CONTD)

- WM-F18
20" x 8" TEE
- WM-F19
NOT USED
- WM-F20
NOT USED
- WM-F21A & WM-F21B
20" x 6" TEE ROLLED UP
AND 6" - 45° BEND
ROLLED DOWN
- WM-FD1
8" - 45° BEND
ROLLED UP AS REQUIRED TO
CROSS BELOW EXISTING 10"
SANITARY SEWER
- WM-FD2
8" x 4" TEE
ROLLED UP
- WM-FD3
8" x 6" REDUCER
- WM-FD4
4" - 90° BEND
WITH CONCRETE THRUST
BLOCK ROLLED DOWN
- WM-FD5
4" CUTTING-IN SLEEVE
- WM-FE1
8" - 45° BEND
ROLLED DOWN AS REQUIRED
TO CROSS OVER EXISTING 10"
SANITARY SEWER

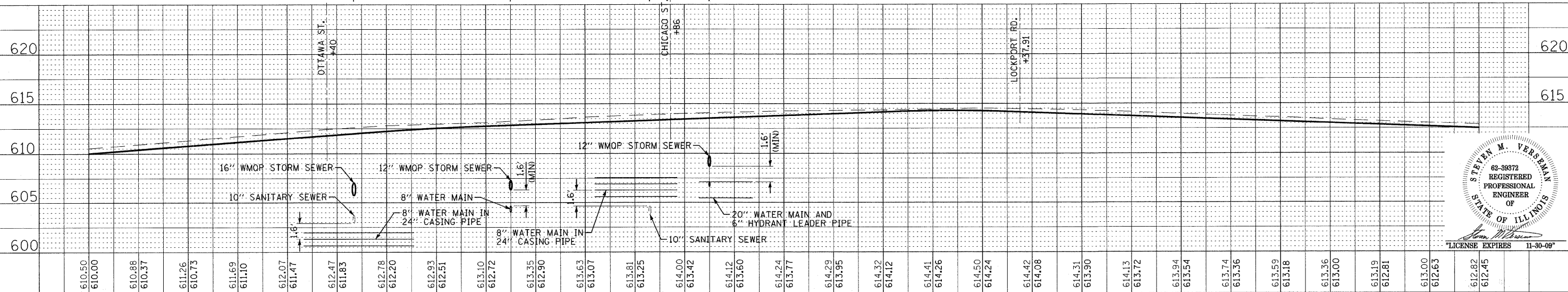
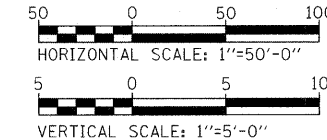
WATER MAIN FITTINGS (RJT) (CONTD)

- WM-FE2
8" PLUG
- WM-FF2A
12" - 45° BEND TURNED UP
- WM-FF2B
12" - 45° BEND TURNED DOWN
- WM-FF3
12" CUTTING-IN SLEEVE
- WM-FG2A
8" - 45° BEND TURNED UP
- WM-FG2B
8" - 45° BEND TURNED DOWN
- WM-FG3
8" CUTTING-IN SLEEVE

WATER MAIN VALVES

WM-V4, WM-V5, WM-V6 & WM-V7
20" BUTTERFLY VALVE IN 6" DIAMETER
VALVE VAULT WITH ECCENTRIC CONE
LOCATE ECCENTRIC CONE WITH OPENING
CENTERED OVER VALVE OPERATING NUT.

WM-VD1, WM-VE1 & WM-VG1
8" GATE VALVE IN 4" DIAMETER VALVE
VAULT



FILE NAME =	USER NAME = 562kar	DESIGNED - SMV	REVISED - 10-01-08	<p align="center">STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</p> <p align="center">ILLINOIS ROUTE 59 WATER MAIN PLAN AND PROFILE</p>	F.A. RTE. 338	SECTION 113 N-2	COUNTY WILL	TOTAL SHEETS 260	SHEET NO. 179
Section\dm\Plan\field\11 Rt 59-B&W WaterMain	DRAWN 563283	CHECKED - SMV	REVISED -		SCALE:	FED. ROAD DIST. NO. ILLINOIS	CONTRACT NO. 60E73	FAP 338 (IL RTE. 59)	
PLOT SCALE = 50.0000' / IN.	DATE - 06-13-08	REVISED -	REVISED -		SHEET NO. 4 OF 8 SHEETS	STA. 3337+00 TO STA. 3351+00			
PLOT DATE = 1/21/2009									

WATER MAIN PIPE

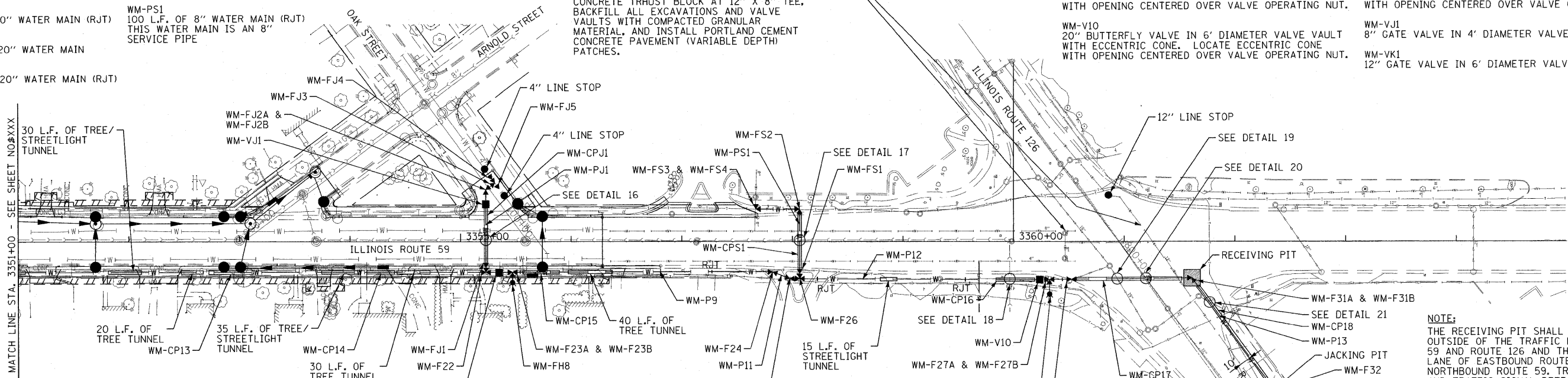
- WM-P9
655 L.F. OF 20" WATER MAIN
- WM-P10
NOT USED
- WM-P11
70 L.F. OF 20" WATER MAIN (RJT)
- WM-P12
135 L.F. OF 20" WATER MAIN
- WM-P13
365 L.F. OF 20" WATER MAIN (RJT)
- WM-PJ1
85 L.F. OF 8" WATER MAIN (RJT)
- WM-PK1
10 L.F. OF 12" WATER MAIN (RJT)
- WM-PS1
100 L.F. OF 8" WATER MAIN (RJT)
THIS WATER MAIN IS AN 8" SERVICE PIPE

WATER MAIN VALVES

- WM-V8
NOT USED
- WM-V9
20" BUTTERFLY VALVE IN 6' DIAMETER VALVE VAULT WITH ECCENTRIC CONE. LOCATE ECCENTRIC CONE WITH OPENING CENTERED OVER VALVE OPERATING NUT.
- WM-V10
20" BUTTERFLY VALVE IN 6' DIAMETER VALVE VAULT WITH ECCENTRIC CONE. LOCATE ECCENTRIC CONE WITH OPENING CENTERED OVER VALVE OPERATING NUT.
- WM-V11
NOT USED
- WM-V12
20" BUTTERFLY VALVE IN 6' DIAMETER VALVE VAULT WITH ECCENTRIC CONE. LOCATE ECCENTRIC CONE WITH OPENING CENTERED OVER VALVE OPERATING NUT.
- WM-VJ1
8" GATE VALVE IN 4' DIAMETER VALVE VAULT
- WM-VK1
12" GATE VALVE IN 6' DIAMETER VALVE VAULT

AS PART OF WATER MAIN ABANDONMENT: CLOSE EXISTING 8" AND 4" VALVES, REMOVE VALVE VAULT FRAMES, COVERS AND CONE SECTIONS, LOCATE AND EXPOSE EXISTING 12" X 8" TEE, REMOVE 8" WATER MAIN AS REQUIRED AND INSTALL 8" PLUG AND CONCRETE THRUST BLOCK AT 12" X 8" TEE, BACKFILL ALL EXCAVATIONS AND VALVE VAULTS WITH COMPACTED GRANULAR MATERIAL, AND INSTALL PORTLAND CEMENT CONCRETE PAVEMENT (VARIABLE DEPTH) PATCHES.

DATE	
BY	
PLANNED	
DESIGNED	
CHECKED	
NOTED	
DATE	
BY	
PLANNED	
DESIGNED	
CHECKED	
NOTED	



WATER MAIN FITTINGS (RJT)

- WM-F22
20" x 8" TEE ROLLED DOWN
- WM-F23A & WM-F23B
20" x 6" TEE ROLLED UP AND 6" - 45° BEND ROLLED DOWN
- WM-F24
20" - 22 1/2° BEND
- WM-F25
20" - 22 1/2° BEND
- WM-F26
20" x 8" TEE ROLLED DOWN
- WM-F27A & WM-F27B
20" x 6" TEE ROLLED UP AND 6" - 45° BEND ROLLED DOWN
- WM-F28A
20" - 45° BEND ROLLED DOWN
- WM-F28B
20" - 45° BEND ROLLED UP
- WM-F29
NOT USED
- WM-F30
NOT USED
- WM-F31A
20" - 45° BEND ROLLED UP
- WM-F31B
20" - 11 1/4° BEND ROLLED UP
- WM-F32
20" x 12" TEE
- WM-F33A
12" x 12" TEE
- WM-F33B
12" CUTTING-IN SLEEVE
- WM-F34A & WM-F34B
20" x 6" TEE ROLLED UP AND 6" - 45° BEND ROLLED DOWN
- WM-F35
20" PLUG

WATER MAIN FITTINGS (RJT) (CONTD)

- WM-FJ1
8" - 45° BEND ROLLED UP
- WM-FJ2A
8" - 45° BEND
- WM-FJ2B
8" - 11 1/4° BEND
- WM-FJ3
8" - 90° BEND WITH CONCRETE THRUST BLOCK
- WM-FJ4
8" x 4" REDUCER
- WM-FJ5
4" PLUG/CAP WITH CONCRETE THRUST BLOCK BETWEEN WM-FJ3 AND WM-FJ5
- WM-FS1
8" - 45° BEND ROLLED UP TO INSTALL 8" WATER SERVICE LINE BELOW EXISTING SANITARY SEWER AND WATER MAINS
- WM-FS2
8" - 90° BEND
- WM-FS3
8" - 90° BEND
- WM-FS4
8" CUTTING-IN SLEEVE

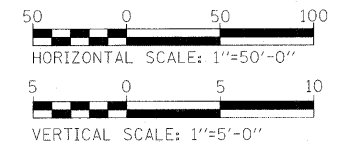
WATER MAIN CASING PIPE

- WM-CP13
40 L.F. OF 36" STEEL CASING PIPE INSTALLED IN OPEN-CUT TRENCH
- WM-CP14
25 L.F. OF 36" STEEL CASING PIPE INSTALLED IN OPEN-CUT TRENCH
- WM-CP15
35 L.F. OF 36" STEEL CASING PIPE AUGERED AND JACKED OR RAMMED INTO PLACE
- WM-CP16
35 L.F. OF 36" STEEL CASING PIPE AUGERED AND JACKED OR RAMMED INTO PLACE
- WM-CP17
110 L.F. OF 36" STEEL CASING PIPE AUGERED AND JACKED OR RAMMED INTO PLACE
- WM-CP18
125 L.F. OF 36" STEEL CASING PIPE AUGERED AND JACKED OR RAMMED INTO PLACE. INSTALL AT SLOPE REQUIRED TO CONNECT WM-F31A AND WM-F31B AND EXISTING 12" WATER MAIN
- WM-CPJ1
50 L.F. OF 24" STEEL CASING PIPE AUGERED AND JACKED OR RAMMED INTO PLACE.
- WM-CPS1
50 L.F. OF 24" STEEL CASING PIPE AUGERED AND JACKED OR RAMMED INTO PLACE. IT IS ANTICIPATED THE JACKING PIT WILL BE ON THE WEST SIDE, AND IN THE RIGHT-OF-WAY, OF ROUTE 59. USE SHORT SECTIONS OF CASING PIPE AND AUGER/RAMMER AS REQUIRED.

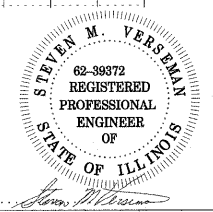
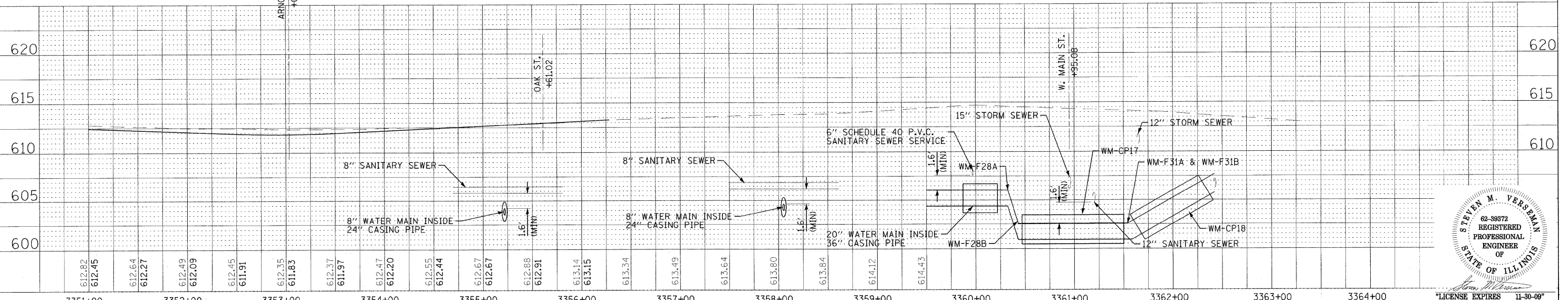
FIRE HYDRANTS

- WM-FH8
12" LINE STOP FIRE HYDRANT
- WM-FH9
FIRE HYDRANT WITH 7 L.F. OF 6" D.I. LEADER PIPE
- WM-FH10
FIRE HYDRANT

NOTE:
THE RECEIVING PIT SHALL BE LOCATED OUTSIDE OF THE TRAFFIC LANES OF ROUTE 59 AND ROUTE 126 AND THE RIGHT TURN LANE OF EASTBOUND ROUTE 126 ONTO NORTHBOUND ROUTE 59. TRAFFIC LANES AND TRAFFIC SIGNAL DETECTOR LOOPS SHALL BE PROTECTED. PAVEMENT RESTORATION AT RECEIVING PIT SHALL CONSIST OF REMOVAL AND REPLACEMENT OF CONCRETE PAVEMENT, INCLUDING SAWCUTTING, DOWELS, REINFORCING STEEL AND CONSTRUCTION JOINTS. SUPPORT UTILITY POLES, VAULTS, DUCTS AND CABLES AS REQUIRED TO INSTALL JACKING/RAMMING PITS, CASING PIPES AND PROPOSED WATER MAIN.



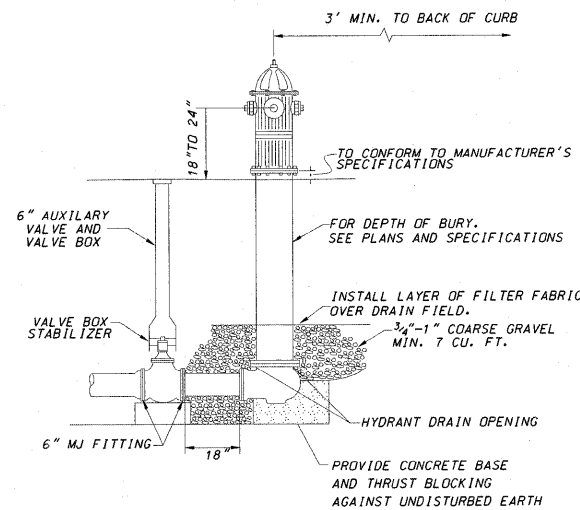
DATE	
BY	
PLANNED	
DESIGNED	
CHECKED	
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DATE	
BY	
PLANNED	
DESIGNED	
CHECKED	
NOTED	



FILE NAME =	USER NAME = 568kar	DESIGNED - SMV	REVISED - 10-01-08	<p align="center">STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</p> <p align="center">ILLINOIS ROUTE 59 WATER MAIN PLAN AND PROFILE</p>	F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
u:\p1\01\061256-r159-water\41-design north	station\dgn\plain\field.il rt 59.b&w watermain	CHECKED - SMV	REVISED -		338	113 N-2	WILL	260	120
PLOT SCALE = 49.9999' / IN.		DATE - 06-13-08	REVISED -		FED. ROAD DIST. NO.	ILLINOIS	FAP 338 GL RTE. 591	CONTRACT NO. 60E73	
PLOT DATE = 1/5/2009					SCALE:	SHEET NO. 5 OF 8 SHEETS	STA. 3351+00 TO STA. 3365+00		

TYPICAL HYDRANT INSTALLATION

REVISIONS	
DATE	REVISION

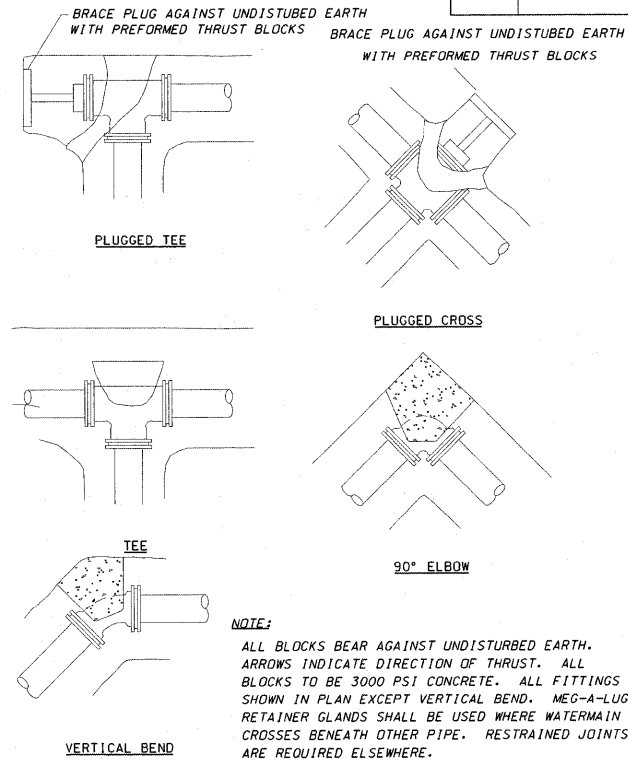


NOTE: CONCRETE BASE AND BLOCKING MATERIAL SHALL NOT BLOCK NOR OBSTRUCT HYDRANT DRAIN AS SHOWN IN AWWA MANUAL M 17

PLAINFIELD WATER STANDARDS 3020

THRUST BLOCK INSTALLATIONS

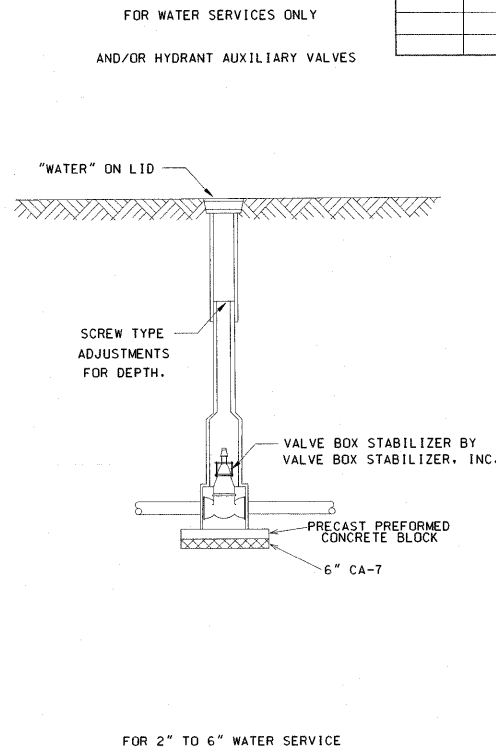
REVISIONS	
DATE	REVISION



PLAINFIELD WATER STANDARDS 3040

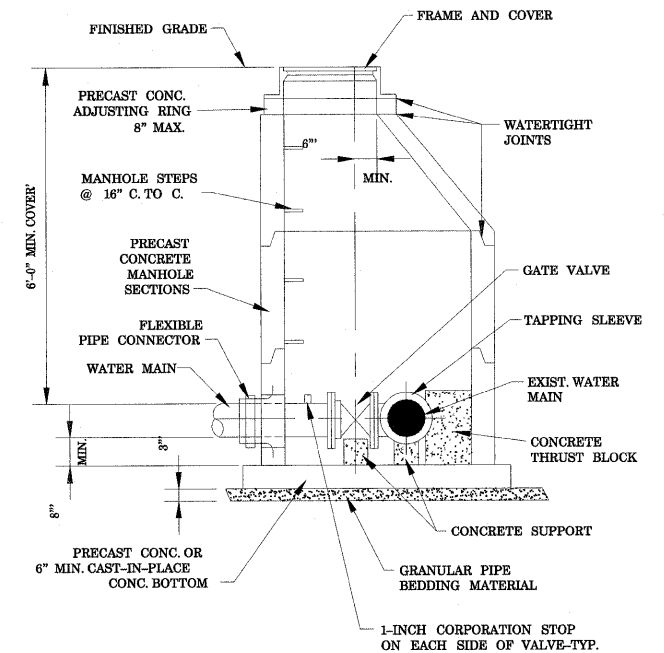
VALVE BOX INSTALLATION

REVISIONS	
DATE	REVISION



PLAINFIELD WATER STANDARDS 3050

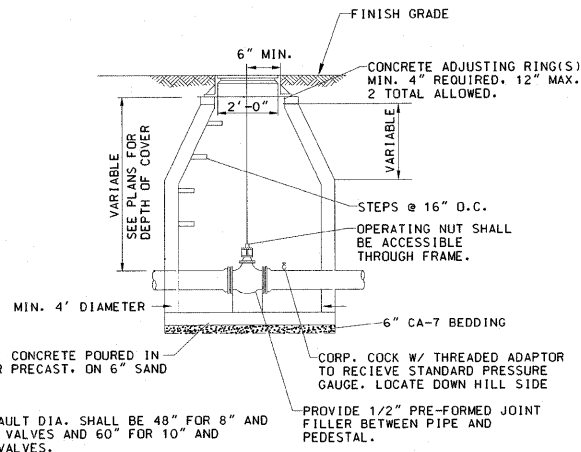
- NOTES:
- ECCENTRIC CONE REQUIRED
 - USE 4'-0" DIAMETER FOR WATER MAIN SIZES 4" THRU 8", USE 5'-0" DIAMETER FOR WATER MAIN SIZES 10" THRU 14", USE 6'-0" DIAMETER (OR LARGER AS INDICATED ON THE DRAWINGS) FOR WATER MAIN SIZES 16" OR GREATER.



PRESSURE CONNECTION WATER VALVE VAULT DETAIL NO SCALE

VALVE VAULT FOR WATERMAIN VALVES 8" AND LARGER

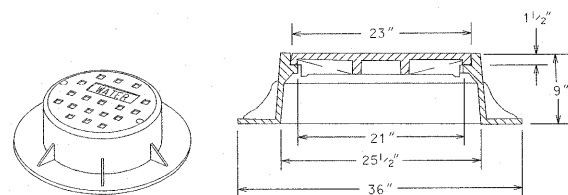
REVISIONS	
DATE	REVISION



PLAINFIELD WATER STANDARDS 3060

VALVE VAULT FRAME AND COVER

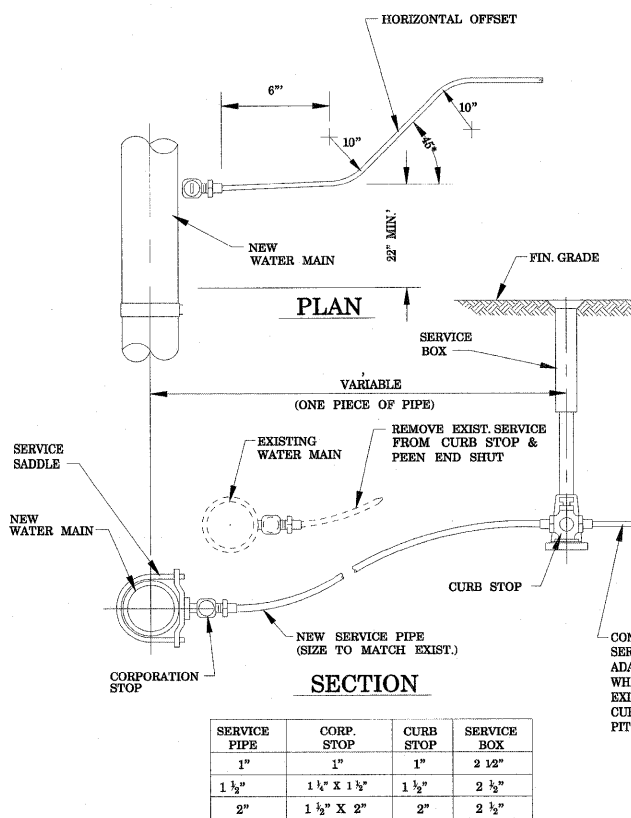
REVISIONS	
DATE	REVISION



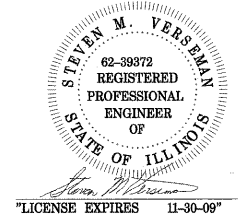
- THE FRAME AND LID SHALL BE EJIW 1051 FRAME OR NEENAH R-1712 FRAME WITH HEAVY DUTY GASKETED, SELF SEALING, CLOSED LID WITH CONCEALED PICKHOLES AND WATER CAST ON THE LID.
- THE FRAME AND LID SHALL BE SET ON A MASTIC BED WITH ALL GAPS TUCKPOINTED.

** ALL DIMENSIONS ARE FOR THE NEENAH MODELS. EJIW DIMENSIONS MAY VARY.

PLAINFIELD WATER STANDARDS 3070



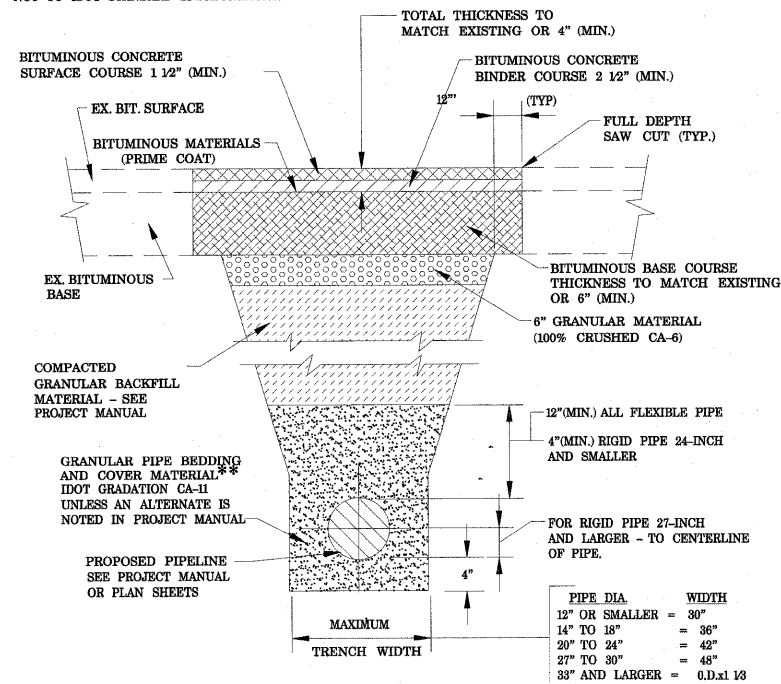
EXISTING WATER SERVICE RECONNECTION DETAIL NO SCALE



FILE NAME = s:\p\12\256-r4\12\256-r4\design\north section.dgn\plainfield\11.11.09.kk\watermain\cor-h\363293 det1.dgn

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
338	113 N-2	WILL	260	122
CONTRACT NO. 60E73				
FED. ROAD DIST. NO.	ILLINOIS	FAP 338 (IL RTE. 59)		

NOTE:
PROJECT MANUAL REFERS TO "PROJECT SPECIFICATIONS",
NOT TO IDOT STANDARD SPECIFICATIONS.



TYPICAL TRENCH DETAIL

NO SCALE

FOR PAVEMENT WITH BITUMINOUS BASE
AND COMPACTED GRANULAR BACKFILL MATERIAL

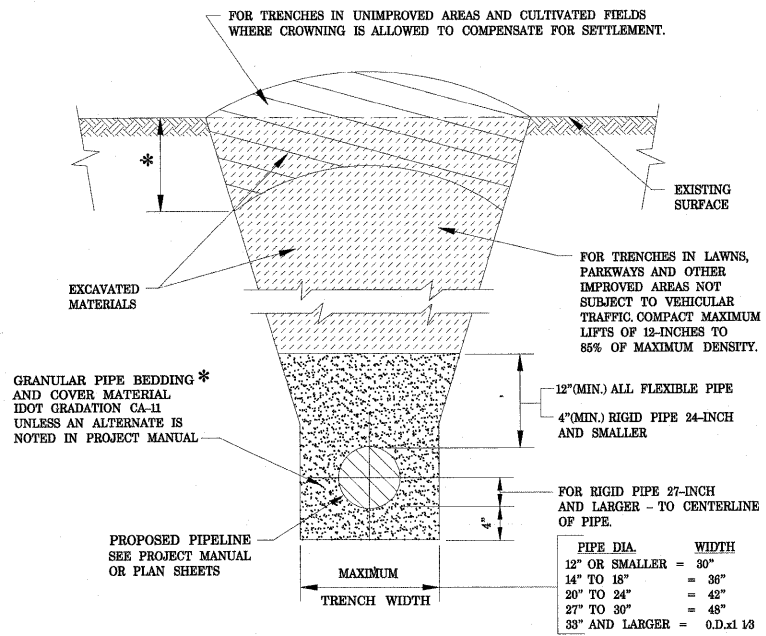
* FOR FLEXIBLE THERMOPLASTIC OR HDPE PIPE COMPLY WITH
ASTM 2321, CLASS I OR II.

FOR RIGID PIPE COMPLY WITH ASTM C12, BEDDING CLASS B.

PIPE DIA.	WIDTH
12" OR SMALLER	= 30"
14" TO 18"	= 36"
20" TO 24"	= 42"
27" TO 30"	= 48"
33" AND LARGER	= 0.1x1 1/2

NOTE:
PROJECT MANUAL REFERS TO "PROJECT SPECIFICATIONS",
NOT TO IDOT STANDARD SPECIFICATIONS.

* FARM FIELDS, GARDENS, AND WETLAND AREAS MAY
REQUIRE STRIPPING, STOCKPILING, AND REPLACING
ORIGINAL MATERIAL TO A SPECIFIC DEPTH. SEE
PROJECT MANUAL OR GENERAL NOTES FOR REQUIREMENTS.



TYPICAL TRENCH DETAIL

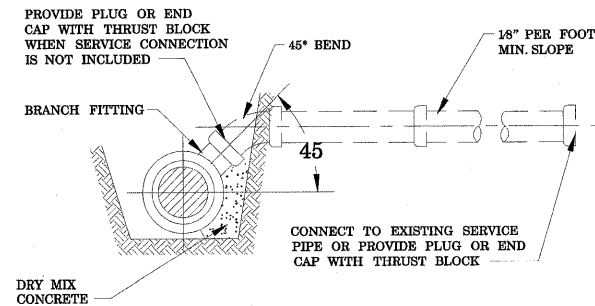
NO SCALE

FOR NON-PAVED AREAS

* FOR FLEXIBLE THERMOPLASTIC OR HDPE PIPE COMPLY WITH
ASTM 2321, CLASS I OR II.

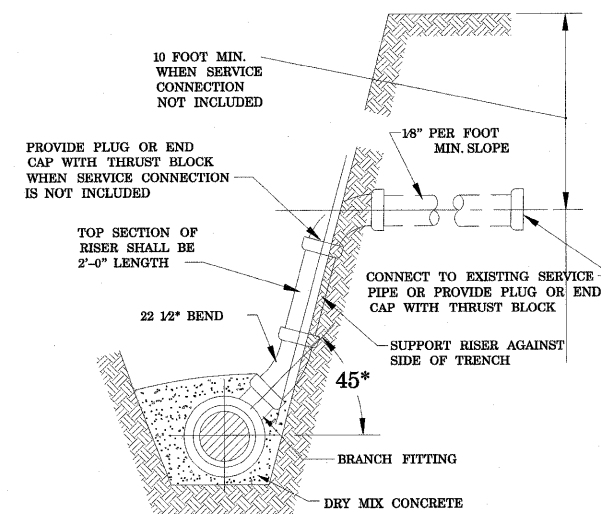
FOR RIGID PIPE COMPLY WITH ASTM C12, BEDDING CLASS B.

PIPE DIA.	WIDTH
12" OR SMALLER	= 30"
14" TO 18"	= 36"
20" TO 24"	= 42"
27" TO 30"	= 48"
33" AND LARGER	= 0.1x1 1/2



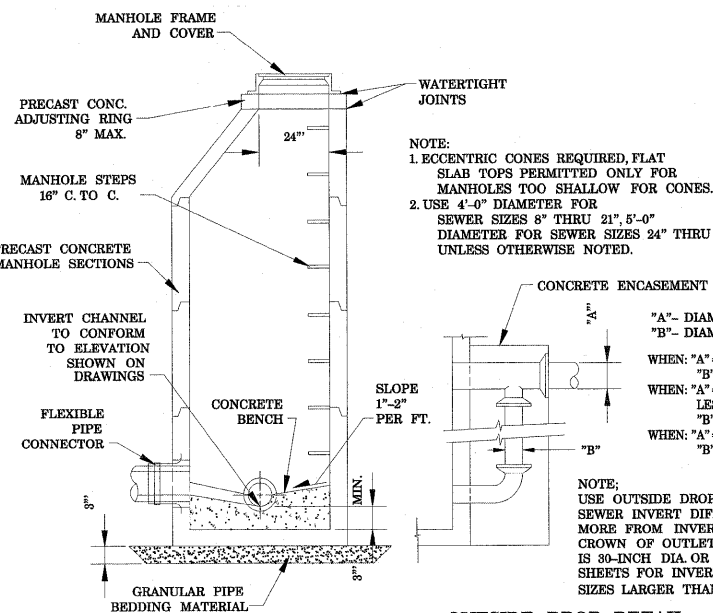
BUILDING SERVICE DETAIL

FOR SEWER INVERT DEPTHS TO 12 FEET



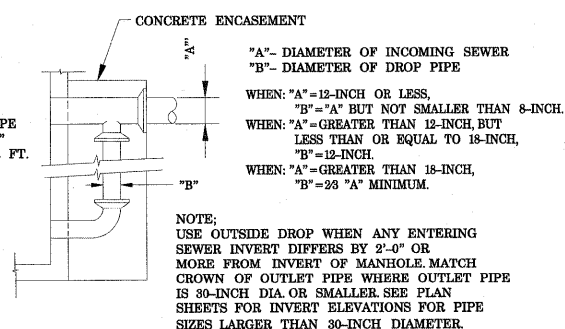
BUILDING SERVICE RISER DETAIL

FOR SEWER INVERT DEPTHS OVER 12 FEET



SANITARY MANHOLE DETAIL

NO SCALE



OUTSIDE DROP DETAIL



FILE NAME = \\p11d\61258-1459-water-41-design\north-section\gr\chamfield.dwg, 11/15/09, 11:59:18, watermain_north\663203 det2.dgn

USER NAME = 560kar	DESIGNED - SMV	REVISED - 10-01-08
PLOT SCALE = 1:8000 1/4" = 1'	DRAWN - KAR	REVISED -
PLOT DATE = 1/5/2009	CHECKED - SMV	REVISED -
	DATE - 06-13-08	REVISED -

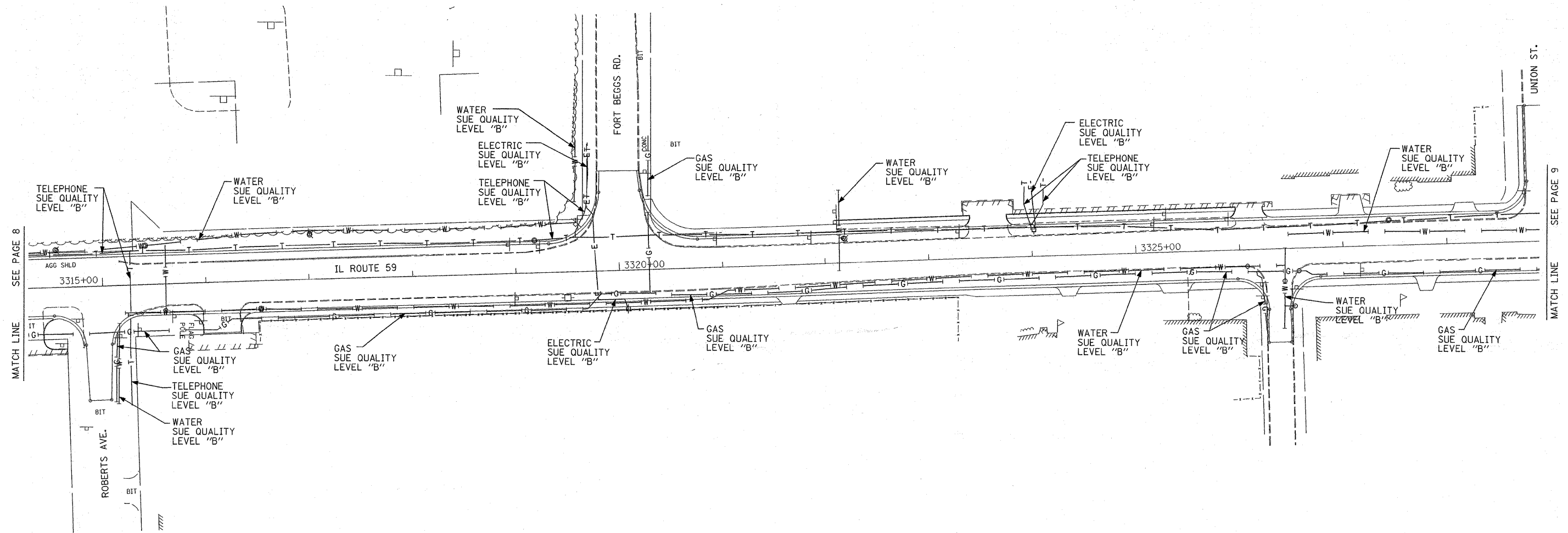
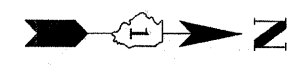
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DETAILS - TRENCHES AND SANITARY SEWERS

SCALE: SHEET NO. 8 OF 8 SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
338	113 N-2	WILL	260	123
FED. ROAD DIST. NO. ILLINOIS			CONTRACT NO. 60E73	
FAP 338 (IL RTE. 59)			LICENSE EXPIRES 11-30-09	

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	(113&114)R-5	WILL	260	124
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		



SBC will not provide TBE as-built plans for review purposes only.



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 * PLANNING * UTILITY ENGINEERING/LOCATING
 SOUTHERN REGION: FL, GA, SC, NC
 NORTHERN REGION: IL, IN, MI, OH, MD, NJ, NY
 PA, VA, CANADA
 WESTERN REGION: AZ, NV, NM, TX, CA, OR, UT, WY

IL09500215, IL09500218
 TBE SUE PAGE NO: 9 of 11
 Checked by: *Sandra R. R.C.*

SUE Quality Level "A" : Test Holes
 SUE Quality Level "B" : Designating

— T — T —	TELEPHONE
— W — W —	WATER
— G — G —	GAS
— CTV — CTV —	CABLE TELEVISION
— FO — FO —	FIBER OPTIC
— E — E —	ELECTRIC
⊙	TEST HOLE

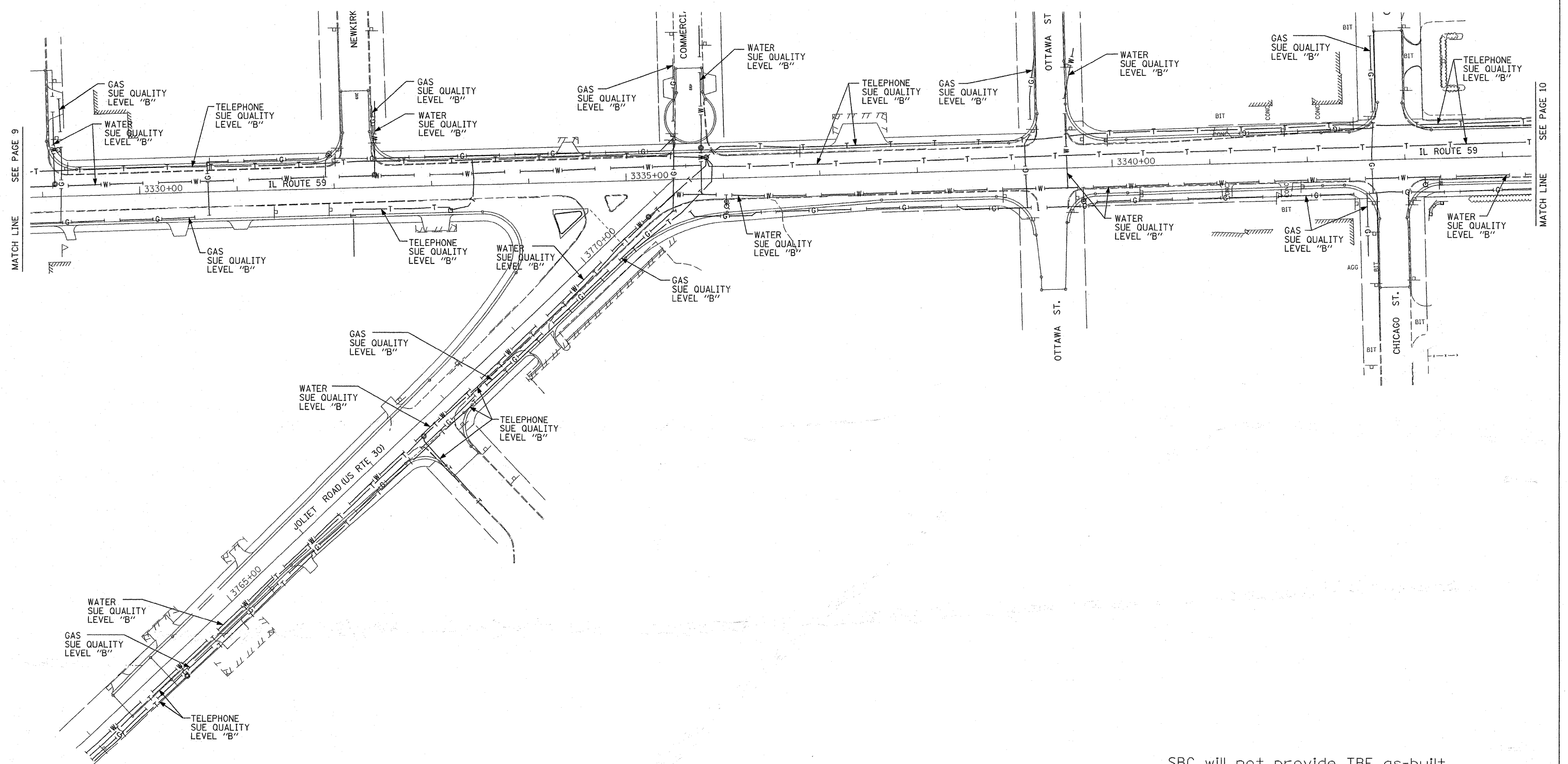
Utilities shown on these plans as depicted in the legend have been investigated by TBE Group, Inc in accordance with SUE Industry Standards. All other information shown has been provided to TBE Group, Inc by others.

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

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
 SUE Investigation of Underground Utilities
 Caton Farm Rd. to Renwick Rd.
 Contract Number: 62417
 SQL "B" DATE : 6/28/04
 DRAWN BY : KLC
 SCALE : 1" = 50'

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	(113&114)R-5	WIII	260	125
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		



SEE PAGE 9

SEE PAGE 10

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 * PLANNING * UTILITY ENGINEERING/LOCATING
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 NORTHERN REGION: IL, IN, MI, OH, MD, NJ, NY
 PA, VA, CANADA
 WESTERN REGION: AZ, NV, NM, TX, CA, OR, UT, WA

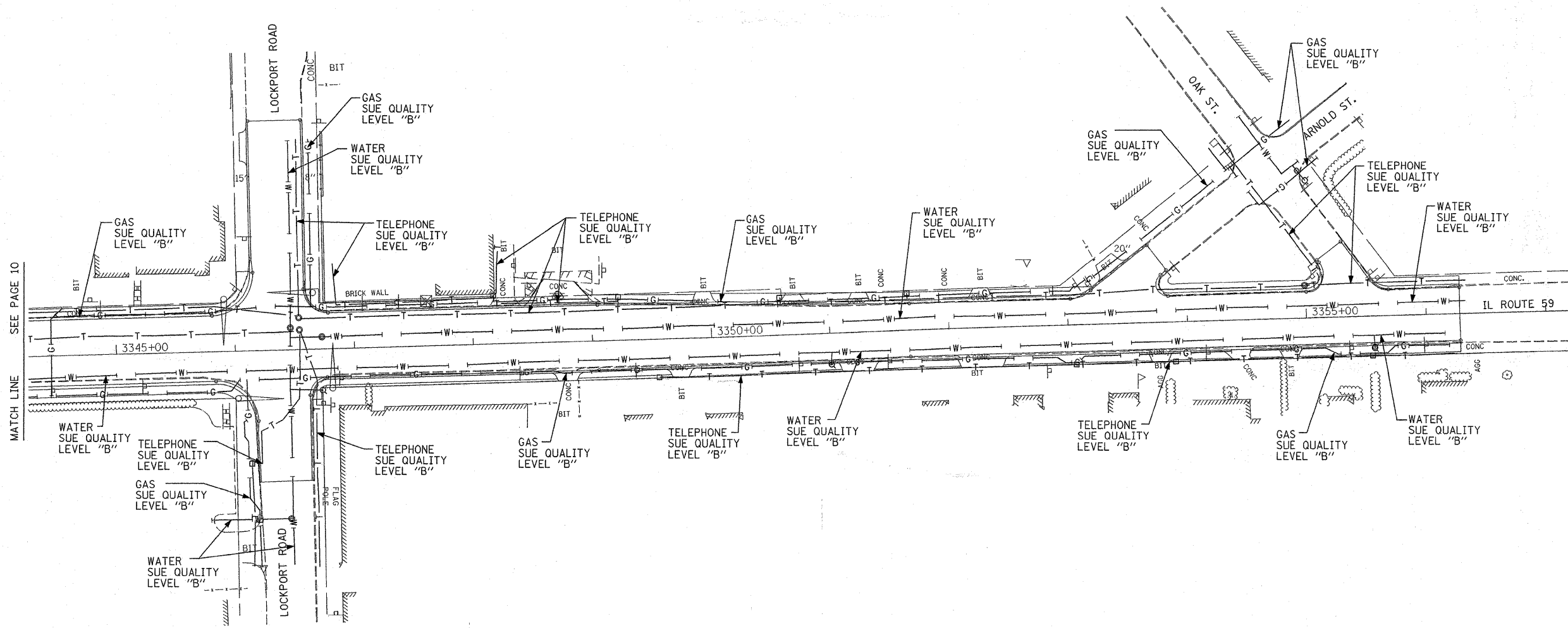
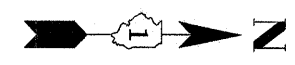
IL09500215, IL09500218
 TBE SUE PAGE NO: 10 of 11
 Checked by: *Sandra Jones et al.*
 SUE Quality Level "A" : Test Holes
 SUE Quality Level "B" : Designating

— T — T —	TELEPHONE
— W — W —	WATER
— G — G —	GAS
— CTV — CTV —	CABLE TELEVISION
— FO — FO —	FIBER OPTIC
— E — E —	ELECTRIC
⊙	TEST HOLE

Utilities shown on these plans as depicted in the legend have been investigated by TBE Group, Inc in accordance with SUE Industry Standards. All other information shown has been provided to TBE Group, Inc by others.

 205 W. WACKER DRIVE SUITE 1020 CHICAGO, IL 60606 (312) 704-1970	REVISIONS		ILLINOIS DEPARTMENT OF TRANSPORTATION SUE Investigation of Underground Utilities Caton Farm Rd. to Renwick Rd. Contract Number: 62417 SOL "B" DATE : 6/28/04 DRAWN BY : KLC SCALE : 1" = 50'
	NAME	DATE	

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	(113&114)R-5	WILL	260	126
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		



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 CIVIL ENGINEERING * TRANSPORTATION * ENVIRONMENTAL
 * PLANNING * UTILITY ENGINEERING * LOCATING
 SOUTHERN REGION: FL, GA, SC, NC
 NORTHERN REGION: IL, IN, MI, OH, MD, NJ, NY
 PA, VA, CANADA
 WESTERN REGION: AZ, NV, NM, TX, CA, OR, UT, WA

IL09500215, IL09500218
 TBE SUE PAGE NO: 11 of 11

Checked by: _____
 SUE Quality Level "A" : Test Holes
 SUE Quality Level "B" : Designating

— T — T —	TELEPHONE
— W — W —	WATER
— G — G —	GAS
— CTV — CTV —	CABLE TELEVISION
— FO — FO —	FIBER OPTIC
— E — E —	ELECTRIC
⊙	TEST HOLE

Utilities shown on these plans as depicted in the legend have been investigated by TBE Group, Inc in accordance with SUE Industry Standards. All other information shown has been provided to TBE Group, Inc by others.


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

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
 SUE Investigation of Underground Utilities
 Caton Farm Rd. to Renwick Rd.
 Contract Number: 62417
 SQL "B" DATE : 6/28/04
 DRAWN BY : KLC
 SCALE : 1" = 50'

Existing & Proposed Pavement Illinois Route 59 Curve #307
 P.I. = Sta. 3330+02.44
 Δ = 0°19'39"
 R = 122450.83'
 L = 349.97'
 T = 699.94'
 E = 0.50'
 P.C. = Sta. 3326+52.47
 P.T. = Sta. 3333+52.41

PARCEL NUMBER	OWNER	TOTAL HOLDINGS ACRES	PART TAKEN ACRES	AREA IN EXISTING R.O.W. ACRES	REMAINDER AREA ACRES	EASEMENT AREA ACRES	EASEMENT PURPOSE	PERMANENT INDEX NUMBER	PROPERTY ACQUIRED BY
1FP0251	Beacon Management Group, LLC, an Illinois Limited Liability Company	0.616	0.034	N/A	0.582	N/A	N/A	06-03-15-110-005	
1FP0252	Beacon Management Group, LLC, an Illinois Limited Liability Company	0.461	0.052	N/A	0.409	N/A	N/A	06-03-15-110-001 06-03-15-110-002	
1FP0257	Edward H. Eldred and Helen J. Eldred, his wife, in joint tenancy	0.261	0.033	N/A	0.228	N/A	N/A	06-03-15-108-011	
1FP0258	Phyllis L. Jesiolowski	0.173	0.020	N/A	0.153	N/A	N/A	06-03-15-108-010	

HIGHVIEW SUBDIVISION UNIT NO. 1
 Recorded June 23, 1964 as Document No. 1012121
 Corrected by Certificate of Correction Recorded April 23, 1965 as Document No. 1032670
 Subdivision Re-Recorded August 25, 1964 as Document No. 1016494

ASSESSOR'S SUBDIVISION OF PART OF NE 1/4 SEC. 16-36-9
 Recorded August 24, 1867 as Document No. 57289

HIGHVIEW SUBDIVISION UNIT NO. 1
 Recorded June 23, 1964 as Document No. 1012121
 Corrected by Certificate of Correction Recorded April 23, 1965 as Document No. 1032670
 Subdivision Re-Recorded August 25, 1964 as Document No. 1016494

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
- CENTER LINE
- EXISTING RIGHT OF WAY LINE
- PROPOSED RIGHT OF WAY LINE
- PROPOSED EASEMENT
- MEASURED DIMENSION
- COMPUTED DIMENSION
- RECORD DATA
- EXISTING BUILDING

Bearings are referenced to the Illinois Coordinate System NAD83 (1997) East Zone at Found Geodetic Survey Control Monuments "Will County GPS 316", P.I.D. AE2551 and "Will County GPS 333", P.I.D. AE2553.

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

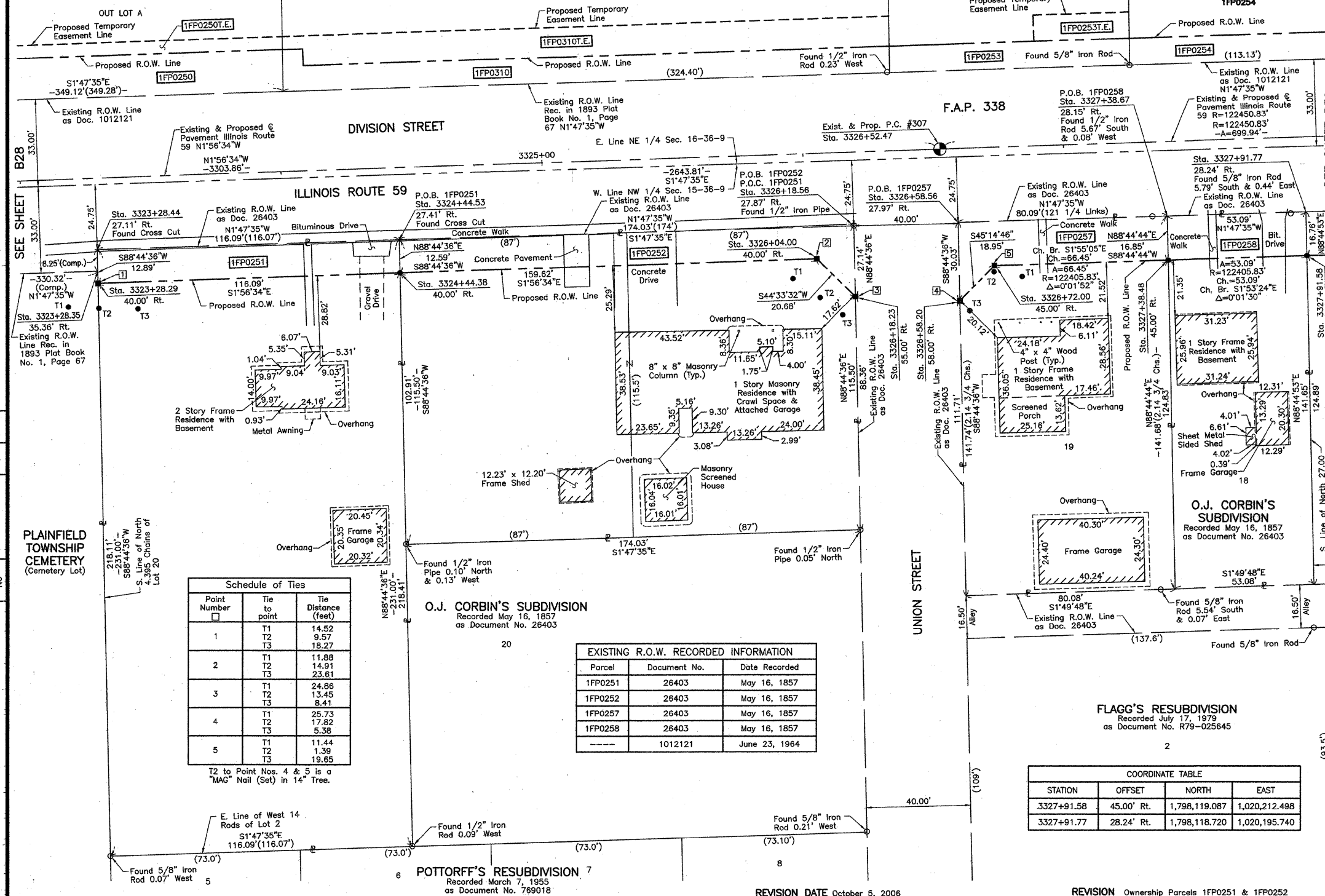
STATE OF ILLINOIS }
 COUNTY OF LAKE }
 THIS IS TO CERTIFY THAT WE, JORGENSEN & ASSOCIATES, INC., AN ILLINOIS PROFESSIONAL DESIGN FIRM LAND SURVEYING CORPORATION, NUMBER 184-2771, HAVE SURVEYED THE PLAT OF HIGHWAYS SHOWN HEREON BETWEEN SECTION 15, TOWNSHIP 36N., RANGE 9E. AND SECTION 16, TOWNSHIP 36N., RANGE 9E., OF THE THIRD PRINCIPAL MERIDIAN, WILL COUNTY, THAT THE SURVEY IS TRUE AND COMPLETE AS SHOWN TO THE BEST OF MY KNOWLEDGE AND BELIEF, THAT THE PLAT CORRECTLY REPRESENTS SAID SURVEY, THAT ALL MONUMENTS FOUND AND ESTABLISHED ARE OF PERMANENT QUALITY AND OCCUPY THE POSITIONS SHOWN THEREON AND THAT THE MONUMENTS ARE SUFFICIENT TO ENABLE THE SURVEY TO BE RETRACED. MADE FOR THE DEPARTMENT OF TRANSPORTATION, STATE OF ILLINOIS.
 DATED AT LAKE VILLA, ILLINOIS THIS 3rd DAY OF October 20, 2006.

CHRISTIAN H. JORGENSEN
 2787 PROFESSIONAL LAND SURVEYOR STATE OF ILLINOIS
 LAKE VILLA, ILLINOIS

RESIDENT
 ILLINOIS PROFESSIONAL LAND SURVEYOR NO. 35-2797
 LICENSE EXPIRATION DATE: NOVEMBER 30, 2006
 THIS PROFESSIONAL SERVICE CONFORMS TO THE CURRENT ILLINOIS MINIMUM STANDARDS FOR A BOUNDARY SURVEY.
 Coordinates are based on the Published Metric Coordinate Values at Found Geodetic Survey Control Monument "Will County GPS 333", P.I.D. AE2553, of N.542,285.095-E.311,129.617.
 NOTE: SURFACE COORDINATES ARE SHOWN.

COORDINATE TABLE

STATION	OFFSET	NORTH	EAST
3323+28.29	40.00' Rt.	1,797,655.937	1,020,223.127
3323+28.35	35.36' Rt.	1,797,655.836	1,020,218.486
3323+28.44	27.11' Rt.	1,797,655.655	1,020,210.237
3324+44.38	40.00' Rt.	1,797,771.962	1,020,219.191
3324+44.53	27.41' Rt.	1,797,771.686	1,020,206.605
3326+04.00	40.00' Rt.	1,797,931.489	1,020,213.780
3326+18.23	55.00' Rt.	1,797,946.223	1,020,228.289
3326+18.56	27.87' Rt.	1,797,945.628	1,020,201.159
3326+58.20	58.00' Rt.	1,797,986.268	1,020,229.932
3326+58.56	27.97' Rt.	1,797,985.610	1,020,199.908
3326+72.00	45.00' Rt.	1,797,999.612	1,020,216.474
3327+38.48	45.00' Rt.	1,798,066.028	1,020,214.249
3327+38.67	28.15' Rt.	1,798,065.659	1,020,197.402



BY	DATE
MADE	
CHECKED	
INCH	
NO	

PLAINFIELD TOWNSHIP CEMETERY (Cemetery Lot)

Schedule of Ties

Point Number	Tie to point	Tie Distance (feet)
1	T1	14.52
	T2	9.57
	T3	18.27
2	T1	11.88
	T2	14.91
	T3	23.81
3	T1	24.88
	T2	13.45
	T3	8.41
4	T1	25.73
	T2	17.82
	T3	5.38
5	T1	11.44
	T2	1.39
	T3	19.65

T2 to Point Nos. 4 & 5 is a "MAG" Nail (Set) in 14" Tree.

EXISTING R.O.W. RECORDED INFORMATION

Parcel	Document No.	Date Recorded
1FP0251	26403	May 16, 1857
1FP0252	26403	May 16, 1857
1FP0257	26403	May 16, 1857
1FP0258	26403	May 16, 1857
---	1012121	June 23, 1964

COORDINATE TABLE

STATION	OFFSET	NORTH	EAST
3327+91.58	45.00' Rt.	1,798,119.087	1,020,212.498
3327+91.77	28.24' Rt.	1,798,118.720	1,020,195.740

SCANNED

JORGENSEN & ASSOCIATES, INC.
 120 PARK AVENUE
 LAKE VILLA, ILLINOIS 60046
 (847) 356-3371

RECEIVED
 DEC 3 2007
 SHEET 1 IS A COVER
 SHEET AND IS NOT RECORDED AT LEGALS

PLAT OF HIGHWAYS STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION F.A.P. 338 (ILLINOIS ROUTE 59)

SECTION 15 WILL COUNTY
 PROJECT JOB NO. R-91-067-01
 STATION 3323+00 TO STATION 3328+00
 SCALE: 1"=20' SHEET B29 OF B58

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

PARCEL NUMBER	OWNER	TOTAL HOLDINGS ACRES	PART TAKEN ACRES	AREA IN EXISTING R.O.W. ACRES	REMAINDER AREA ACRES	EASEMENT AREA SQUARE FEET	EASEMENT PURPOSE	PERMANENT INDEX NUMBER	PROPERTY ACQUIRED BY
1FP0253 1FP0253T.E.	Roy W. Spangler and Jane E. Spangler, husband and wife, as joint tenants	0.734	0.091	0.070	0.643	0.008	364	Driveway Construction	06-03-16-221-014
1FP0254	Jennie A. Watkins and David Keith Watkins, Sr., husband and wife, as Tenants by the Entirety	0.309	0.030	N/A	0.279	N/A	N/A	N/A	06-03-16-221-008
1FP0255	Barbara Konkol	0.275	0.040	N/A	0.235	N/A	N/A	N/A	06-03-16-220-012

Schedule of Ties

Point Number	Tie to point	Tie Distance (feet)
1	T1	21.42
	T2	13.49
	T3	21.88
2	T1	7.12
	T2	6.53
	T3	8.14
3	T1	8.38
	T2	23.10
	T3	43.50
4	T1	42.24
	T2	23.22
	T3	13.08

T1, T2 & T3 to Point No. 2 are a Cross Cut (Set) in Concrete Drive.

COORDINATE TABLE

STATION	OFFSET	NORTH	EAST
3328+56.88	40.00' Lt.	1,798,181.584	1,020,125.421
3328+59.25	49.35' Lt.	1,798,183.654	1,020,116.000
3329+25.23	49.47' Lt.	1,798,249.618	1,020,113.775
3329+25.32	71.00' Lt.	1,798,249.030	1,020,092.249
3329+45.21	29.38' Lt.	1,798,270.237	1,020,133.219
3329+52.00	40.00' Lt.	1,798,276.686	1,020,122.391
3330+59.46	29.41' Lt.	1,798,384.449	1,020,129.643
3330+59.49	40.00' Lt.	1,798,384.160	1,020,119.056

EXISTING R.O.W. RECORDED INFORMATION

Parcel	Document No.	Date Recorded
1FP0254	1012121	June 23, 1964
1FP0255	1012121	June 23, 1964
---	26403	May 16, 1857

HIGHVIEW SUBDIVISION
UNIT NO. 1
Recorded June 23, 1964
as Document No. 1012121
Corrected by Certificate of Correction
Recorded April 23, 1965
as Document No. 1032670
Subdivision Re-Recorded August 25, 1964
as Document No. 1016494

ASSESSOR'S SUBDIVISION OF
PART OF NE 1/4 SEC. 16-36-9
Recorded August 24, 1867
as Document No. 57289

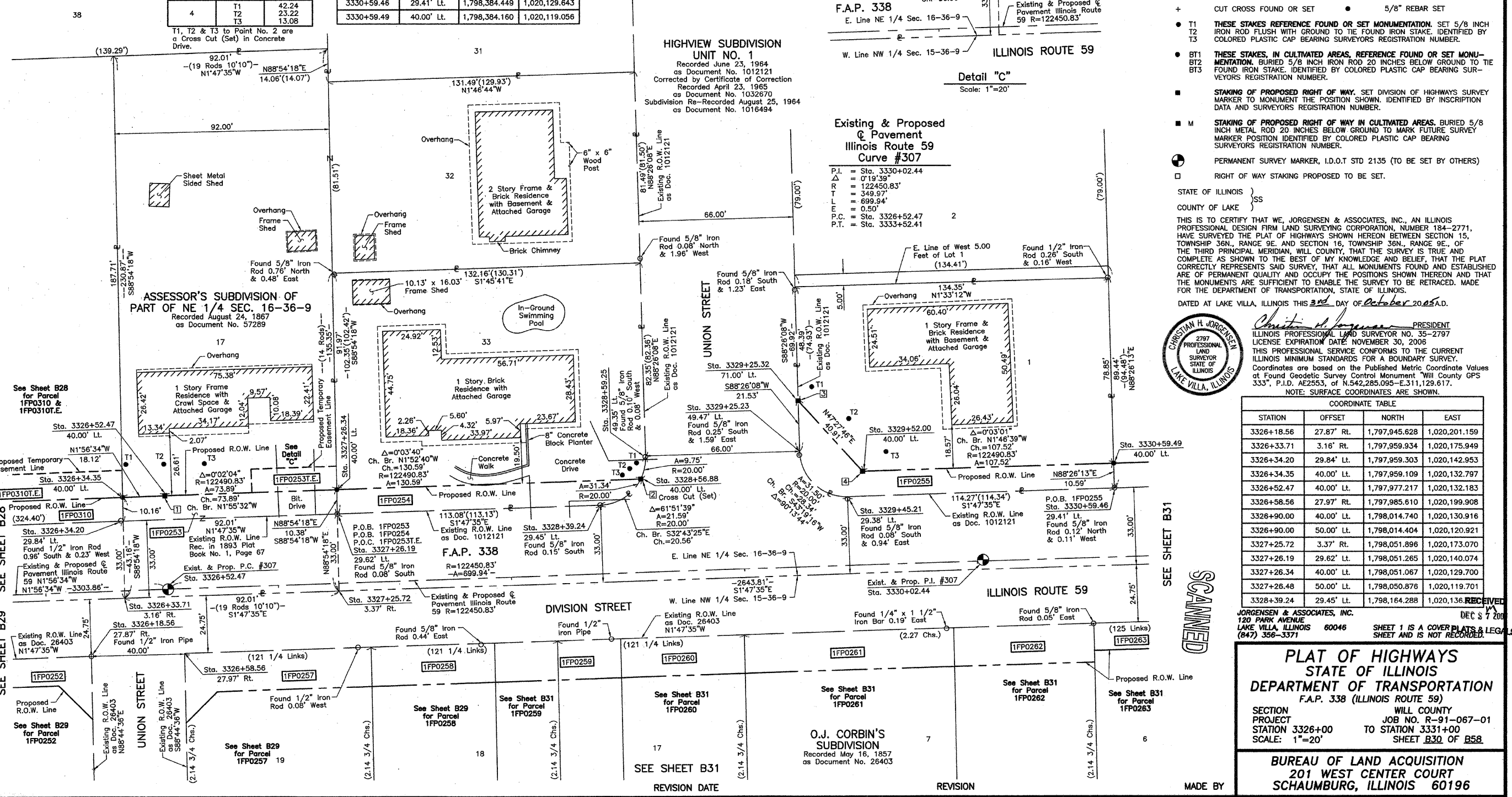
LEGEND

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

Bearings are referenced to the Illinois Coordinate System NAD83 (1997) East Zone at Found Geodetic Survey Control Monuments "Will County GPS 316", P.I.D. AE2551 and "Will County GPS 333", P.I.D. AE2553.

Scale: 1"=20'

RESUBDIVISION
OUT LOT B OF HIGHVIEW SUBDIVISION, UNIT NO. 1
Recorded March 16, 1987
as Document No. R67-3370



Existing & Proposed Pavement Illinois Route 59 Curve #307

P.I.	Sta.
1	Sta. 3330+02.44
2	Sta. 3326+52.47
3	Sta. 3333+52.41

COORDINATE TABLE

STATION	OFFSET	NORTH	EAST
3326+18.56	27.87' Rt.	1,797,945.628	1,020,201.159
3326+33.71	3.16' Rt.	1,797,959.934	1,020,175.949
3326+34.20	29.84' Lt.	1,797,959.303	1,020,142.953
3326+34.35	40.00' Lt.	1,797,959.109	1,020,132.797
3326+52.47	40.00' Lt.	1,797,977.217	1,020,132.183
3326+58.56	27.97' Rt.	1,797,985.610	1,020,199.908
3326+90.00	40.00' Lt.	1,798,014.740	1,020,130.916
3326+90.00	50.00' Lt.	1,798,014.404	1,020,120.921
3327+25.72	3.37' Rt.	1,798,051.896	1,020,173.070
3327+26.19	29.62' Lt.	1,798,051.265	1,020,140.074
3327+26.34	40.00' Lt.	1,798,051.067	1,020,129.700
3327+26.48	50.00' Lt.	1,798,050.876	1,020,119.701
3328+39.24	29.45' Lt.	1,798,164.288	1,020,136.000



Christian H. Jorgensen, PRESIDENT
ILLINOIS PROFESSIONAL LAND SURVEYOR NO. 35-2797
LICENSE EXPIRATION DATE: NOVEMBER 30, 2006
THIS PROFESSIONAL SERVICE CONFORMS TO THE CURRENT ILLINOIS MINIMUM STANDARDS FOR A BOUNDARY SURVEY. Coordinates are based on the Published Metric Coordinate Values at Found Geodetic Survey Control Monument "Will County GPS 333", P.I.D. AE2553, of N.542,285.095-E.311,129.617. NOTE: SURFACE COORDINATES ARE SHOWN.

JORGENSEN & ASSOCIATES, INC.
120 PARK AVENUE
LAKE VILLA, ILLINOIS 60046
(847) 356-3371

PLAT OF HIGHWAYS
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
F.A.P. 338 (ILLINOIS ROUTE 59)

SECTION WILL COUNTY
PROJECT JOB NO. R-91-067-01
STATION TO STATION 3326+00 TO 3331+00
SCALE: 1"=20' SHEET 330 OF 358

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

PARCEL NUMBER	OWNER	TOTAL HOLDINGS ACRES	PART TAKEN ACRES	AREA IN EXISTING R.O.W. ACRES	REMAINDER AREA ACRES	EASEMENT AREA ACRES	EASEMENT PURPOSE	PERMANENT INDEX NUMBER	PROPERTY ACQUIRED BY
1FP0256	John L. Chapman and Mary Ellen Chapman, his wife, in joint tenancy	0.400	0.044	N/A	0.356	N/A	N/A	06-03-16-220-005	
1FP0259	Sue Alexander	0.176	0.021	N/A	0.155	N/A	N/A	06-03-15-108-009	
1FP0260	Marion Connell and John J. Connell, her husband, as joint tenants	0.172	0.020	N/A	0.152	N/A	N/A	06-03-15-108-008	
1FP0261	Scott M. Smith	0.292	0.034	N/A	0.258	N/A	N/A	06-03-15-108-007	
1FP0262	Chris Babaniotis	0.195	0.023	N/A	0.172	N/A	N/A	06-03-15-108-006	
1FP0263	Rick Nicklin and Beverly Nicklin, in joint tenancy	0.268	0.022	N/A	0.246	N/A	N/A	06-03-15-108-005	

LEGEND

SECTION CORNER 16 15 SECTION CORNER SECTION 113 N-2 CONTRACT NO. 60E73

SECTION 9 10 16 15

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

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

EXISTING BUILDING

0 20' 40'
 SCALE: 1"=20'

Bearings are referenced to the Illinois Coordinate System NAD83 (1997) East Zone at Found Geodetic Survey Control Monuments "Will County GPS 316", P.I.D. AE2551 and "Will County GPS 333", P.I.D. AE2553.

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

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

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

■ STAKING OF PROPOSED RIGHT OF WAY. SET DIVISION OF HIGHWAYS SURVEY MARKER TO MONUMENT THE POSITION SHOWN, IDENTIFIED BY INSCRIPTION DATA AND SURVEYORS REGISTRATION NUMBER.

■ M STAKING OF PROPOSED RIGHT OF WAY IN CULTIVATED AREAS. BURIED 5/8 INCH METAL ROD 20 INCHES BELOW GROUND TO MARK FUTURE SURVEY MARKER POSITION, IDENTIFIED BY COLORED PLASTIC CAP BEARING SURVEYORS REGISTRATION NUMBER.

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

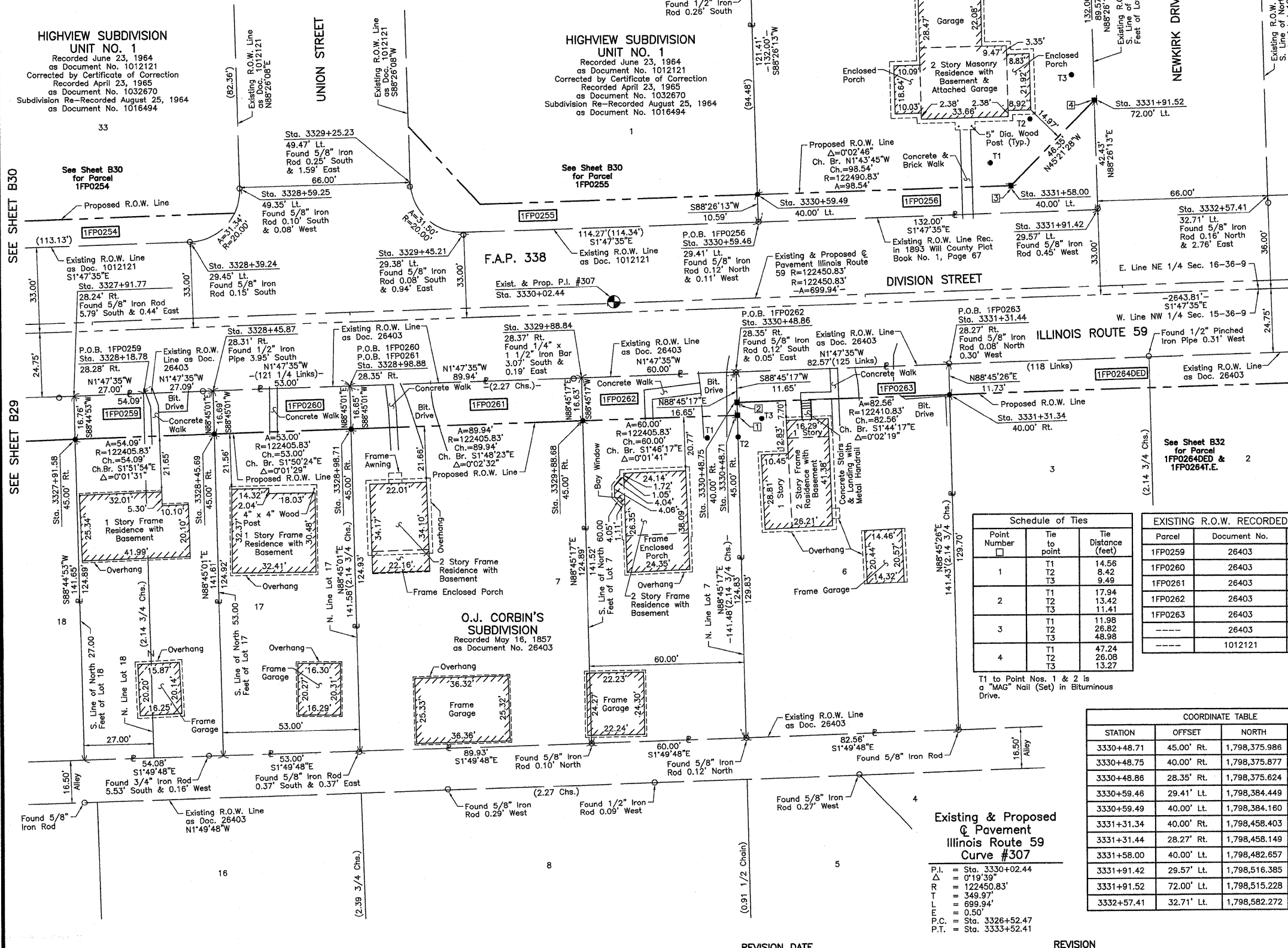
□ RIGHT OF WAY STAKING PROPOSED TO BE SET.

STATE OF ILLINOIS }
 COUNTY OF LAKE } SS

THIS IS TO CERTIFY THAT WE, JORGENSEN & ASSOCIATES, INC., AN ILLINOIS PROFESSIONAL DESIGN FIRM LAND SURVEYING CORPORATION, NUMBER 184-2771, HAVE SURVEYED THE PLAT OF HIGHWAYS SHOWN HEREON BETWEEN SECTION 15, TOWNSHIP 36N., RANGE 9E. AND SECTION 16, TOWNSHIP 36N., RANGE 9E., OF THE THIRD PRINCIPAL MERIDIAN, WILL COUNTY, THAT THE SURVEY IS TRUE AND COMPLETE AS SHOWN TO THE BEST OF MY KNOWLEDGE AND BELIEF, THAT THE PLAT CORRECTLY REPRESENTS SAID SURVEY, THAT ALL MONUMENTS FOUND AND ESTABLISHED ARE OF PERMANENT QUALITY AND OCCUPY THE POSITIONS SHOWN THEREON AND THAT THE MONUMENTS ARE SUFFICIENT TO ENABLE THE SURVEY TO BE RETRACED, MADE FOR THE DEPARTMENT OF TRANSPORTATION, STATE OF ILLINOIS.

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

PRESIDENT
 ILLINOIS PROFESSIONAL LAND SURVEYOR NO. 35-2797
 LICENSE EXPIRATION DATE: NOVEMBER 30, 2006
 THIS PROFESSIONAL SERVICE CONFORMS TO THE CURRENT ILLINOIS MINIMUM STANDARDS FOR A BOUNDARY SURVEY.
 Coordinates are based on the Published Metric Coordinate Values at Found Geodetic Survey Control Monument "Will County GPS 333", P.I.D. AE2553, of N.542,285.095-E.311,129.617.
 NOTE: SURFACE COORDINATES ARE SHOWN.



Schedule of Ties

Point Number	Tie to point	Tie Distance (feet)
1	T1	14.56
	T2	8.42
	T3	9.49
2	T1	17.94
	T2	13.42
	T3	11.41
3	T1	11.98
	T2	26.82
	T3	48.98
4	T1	47.24
	T2	26.08
	T3	13.27

T1 to Point Nos. 1 & 2 is a "MAG" Nail (Set) in Bituminous Drive.

EXISTING R.O.W. RECORDED INFORMATION

Parcel	Document No.	Date Recorded
1FP0259	26403	May 16, 1857
1FP0260	26403	May 16, 1857
1FP0261	26403	May 16, 1857
1FP0262	26403	May 16, 1857
1FP0263	26403	May 16, 1857
-----	26403	May 16, 1857
-----	1012121	June 23, 1964

COORDINATE TABLE

STATION	OFFSET	NORTH	EAST
3330+48.71	45.00' Rt.	1,798,375.986	1,020,204.346
3330+48.75	40.00' Rt.	1,798,375.877	1,020,199.348
3330+48.86	28.35' Rt.	1,798,375.624	1,020,187.698
3330+59.46	29.41' Lt.	1,798,384.449	1,020,129.643
3330+59.49	40.00' Lt.	1,798,384.160	1,020,119.056
3331+31.34	40.00' Lt.	1,798,458.403	1,020,196.843
3331+31.44	28.27' Rt.	1,798,458.149	1,020,185.114
3331+58.00	40.00' Lt.	1,798,482.657	1,020,116.082
3331+91.42	29.57' Lt.	1,798,518.385	1,020,125.513
3331+91.52	72.00' Lt.	1,798,515.228	1,020,083.103
3332+57.41	32.71' Lt.	1,798,582.272	1,020,120.449

Existing & Proposed Pavement Illinois Route 59 Curve #307

P.I. = Sta. 3330+02.44
 Δ = 0°19'39"
 R = 122450.83'
 T = 349.97'
 L = 699.94'
 P.C. = 0.50'
 P.T. = Sta. 3326+52.47
 P.T. = Sta. 3333+52.41

BY	DATE	MADE	CHECKED	INDEXED	NOTED	NO.

PLAT OF HIGHWAYS STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION F.A.P. 338 (ILLINOIS ROUTE 59)

SECTION 113 N-2
 PROJECT TO STATION 3333+00
 STATION 3327+00 TO STATION 3333+00
 SCALE: 1"=20' SHEET B31 OF B58

WILL COUNTY
 JOB NO. R-91-067-01
 SHEET B31 OF B58

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

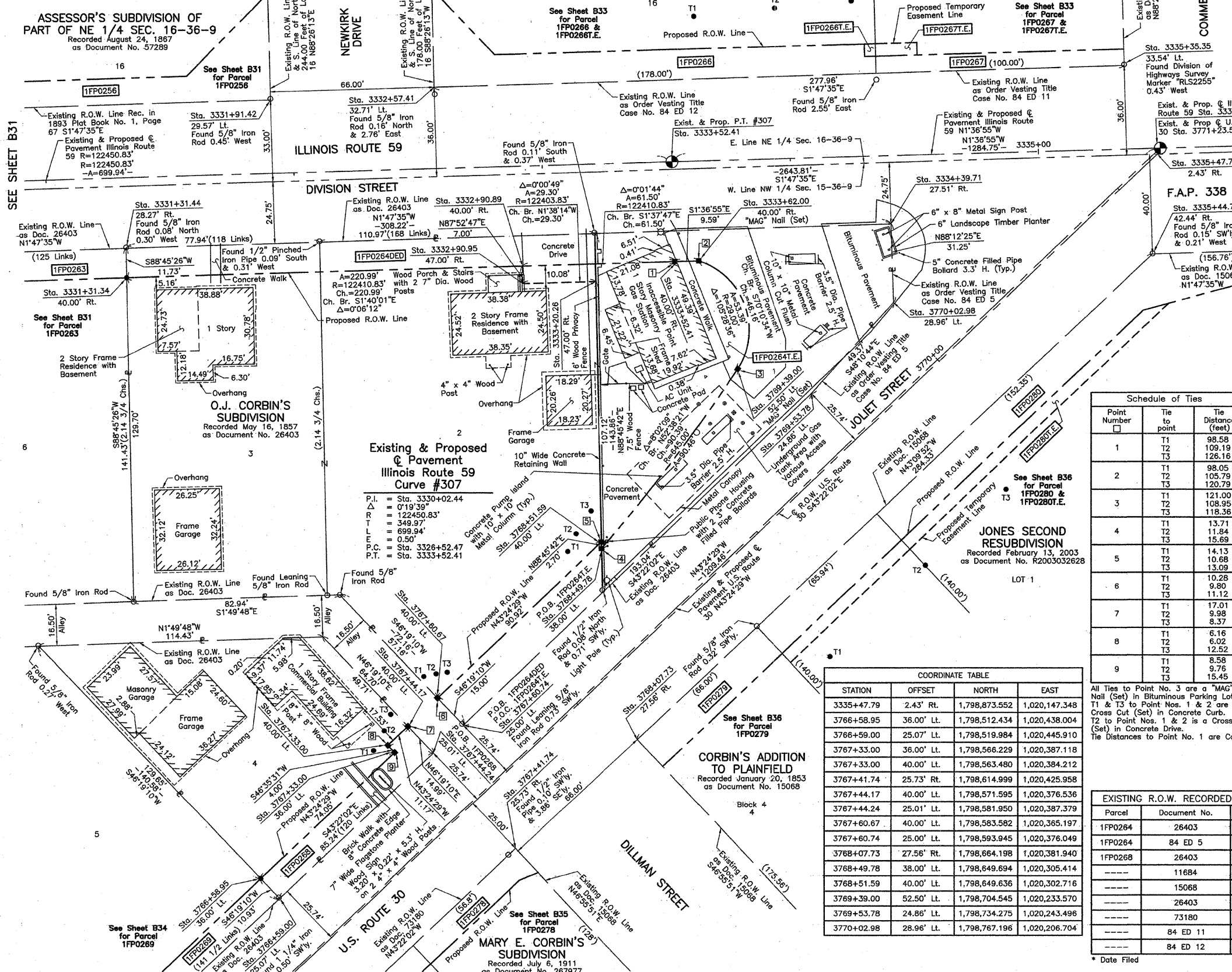
JORGENSEN & ASSOCIATES, INC.
 120 PARK AVENUE
 LAKE VILLA, ILLINOIS 60046
 (847) 356-3371

SHEET 1 IS A COVER SHEET AND IS NOT RECORDED.

PART OF THE NW 1/4 OF SEC. 15 AND PART OF THE NE 1/4 OF SEC. 16, TWP. 36 N., R. 9 E. OF THE 3RD. P.M., IN WILL COUNTY, ILLINOIS.

PARCEL NUMBER	OWNER	TOTAL HOLDINGS ACRES	PART TAKEN ACRES	AREA IN EXISTING R.O.W. ACRES	REMAINDER AREA ACRES	EASEMENT AREA ACRES	EASEMENT PURPOSE	PERMANENT INDEX NUMBER	PROPERTY ACQUIRED BY
1FP0264DED 1FP0264T.E.	GC Real Estate LLC, an Illinois limited liability company	0.926	0.221*	N/A	0.926	0.110	Building Demolition & Driveway Construction	06-03-15-108-001 06-03-15-108-002 06-03-15-108-003 06-03-15-108-004	
1FP0268	Tracy L. Carel	0.201	0.022	N/A	0.179	N/A	N/A	06-03-15-108-012	

* Dedication



LEGEND

SECTION CORNER 16 15 SECTION CORNER 13 N-2
CONTRACT NO. 60E73

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

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

EXISTING BUILDING

SCALE: 1"=20'

Bearings are referenced to the Illinois Coordinate System NAD83 (1997) East Zone of Found Geodetic Survey Control Monuments "Will County GPS 316", P.I.D. AE2551 and "Will County GPS 333", P.I.D. AE2553.

IRON PIPE OR ROD FOUND
CUT CROSS FOUND OR SET

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

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

STAKING OF PROPOSED RIGHT OF WAY. SET DIVISION OF HIGHWAYS SURVEY MARKER TO MONUMENT THE POSITION SHOWN. IDENTIFIED BY INSCRIPTION DATA AND SURVEYORS REGISTRATION NUMBER.

STAKING OF PROPOSED RIGHT OF WAY IN CULTIVATED AREAS. BURIED 5/8 INCH IRON ROD 20 INCHES BELOW GROUND TO MARK FUTURE SURVEY MARKER POSITION IDENTIFIED BY COLORED PLASTIC CAP BEARING SURVEYORS REGISTRATION NUMBER.

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

RIGHT OF WAY STAKING PROPOSED TO BE SET.

STATE OF ILLINOIS }
COUNTY OF LAKE } SS

THIS IS TO CERTIFY THAT WE, JORGENSEN & ASSOCIATES, INC., AN ILLINOIS PROFESSIONAL DESIGN FIRM LAND SURVEYING CORPORATION, NUMBER 184-2771, HAVE SURVEYED THE PLAT OF HIGHWAYS SHOWN HEREON BETWEEN SECTION 15, TOWNSHIP 36N., RANGE 9E. AND SECTION 16, TOWNSHIP 36N., RANGE 9E., OF THE THIRD PRINCIPAL MERIDIAN, WILL COUNTY, THAT THE SURVEY IS TRUE AND COMPLETE AS SHOWN TO THE BEST OF MY KNOWLEDGE AND BELIEF, THAT THE PLAT CORRECTLY REPRESENTS SAID SURVEY, THAT ALL MONUMENTS FOUND AND ESTABLISHED ARE OF PERMANENT QUALITY AND OCCUPY THE POSITIONS SHOWN THEREON AND THAT THE MONUMENTS ARE SUFFICIENT TO ENABLE THE SURVEY TO BE RETRACED. MADE FOR THE DEPARTMENT OF TRANSPORTATION, STATE OF ILLINOIS.

DATED AT LAKE VILLA, ILLINOIS THIS 23rd DAY OF September 2008 A.D.

CHRISTIAN H. JORGENSEN, PRESIDENT
ILLINOIS PROFESSIONAL LAND SURVEYOR NO. 35-2797
LICENSE EXPIRATION DATE: NOVEMBER 30, 2008
THIS PROFESSIONAL SERVICE CONFORMS TO THE CURRENT ILLINOIS MINIMUM STANDARDS FOR A BOUNDARY SURVEY.
Coordinates are based on the Published Metric Coordinate Values at Found Geodetic Survey Control Monument "Will County GPS 333", P.I.D. AE2553, of N.542,285.095-E.311,129.617.
NOTE: SURFACE COORDINATES ARE SHOWN.

Schedule of Ties

Point Number	Tie to point	Tie Distance (feet)
1	T1 T2 T3	98.58 109.19 126.16
2	T1 T2 T3	98.05 105.79 120.79
3	T1 T2 T3	121.00 108.95 118.36
4	T1 T2 T3	13.71 11.84 15.69
5	T1 T2 T3	14.13 10.68 13.09
6	T1 T2 T3	10.28 9.80 11.12
7	T1 T2 T3	17.01 9.98 8.37
8	T1 T2 T3	6.16 6.02 12.52
9	T1 T2 T3	8.58 9.78 15.45

COORDINATE TABLE

STATION	OFFSET	NORTH	EAST
3335+47.79	2.43' Rt.	1,798,873.552	1,020,147.348
3766+58.95	36.00' Lt.	1,798,512.434	1,020,438.004
3766+59.00	25.07' Lt.	1,798,519.984	1,020,445.910
3767+33.00	36.00' Lt.	1,798,566.229	1,020,387.118
3767+33.00	40.00' Lt.	1,798,563.480	1,020,384.212
3767+41.74	25.73' Rt.	1,798,614.999	1,020,425.958
3767+44.17	40.00' Lt.	1,798,571.595	1,020,376.536
3767+44.24	25.01' Lt.	1,798,581.950	1,020,387.379
3767+60.67	40.00' Lt.	1,798,583.582	1,020,365.197
3767+60.74	25.00' Lt.	1,798,593.945	1,020,376.049
3768+07.73	27.56' Rt.	1,798,664.198	1,020,381.940
3768+49.78	38.00' Lt.	1,798,649.694	1,020,305.414
3768+51.59	40.00' Lt.	1,798,649.636	1,020,302.716
3769+39.00	52.50' Lt.	1,798,704.545	1,020,233.570
3769+53.78	24.86' Lt.	1,798,734.275	1,020,243.496
3770+02.98	28.96' Lt.	1,798,767.196	1,020,206.704

All Ties to Point No. 3 are a "MAG" Nail (Set) in Bituminous Parking Lot. T1 & T3 to Point Nos. 1 & 2 are a Cross Cut (Set) in Concrete Curb. T2 to Point Nos. 1 & 2 is a Cross Cut (Set) in Concrete Drive.
The Distances to Point No. 1 are Computed.

RECEIVED
JAN 3 2008
PLATS & LEGALS

EXISTING R.O.W. RECORDED INFORMATION

Parcel	Document No.	Date Recorded
1FP0264	26403	May 16, 1857
1FP0264	84 ED 5	*May 15, 1984
1FP0268	26403	May 16, 1857
-----	11684	June 20, 1851
-----	15068	January 20, 1853
-----	26403	May 16, 1857
-----	73180	April 14, 1869
-----	84 ED 11	*July 16, 1984
-----	84 ED 12	*July 16, 1984

JORGENSEN & ASSOCIATES, INC.
120 PARK AVENUE
LAKE VILLA, ILLINOIS 60046
(847) 356-3371

PLAT OF HIGHWAYS
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
F.A.P. 338 (ILLINOIS ROUTE 59)

SECTION 13 N-2
WILL COUNTY
PROJECT JOB NO. R-91-067-01
STATION 3331+00 TO STATION 3336+00 (IL 59)
STATION 3766+00 TO STATION 3771+23.55 (US 30)
SCALE: 1"=20' SHEET B32 OF B58

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

LEGEND

SECTION CORNER 16 15 SECTION CORNER SECTION 113 N-2 CONTRACT NO. 60E73

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

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

EXISTING BUILDING

Bearings are referenced to the Illinois Coordinate System NAD83 (1997) East Zone at Found Geodetic Survey Control Monuments "Will County GPS 316", P.I.D. AE2553, and "Will County GPS 333", P.I.D. AE2553.

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

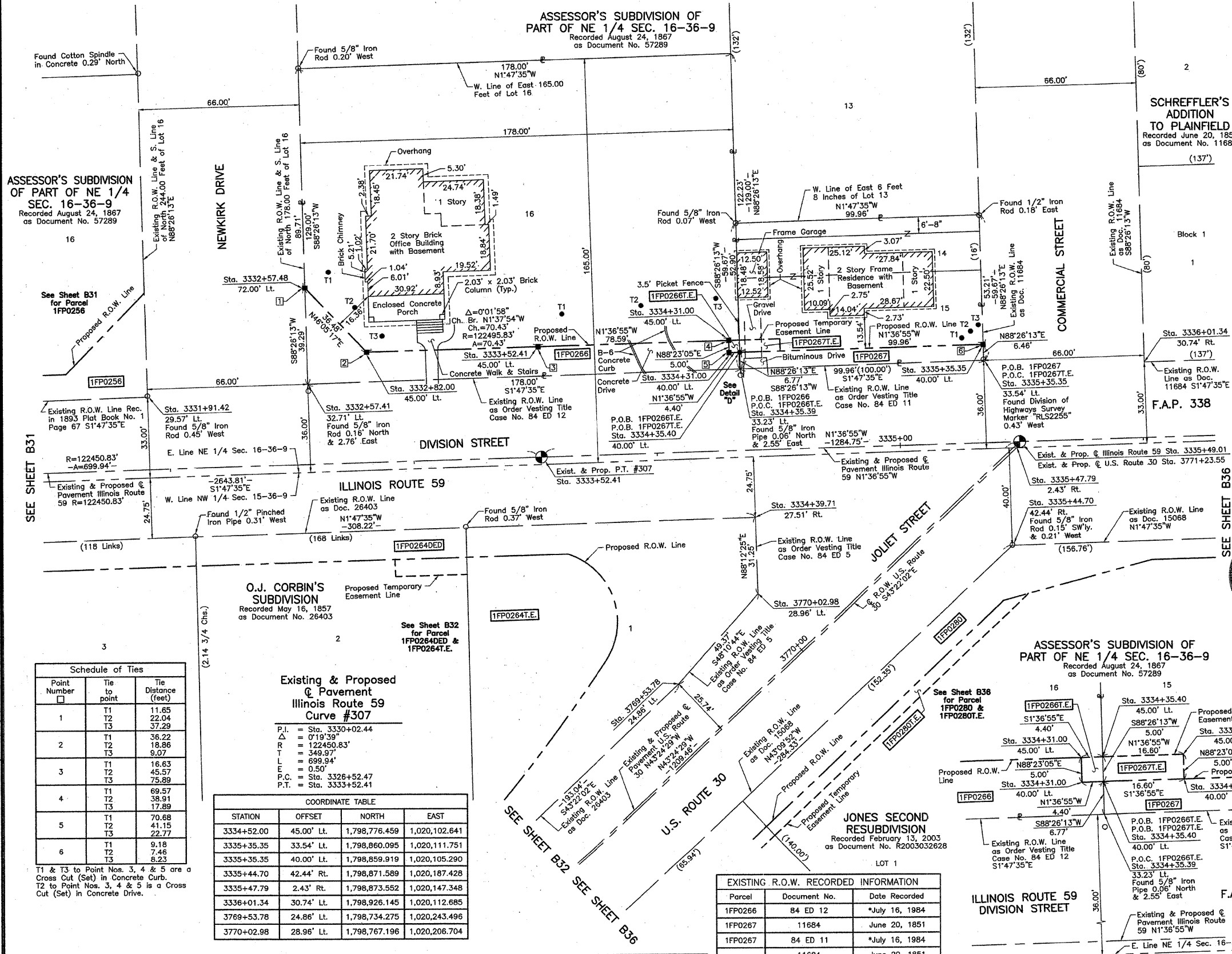
● T1 THESE STAKES REFERENCE FOUND OR SET MONUMENTATION, SET 5/8 INCH IRON ROD FLUSH WITH GROUND TO THE FOUND IRON STAKE, IDENTIFIED BY COLORED PLASTIC CAP BEARING SURVEYORS REGISTRATION NUMBER.
 ● T2 THESE STAKES, IN CULTIVATED AREAS, REFERENCE FOUND OR SET MONUMENTATION, BURIED 5/8 INCH IRON ROD 20 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.
 ● M STAKING OF PROPOSED RIGHT OF WAY IN CULTIVATED AREAS, BURIED 5/8 INCH METAL ROD 20 INCHES BELOW GROUND TO MARK FUTURE SURVEY MARKER POSITION IDENTIFIED BY COLORED PLASTIC CAP BEARING SURVEYORS REGISTRATION NUMBER.
 ● PERMANENT SURVEY MARKER, I.D.O.T. STD 2135 (TO BE SET BY OTHERS)
 □ RIGHT OF WAY STAKING PROPOSED TO BE SET.

STATE OF ILLINOIS }
 COUNTY OF LAKE } SS

THIS IS TO CERTIFY THAT WE, JORGENSEN & ASSOCIATES, INC., AN ILLINOIS PROFESSIONAL DESIGN FIRM AND SURVEYING CORPORATION, NUMBER 184-2771, HAVE SURVEYED THE PLAT OF HIGHWAYS SHOWN HEREON BETWEEN SECTION 15, TOWNSHIP 36N., RANGE 9E. AND SECTION 16, TOWNSHIP 36N., RANGE 9E., OF THE THIRD PRINCIPAL MERIDIAN, WILL COUNTY, THAT THE SURVEY IS TRUE AND COMPLETE AS SHOWN TO THE BEST OF MY KNOWLEDGE AND BELIEF, THAT THE PLAT CORRECTLY REPRESENTS SAID SURVEY, THAT ALL MONUMENTS FOUND AND ESTABLISHED ARE OF PERMANENT QUALITY AND OCCUPY THE POSITIONS SHOWN THEREON AND THAT THE MONUMENTS ARE SUFFICIENT TO ENABLE THE SURVEY TO BE RETRACED, MADE FOR THE DEPARTMENT OF TRANSPORTATION, STATE OF ILLINOIS.

DATED AT LAKE VILLA, ILLINOIS THIS 6th DAY OF March 2006 A.D.

Christian H. Jorgensen PRESIDENT
 2797 PROFESSIONAL LAND SURVEYOR NO. 35-2797
 LICENSE EXPIRATION DATE: NOVEMBER 30, 2006
 THIS PROFESSIONAL SERVICE CONFORMS TO THE CURRENT ILLINOIS MINIMUM STANDARDS FOR A BOUNDARY SURVEY.
 Coordinates are based on the Published Metric Coordinate Values at Found Geodetic Survey Control Monument "Will County GPS 333", P.I.D. AE2553, of N.542.285.095-E.311.129.617.
 NOTE: SURFACE COORDINATES ARE SHOWN.



Schedule of Ties

Point Number	Tie to point	Tie Distance (feet)
1	T1	11.65
	T2	22.04
	T3	37.29
2	T1	36.22
	T2	18.86
	T3	9.07
3	T1	16.63
	T2	45.57
	T3	75.89
4	T1	69.57
	T2	38.91
	T3	17.89
5	T1	70.68
	T2	41.15
	T3	22.77
6	T1	9.18
	T2	7.46
	T3	8.23

T1 & T3 to Point Nos. 3, 4 & 5 are a Cross Cut (Set) in Concrete Curb.
 T2 to Point Nos. 3, 4 & 5 is a Cross Cut (Set) in Concrete Drive.

Existing & Proposed Pavement Illinois Route 59 Curve #307

P.I. = Sta. 3330+02.44
 Δ = 0°19'39"
 R = 122450.83'
 L = 349.97'
 E = 699.94'
 P.C. = Sta. 3326+52.47
 P.T. = Sta. 3333+52.41

COORDINATE TABLE

STATION	OFFSET	NORTH	EAST
3334+52.00	45.00' Lt.	1,798,776.459	1,020,102.641
3335+35.35	33.54' Lt.	1,798,860.095	1,020,111.751
3335+35.35	40.00' Lt.	1,798,859.919	1,020,105.290
3335+44.70	42.44' Rt.	1,798,871.589	1,020,187.428
3335+47.79	2.43' Rt.	1,798,873.552	1,020,147.348
3336+01.34	30.74' Lt.	1,798,926.145	1,020,112.685
3769+53.78	24.86' Lt.	1,798,734.275	1,020,243.496
3770+02.98	28.96' Lt.	1,798,767.196	1,020,206.704

EXISTING R.O.W. RECORDED INFORMATION

Parcel	Document No.	Date Recorded
1FP0266	84 ED 12	*July 16, 1984
1FP0267	11684	June 20, 1851
1FP0267	84 ED 11	*July 16, 1984
---	11684	June 20, 1851
---	15068	January 20, 1853
---	28403	May 16, 1857
---	84 ED 5	*May 15, 1984

* Date Filed October 3, 2006
 July 14, 2006
 REVISION DATE September 1, 2005

COORDINATE TABLE

STATION	OFFSET	NORTH	EAST
3331+91.42	29.57' Lt.	1,798,516.385	1,020,125.513
3332+57.41	32.71' Lt.	1,798,582.272	1,020,120.449
3332+57.48	72.00' Lt.	1,798,581.200	1,020,081.173
3332+82.00	45.00' Lt.	1,798,606.501	1,020,107.454
3333+52.41	45.00' Lt.	1,798,676.906	1,020,105.448
3334+31.00	40.00' Lt.	1,798,755.608	1,020,108.231
3334+31.00	45.00' Lt.	1,798,755.467	1,020,103.233
3334+35.39	33.23' Lt.	1,798,760.186	1,020,114.879
3334+35.40	40.00' Lt.	1,798,760.001	1,020,108.107
3334+35.40	45.00' Lt.	1,798,759.865	1,020,103.109
3334+39.71	27.51' Rt.	1,798,766.218	1,020,175.470
3334+52.00	40.00' Lt.	1,798,776.600	1,020,107.639

PARCEL NUMBER	OWNER	TOTAL HOLDINGS ACRES	PART TAKEN ACRES	AREA IN EXISTING R.O.W. ACRES	REMAINDER AREA ACRES	EASEMENT ACRES	EASEMENT AREA SQUARE FEET	EASEMENT PURPOSE	PERMANENT INDEX NUMBER	PROPERTY ACQUIRED BY
1FP0266 1FP0266T.E.	Historical Properties, LLC, an Illinois Limited Liability Company	0.527	0.056	N/A	0.471	0.001	22	Grading	06-03-16-219-034	
1FP0267 1FP0267T.E.	Lindalee Adams	0.137	0.015	N/A	0.122	0.002	83	Driveway Construction	06-03-16-219-024	

BY	DATE	MADE	CHECKED	LINKED	ROW PLAT	NOTEBOOK	NO



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 PLATS & LEGALS
 MADE BY

PLAT OF HIGHWAYS
 STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION
 F.A.P. 338 (ILLINOIS ROUTE 59)

SECTION 113 N-2
 PROJECT JOB NO. R-91-067-01
 STATION 3331+00 TO STATION 3336+00 (IL 59)
 STATION 3769+00 TO STATION 3771+23.55 (US 30)
 SCALE: 1"=20' SHEET B33 OF B58

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

AS DOCUMENT NO.

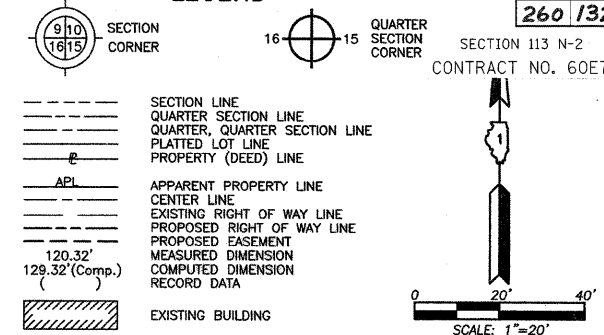
PART OF THE NW 1/4 OF SEC. 15, TWP. 36 N., R. 9 E. OF THE 3RD. P.M., IN WILL COUNTY, ILLINOIS.

PARCEL NUMBER	OWNER	TOTAL HOLDINGS ACRES	PART TAKEN SQUARE ACRES	AREA IN EXISTING R.O.W. ACRES	REMAINDER AREA ACRES	EASEMENT AREA SQUARE FEET	EASEMENT PURPOSE	PERMANENT INDEX NUMBER	PROPERTY ACQUIRED BY
1FP0269	Marcella L. Thorsen	0.231	0.015	N/A	0.216	N/A	N/A	06-03-15-108-013	
1FP0270 1FP0270.T.E.	Anthony E. Brannen and Jean A. Brannen, formerly Joan A. Smith, husband and wife, as joint tenants	0.304	0.012	N/A	0.292	0.002	99	06-03-15-108-014	
1FP0271 1FP0271.T.E.	Donald R. Leaman	0.302	0.007	306	N/A	0.295	0.003	111	06-03-15-108-015(pt.)
1FP0272 1FP0272.T.E.	Brian K. Watson	0.236	0.006	264	N/A	0.230	0.004	171	06-03-15-108-017
1FP0273 1FP0273.T.E.	Paul B. Smith and Delores H. Smith, in Joint Tenancy	0.232	0.003	144	N/A	0.229	0.004	167	06-03-15-108-018

EXISTING R.O.W. RECORDED INFORMATION

Parcel	Document No.	Date Recorded
1FP0269	26403	May 16, 1857
1FP0270	26403	May 16, 1857
1FP0271	26403	May 16, 1857
1FP0272	26403	May 16, 1857
1FP0273	26403	May 16, 1857
---	26403	May 16, 1857
---	73180	April 14, 1869

LEGEND



TOTAL SHEETS 260
SHEET NO. 132

SECTION 113 N-2
CONTRACT NO. 60E73

Bearings are referenced to the Illinois Coordinate System NAD83 (1997) East Zone at Found Geodetic Survey Control Monuments "Will County GPS 316", P.I.D. AE2551 and "Will County GPS 333", P.I.D. AE2553.

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

STATE OF ILLINOIS }
COUNTY OF LAKE }

THIS IS TO CERTIFY THAT WE, JORGENSEN & ASSOCIATES, INC., AN ILLINOIS PROFESSIONAL DESIGN FIRM LAND SURVEYING CORPORATION, NUMBER 184-2771, HAVE SURVEYED THE PLAT OF HIGHWAYS SHOWN HEREON IN SECTION 15, TOWNSHIP 36N., RANGE 9E., OF THE THIRD PRINCIPAL MERIDIAN, WILL COUNTY, THAT THE SURVEY IS TRUE AND COMPLETE AS SHOWN TO THE BEST OF MY KNOWLEDGE AND BELIEF, THAT THE PLAT CORRECTLY REPRESENTS SAID SURVEY, THAT ALL MONUMENTS FOUND AND ESTABLISHED ARE OF PERMANENT QUALITY AND OCCUPY THE POSITIONS SHOWN THEREON AND THAT THE MONUMENTS ARE SUFFICIENT TO ENABLE THE SURVEY TO BE RETRACED. MADE FOR THE DEPARTMENT OF TRANSPORTATION, STATE OF ILLINOIS. DATED AT LAKE VILLA, ILLINOIS THIS 23rd DAY OF September 2006 A.D.



Christian H. Jorgensen PRESIDENT
ILLINOIS PROFESSIONAL LAND SURVEYOR NO. 35-2797
LICENSE EXPIRATION DATE: NOVEMBER 30, 2006

THIS PROFESSIONAL SERVICE CONFORMS TO THE CURRENT ILLINOIS MINIMUM STANDARDS FOR A BOUNDARY SURVEY. Coordinates are based on the Published Metric Coordinate Values at Found Geodetic Survey Control Monument "Will County GPS 333", P.I.D. AE2553, of N.542,285.095-E.311,129.617. NOTE: SURFACE COORDINATES ARE SHOWN.

COORDINATE TABLE

STATION	OFFSET	NORTH	EAST
3763+75.28	25.27' Lt.	1,798,313.727	1,020,640.734
3763+85.28	25.26' Lt.	1,798,320.996	1,020,633.868
3764+00.00	25.25' Lt.	1,798,331.698	1,020,623.760
3764+00.00	30.00' Lt.	1,798,328.435	1,020,620.311
3764+08.00	30.00' Lt.	1,798,334.247	1,020,614.813
3764+08.00	37.50' Lt.	1,798,329.093	1,020,609.365
3764+30.22	37.50' Lt.	1,798,345.239	1,020,594.092
3764+30.29	30.00' Lt.	1,798,350.441	1,020,599.495
3764+30.33	25.23' Lt.	1,798,353.748	1,020,602.931
3764+53.00	30.00' Lt.	1,798,366.938	1,020,583.890
3764+53.00	37.50' Lt.	1,798,361.784	1,020,578.441
3764+85.36	30.00' Lt.	1,798,390.449	1,020,561.650
3764+85.39	25.19' Lt.	1,798,393.770	1,020,565.128

JORGENSEN & ASSOCIATES, INC.
120 PARK AVENUE
LAKE VILLA, ILLINOIS 60046 SHEET 1 IS A COVER SHEET AND IS NOT RECORDED.
(847) 356-3371

PLAT OF HIGHWAYS
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
F.A.P. 338 (ILLINOIS ROUTE 59)

SECTION 15, WILL COUNTY
PROJECT JOB NO. R-91-067-01
STATION 3763+00 TO STATION 3767+00
SCALE: 1"=20' SHEET B34 OF B58

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

COORDINATE TABLE

STATION	OFFSET	NORTH	EAST
3765+23.00	30.00' Lt.	1,798,417.792	1,020,535.786
3765+23.00	33.00' Lt.	1,798,415.730	1,020,533.607
3765+23.00	40.00' Lt.	1,798,410.920	1,020,528.522
3765+38.80	40.00' Lt.	1,798,422.395	1,020,517.667
3765+38.83	33.00' Lt.	1,798,427.230	1,020,522.729
3765+38.87	25.15' Lt.	1,798,432.649	1,020,528.404
3765+53.00	33.00' Lt.	1,798,437.525	1,020,512.991
3765+53.00	40.00' Lt.	1,798,432.714	1,020,507.906
3765+65.50	25.13' Lt.	1,798,452.013	1,020,510.113
3765+77.00	33.00' Lt.	1,798,454.960	1,020,496.499
3765+77.00	36.00' Lt.	1,798,452.898	1,020,494.319
3765+98.88	36.00' Lt.	1,798,468.796	1,020,479.282
3765+98.93	25.11' Lt.	1,798,476.316	1,020,487.157
3766+58.95	36.00' Lt.	1,798,512.434	1,020,438.004
3766+59.00	25.07' Lt.	1,798,519.984	1,020,445.910

Schedule of Ties

Point Number	Tie to point	Tie Distance (feet)
1	T1	14.47
	T2	7.19
	T3	13.33
2	T1	16.05
	T2	10.19
	T3	15.23
3	T1	11.16
	T2	10.95
	T3	12.79
4	T1	12.81
	T2	13.92
	T3	15.24
5	T1	8.76
	T2	7.27
	T3	10.33
6	T1	11.90
	T2	12.02
	T3	14.14

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PLATS & LEGALS

REVISION DATE August 21, 2007

REVISION Ownership Parcel 1FP0272

MADE BY

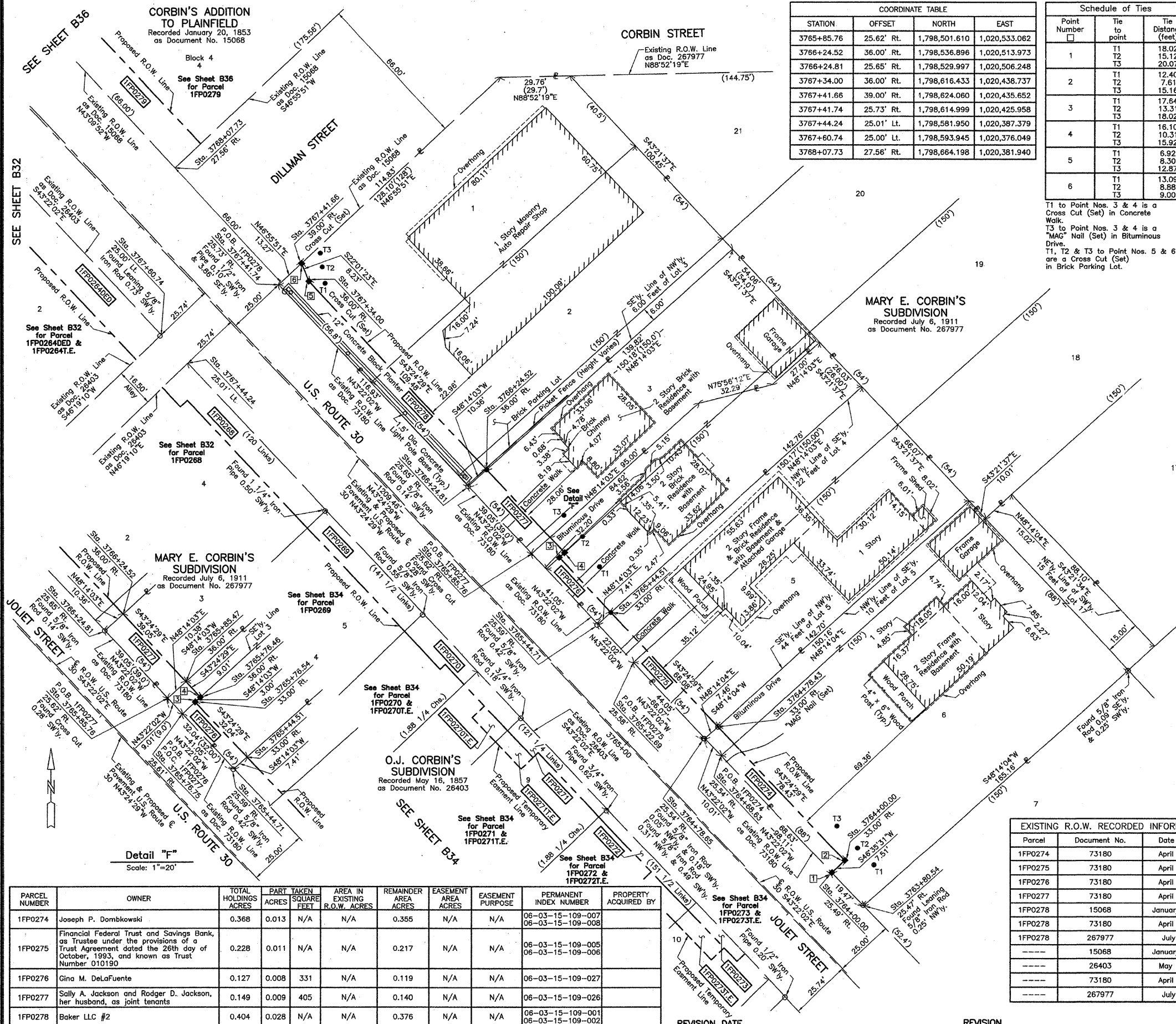
BY	DATE

ROW PLAT	MADE	CHECKED	LINKED

NOTEBOOK NO.	NO.

PART OF THE NW 1/4 OF SEC. 15, TWP. 36 N., R. 9 E. OF THE 3RD. P.M., IN WILL COUNTY, ILLINOIS.

TOTAL SHEETS 260 SHEET NO. 133



COORDINATE TABLE

STATION	OFFSET	NORTH	EAST
3765+85.76	25.62' Rt.	1,798,501.610	1,020,533.062
3766+24.52	36.00' Rt.	1,798,536.896	1,020,513.973
3766+24.81	25.65' Rt.	1,798,529.997	1,020,506.248
3767+34.00	36.00' Rt.	1,798,616.433	1,020,438.737
3767+41.66	39.00' Rt.	1,798,624.060	1,020,435.652
3767+41.74	25.73' Lt.	1,798,614.999	1,020,425.958
3767+44.24	25.01' Lt.	1,798,581.950	1,020,387.379
3767+60.74	25.00' Lt.	1,798,593.945	1,020,376.049
3768+07.73	27.56' Rt.	1,798,664.198	1,020,381.940

Schedule of Ties

Point Number	Tie to point	Tie Distance (feet)
1	T1	18.02
	T2	15.12
	T3	20.07
2	T1	12.40
	T2	7.61
	T3	15.16
3	T1	17.64
	T2	13.31
	T3	18.02
4	T1	16.10
	T2	10.31
	T3	15.92
5	T1	6.92
	T2	8.30
	T3	12.87
6	T1	13.09
	T2	8.88
	T3	9.00

LEGEND

SECTION CORNER 16 QUARTER SECTION CORNER

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

API
APPARENT PROPERTY LINE
CENTER LINE
EXISTING RIGHT OF WAY LINE
PROPOSED RIGHT OF WAY LINE
PROPOSED EASEMENT
MEASURED DIMENSION
COMPUTED DIMENSION
RECORD DATA

EXISTING BUILDING

Bearings are referenced to the Illinois Coordinate System NAD83 (1997) East Zone of Found Geodetic Survey Control Monuments "Will County GPS 316", P.I.D. AE2551 and "Will County GPS 333", P.I.D. AE2553.

0 20' 40'
SCALE: 1"=20'

CONTRACT NO. 60E73

T1 to Point Nos. 3 & 4 is a Cross Cut (Set) in Concrete Walk.
T2 to Point Nos. 3 & 4 is a "MAG" Nail (Set) in Bituminous Drive.
T1, T2 & T3 to Point Nos. 5 & 6 in Brick Parking Lot.

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

STATE OF ILLINOIS }
COUNTY OF LAKE } SS

THIS IS TO CERTIFY THAT WE, JORGENSEN & ASSOCIATES, INC., AN ILLINOIS PROFESSIONAL DESIGN FIRM LAND SURVEYING CORPORATION, NUMBER 184-2771, HAVE SURVEYED THE PLAT OF HIGHWAYS SHOWN HEREON IN SECTION 15, TOWNSHIP 36N., RANGE 9E., OF THE THIRD PRINCIPAL MERIDIAN, WILL COUNTY, THAT THE SURVEY IS TRUE AND COMPLETE AS SHOWN TO THE BEST OF MY KNOWLEDGE AND BELIEF, THAT THE PLAT CORRECTLY REPRESENTS SAID SURVEY, THAT ALL MONUMENTS FOUND AND ESTABLISHED ARE OF PERMANENT QUALITY AND OCCUPY THE POSITIONS SHOWN THEREON AND THAT THE MONUMENTS ARE SUFFICIENT TO ENABLE THE SURVEY TO BE RETRACED. MADE FOR THE DEPARTMENT OF TRANSPORTATION, STATE OF ILLINOIS. DATED AT LAKE VILLA, ILLINOIS THIS 23rd DAY OF September 2008 A.D.

Christian H. Jorgensen PRESIDENT
ILLINOIS PROFESSIONAL LAND SURVEYOR NO. 35-2797
LICENSE EXPIRATION DATE: NOVEMBER 30, 2006

THIS PROFESSIONAL SERVICE CONFORMS TO THE CURRENT ILLINOIS MINIMUM STANDARDS FOR A BOUNDARY SURVEY. Coordinates are based on the Published Metric Coordinate Values of Found Geodetic Survey Control Monument "Will County GPS 333", P.I.D. AE2553, of N.542.285.095-E.311.129.617. NOTE: SURFACE COORDINATES ARE SHOWN.

COORDINATE TABLE

STATION	OFFSET	NORTH	EAST
3763+80.54	25.47' Rt.	1,798,352.415	1,020,673.987
3764+00.00	25.49' Rt.	1,798,366.566	1,020,660.621
3764+00.00	33.00' Rt.	1,798,371.728	1,020,666.079
3764+68.63	25.54' Rt.	1,798,416.460	1,020,613.492
3764+78.43	33.00' Rt.	1,798,428.706	1,020,612.182
3764+78.65	25.54' Rt.	1,798,423.738	1,020,606.618
3765+22.69	25.58' Rt.	1,798,455.760	1,020,576.370
3765+44.51	33.00' Rt.	1,798,476.709	1,020,566.776
3765+44.71	25.59' Rt.	1,798,471.772	1,020,561.247
3765+76.46	36.00' Rt.	1,798,501.982	1,020,546.999
3765+76.54	33.00' Rt.	1,798,499.983	1,020,544.760
3765+76.75	25.61' Rt.	1,798,495.060	1,020,539.249
3765+85.47	36.00' Rt.	1,798,508.527	1,020,540.807

EXISTING R.O.W. RECORDED INFORMATION

Parcel	Document No.	Date Recorded
1FP0274	73180	April 14, 1869
1FP0275	73180	April 14, 1869
1FP0276	73180	April 14, 1869
1FP0277	73180	April 14, 1869
1FP0278	15068	January 20, 1853
1FP0278	73180	April 14, 1869
1FP0278	267977	July 6, 1911
-----	15068	January 20, 1853
-----	26403	May 16, 1857
-----	73180	April 14, 1869
-----	267977	July 6, 1911

PARCEL NUMBER	OWNER	TOTAL HOLDINGS ACRES	PART TAKEN ACRES	AREA IN EXISTING R.O.W. SQUARE FEET	REMAINDER AREA ACRES	EASEMENT AREA ACRES	EASEMENT PURPOSE	PERMANENT INDEX NUMBER	PROPERTY ACQUIRED BY
1FP0274	Joseph P. Dornbkowski	0.368	0.013	N/A	N/A	0.355	N/A	06-03-15-109-007 06-03-15-109-008	
1FP0275	Financial Federal Trust and Savings Bank, as Trustee under the provisions of a Trust Agreement dated the 26th day of October, 1993, and known as Trust Number 010190	0.228	0.011	N/A	N/A	0.217	N/A	06-03-15-109-005 06-03-15-109-006	
1FP0276	Gina M. DeLaFuente	0.127	0.008	331	N/A	0.119	N/A	06-03-15-109-027	
1FP0277	Sally A. Jackson and Rodger D. Jackson, her husband, as joint tenants	0.149	0.009	405	N/A	0.140	N/A	06-03-15-109-026	
1FP0278	Baker LLC #2	0.404	0.028	N/A	N/A	0.376	N/A	06-03-15-109-001 06-03-15-109-002	

RECEIVED
JAN 3 2008
PLATS & LEGALS

JORGENSEN & ASSOCIATES, INC.
120 PARK AVENUE
LAKE VILLA, ILLINOIS 60046
(847) 356-3371

SHEET 1 IS A COVER SHEET AND IS NOT RECORDED.

PLAT OF HIGHWAYS
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
F.A.P. 338 (ILLINOIS ROUTE 59)

SECTION 15 WILL COUNTY
PROJECT JOB NO. R-91-067-01
STATION 3763+00 TO STATION 3769+00
SCALE: 1"=20' SHEET B35 OF B38

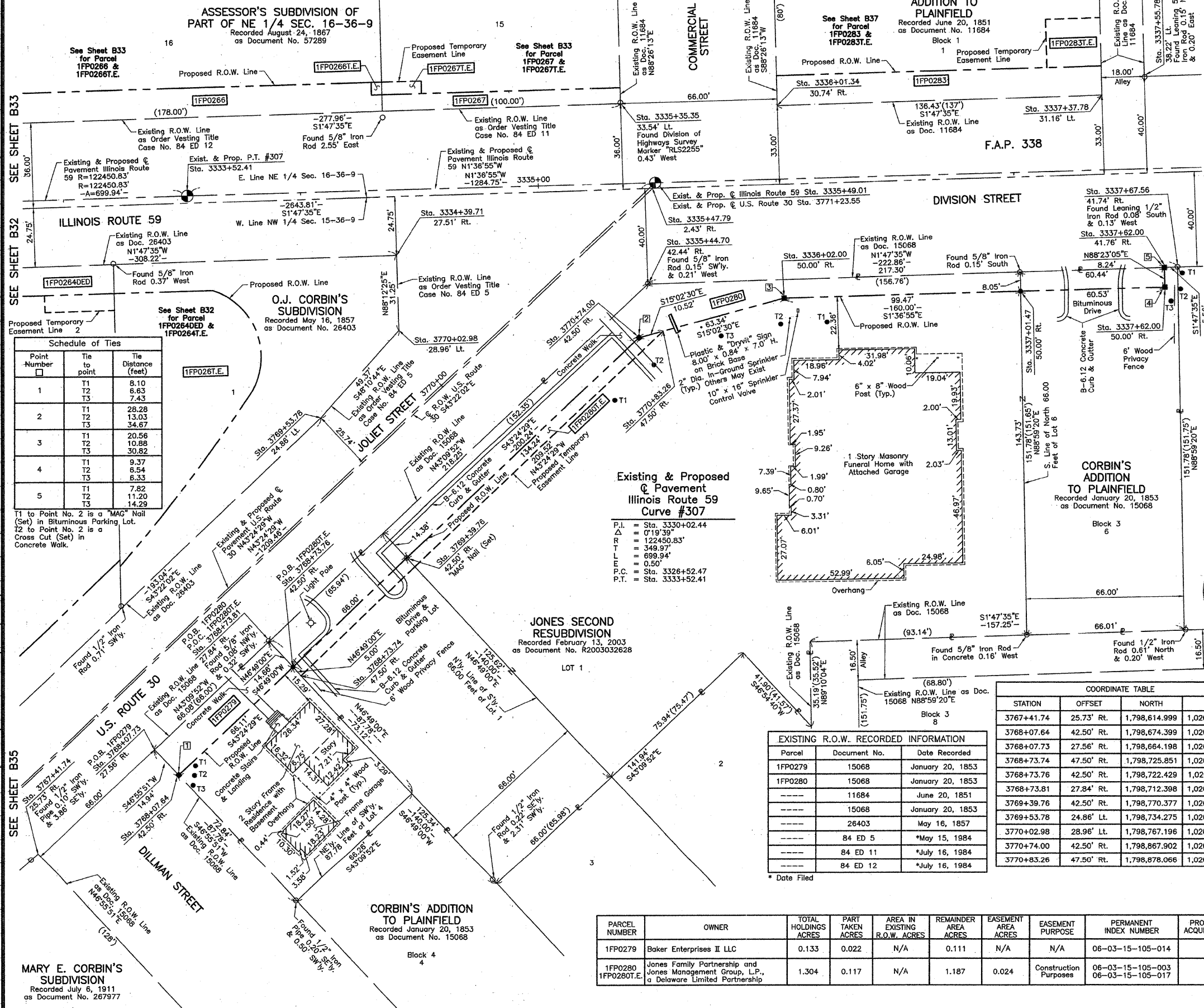
BUREAU OF LAND ACQUISITION
201 WEST CENTER COURT
SCHAUMBURG, ILLINOIS 60196

PART OF THE NW 1/4 OF SEC. 15 AND PART OF THE NE 1/4 OF SEC. 16, TWP. 36 N., R. 9 E. OF THE 3RD. P.M., IN WILL COUNTY, ILLINOIS.

SCHREFFLER'S ADDITION TO PLAINFIELD
Recorded June 20, 1851
as Document No. 11684
Block 1

LEGEND

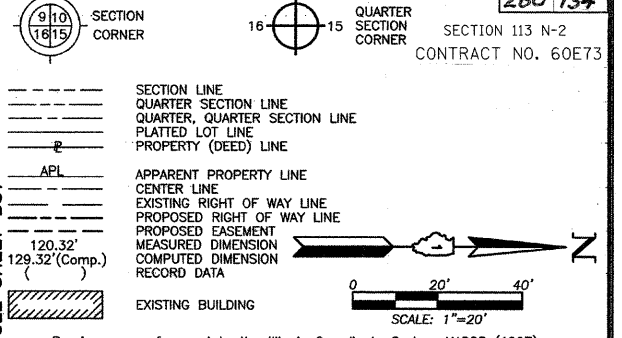
TOTAL SHEETS 260
SHEET NO. 134
SECTION 113 N-2
CONTRACT NO. 60E73



Schedule of Ties

Point Number	Tie to point	Tie Distance (feet)
1	T1	8.10
	T2	6.83
	T3	7.43
2	T1	28.28
	T2	13.03
	T3	34.67
3	T1	20.56
	T2	10.88
	T3	30.82
4	T1	9.37
	T2	6.54
	T3	6.33
5	T1	7.82
	T2	11.20
	T3	14.29

T1 to Point No. 2 is a "MAG" Nail (Set) in Bituminous Parking Lot.
T2 to Point No. 2 is a Cross Cut (Set) in Concrete Walk.

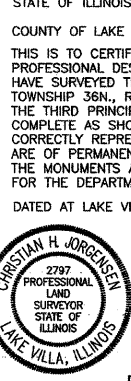


Bearings are referenced to the Illinois Coordinate System NAD83 (1997) East Zone as Found Geodetic Survey Control Monuments "Will County GPS 316", P.I.D. AE2551 and "Will County GPS 333", P.I.D. AE2553.

STATE OF ILLINOIS }
COUNTY OF LAKE } SS

THIS IS TO CERTIFY THAT WE, JORGENSEN & ASSOCIATES, INC., AN ILLINOIS PROFESSIONAL DESIGN FIRM LAND SURVEYING CORPORATION, NUMBER 184-2771, HAVE SURVEYED THE PLAT OF HIGHWAYS SHOWN HEREON BETWEEN SECTION 15, TOWNSHIP 36N., RANGE 9E. AND SECTION 16, TOWNSHIP 36N., RANGE 9E., OF THE THIRD PRINCIPAL MERIDIAN, WILL COUNTY, THAT THE SURVEY IS TRUE AND COMPLETE AS SHOWN TO THE BEST OF MY KNOWLEDGE AND BELIEF THAT THE PLAT CORRECTLY REPRESENTS SAID SURVEY, THAT ALL MONUMENTS FOUND AND ESTABLISHED ARE OF PERMANENT QUALITY AND OCCUPY THE POSITIONS SHOWN THEREON AND THAT THE MONUMENTS ARE SUFFICIENT TO ENABLE THE SURVEY TO BE RETRACED. MADE FOR THE DEPARTMENT OF TRANSPORTATION, STATE OF ILLINOIS.

DATED AT LAKE VILLA, ILLINOIS THIS 23RD DAY OF September 2008 A.D.



COORDINATE TABLE

STATION	OFFSET	NORTH	EAST
3334+39.71	27.51' Rt.	1,798,766.218	1,020,117.470
3335+35.35	33.54' Lt.	1,798,860.095	1,020,111.751
3335+44.70	42.44' Rt.	1,798,871.589	1,020,187.428
3335+47.79	2.43' Rt.	1,798,873.552	1,020,147.348
3336+01.34	30.74' Lt.	1,798,926.145	1,020,112.685
3336+02.00	50.00' Rt.	1,798,929.077	1,020,193.375
3337+01.47	50.00' Rt.	1,799,028.508	1,020,190.572
3337+37.78	31.16' Lt.	1,799,062.511	1,020,108.416
3337+55.78	38.22' Lt.	1,799,080.313	1,020,100.855
3337+62.00	41.76' Rt.	1,799,088.781	1,020,180.629
3337+62.00	50.00' Rt.	1,799,089.013	1,020,188.865
3337+67.56	41.74' Rt.	1,799,094.340	1,020,180.455

EXISTING R.O.W. RECORDED INFORMATION

Parcel	Document No.	Date Recorded
1FP0279	15068	January 20, 1853
1FP0280	15068	January 20, 1853
---	11684	June 20, 1851
---	15068	January 20, 1853
---	26403	May 16, 1857
---	84 ED 5	*May 15, 1984
---	84 ED 11	*July 16, 1984
---	84 ED 12	*July 16, 1984

COORDINATE TABLE

STATION	OFFSET	NORTH	EAST
3767+41.74	25.73' Rt.	1,798,614.999	1,020,425.958
3768+07.64	42.50' Rt.	1,798,674.399	1,020,392.853
3768+07.73	27.56' Rt.	1,798,664.198	1,020,381.940
3768+73.74	47.50' Rt.	1,798,725.851	1,020,351.066
3768+73.76	42.50' Rt.	1,798,722.429	1,020,347.421
3768+73.81	27.84' Rt.	1,798,712.398	1,020,336.733
3769+39.76	42.50' Rt.	1,798,770.377	1,020,302.068
3769+53.78	24.86' Lt.	1,798,734.275	1,020,243.496
3770+02.98	28.96' Lt.	1,798,767.196	1,020,206.704
3770+74.00	42.50' Rt.	1,798,867.902	1,020,209.815
3770+83.26	47.50' Rt.	1,798,878.066	1,020,207.083

PARCEL NUMBER	OWNER	TOTAL HOLDINGS ACRES	PART TAKEN ACRES	AREA IN EXISTING R.O.W. ACRES	REMAINDER AREA ACRES	EASEMENT AREA ACRES	EASEMENT PURPOSE	PERMANENT INDEX NUMBER	PROPERTY ACQUIRED BY
1FP0279	Baker Enterprises II LLC	0.133	0.022	N/A	0.111	N/A	N/A	06-03-15-105-014	RECEIVED JAN 8 2008
1FP0280	Jones Family Partnership and Jones Management Group, L.P., a Delaware Limited Partnership	1.304	0.117	N/A	1.187	0.024	Construction Purposes	06-03-15-105-003 06-03-15-105-017	PLATS & LEGALS

JORGENSEN & ASSOCIATES, INC.
120 PARK AVENUE
LAKE VILLA, ILLINOIS 60046
(847) 356-3371

SHEET 1 IS A COVER SHEET AND IS NOT RECORDED.

PLAT OF HIGHWAYS
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
F.A.P. 338 (ILLINOIS ROUTE 59)

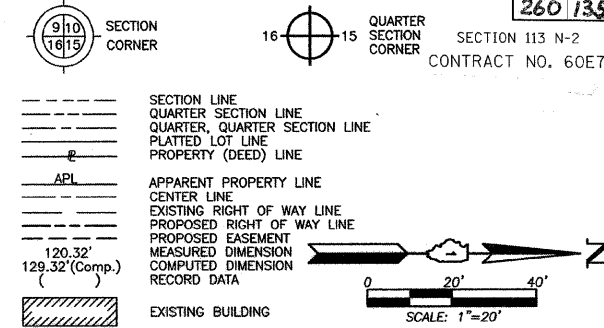
SECTION 113 N-2
WILL COUNTY
JOB NO. R-91-067-01
PROJECT 3333+00 TO STATION 3338+00 (IL 59)
STATION 3767+00 TO STATION 3771+23.55 (US 30)
SCALE: 1"=20'
SHEET B36 OF B58

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

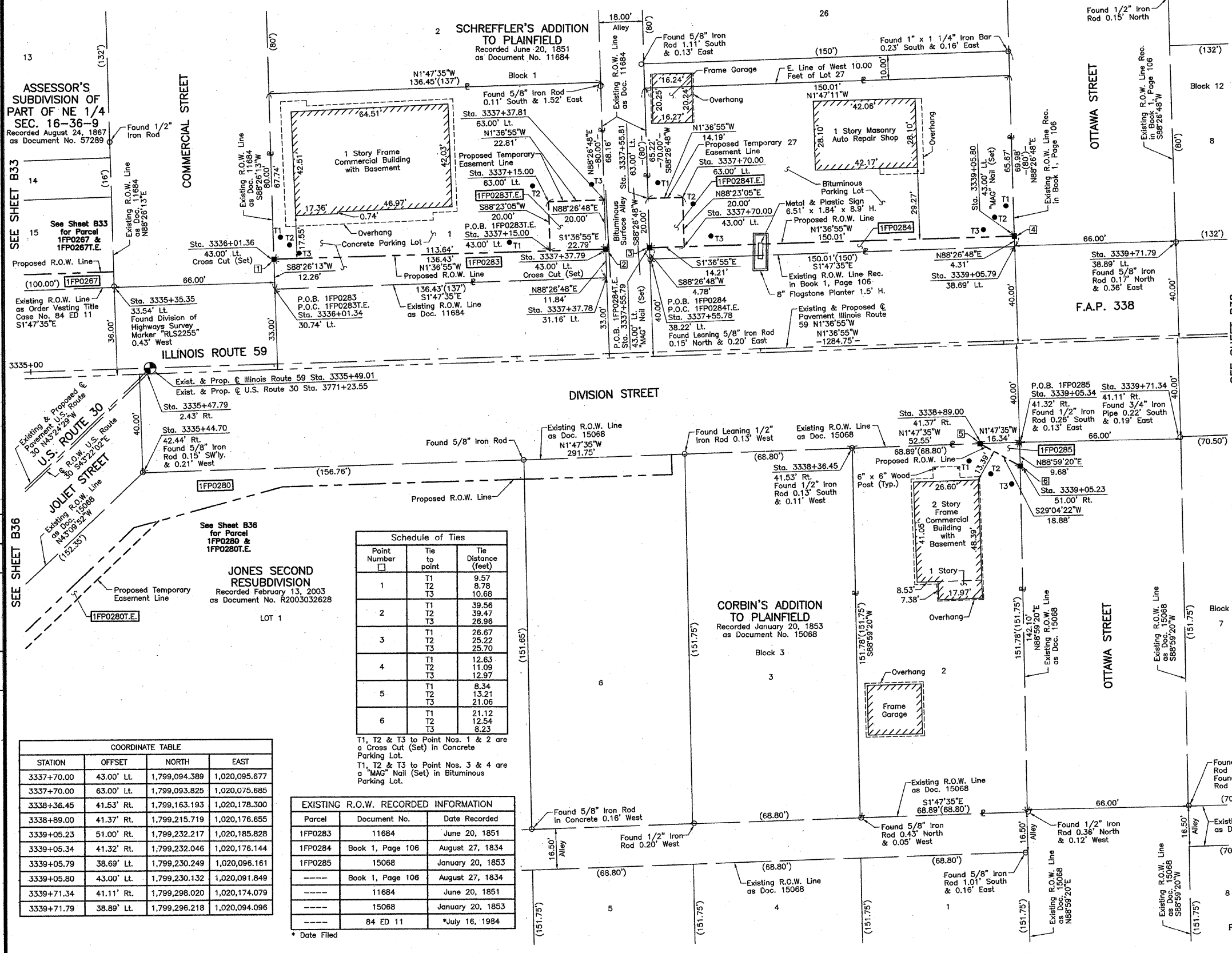
PART OF THE NW 1/4 OF SEC. 15 AND PART OF THE NE 1/4 OF SEC. 16, TWP. 36 N., R. 9 E. OF THE 3RD. P.M., IN WILL COUNTY, ILLINOIS.

PARCEL NUMBER	OWNER	TOTAL HOLDINGS ACRES	PART TAKEN ACRES	AREA IN EXISTING R.O.W. SQUARE FEET	REMAINDER AREA ACRES	EASEMENT AREA SQUARE FEET	EASEMENT PURPOSE	PERMANENT INDEX NUMBER	PROPERTY ACQUIRED BY
1FP0283 1FP0283T.E.	Richard J. Schmitz, as Trustee of the Richard J. Schmitz Estate Trust dated August 31, 1995	0.251	0.038	N/A	N/A	0.213	0.010	456	Construction Purposes 06-03-16-218-009 06-03-16-218-010
1FP0284 1FP0284T.E.	Thomas M. Raddatz, a married man	0.241	0.016	N/A	N/A	0.225	0.007	284	Construction Purposes 06-03-16-218-005
1FP0285	Scott T. Guzik and Sandra R. Guzik, husband and wife, as joint tenants	0.240	0.002	79	N/A	0.238	N/A	N/A	06-03-15-105-001

LEGEND



- Bearings are referenced to the Illinois Coordinate System NAD83 (1997) East Zone of Found Geodetic Survey Control Monuments "Will County GPS 316", P.I.D. AE2551 and "Will County GPS 333", P.I.D. AE2553.
- IRON PIPE OR ROD FOUND
 - ⊕ "MAG" NAIL SET
 - + CUT CROSS FOUND OR SET
 - 5/8" REBAR SET
 - T1 THESE STAKES REFERENCE FOUND OR SET MONUMENTATION. SET 5/8 INCH IRON ROD FLUSH WITH GROUND TO THE FOUND IRON STAKE. IDENTIFIED BY COLORED PLASTIC CAP BEARING SURVEYORS REGISTRATION NUMBER.
 - T2
 - BT3
 - 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.
 - 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 IRON ROD 20 INCHES BELOW GROUND TO MARK FUTURE SURVEY MARKER POSITION IDENTIFIED BY COLORED PLASTIC CAP BEARING SURVEYORS REGISTRATION NUMBER.
 - PERMANENT SURVEY MARKER, I.D.O.T STD 2135 (TO BE SET BY OTHERS)
 - RIGHT OF WAY STAKING PROPOSED TO BE SET.



ASSESSOR'S SUBDIVISION OF PART OF NE 1/4 SEC. 16-36-9
Recorded August 24, 1867 as Document No. 57289

SEE SHEET B33
BY DATE
MADE CHECKED INKED
ROW PLAT NO
NOTEBOOK NO

Point Number	Tie to point	Tie Distance (feet)
1	T1	9.57
	T2	8.78
	T3	10.68
2	T1	39.56
	T2	39.47
	T3	26.96
3	T1	26.67
	T2	25.22
	T3	25.70
4	T1	12.63
	T2	11.09
	T3	12.97
5	T1	8.34
	T2	13.21
	T3	21.06
6	T1	21.12
	T2	12.54
	T3	8.23

T1, T2 & T3 to Point Nos. 1 & 2 are a Cross Cut (Set) in Concrete Parking Lot.
T1, T2 & T3 to Point Nos. 3 & 4 are a "MAG" Nail (Set) in Bituminous Parking Lot.

Parcel	Document No.	Date Recorded
1FP0283	11684	June 20, 1851
1FP0284	Book 1, Page 106	August 27, 1834
1FP0285	15068	January 20, 1853
---	Book 1, Page 106	August 27, 1834
---	11684	June 20, 1851
---	15068	January 20, 1853
---	84 ED 11	*July 16, 1984

STATION	OFFSET	NORTH	EAST
3337+70.00	43.00' Lt.	1,799,094.389	1,020,095.677
3337+70.00	63.00' Lt.	1,799,093.825	1,020,075.685
3338+36.45	41.53' Rt.	1,799,163.193	1,020,178.300
3338+89.00	41.37' Rt.	1,799,215.719	1,020,176.655
3339+05.23	41.32' Rt.	1,799,232.046	1,020,176.144
3339+05.79	38.69' Lt.	1,799,230.249	1,020,096.161
3339+05.80	43.00' Lt.	1,799,230.132	1,020,091.849
3339+71.34	41.11' Rt.	1,799,298.020	1,020,174.079
3339+71.79	38.89' Lt.	1,799,296.218	1,020,094.096

THIS IS TO CERTIFY THAT WE, JORGENSEN & ASSOCIATES, INC., AN ILLINOIS PROFESSIONAL DESIGN FIRM LAND SURVEYING CORPORATION, NUMBER 184-2771, HAVE SURVEYED THE PLAT OF HIGHWAYS SHOWN HEREON BETWEEN SECTION 15, TOWNSHIP 36N., RANGE 9E. AND SECTION 16, TOWNSHIP 36N., RANGE 9E., OF THE THIRD PRINCIPAL MERIDIAN, WILL COUNTY, THAT THE SURVEY IS TRUE AND COMPLETE AS SHOWN TO THE BEST OF MY KNOWLEDGE AND BELIEF, THAT THE PLAT CORRECTLY REPRESENTS SAID SURVEY, THAT ALL MONUMENTS FOUND AND ESTABLISHED ARE OF PERMANENT QUALITY AND OCCUPY THE POSITIONS SHOWN THEREON AND THAT THE MONUMENTS ARE SUFFICIENT TO ENABLE THE SURVEY TO BE RETRACED. MADE FOR THE DEPARTMENT OF TRANSPORTATION, STATE OF ILLINOIS.

DATED AT LAKE VILLA, ILLINOIS THIS 30th DAY OF September 20, 2010 A.D.



Christian H. Jorgensen, PRESIDENT
ILLINOIS PROFESSIONAL LAND SURVEYOR NO. 35-2797
LICENSE EXPIRATION DATE: NOVEMBER 30, 2006
THIS PROFESSIONAL SERVICE CONFORMS TO THE CURRENT ILLINOIS MINIMUM STANDARDS FOR A BOUNDARY SURVEY.
Coordinates are based on the Published Metric Coordinate Values at Found Geodetic Survey Control Monument "Will County GPS 333", P.I.D. AE2553, of N.542,285.095-E.311,129.617.
NOTE: SURFACE COORDINATES ARE SHOWN.

STATION	OFFSET	NORTH	EAST
3335+35.35	33.54' Lt.	1,798,860.095	1,020,111.751
3335+44.70	42.44' Rt.	1,798,871.589	1,020,187.428
3335+47.79	2.43' Rt.	1,798,873.552	1,020,147.348
3336+01.34	30.74' Lt.	1,798,926.145	1,020,112.685
3336+01.36	43.00' Lt.	1,798,925.811	1,020,100.430
3337+15.00	43.00' Lt.	1,799,039.410	1,020,097.227
3337+15.00	63.00' Lt.	1,799,038.847	1,020,077.235
3337+37.78	31.16' Lt.	1,799,062.511	1,020,108.416
3337+37.79	43.00' Lt.	1,799,062.190	1,020,096.585
3337+37.81	63.00' Lt.	1,799,061.648	1,020,076.592
3337+55.78	38.22' Lt.	1,799,080.313	1,020,100.855
3337+55.79	43.00' Lt.	1,799,080.183	1,020,096.077
3337+55.81	63.00' Lt.	1,799,079.641	1,020,076.085

JORGENSEN & ASSOCIATES, INC.
120 PARK AVENUE
LAKE VILLA, ILLINOIS 60046
(847) 356-3371

PLAT OF HIGHWAYS
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
F.A.P. 338 (ILLINOIS ROUTE 59)
SECTION 15 WILL COUNTY
PROJECT JOB NO. R-91-067-01
STATION 3335+00 TO STATION 3340+00
SCALE: 1"=20' SHEET B37 OF B58

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

PART OF THE NW 1/4 OF SEC. 15 AND PART OF THE NE 1/4 OF SEC. 16, TWP. 36 N., R. 9 E. OF THE 3RD. P.M., IN WILL COUNTY, ILLINOIS.

PARCEL NUMBER	OWNER	TOTAL HOLDINGS ACRES	PART TAKEN SQUARE FEET	AREA IN EXISTING R.O.W. ACRES	REMAINDER AREA ACRES	EASEMENT AREA ACRES	EASEMENT PURPOSE	PERMANENT INDEX NUMBER	PROPERTY ACQUIRED BY
1FP0287	NMJ Enterprises, LLC, an Illinois Limited Liability Company	0.303	0.012	N/A	0.291	N/A	N/A	06-03-16-214-009	
1FP0288	Michael E. English, a married person	0.242	0.005	234	N/A	N/A	N/A	06-03-16-214-004	
1FP0289	Barry L. Hafenrichter and Vicki L. Hafenrichter, his wife, in joint tenancy	0.154	0.006	240	N/A	N/A	N/A	06-03-16-214-003	
1FP0290	NLSB as Trustee under Trust Agreement dated June 1, 1999 known as Trust No. 2345	0.360	0.001	40	N/A	N/A	N/A	06-03-15-101-001	

LEGEND

SECTION CORNER 910 1615

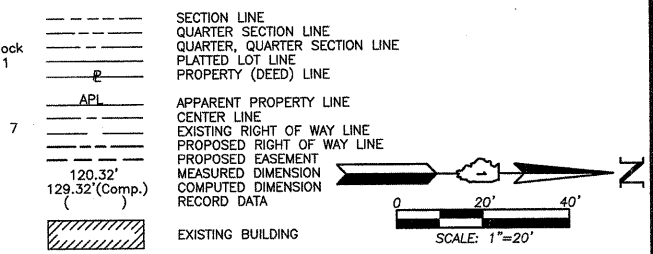
QUARTER SECTION CORNER 16 15

SECTION 113 N-2

CONTRACT NO. 60E73

TOTAL SHEETS 136

SHEET NO. 136



- Bearings are referenced to the Illinois Coordinate System NAD83 (1997) East Zone at Found Geodetic Survey Control Monuments "Will County GPS 316", P.I.D. AE2551 and "Will County GPS 333", P.I.D. AE2553.
- IRON PIPE OR ROD FOUND
 - ⊕ "MAG" NAIL SET
 - + CUT CROSS FOUND OR SET
 - 5/8" REBAR SET
 - T1 THESE STAKES REFERENCE FOUND OR SET MONUMENTATION. SET 5/8 INCH IRON ROD FLUSH WITH GROUND TO THE FOUND IRON STAKE. IDENTIFIED BY COLORED PLASTIC CAP BEARING SURVEYORS REGISTRATION NUMBER.
 - T2
 - T3
 - BT1 THESE STAKES, IN CULTIVATED AREAS, REFERENCE FOUND OR SET MONUMENTATION. BURIED 5/8 INCH IRON ROD 20 INCHES BELOW GROUND TO THE FOUND IRON STAKE. IDENTIFIED BY COLORED PLASTIC CAP BEARING SURVEYORS REGISTRATION NUMBER.
 - BT2
 - BT3
 - STAKING OF PROPOSED RIGHT OF WAY. SET DIVISION OF HIGHWAYS SURVEY MARKER TO MONUMENT THE POSITION SHOWN. IDENTIFIED BY INSCRIPTION DATA AND SURVEYORS REGISTRATION NUMBER.
 - M STAKING OF PROPOSED RIGHT OF WAY IN CULTIVATED AREAS. BURIED 5/8 INCH IRON ROD 20 INCHES BELOW GROUND TO MARK FUTURE SURVEY MARKER POSITION IDENTIFIED BY COLORED PLASTIC CAP BEARING SURVEYORS REGISTRATION NUMBER.
 - PERMANENT SURVEY MARKER, I.D.O.T STD 2135 (TO BE SET BY OTHERS)
 - RIGHT OF WAY STAKING PROPOSED TO BE SET.

STATE OF ILLINOIS } SS
 COUNTY OF LAKE }
 THIS IS TO CERTIFY THAT WE, JORGENSEN & ASSOCIATES, INC., AN ILLINOIS PROFESSIONAL DESIGN FIRM LAND SURVEYING CORPORATION, NUMBER 184-2771, HAVE SURVEYED THE PLAT OF HIGHWAYS SHOWN HEREON BETWEEN SECTION 15, TOWNSHIP 36N., RANGE 9E. AND SECTION 16, TOWNSHIP 36N., RANGE 9E., OF THE THIRD PRINCIPAL MERIDIAN, WILL COUNTY, THAT THE SURVEY IS TRUE AND COMPLETE AS SHOWN TO THE BEST OF MY KNOWLEDGE AND BELIEF, THAT THE PLAT CORRECTLY REPRESENTS SAID SURVEY, THAT ALL MONUMENTS FOUND AND ESTABLISHED ARE OF PERMANENT QUALITY AND OCCUPY THE POSITIONS SHOWN THEREON AND THAT THE MONUMENTS ARE SUFFICIENT TO ENABLE THE SURVEY TO BE RETRACED. MADE FOR THE DEPARTMENT OF TRANSPORTATION, STATE OF ILLINOIS.
 DATED AT LAKE VILLA, ILLINOIS THIS _____ DAY OF _____ 20____ A.D.

PRESIDENT
 ILLINOIS PROFESSIONAL LAND SURVEYOR NO. 35-2797
 LICENSE EXPIRATION DATE: NOVEMBER 30, 2006
 THIS PROFESSIONAL SERVICE CONFORMS TO THE CURRENT ILLINOIS MINIMUM STANDARDS FOR A BOUNDARY SURVEY.
 Coordinates are based on the Published Metric Coordinate Values at Found Geodetic Survey Control Monument "Will County GPS 333", P.I.D. AE2553, of N.542,285.095-E.311,129.617.
 NOTE: SURFACE COORDINATES ARE SHOWN.

COORDINATE TABLE			
STATION	OFFSET	NORTH	EAST
3339+05.34	41.32' Rt.	1,799,232.046	1,020,176.144
3339+05.79	38.69' Lt.	1,799,230.249	1,020,096.161
3339+71.34	41.11' Rt.	1,799,298.020	1,020,174.079
3339+71.79	38.89' Lt.	1,799,296.218	1,020,094.096
3339+71.80	50.00' Lt.	1,799,295.917	1,020,082.991
3339+79.00	43.00' Lt.	1,799,303.306	1,020,089.786
3341+03.80	39.30' Lt.	1,799,428.162	1,020,089.965
3341+21.80	39.36' Lt.	1,799,446.153	1,020,089.402
3341+21.81	43.00' Lt.	1,799,446.055	1,020,085.760
3341+22.52	40.64' Rt.	1,799,449.126	1,020,169.348
3341+87.81	39.56' Lt.	1,799,512.125	1,020,087.337
3341+87.81	43.00' Lt.	1,799,512.033	1,020,083.900

JORGENSEN & ASSOCIATES, INC.
 120 PARK AVENUE
 LAKE VILLA, ILLINOIS 60046
 (847) 356-3371

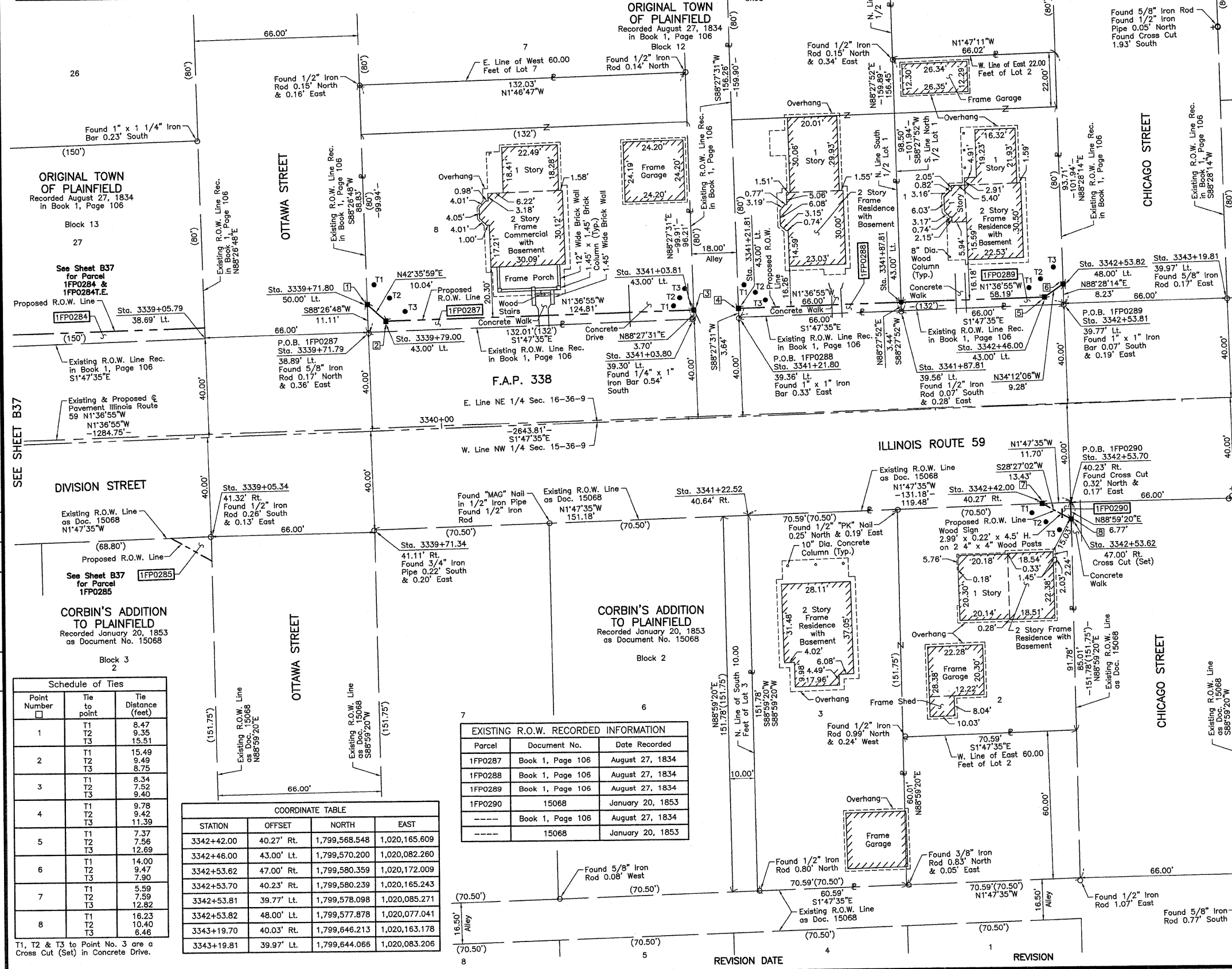
SHEET 1 IS A COVER SHEET AND IS NOT RECORDED.

PLAT OF HIGHWAYS
 STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION
 F.A.P. 338 (ILLINOIS ROUTE 59)

SECTION 113 N-2
 PROJECT JOB NO. R-91-067-01
 STATION TO STATION 3344+00
 SCALE: 1"=20'
 SHEET B38 OF B58

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

MADE BY



ROW	PLAT	MADE	INDEXED	DATE

Schedule of Ties		
Point Number	Tie to point	Tie Distance (feet)
1	T1	8.47
	T2	9.35
	T3	15.51
2	T1	15.49
	T2	9.49
	T3	8.75
3	T1	8.34
	T2	7.52
	T3	9.40
4	T1	9.78
	T2	9.42
	T3	11.39
5	T1	7.37
	T2	7.56
	T3	12.69
6	T1	14.00
	T2	9.47
	T3	7.90
7	T1	5.59
	T2	7.59
	T3	12.82
8	T1	16.23
	T2	10.40
	T3	6.46

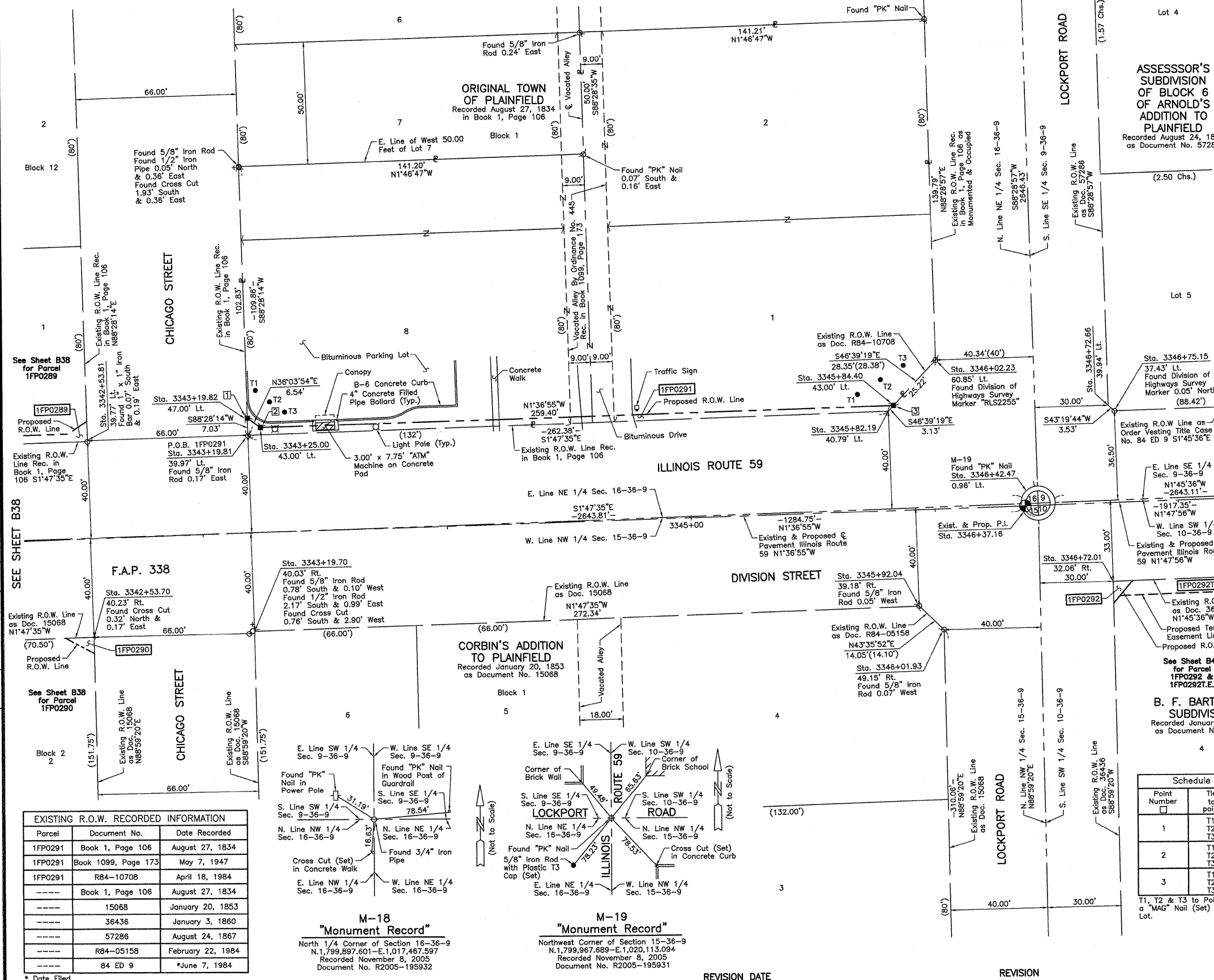
T1, T2 & T3 to Point No. 3 are a Cross Cut (Set) in Concrete Drive.

COORDINATE TABLE			
STATION	OFFSET	NORTH	EAST
3342+42.00	40.27' Rt.	1,799,568.548	1,020,165.609
3342+46.00	43.00' Lt.	1,799,570.200	1,020,082.260
3342+53.62	47.00' Rt.	1,799,580.359	1,020,172.009
3342+53.70	40.23' Rt.	1,799,580.239	1,020,165.243
3342+53.81	39.77' Lt.	1,799,578.098	1,020,085.271
3342+53.82	48.00' Lt.	1,799,577.878	1,020,077.041
3343+19.70	40.03' Rt.	1,799,646.213	1,020,163.178
3343+19.81	39.97' Lt.	1,799,644.066	1,020,083.206

EXISTING R.O.W. RECORDED INFORMATION			
Parcel	Document No.	Date Recorded	
1FP0287	Book 1, Page 106	August 27, 1834	
1FP0288	Book 1, Page 106	August 27, 1834	
1FP0289	Book 1, Page 106	August 27, 1834	
1FP0290	15068	January 20, 1853	
---	Book 1, Page 106	August 27, 1834	
---	15068	January 20, 1853	

PART OF THE SE 1/4 OF SEC. 9, PART OF THE SW 1/4 OF SEC. 10, PART OF THE NW 1/4 SEC. 15 AND PART OF THE NE 1/4 OF SEC. 16, TWP. 36 N., R. 9 E. OF THE 3RD. P.M., IN WILL COUNTY, ILLINOIS.

PARCEL NUMBER	OWNER	TOTAL HOLDINGS ACRES	PART TAKEN ACRES	AREA IN EXISTING R.O.W. ACRES	REMAINDER AREA ACRES	EASEMENT AREA ACRES	EASEMENT PURPOSE	PERMANENT INDEX NUMBER	PROPERTY ACQUIRED BY
1FP0291	First Midwest Bank as Trustee under the provisions of a trust agreement dated the 5th day of April, 2005 known as Trust Number 8174	0.869	0.016	N/A	0.853	N/A	N/A	06-03-16-211-008 06-03-16-211-010 06-03-16-211-011	



LEGEND

SECTION CORNER
QUARTER SECTION CORNER
SECTION 113 N-2
CONTRACT NO. 60E73

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

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

EXISTING BUILDING

Bearings are referenced to the Illinois Coordinate System NAD83 (1997) East Zone of Found Geodetic Survey Control Monuments "Will County GPS 316", P.I.D. AE2551 and "Will County GPS 333", P.I.D. AE2553.

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

STATE OF ILLINOIS }
COUNTY OF LAKE }

THIS IS TO CERTIFY THAT WE, JORGENSEN & ASSOCIATES, INC., AN ILLINOIS PROFESSIONAL DESIGN FIRM LAND SURVEYING CORPORATION, NUMBER 184-2771, HAVE SURVEYED THE PLAT OF HIGHWAYS SHOWN HEREON BETWEEN SECTION 9, TOWNSHIP 36N., RANGE 9E. AND SECTION 16, TOWNSHIP 36N., RANGE 9E., OF THE THIRD PRINCIPAL MERIDIAN, WILL COUNTY, THAT THE SURVEY IS TRUE AND COMPLETE AS SHOWN TO THE BEST OF MY KNOWLEDGE AND BELIEF, THAT THE PLAT CORRECTLY REPRESENTS SAID SURVEY, THAT ALL MONUMENTS FOUND AND ESTABLISHED ARE OF PERMANENT QUALITY AND OCCUPY THE POSITIONS SHOWN THEREON AND THAT THE MONUMENTS ARE SUFFICIENT TO ENABLE THE SURVEY TO BE RETRACED. MADE FOR THE DEPARTMENT OF TRANSPORTATION, STATE OF ILLINOIS.

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

PRESIDENT
ILLINOIS PROFESSIONAL LAND SURVEYOR NO. 35-2797
LICENSE EXPIRATION DATE: NOVEMBER 30, 2006
THIS PROFESSIONAL SERVICE CONFORMS TO THE CURRENT ILLINOIS MINIMUM STANDARDS FOR A BOUNDARY SURVEY.
Coordinates are based on the Published Metric Coordinate Values at Found Geodetic Survey Control Monument "Will County GPS 333", P.I.D. AE2553, of N.542,285.095-E.311,129.617.
NOTE: SURFACE COORDINATES ARE SHOWN.

STATION	OFFSET	NORTH	EAST
3342+53.70	40.23' Rt.	1,799,580.239	1,020,165.243
3342+53.81	39.77' Lt.	1,799,578.098	1,020,085.271
3343+19.70	40.03' Rt.	1,799,646.213	1,020,163.178
3343+19.81	39.97' Lt.	1,799,644.066	1,020,083.206
3343+19.82	47.00' Lt.	1,799,643.878	1,020,078.180
3343+25.00	43.00' Lt.	1,799,649.168	1,020,080.033
3345+82.19	40.79' Lt.	1,799,906.321	1,020,074.996
3345+84.40	43.00' Lt.	1,799,908.468	1,020,072.721
3345+92.04	39.18' Rt.	1,799,918.416	1,020,154.656
3346+01.93	49.15' Rt.	1,799,928.588	1,020,164.342
3346+02.23	60.85' Lt.	1,799,925.781	1,020,054.377
3346+72.01	32.06' Rt.	1,799,998.280	1,020,145.170
3346+72.66	39.94' Lt.	1,799,996.642	1,020,073.186
3346+75.15	37.43' Lt.	1,799,999.210	1,020,075.608

JORGENSEN & ASSOCIATES, INC.
120 PARK AVENUE
LAKE VILLA, ILLINOIS 60046
(847) 356-3371

SHEET 1 IS A COVER SHEET AND IS NOT RECORDED.

PLAT OF HIGHWAYS
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
F.A.P. 338 (ILLINOIS ROUTE 59)

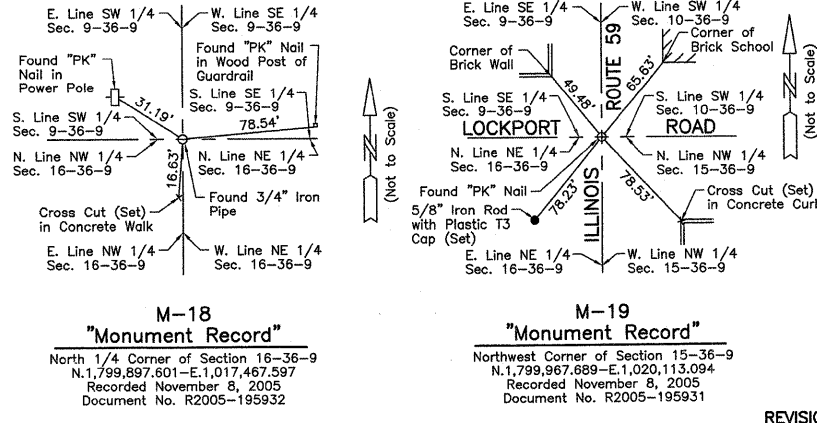
SECTION WILL COUNTY
PROJECT JOB NO. R-91-067-01
STATION 3342+00 TO STATION 3347+00
SCALE: 1"=20' SHEET B39 OF B58

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

EXISTING R.O.W. RECORDED INFORMATION

Parcel	Document No.	Date Recorded
1FP0291	Book 1, Page 106	August 27, 1834
1FP0291	Book 1099, Page 173	May 7, 1947
1FP0291	R84-10708	April 18, 1984
-----	Book 1, Page 106	August 27, 1834
-----	15068	January 20, 1860
-----	36436	January 3, 1860
-----	57286	August 24, 1867
-----	R84-05158	February 22, 1984
-----	84 ED 9	*June 7, 1984

* Date Filed



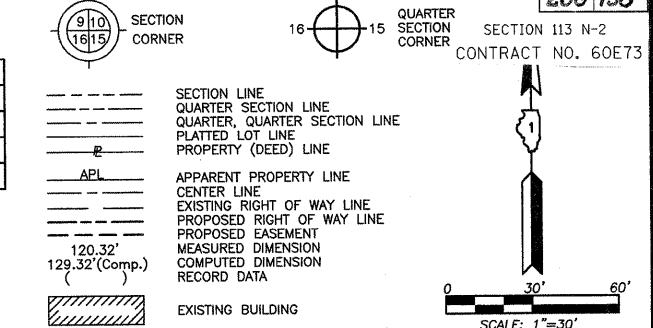
BY	DATE

ROW PLAT MADE CHECKED INKED
NOTEBOOK NO

Schedule of Ties

Point Number	Tie to point	Tie Distance (feet)
1	T1	11.73
	T2	11.23
	T3	15.41
2	T1	15.21
	T2	11.12
	T3	11.74
3	T1	15.33
	T2	11.77
	T3	16.82

T1, T2 & T3 to Point Nos. 1 & 2 are a "MAG" Nail (Set) in Bituminous Parking Lot.



EXISTING R.O.W. RECORDED INFORMATION

Parcel	Document No.	Date Recorded
1FP0292	36436	January 3, 1860
---	Book 1, Page 106	August 27, 1834
---	15068	January 20, 1853
---	36436	January 3, 1860
---	57286	August 24, 1867
---	R83-31870	October 27, 1983
---	R84-05158	February 22, 1984
---	R84-05160	February 22, 1984
---	R84-05161	February 22, 1984
---	84 ED 9	*June 7, 1984
---	84 ED 10	*June 7, 1984

* Date Filed

COORDINATE TABLE

STATION	OFFSET	NORTH	EAST
3349+74.01	32.27' Rt.	1,800,300.115	1,020,135.896
3349+74.47	0.73' Lt.	1,800,299.533	1,020,102.898
3350+61.28	30.67' Lt.	1,800,385.366	1,020,070.246

Schedule of Ties

Point Number	Tie to point	Tie Distance (feet)
1	T1	6.03
	T2	16.96
	T3	20.19
2	T1	15.83
	T2	16.95
	T3	18.34

T1 to Point Nos. 1 & 2 is a Cross Cut (Set) in Concrete Base of Planter.
 T2 to Point Nos. 1 & 2 is the Southwest Corner of Brick School.
 T3 to Point Nos. 1 & 2 is a Cross Cut (Set) in Concrete Wall of Window Well.

- Bearings are referenced to the Illinois Coordinate System NAD83 (1997) East Zone at Found Geodetic Survey Control Monuments "Will County GPS 316", P.I.D. AE2553 and "Will County GPS 333", P.I.D. AE2553.
- IRON PIPE OR ROD FOUND
 - ⊕ "MAG" NAIL SET
 - + CUT CROSS FOUND OR SET
 - 5/8" REBAR SET
 - T1 THESE STAKES REFERENCE FOUND OR SET MONUMENTATION. SET 5/8 INCH IRON ROD FLUSH WITH GROUND TO THE FOUND IRON STAKE. IDENTIFIED BY COLORED PLASTIC CAP BEARING SURVEYORS REGISTRATION NUMBER.
 - T2
 - T3
 - BT1 THESE STAKES, IN CULTIVATED AREAS, REFERENCE FOUND OR SET MONUMENTATION. BURIED 5/8 INCH IRON ROD 20 INCHES BELOW GROUND TO THE FOUND IRON STAKE. IDENTIFIED BY COLORED PLASTIC CAP BEARING SURVEYORS REGISTRATION NUMBER.
 - BT2
 - BT3
 - STAKING OF PROPOSED RIGHT OF WAY. SET DIVISION OF HIGHWAYS SURVEY MARKER TO MONUMENT THE POSITION SHOWN. IDENTIFIED BY INSCRIPTION DATA AND SURVEYORS REGISTRATION NUMBER.
 - M STAKING OF PROPOSED RIGHT OF WAY IN CULTIVATED AREAS. BURIED 5/8 INCH METAL ROD 20 INCHES BELOW GROUND TO MARK FUTURE SURVEY MARKER POSITION IDENTIFIED BY COLORED PLASTIC CAP BEARING SURVEYORS REGISTRATION NUMBER.
 - PERMANENT SURVEY MARKER, I.D.O.T STD 2135 (TO BE SET BY OTHERS)
 - RIGHT OF WAY STAKING PROPOSED TO BE SET.

STATE OF ILLINOIS } SS
 COUNTY OF LAKE }
 THIS IS TO CERTIFY THAT WE, JORGENSEN & ASSOCIATES, INC., AN ILLINOIS PROFESSIONAL DESIGN FIRM LAND SURVEYING CORPORATION, NUMBER 184-2771, HAVE SURVEYED THE PLAT OF HIGHWAYS SHOWN HEREON BETWEEN SECTION 9, TOWNSHIP 36N., RANGE 9E. AND SECTION 16, TOWNSHIP 36N., RANGE 9E., OF THE THIRD PRINCIPAL MERIDIAN, WILL COUNTY, THAT THE SURVEY IS TRUE AND COMPLETE AS SHOWN TO THE BEST OF MY KNOWLEDGE AND BELIEF, THAT THE PLAT CORRECTLY REPRESENTS SAID SURVEY, THAT ALL MONUMENTS FOUND AND ESTABLISHED ARE OF PERMANENT QUALITY AND OCCUPY THE POSITIONS SHOWN THEREON AND THAT THE MONUMENTS ARE SUFFICIENT TO ENABLE THE SURVEY TO BE RETRACED. MADE FOR THE DEPARTMENT OF TRANSPORTATION, STATE OF ILLINOIS.
 DATED AT LAKE VILLA, ILLINOIS THIS ____ DAY OF ____ 20__ A.D.

PRESIDENT
 ILLINOIS PROFESSIONAL LAND SURVEYOR NO. 35-2797
 LICENSE EXPIRATION DATE: NOVEMBER 30, 2006
 THIS PROFESSIONAL SERVICE CONFORMS TO THE CURRENT ILLINOIS MINIMUM STANDARDS FOR A BOUNDARY SURVEY.
 Coordinates are based on the Published Metric Coordinate Values at Found Geodetic Survey Control Monument "Will County GPS 333", P.I.D. AE2553, of N.542,285,095-E.311,129.617.
 NOTE: SURFACE COORDINATES ARE SHOWN.

COORDINATE TABLE

STATION	OFFSET	NORTH	EAST
3345+82.19	40.79' Lt.	1,799,906.321	1,020,074.996
3345+92.04	39.18' Rt.	1,799,918.416	1,020,154.656
3346+01.93	49.15' Rt.	1,799,928.588	1,020,164.342
3346+02.23	60.85' Lt.	1,799,925.781	1,020,054.377
3346+42.47	0.96' Lt.	1,799,967.689	1,020,113.094
3346+71.89	41.00' Rt.	1,799,998.418	1,020,154.106
3346+72.01	32.06' Rt.	1,799,998.260	1,020,145.170
3346+72.66	39.94' Lt.	1,799,996.642	1,020,073.186
3346+74.62	38.00' Rt.	1,800,001.046	1,020,151.022
3346+75.15	37.43' Lt.	1,799,999.210	1,020,075.608
3346+80.00	32.07' Rt.	1,800,006.242	1,020,144.925
3349+12.47	37.27' Lt.	1,800,236.417	1,020,068.320
3349+73.93	38.00' Rt.	1,800,300.216	1,020,141.625

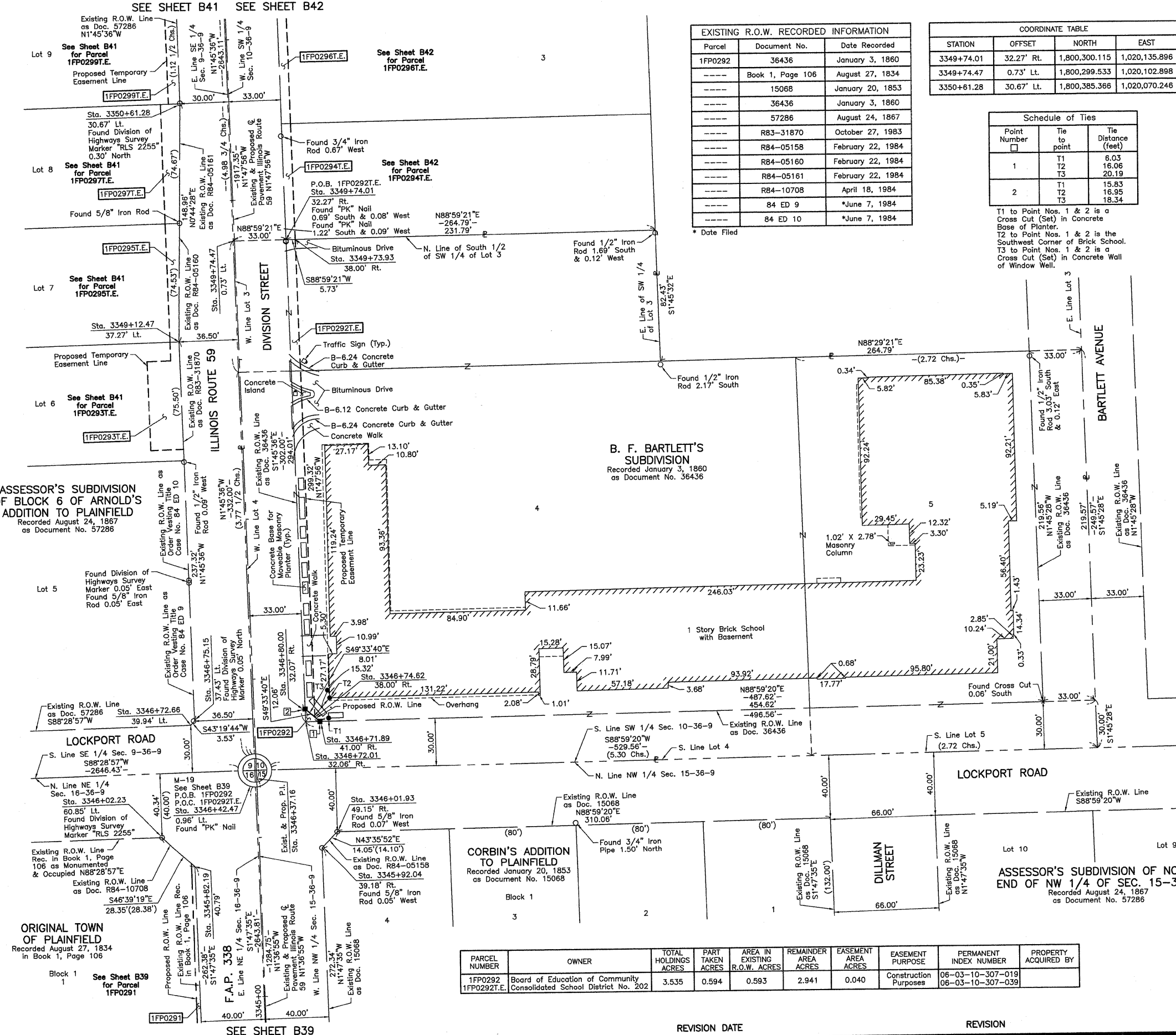
JORGENSEN & ASSOCIATES, INC.
 120 PARK AVENUE
 LAKE VILLA, ILLINOIS 60046 SHEET 1 IS A COVER
 (847) 356-3371 SHEET AND IS NOT RECORDED.

PLAT OF HIGHWAYS
 STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION
 F.A.P. 338 (ILLINOIS ROUTE 59)
 SECTION 3345+00 WILL COUNTY
 PROJECT JOB NO. R-91-067-01
 STATION TO STATION 3351+00
 SCALE: 1"=30' SHEET B40 OF B58

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

PARCEL NUMBER	OWNER	TOTAL HOLDINGS ACRES	PART TAKEN ACRES	AREA IN EXISTING R.O.W. ACRES	REMAINDER AREA ACRES	EASEMENT AREA ACRES	EASEMENT PURPOSE	PERMANENT INDEX NUMBER	PROPERTY ACQUIRED BY
1FP0292	Board of Education of Community Consolidated School District No. 202	3.535	0.594	0.593	2.941	0.040	Construction Purposes	06-03-10-307-019 06-03-10-307-039	

ROW PLAT	DATE	BY
MADE		
CHECKED		
INRCD		
NOTEBOOK		
NO		



ASSESSOR'S SUBDIVISION OF BLOCK 6 OF ARNOLD'S ADDITION TO PLAINFIELD
 Recorded August 24, 1867
 as Document No. 57286

B. F. BARTLETT'S SUBDIVISION
 Recorded January 3, 1860
 as Document No. 36436

CORBIN'S ADDITION TO PLAINFIELD
 Recorded January 20, 1853
 as Document No. 15068

ASSESSOR'S SUBDIVISION OF NORTH END OF NW 1/4 OF SEC. 15-39-9
 Recorded August 24, 1867
 as Document No. 57286

ORIGINAL TOWN OF PLAINFIELD
 Recorded August 27, 1834
 in Book 1, Page 106

PART OF THE SE 1/4 OF SEC. 9 AND PART OF THE SW 1/4 OF SEC. 10, TWP. 36 N., R. 9 E. OF THE 3RD. P.M., IN WILL COUNTY, ILLINOIS.

TOTAL SHEETS 260
SHEET NO. 139

LEGEND

SECTION CORNER 16 15 SECTION CORNER SECTION 113 N-2 CONTRACT NO. 60E73

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

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

EXISTING BUILDING

Bearings are referenced to the Illinois Coordinate System NAD83 (1997) East Zone at Found Geodetic Survey Control Monuments "Will County GPS 316", P.I.D. AE2551 and "Will County GPS 333", P.I.D. AE2553.

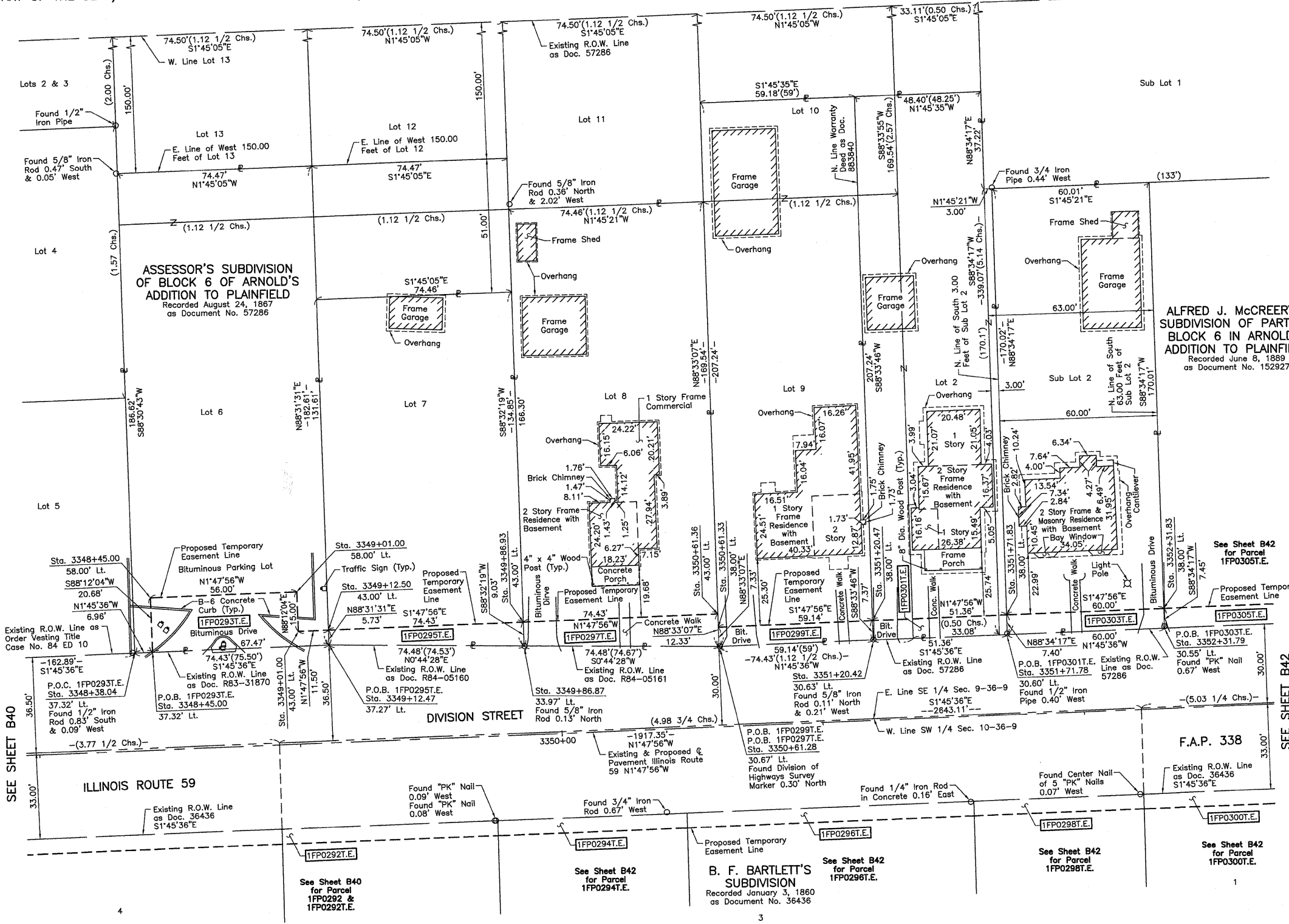
0 20' 40'
SCALE: 1"=20'

○ IRON PIPE OR ROD FOUND
+ CUT CROSS FOUND OR SET
● T1 THESE STAKES REFERENCE FOUND OR SET MONUMENTATION. SET 5/8 INCH IRON ROD FLUSH WITH GROUND TO THE FOUND IRON STAKE, IDENTIFIED BY COLORED PLASTIC CAP BEARING SURVEYORS' REGISTRATION NUMBER.
● BT1 BT2 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.
■ STAKING OF PROPOSED RIGHT OF WAY. SET DIVISION OF HIGHWAYS SURVEY MARKER TO MONUMENT THE POSITION SHOWN, IDENTIFIED BY INSCRIPTION DATA AND SURVEYORS' REGISTRATION NUMBER.
■ M STAKING OF PROPOSED RIGHT OF WAY IN CULTIVATED AREAS. BURIED 5/8 INCH METAL ROD 20 INCHES BELOW GROUND TO MARK FUTURE SURVEY MARKER POSITION IDENTIFIED BY COLORED PLASTIC CAP BEARING SURVEYORS' REGISTRATION NUMBER.
● PERMANENT SURVEY MARKER, I.D.O.T STD 2135 (TO BE SET BY OTHERS)
□ RIGHT OF WAY STAKING PROPOSED TO BE SET.

STATE OF ILLINOIS }
COUNTY OF LAKE }
SS

THIS IS TO CERTIFY THAT WE, JORGENSEN & ASSOCIATES, INC., AN ILLINOIS PROFESSIONAL DESIGN FIRM LAND SURVEYING CORPORATION, NUMBER 184-2771, HAVE SURVEYED THE PLAT OF HIGHWAYS SHOWN HEREON BETWEEN SECTION 9, TOWNSHIP 36N., RANGE 9E. AND SECTION 10, TOWNSHIP 36N., RANGE 9E., OF THE THIRD PRINCIPAL MERIDIAN, WILL COUNTY, THAT THE SURVEY IS TRUE AND COMPLETE AS SHOWN TO THE BEST OF MY KNOWLEDGE AND BELIEF, THAT THE PLAT CORRECTLY REPRESENTS SAID SURVEY, THAT ALL MONUMENTS FOUND AND ESTABLISHED ARE OF PERMANENT QUALITY AND OCCUPY THE POSITIONS SHOWN THEREON AND THAT THE MONUMENTS ARE SUFFICIENT TO ENABLE THE SURVEY TO BE RETRACED. MADE FOR THE DEPARTMENT OF TRANSPORTATION, STATE OF ILLINOIS.

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



DATE	BY	MADE	CHECKED	IN	NO

PRESIDENT
ILLINOIS PROFESSIONAL LAND SURVEYOR NO. 35-2797
LICENSE EXPIRATION DATE: NOVEMBER 30, 2006
THIS PROFESSIONAL SERVICE CONFORMS TO THE CURRENT ILLINOIS MINIMUM STANDARDS FOR A BOUNDARY SURVEY.
Coordinates are based on the Published Metric Coordinate Values at Found Geodetic Survey Control Monument "Will County GPS 333", P.I.D. AE2553, of N.542,285.095-E.311,129.617.
NOTE: SURFACE COORDINATES ARE SHOWN.

STATION	OFFSET	NORTH	EAST
3348+38.04	37.32' Lt.	1,800,162.025	1,020,070.608
3348+45.00	37.32' Lt.	1,800,168.982	1,020,070.392
3348+45.00	58.00' Lt.	1,800,168.333	1,020,049.720
3349+01.00	43.00' Lt.	1,800,224.776	1,020,062.955
3349+01.00	58.00' Lt.	1,800,224.305	1,020,047.962
3349+12.47	37.27' Lt.	1,800,236.417	1,020,068.320
3349+12.50	43.00' Lt.	1,800,236.270	1,020,062.594
3349+86.87	33.97' Lt.	1,800,310.892	1,020,069.283
3349+86.93	43.00' Lt.	1,800,310.662	1,020,060.257
3350+61.28	30.67' Lt.	1,800,385.366	1,020,070.246
3350+61.33	38.00' Lt.	1,800,385.180	1,020,062.919
3350+61.36	43.00' Lt.	1,800,385.054	1,020,057.920
3351+21.42	30.63' Lt.	1,800,444.477	1,020,068.430

PARCEL NUMBER	OWNER	TOTAL HOLDINGS ACRES	PART TAKEN ACRES	AREA IN EXISTING R.O.W. ACRES	REMAINDER AREA ACRES	EASEMENT AREA ACRES	EASEMENT SQUARE FEET	EASEMENT PURPOSE	PERMANENT INDEX NUMBER	PROPERTY ACQUIRED BY
1FP0293T.E.	Village of Plainfield, an Illinois Municipal Corporation	0.312	N/A	N/A	0.312	0.028	N/A	Construction Purposes	06-03-09-408-017	
1FP0295T.E.	Plainfield Public Library, District, Will County, Illinois	0.228	N/A	N/A	0.228	0.013	N/A	Construction Purposes	06-03-09-408-042	
1FP0297T.E.	Sandra L. Kozuh, trustee of the Sandra L. Kozuh Living Trust dated July 29, 1996	0.287	N/A	N/A	0.287	0.018	N/A	Construction Purposes	06-03-09-408-015	
1FP0299T.E.	Karen Rebuehr	0.281	N/A	N/A	0.281	0.010	435	Construction Purposes	06-03-09-408-014	
1FP0301T.E.	James R. Gargano, Jr. and Steven E. Waeghe, as tenants in common	0.242	N/A	N/A	0.242	0.009	379	Construction Purposes	06-03-09-408-013	
1FP0303T.E.	Christopher La Rocco, a married man	0.234	N/A	N/A	0.234	0.010	446	Construction Purposes	06-03-09-408-006	

Parcel	Document No.	Date Recorded
1FP0293	R83-31870	October 27, 1983
1FP0295	R84-05160	February 22, 1984
1FP0297	R84-05161	February 22, 1984
1FP0299	57286	August 24, 1867
1FP0301	57286	August 24, 1867
1FP0303	57286	August 24, 1867
---	36436	January 3, 1860
---	57286	August 24, 1867
---	84 ED 10	*June 7, 1984

STATION	OFFSET	NORTH	EAST
3351+20.47	38.00' Lt.	1,800,444.293	1,020,061.062
3351+71.78	30.60' Lt.	1,800,495.817	1,020,066.852
3351+71.83	38.00' Lt.	1,800,495.633	1,020,059.450
3352+31.79	30.55' Lt.	1,800,555.790	1,020,065.010
3352+31.83	38.00' Lt.	1,800,555.604	1,020,057.566

JORGENSEN & ASSOCIATES, INC.
120 PARK AVENUE
LAKE VILLA, ILLINOIS 60046
(847) 356-3371

SHEET 1 IS A COVER SHEET AND IS NOT RECORDED.

PLAT OF HIGHWAYS
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
F.A.P. 338 (ILLINOIS ROUTE 59)

SECTION 113 N-2
WILL COUNTY
PROJECT JOB NO. R-91-067-01
STATION 3348+00 TO STATION 3353+00
SCALE: 1"=20'
SHEET B41 OF B58

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

PART OF THE SE 1/4 OF SEC. 9 AND PART OF THE SW 1/4 OF SEC. 10, TWP. 36 N., R. 9 E. OF THE 3RD. P.M., IN WILL COUNTY, ILLINOIS.

SEE SHEET B43

PARCEL NUMBER	OWNER	TOTAL HOLDINGS ACRES	PARCEL TAKEN ACRES	AREA IN EXISTING R.O.W. ACRES	REMAINDER AREA ACRES	EASEMENT AREA ACRES	EASEMENT AREA SQUARE FEET	EASEMENT PURPOSE	PERMANENT INDEX NUMBER	PROPERTY ACQUIRED BY
1FP0294T.E.	Thomas E. Graham and Judith O. Graham, his wife in joint tenancy	0.440	N/A	N/A	0.440	0.009	413	Construction Purposes	06-03-10-307-018	
1FP0296T.E.	Lowell H. Bessette and Donna M. Bessette, as joint tenants	0.668	N/A	N/A	0.668	0.014	N/A	Construction Purposes	06-03-10-307-017	
1FP0298T.E.	Thomas Ruane and Margaret Ruane, husband and wife as tenants by the entirety	0.395	N/A	N/A	0.395	0.008	363	Construction Purposes	06-03-10-307-016	
1FP0300T.E.	C & L Management Group, L.L.C., an Illinois limited liability company	0.507	N/A	N/A	0.507	0.011	N/A	Construction Purposes	06-03-10-307-015	
1FP0305T.E.	Betty Kay Pemble and Harold L. Pemble, Jr., wife and husband in joint tenancy	0.257	N/A	N/A	0.257	0.010	454	Construction Purposes	06-03-09-408-005	

LEGEND

SECTION CORNER

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

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

EXISTING BUILDING

QUARTER SECTION CORNER

SECTION 113 N-2
CONTRACT NO. 60E73

SCALE: 1"=20'

BEARINGS ARE REFERENCED TO THE ILLINOIS COORDINATE SYSTEM NAD83 (1997) EAST ZONE AT FOUND GEODETIC SURVEY CONTROL MONUMENTS "WILL COUNTY GPS 316", P.I.D. AE2551 AND "WILL COUNTY GPS 333", P.I.D. AE2553.

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

STATE OF ILLINOIS }
COUNTY OF LAKE }
SS

THIS IS TO CERTIFY THAT WE, JORGENSEN & ASSOCIATES, INC., AN ILLINOIS PROFESSIONAL DESIGN FIRM LAND SURVEYING CORPORATION, NUMBER 184-2771, HAVE SURVEYED THE PLAT OF HIGHWAYS SHOWN HEREON BETWEEN SECTION 9, TOWNSHIP 36N., RANGE 9E. AND SECTION 10, TOWNSHIP 36N., RANGE 9E., OF THE THIRD PRINCIPAL MERIDIAN, WILL COUNTY, THAT THE SURVEY IS TRUE AND COMPLETE AS SHOWN TO THE BEST OF MY KNOWLEDGE AND BELIEF, THAT THE PLAT CORRECTLY REPRESENTS SAID SURVEY, THAT ALL MONUMENTS FOUND AND ESTABLISHED ARE OF PERMANENT QUALITY AND OCCUPY THE POSITIONS SHOWN THEREON AND THAT THE MONUMENTS ARE SUFFICIENT TO ENABLE THE SURVEY TO BE RETRACED. MADE FOR THE DEPARTMENT OF TRANSPORTATION, STATE OF ILLINOIS.
DATED AT LAKE VILLA, ILLINOIS THIS ____ DAY OF ____ 20__ A.D.

PRESIDENT
ILLINOIS PROFESSIONAL LAND SURVEYOR NO. 35-2797
LICENSE EXPIRATION DATE: NOVEMBER 30, 2006
THIS PROFESSIONAL SERVICE CONFORMS TO THE CURRENT ILLINOIS MINIMUM STANDARDS FOR A BOUNDARY SURVEY.
Coordinates are based on the Published Metric Coordinate Values at Found Geodetic Survey Control Monument "Will County GPS 333", P.I.D. AE2553, of N.542,285.095-E.311,129.617.
NOTE: SURFACE COORDINATES ARE SHOWN.

STATION	OFFSET	NORTH	EAST
3349+73.93	38.00' Rt.	1,800,300.216	1,020,141.625
3349+74.01	32.27' Rt.	1,800,300.115	1,020,135.896
3349+74.47	0.73' Lt.	1,800,299.533	1,020,102.898
3350+46.36	38.00' Rt.	1,800,372.612	1,020,139.351
3350+46.44	32.32' Rt.	1,800,372.512	1,020,133.671
3350+46.90	0.68' Lt.	1,800,371.930	1,020,100.673
3350+61.28	30.67' Lt.	1,800,385.366	1,020,070.246
3351+56.30	38.00' Rt.	1,800,482.493	1,020,135.900
3351+56.38	32.39' Rt.	1,800,482.394	1,020,130.295
3351+56.83	0.61' Lt.	1,800,481.812	1,020,097.297
3352+21.23	38.00' Rt.	1,800,547.392	1,020,133.862
3352+21.31	32.44' Rt.	1,800,547.294	1,020,128.300
3352+21.76	0.56' Lt.	1,800,546.712	1,020,095.303

JORGENSEN & ASSOCIATES, INC.
120 PARK AVENUE
LAKE VILLA, ILLINOIS 60046
(847) 356-3371

SHEET 1 IS A COVER SHEET AND IS NOT RECORDED.

PLAT OF HIGHWAYS
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
F.A.P. 338 (ILLINOIS ROUTE 59)

SECTION 9
PROJECT 3349+00
STATION 3349+00
SCALE: 1"=20'

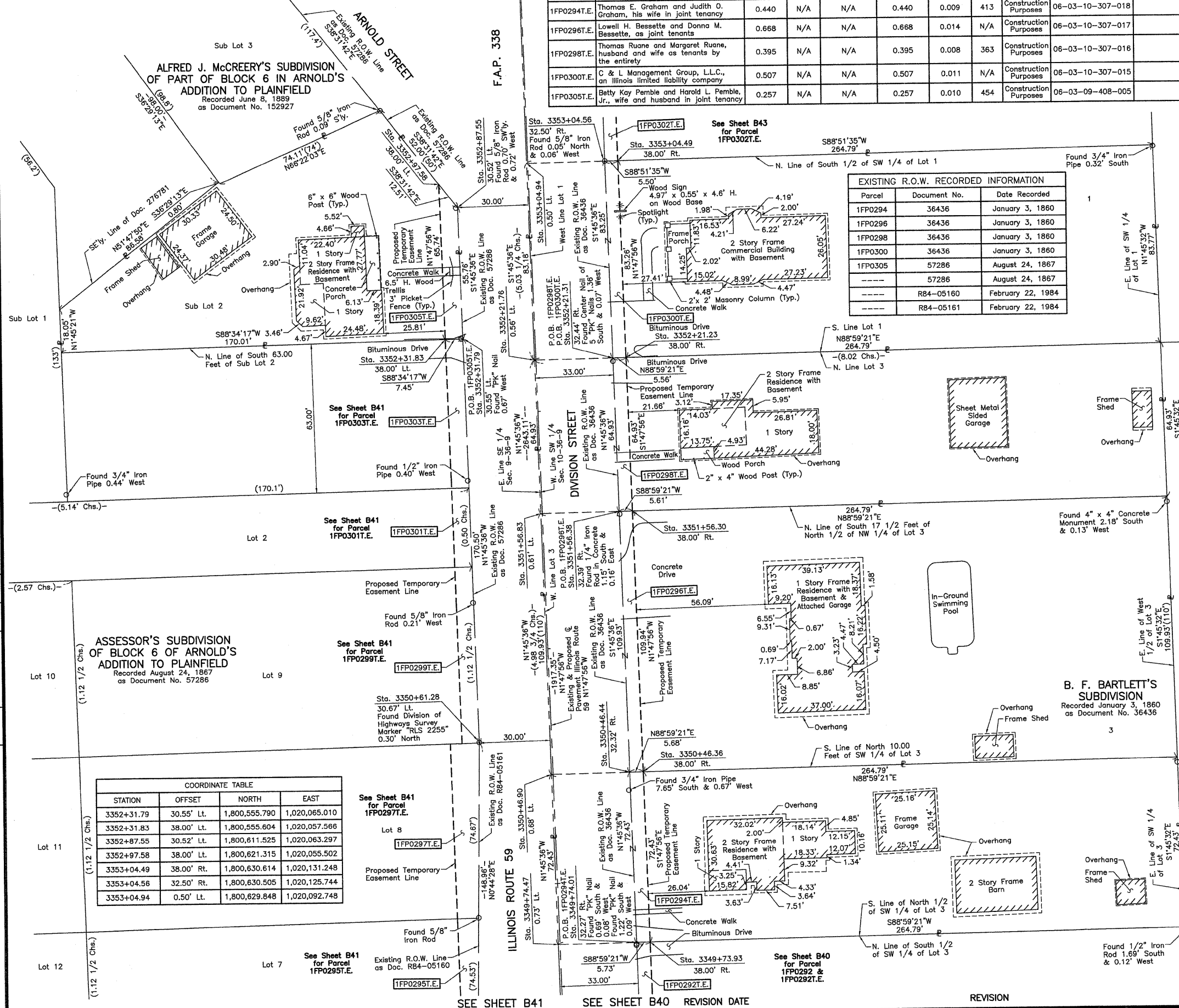
WILL COUNTY
JOB NO. R-91-067-01
TO STATION 3354+00
SHEET B42 OF B58

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

ASSESSOR'S SUBDIVISION OF BLOCK 6 OF ARNOLD'S ADDITION TO PLAINFIELD
Recorded August 24, 1867
as Document No. 57286

STATION	OFFSET	NORTH	EAST
3352+31.79	30.55' Lt.	1,800,555.790	1,020,065.010
3352+31.83	38.00' Lt.	1,800,555.604	1,020,057.568
3352+87.55	30.52' Lt.	1,800,611.525	1,020,063.297
3352+97.58	38.00' Lt.	1,800,621.315	1,020,055.502
3353+04.49	38.00' Rt.	1,800,630.614	1,020,131.248
3353+04.56	32.50' Rt.	1,800,630.505	1,020,125.744
3353+04.94	0.50' Lt.	1,800,629.848	1,020,092.748

ROW PLAT	DATE	BY
MADE		
CHECKED		
INVEST		
NO		



EXISTING R.O.W. RECORDED INFORMATION

Parcel	Document No.	Date Recorded
1FP0294	36436	January 3, 1860
1FP0296	36436	January 3, 1860
1FP0298	36436	January 3, 1860
1FP0300	36436	January 3, 1860
1FP0305	57286	August 24, 1867
---	57286	August 24, 1867
---	R84-05160	February 22, 1984
---	R84-05161	February 22, 1984

PART OF THE SE 1/4 OF SEC. 9 AND PART OF THE SW 1/4 OF SEC. 10, TWP. 36 N., R. 9 E. OF THE 3RD. P.M., IN WILL COUNTY, ILLINOIS.

ALFRED J. McCREERY'S
SUBDIVISION OF PART OF
BLOCK 6 IN ARNOLD'S
ADDITION TO PLAINFIELD
Recorded June 8, 1889
as Document No. 152927

COORDINATE TABLE			
STATION	OFFSET	NORTH	EAST
3355+54.31	32.67' Rt.	1,800,880.137	1,020,118.073
3355+54.46	0.33' Lt.	1,800,879.257	1,020,085.085
3355+77.96	33.32' Lt.	1,800,901.706	1,020,051.379
3356+34.00	32.72' Rt.	1,800,959.792	1,020,115.626
3356+34.00	38.00' Rt.	1,800,959.958	1,020,120.903
3356+43.34	32.73' Rt.	1,800,969.132	1,020,115.339

PARCEL NUMBER	OWNER	TOTAL HOLDINGS ACRES	PART TAKEN ACRES	AREA IN EXISTING R.O.W. ACRES	REMAINDER AREA ACRES	EASEMENT AREA SQUARE FEET	EASEMENT PURPOSE	PERMANENT INDEX NUMBER	PROPERTY ACQUIRED BY
1FP0302T.E.	John L. Abel and Mary L. Abel, husband and wife in joint tenancy	0.507	N/A	N/A	0.507	0.010	456	06-03-10-307-014	
1FP0304T.E.	First Midwest Bank as Trustee under Trust Agreement dated October 29, 2003 known as Trust No. 8009	0.559	N/A	N/A	0.559	0.011	N/A	06-03-10-307-013	
1FP0306T.E.	Charles Weber as sole trustee under Trust Agreement dated September 3, 1970 known as Trust No. 967	0.456	N/A	N/A	0.456	0.009	402	06-03-10-307-012	
1FP0307T.E.	Ronald J. Carey and Dorothy Carey, husband and wife, in Joint Tenancy	0.487	N/A	N/A	0.487	0.010	423	06-03-10-307-011	

LEGEND

SECTION CORNER 910 1615

QUARTER SECTION CORNER 16 15

SECTION 113 N-2
CONTRACT NO. 60E73

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

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

EXISTING BUILDING

Bearings are referenced to the Illinois Coordinate System NAD83 (1997)
East Zone at Found Geodetic Survey Control Monuments "Will County GPS 316", P.I.D. AE2551 and "Will County GPS 333", P.I.D. AE2553.

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

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

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

■ STAKING OF PROPOSED RIGHT OF WAY, SET DIVISION OF HIGHWAYS SURVEY MARKER TO MONUMENT THE POSITION SHOWN. IDENTIFIED BY INSCRIPTION DATA AND SURVEYORS REGISTRATION NUMBER.

■ M STAKING OF PROPOSED RIGHT OF WAY IN CULTIVATED AREAS. BURIED 5/8 INCH METAL ROD 20 INCHES BELOW GROUND TO MARK FUTURE SURVEY MARKER POSITION IDENTIFIED BY COLORED PLASTIC CAP BEARING SURVEYORS REGISTRATION NUMBER.

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

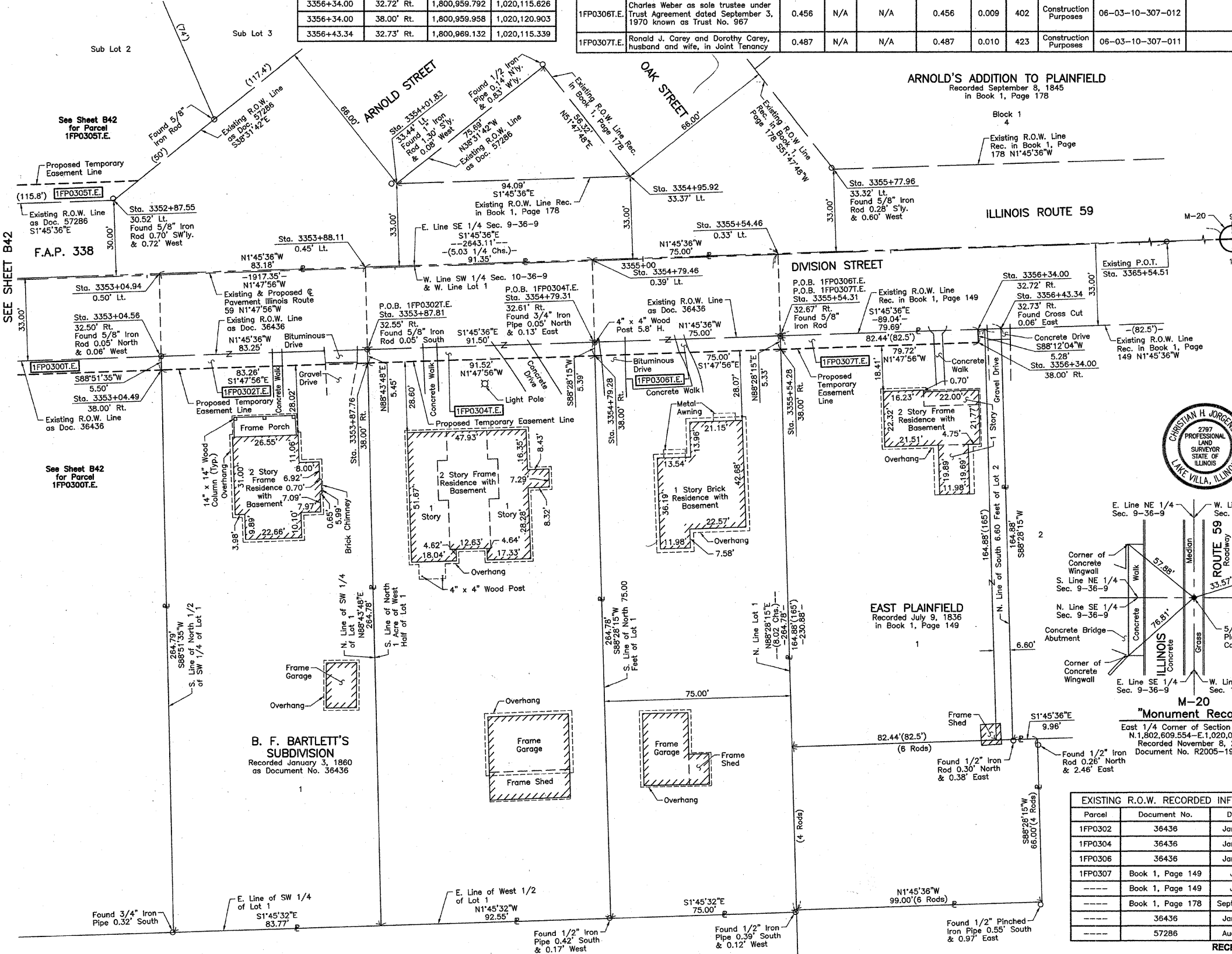
□ RIGHT OF WAY STAKING PROPOSED TO BE SET.

STATE OF ILLINOIS } SS
COUNTY OF LAKE

THIS IS TO CERTIFY THAT WE, JORGENSEN & ASSOCIATES, INC., AN ILLINOIS PROFESSIONAL DESIGN FIRM LAND SURVEYING CORPORATION, NUMBER 184-2771, HAVE SURVEYED THE PLAT OF HIGHWAYS SHOWN HEREON BETWEEN SECTION 9, TOWNSHIP 36N., RANGE 9E. AND SECTION 10, TOWNSHIP 36N., RANGE 9E., OF THE THIRD PRINCIPAL MERIDIAN, WILL COUNTY, THAT THE SURVEY IS TRUE AND COMPLETE AS SHOWN TO THE BEST OF MY KNOWLEDGE AND BELIEF, THAT THE PLAT CORRECTLY REPRESENTS SAID SURVEY, THAT ALL MONUMENTS FOUND AND ESTABLISHED ARE OF PERMANENT QUALITY AND OCCUPY THE POSITIONS SHOWN THEREON AND THAT THE MONUMENTS ARE SUFFICIENT TO ENABLE THE SURVEY TO BE RETRACED. MADE FOR THE DEPARTMENT OF TRANSPORTATION, STATE OF ILLINOIS.

DATED AT LAKE VILLA, ILLINOIS THIS 9th DAY OF November 2005 A.D.

Christian H. Jorgensen
PRESIDENT
ILLINOIS PROFESSIONAL LAND SURVEYOR NO. 35-2797
LICENSE EXPIRATION DATE: NOVEMBER 30, 2008
THIS PROFESSIONAL SERVICE CONFORMS TO THE CURRENT ILLINOIS MINIMUM STANDARDS FOR A BOUNDARY SURVEY.
Coordinates are based on the Published Metric Coordinate Values at Found Geodetic Survey Control Monument "Will County GPS 333", P.I.D. AE2553, of N.542,285.095-E.311,129.617.
NOTE: SURFACE COORDINATES ARE SHOWN.



DATE	BY	MADE	CHECKED	LINKED	NOTEBOOK	NO

EXISTING R.O.W. RECORDED INFORMATION

Parcel	Document No.	Date Recorded
1FP0302	36436	January 3, 1860
1FP0304	36436	January 3, 1860
1FP0306	36436	January 3, 1860
1FP0307	Book 1, Page 149	July 9, 1836
---	Book 1, Page 149	July 9, 1836
---	Book 1, Page 178	September 8, 1845
---	36436	January 3, 1860
---	57286	August 24, 1867

RECEIVED
OCT 11 2005
PLATS & LEGALS
MADE BY

COORDINATE TABLE			
STATION	OFFSET	NORTH	EAST
3352+87.55	30.52' Lt.	1,800,611.525	1,020,063.297
3353+04.49	38.00' Rt.	1,800,630.614	1,020,131.248
3353+04.56	32.50' Rt.	1,800,630.505	1,020,125.744
3353+04.94	0.50' Lt.	1,800,629.848	1,020,092.748
3353+87.76	38.00' Rt.	1,800,713.836	1,020,128.634
3353+87.81	32.55' Rt.	1,800,713.716	1,020,123.187
3353+88.11	0.45' Lt.	1,800,712.984	1,020,090.194
3354+01.83	33.44' Lt.	1,800,725.654	1,020,056.789
3354+79.28	38.00' Rt.	1,800,805.316	1,020,125.760
3354+79.31	32.61' Rt.	1,800,805.172	1,020,120.377
3354+79.46	0.39' Lt.	1,800,804.292	1,020,087.388
3354+95.92	33.37' Lt.	1,800,819.701	1,020,053.899
3355+54.28	38.00' Rt.	1,800,880.280	1,020,123.406

JORGENSEN & ASSOCIATES, INC.
120 PARK AVENUE
LAKE VILLA, ILLINOIS 60046
(847) 356-3371

SHEET 1 IS A COVER SHEET AND IS NOT RECORDED.

PLAT OF HIGHWAYS
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
F.A.P. 338 (ILLINOIS ROUTE 59)

SECTION 9
PROJECT 3352+00
STATION 3352+00
SCALE: 1"=20'

WILL COUNTY
JOB NO. R-91-067-01
TO STATION 3357+00
SHEET B43 OF B58

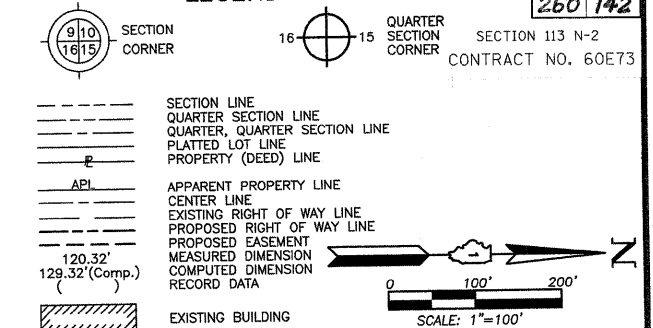
REVISION DATE October 3, 2006

REVISION Ownership Parcel 1FP0306T.E.

PART OF THE SE 1/4 OF SEC. 9, PART OF THE SW 1/4 OF SEC. 10, PART OF THE EAST 1/2 OF SEC. 16, PART OF THE EAST 1/2 OF SEC. 21 AND PART OF THE WEST 1/2 OF SEC. 22, TWP. 36 N., R. 9 E. OF THE 3RD. P.M., IN WILL COUNTY, ILLINOIS.

TOTAL SHEETS 260 SHEET NO. 142

LEGEND



Bearings are referenced to the Illinois Coordinate System NAD83 (1997) East Zone at Found Geodetic Survey Control Monuments "Will County GPS 316", P.I.D. AE2551 and "Will County GPS 333", P.I.D. AE2553.

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

STATE OF ILLINOIS } SS
COUNTY OF LAKE }
THIS IS TO CERTIFY THAT WE, JORGENSEN & ASSOCIATES, INC., AN ILLINOIS PROFESSIONAL DESIGN FIRM LAND SURVEYING CORPORATION, NUMBER 184-2771, HAVE SURVEYED THE PLAT OF HIGHWAYS SHOWN HEREON BETWEEN SECTION 9, TOWNSHIP 36N., RANGE 9E. AND SECTION 22, TOWNSHIP 36N., RANGE 9E., OF THE THIRD PRINCIPAL MERIDIAN, WILL COUNTY, THAT THE SURVEY IS TRUE AND COMPLETE AS SHOWN TO THE BEST OF MY KNOWLEDGE AND BELIEF, THAT THE PLAT CORRECTLY REPRESENTS SAID SURVEY, THAT ALL MONUMENTS FOUND AND ESTABLISHED ARE OF PERMANENT QUALITY AND OCCUPY THE POSITIONS SHOWN THEREON AND THAT THE MONUMENTS ARE SUFFICIENT TO ENABLE THE SURVEY TO BE RETRACED. MADE FOR THE DEPARTMENT OF TRANSPORTATION, STATE OF ILLINOIS.
DATED AT LAKE VILLA, ILLINOIS THIS _____ DAY OF _____ 20____ A.D.

PRESIDENT
ILLINOIS PROFESSIONAL LAND SURVEYOR NO. 35-2797
LICENSE EXPIRATION DATE: NOVEMBER 30, 2006
THIS PROFESSIONAL SERVICE CONFORMS TO THE CURRENT ILLINOIS MINIMUM STANDARDS FOR A BOUNDARY SURVEY.
Coordinates are based on the Published Metric Coordinate Values at Found Geodetic Survey Control Monument "Will County GPS 333", P.I.D. AE2553, of N.542.285.095-E.311.129.617.
NOTE: SURFACE COORDINATES ARE SHOWN.

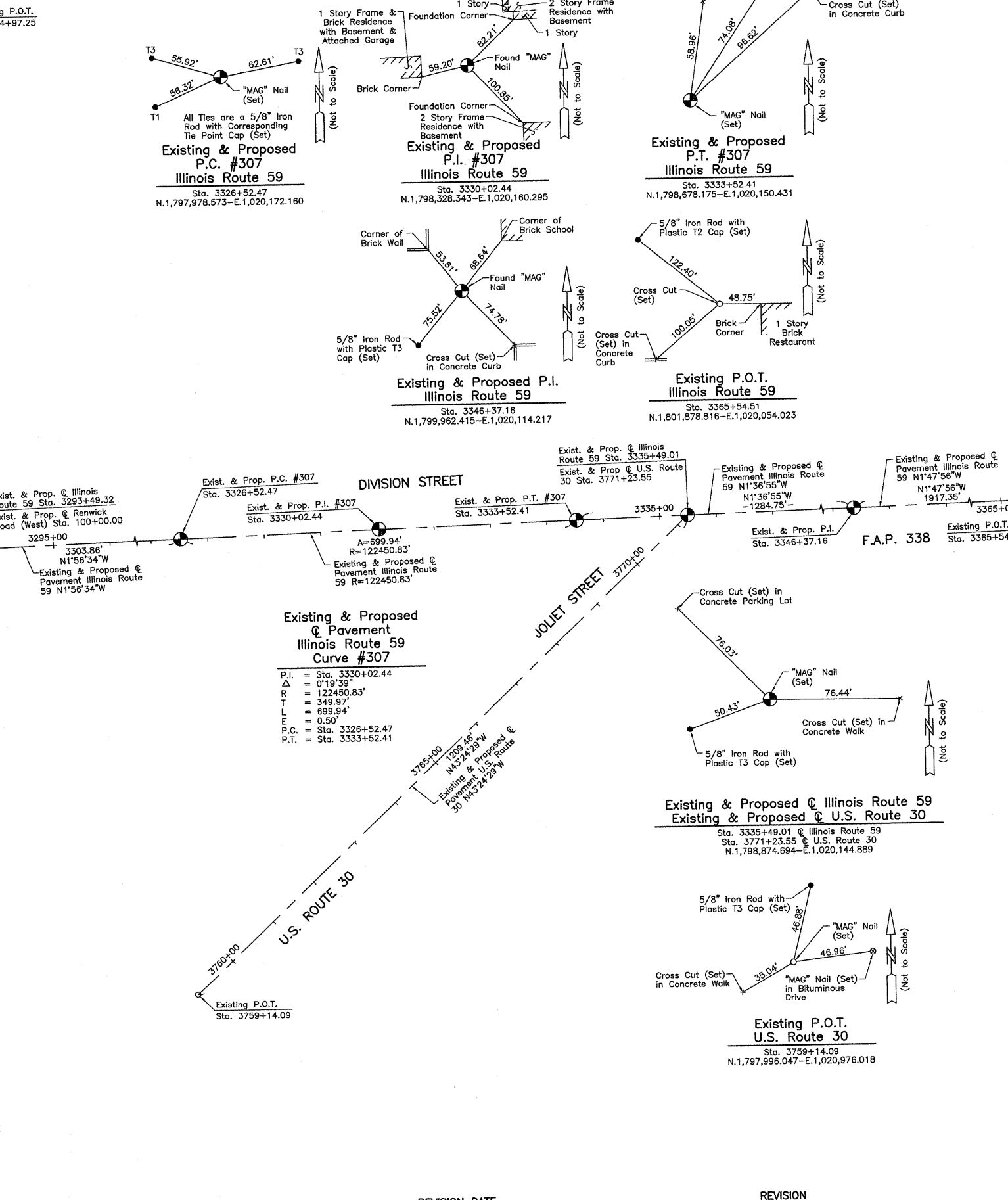
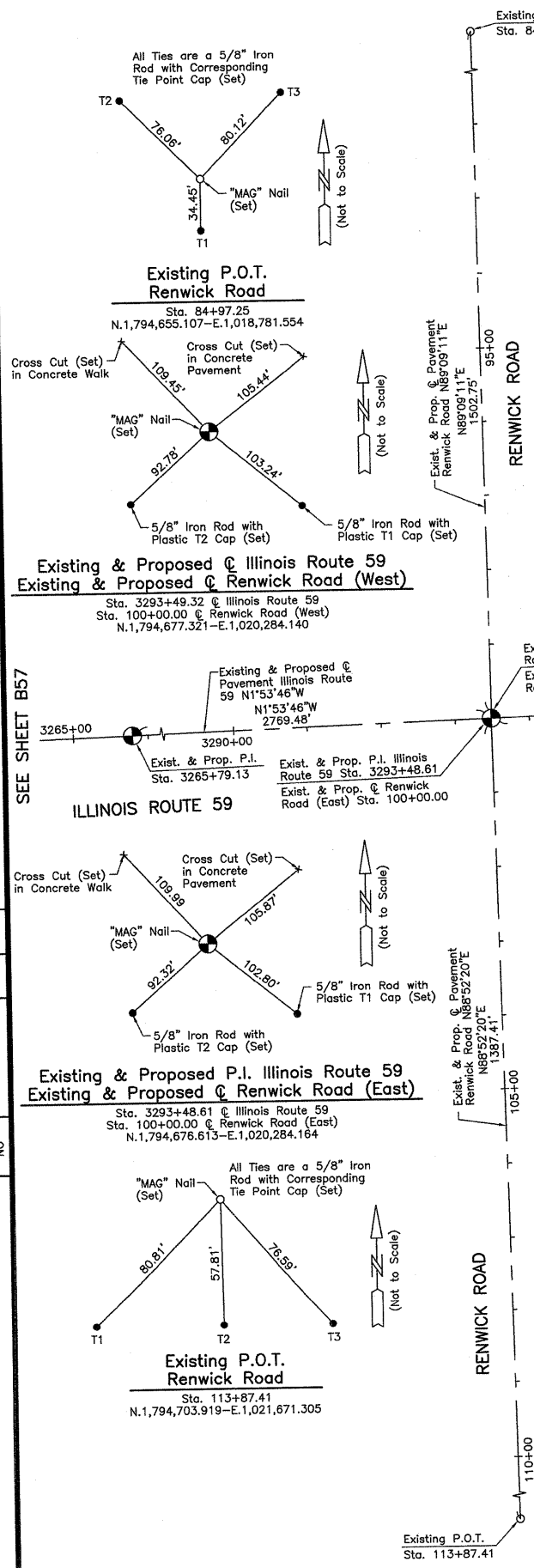
JORGENSEN & ASSOCIATES, INC.
120 PARK AVENUE
LAKE VILLA, ILLINOIS 60046
(847) 356-3371
SHEET 1 IS A COVER SHEET AND IS NOT RECORDED.

PLAT OF HIGHWAYS
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
F.A.P. 338 (ILLINOIS ROUTE 59)

SECTION PROJECT	WILL COUNTY
STATION 84+97.25	JOB NO. R-91-067-01
STATION 3265+00	TO STATION 113+87.41
STATION 3759+14.09	TO STATION 3365+54.51
SCALE: 1"=100'	TO STATION 3771+23.55
	SHEET 858 OF 858

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

AS DOCUMENT NO.



① SPEED LIMIT 30 R2-1-3036

② STOP R1-1-30

③ WEIGHT LIMIT 5 TONS R12-1-2430

④ M3-1-2412 NORTH EAST M3-2-2412
M1-I100-24 ILLINOIS 59 ILLINOIS 30 M1-4-24
M6-3-2115 ↑ → M6-1-2115

⑤ M3-2-2412 EAST SOUTH M3-3-2412
M1-I100-24 ILLINOIS 30 ILLINOIS 59 M1-I100-24
M6-2L-2115 ↙ ↑ M6-3-2115

⑥ S1-1-36
AHEAD W16-9P-2412

⑦ M3-4-2412 WEST NORTH M3-1-2412
M1-I100-24 ILLINOIS 30 ILLINOIS 59 M1-4-24

⑧ NOTE:
USE R3-2-30 FOR CROSS-STREETS/DRIVES,
USE R3-2-36 FOR IL 59/U.S. 30

⑨ M3-2-2412 EAST SOUTH M3-3-2412
M1-4-24 ILLINOIS 30 ILLINOIS 59 M1-I100-24
M5-2L-2115 ↙ ↑ M6-3-2115

⑩ NEWKIRK DR D3 30" X 8"

⑪ IL ROUTE 59 D3 30" X 8"

⑫ R5-2-24

⑬ M3-1-2412 NORTH
M1-I100-24 ILLINOIS 59 ILLINOIS 30 M1-4-24
M6-3-2115 ↑ ↙ M6-6R-2115

⑭ UNION ST D3 19" X 8"

⑮ DO NOT ENTER R5-1-30

⑯ NO OUTLET W14-2-30

⑰ R3-5R-2430

⑱ SOUTH M3-3-2412
ILLINOIS 59 M1-I100-24

⑲ OTTAWA ST D3 20" X 8"

⑳ CHICAGO ST D3 20" X 8"

㉑ M3-2-2412 EAST SOUTH M3-3-2412
M1-4-24 ILLINOIS 30 ILLINOIS 59 M1-I100-24

㉒ JCT M2-1-3015
ILLINOIS 126 M1-I100-36
MAIN STREET SPECIAL 36" X 9" B/W

㉓ ARNOLD ST D3 20" X 8"

㉔ OAK ST D3 20" X 8"

㉕ SCHOOL SPEED LIMIT 20 S4-I100-2448
ON SCHOOL DAYS WHEN CHILDREN ARE PRESENT

㉖ M3-4-2412 WEST NORTH M3-1-2412
M1-4-24 ILLINOIS 30 ILLINOIS 59 M1-I100-24
HISTORIC ROUTE L EXISTING SPECIAL-2430

㉗ W6-3-36

㉘ JCT M2-1-3015
ILLINOIS 59 M1-I100-36

㉙ EAST M3-2-2412
ILLINOIS 30 M1-4-24

㉚ M3-4-2412 WEST NORTH M3-1-2412
M1-4-24 ILLINOIS 30 ILLINOIS 59 M1-I100-24
M6-1-2115 → → M6-1-2115

㉛ ONLY ONLY R3-8-30

㉜ R4-7-2430

㉝ DO NOT BLOCK INTERSECTION EXISTING R10-7-2430

㉞ S1-1-36
W16-7PL-2412

㉟ NO TURN ON RED R10-11b-24
ON SCHOOL DAYS WHEN CHILDREN ARE PRESENT S4-I103-2412

㊱ M3-2-2412 EAST SOUTH M3-3-2412
M1-4-24 ILLINOIS 30 ILLINOIS 59 M1-I100-24
R3-5b-2115 LEFT LANE

㊲ SPEED LIMIT 35 R2-1-3036

㊳ HISTORIC ROUTE L EXISTING SPECIAL-2430
LEFT LANE EXISTING R3-5b-2115

㊴ HISTORIC ROUTE L EXISTING SPECIAL-2430
← M6-1-2115

㊵ BUSINESS DISTRICT EXISTING D4-I101-3018
← EXISTING M6-1-2115 WHITE ON GREEN

㊶ BUSINESS DISTRICT EXISTING D4-I101-3018
→ EXISTING M6-1-2115 WHITE ON GREEN

㊷ HISTORIC ROUTE L EXISTING SPECIAL-2430
↙ M6-2L-2115

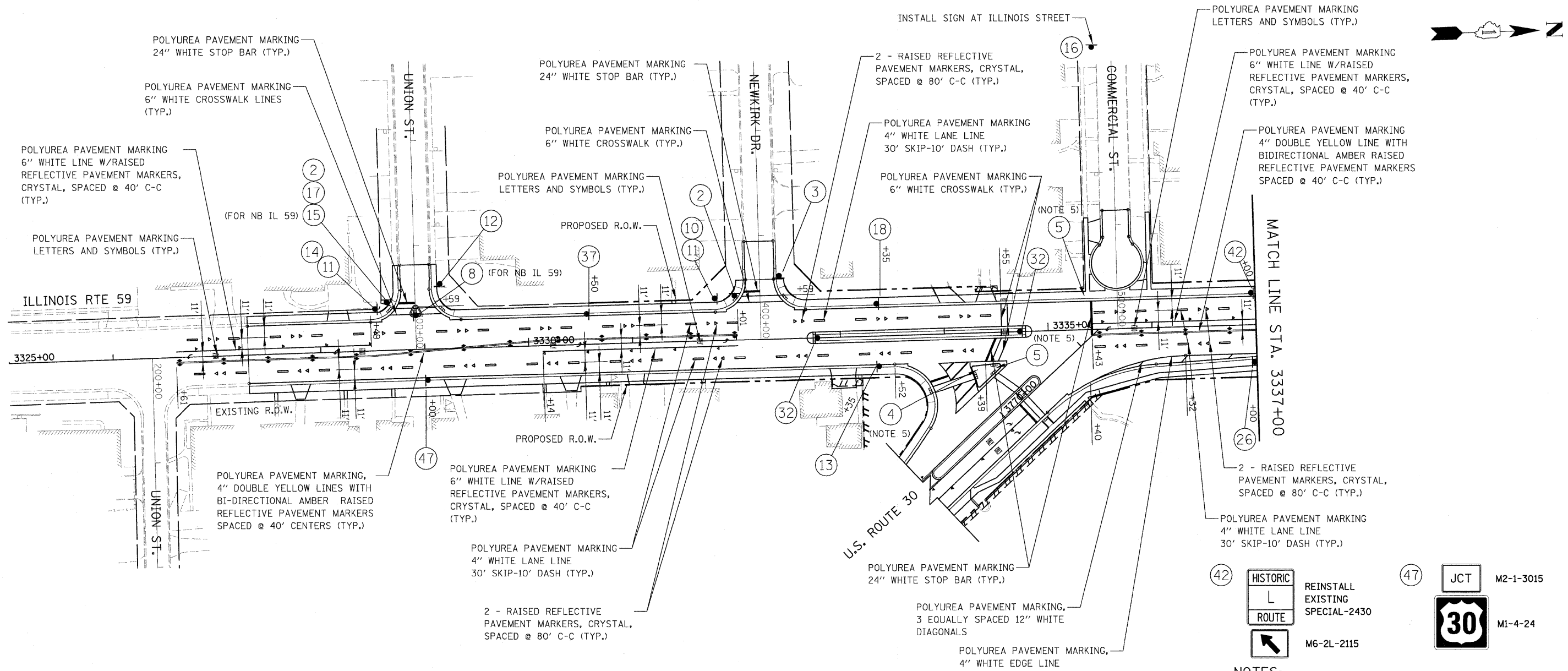
㊸ HISTORIC ROUTE L SPECIAL-2430 BLACK ON WHITE W/ BLUE & RED
↙ M5-2L-2115

㊹ DILLMAN ST D3 30" X 8"

㊺ JOLIET RD D3 30" X 8"

㊻ NO TURN ON RED R10-11b-24

㊼ JCT M2-1-3015
ILLINOIS 30 M1-4-24



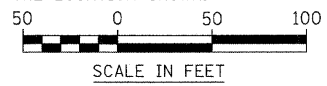
Legend for signs and markings:

- 2: STOP (R1-1-3030)
- 3: WEIGHT LIMIT 5 TONS (R12-1-2430)
- 4: Directional signs (M3-1-2412 NORTH, EAST, M3-2-2412; M1-I100-24 ILLINOIS 59, 30, M1-4-24; M6-3-2115 arrow signs)
- 5: Directional signs (M3-2-2412 EAST, SOUTH, M3-3-2412; M1-4-24 ILLINOIS 30, ILLINOIS 59, M1-I100-24; M6-2L-2115 arrow signs)
- 8: No Left Turn sign (R5-2-2424)
- 10: Street name sign (NEWKIRK DR, D3, 19" X 8")
- 11: Street name sign (IL ROUTE 59, D3, 24" X 8")
- 12: No Right Turn sign (R5-2-2424)
- 13: Directional signs (M3-1-2412 NORTH, M1-I100-24 ILLINOIS 59, 30, M1-4-24; M6-3-2115 arrow signs)
- 14: Street name sign (UNION ST, D3, 18" X 8")
- 15: Do Not Enter sign (R5-1-30)
- 16: No Outlet sign (W14-2-30)
- 17: Right Turn Only sign (R3-5R-2430)
- 18: Directional signs (SOUTH, M3-3-2412; ILLINOIS 59, M1-I100-24)
- 26: Directional signs (WEST, NORTH, M3-1-2412; M1-4-24 ILLINOIS 30, ILLINOIS 59, M1-I100-24; HISTORIC ROUTE signs)
- 32: Right Turn sign (R4-7-2430)
- 37: Speed Limit 35 sign (R2-1-3036)

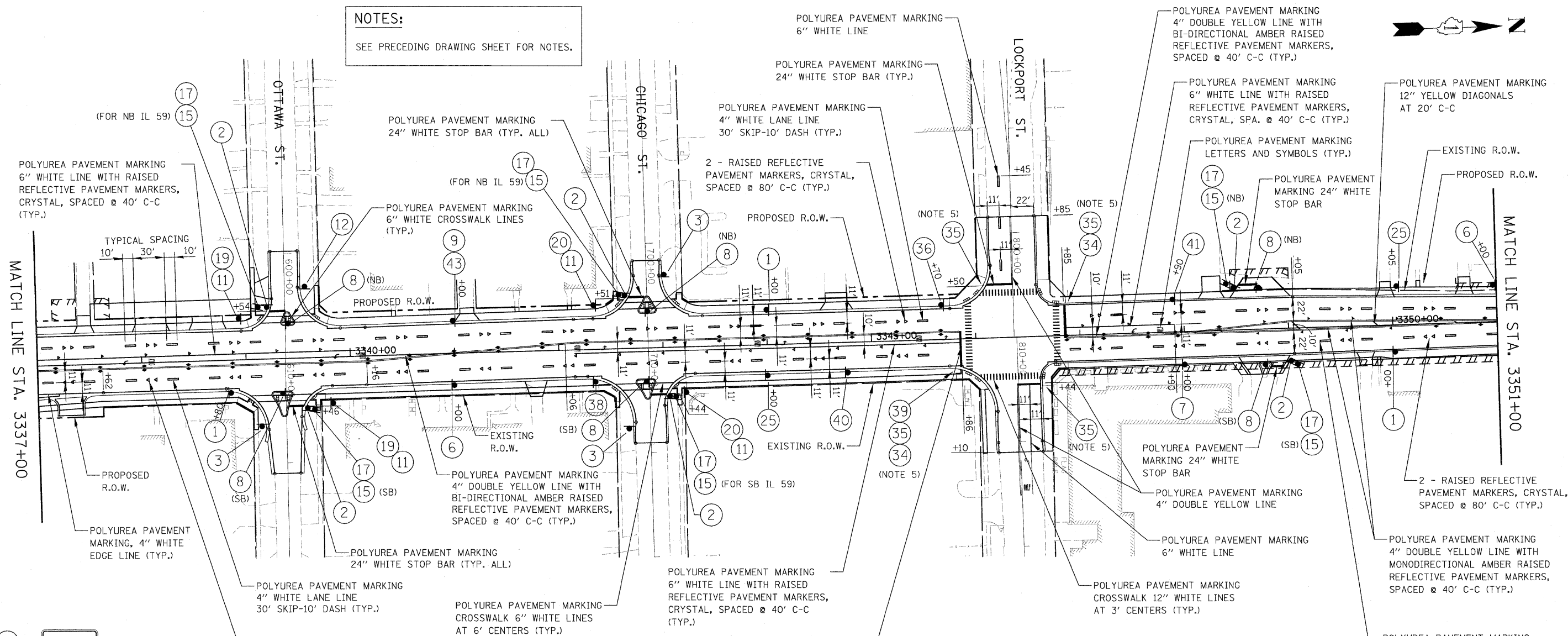
Historic Route and Junction signs:

- 42: HISTORIC ROUTE L (M6-2L-2115)
- 47: JCT M2-1-3015, M1-4-24 (Shield 30)

- NOTES:**
- PAVEMENT MARKINGS AND RAISED REFLECTIVE PAVEMENT MARKINGS SHALL BE PLACED IN ACCORDANCE WITH IDOT DISTRICT 1 DETAILS TC-11 AND TC-13.
 - SIGN LOCATIONS MAY VARY BASED ON FIELD CONDITIONS.
 - ALL EXISTING SIGNS NORTH OF STA. 3356+00 TO ILLINOIS ROUTE 126 SHALL REMAIN UNLESS OTHERWISE NOTED.
 - IN PAVED LOCATIONS WHERE THE INSTALLATION OF THE TELESCOPING STEEL SIGN SUPPORTS IN ACCORDANCE WITH HIGHWAY STANDARD 728001 WILL NOT BE IN CONFLICT WITH UNDERGROUND UTILITIES, THE BASES FOR TELESCOPING STEEL SIGN SUPPORTS (HIGHWAY STANDARD 731001) SHALL BE OMITTED AS DIRECTED BY THE ENGINEER. THE CONTRACTOR SHALL BE RESPONSIBLE TO VERIFY WITH THE ENGINEER THE QUANTITY OF BASES TO BE OMITTED PRIOR TO ORDERING MATERIALS.
 - THESE SIGNS SHALL BE MOUNTED ON THE NEAREST TRAFFIC SIGNAL POLE RELATIVE TO THE LOCATION SHOWN.

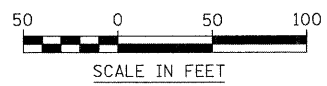


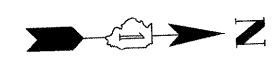
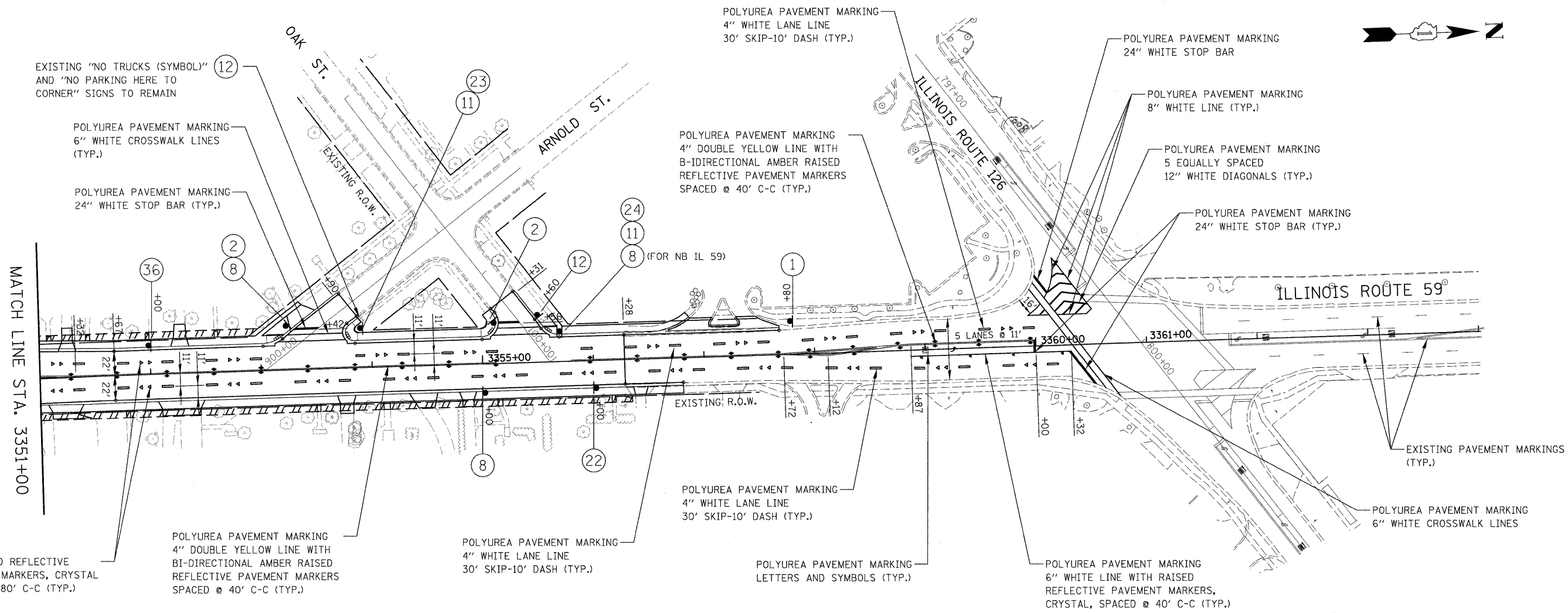
NOTES:
SEE PRECEDING DRAWING SHEET FOR NOTES.



①		R2-1-3036	⑦	M3-4-2412 WEST NORTH M3-1-2412	⑪	IL ROUTE 59 D3 30" X 8"	⑳	CHICAGO ST D3 20" X 8"	⑳		R10-11b-24	⑳		EXISTING SPECIAL-2430	④①		EXISTING D4-1101-3018
②		R1-1-30	M1-1100-24	M1-4-24	⑫		R5-2-24	⑳		S4-1100-2448	⑳		EXISTING SPECIAL-2430	④①		EXISTING M6-1-2115 WHITE ON GREEN	
③		R12-1-2430	⑧		NOTE: USE R3-2-30 FOR CROSS-STREETS/DRIVES, USE R3-2-36 FOR IL 59/U.S. 30	⑮		R5-1-30	⑳		S4-1100-2448	⑳		EXISTING SPECIAL-2430	④①		EXISTING M6-1-2115 WHITE ON GREEN
④		W16-9P-2412	⑨	M3-2-2412 EAST SOUTH M3-3-2412	⑮		R5-1-30	⑳		S4-1100-2448	⑳		EXISTING SPECIAL-2430	④①		EXISTING M6-1-2115 WHITE ON GREEN	
			M1-4-24	M1-1100-24	⑰		R3-5R-2430	⑳		S4-1100-2448	⑳		EXISTING SPECIAL-2430	④①		EXISTING M6-1-2115 WHITE ON GREEN	
			M5-2L-2115	M6-3-2115	⑱	OTTAWA ST D3 20" X 8"		⑳		S4-1100-2448	⑳		EXISTING SPECIAL-2430	④①		EXISTING M6-1-2115 WHITE ON GREEN	
								⑳		S4-1100-2448	⑳		EXISTING SPECIAL-2430	④①		EXISTING M6-1-2115 WHITE ON GREEN	

EXISTING SIGNS ARE LOCATED ON THE WEST SIDE OF ILLINOIS ROUTE 59





EXISTING "NO TRUCKS (SYMBOL)" AND "NO PARKING HERE TO CORNER" SIGNS TO REMAIN

POLYUREA PAVEMENT MARKING
6" WHITE CROSSWALK LINES (TYP.)

POLYUREA PAVEMENT MARKING
24" WHITE STOP BAR (TYP.)

POLYUREA PAVEMENT MARKING
4" WHITE LANE LINE
30' SKIP-10' DASH (TYP.)

POLYUREA PAVEMENT MARKING
4" DOUBLE YELLOW LINE WITH
BI-DIRECTIONAL AMBER RAISED
REFLECTIVE PAVEMENT MARKERS
SPACED @ 40' C-C (TYP.)

POLYUREA PAVEMENT MARKING
24" WHITE STOP BAR

POLYUREA PAVEMENT MARKING
8" WHITE LINE (TYP.)

POLYUREA PAVEMENT MARKING
5 EQUALLY SPACED
12" WHITE DIAGONALS (TYP.)

POLYUREA PAVEMENT MARKING
24" WHITE STOP BAR (TYP.)

MATCH LINE STA. 3351+00

ILLINOIS ROUTE 59

EXISTING R.O.W.

POLYUREA PAVEMENT MARKING
4" WHITE LANE LINE
30' SKIP-10' DASH (TYP.)

EXISTING PAVEMENT MARKINGS (TYP.)

POLYUREA PAVEMENT MARKING
6" WHITE CROSSWALK LINES

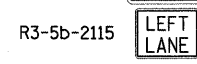
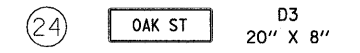
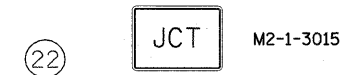
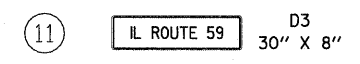
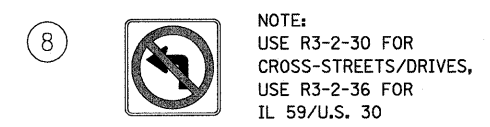
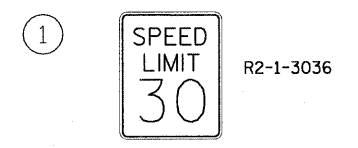
2 - RAISED REFLECTIVE
PAVEMENT MARKERS, CRYSTAL
SPACED @ 80' C-C (TYP.)

POLYUREA PAVEMENT MARKING
4" DOUBLE YELLOW LINE WITH
BI-DIRECTIONAL AMBER RAISED
REFLECTIVE PAVEMENT MARKERS
SPACED @ 40' C-C (TYP.)

POLYUREA PAVEMENT MARKING
4" WHITE LANE LINE
30' SKIP-10' DASH (TYP.)

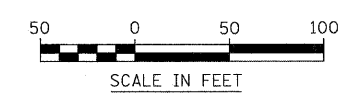
POLYUREA PAVEMENT MARKING
LETTERS AND SYMBOLS (TYP.)

POLYUREA PAVEMENT MARKING
6" WHITE LINE WITH RAISED
REFLECTIVE PAVEMENT MARKERS,
CRYSTAL, SPACED @ 40' C-C (TYP.)

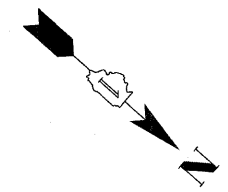
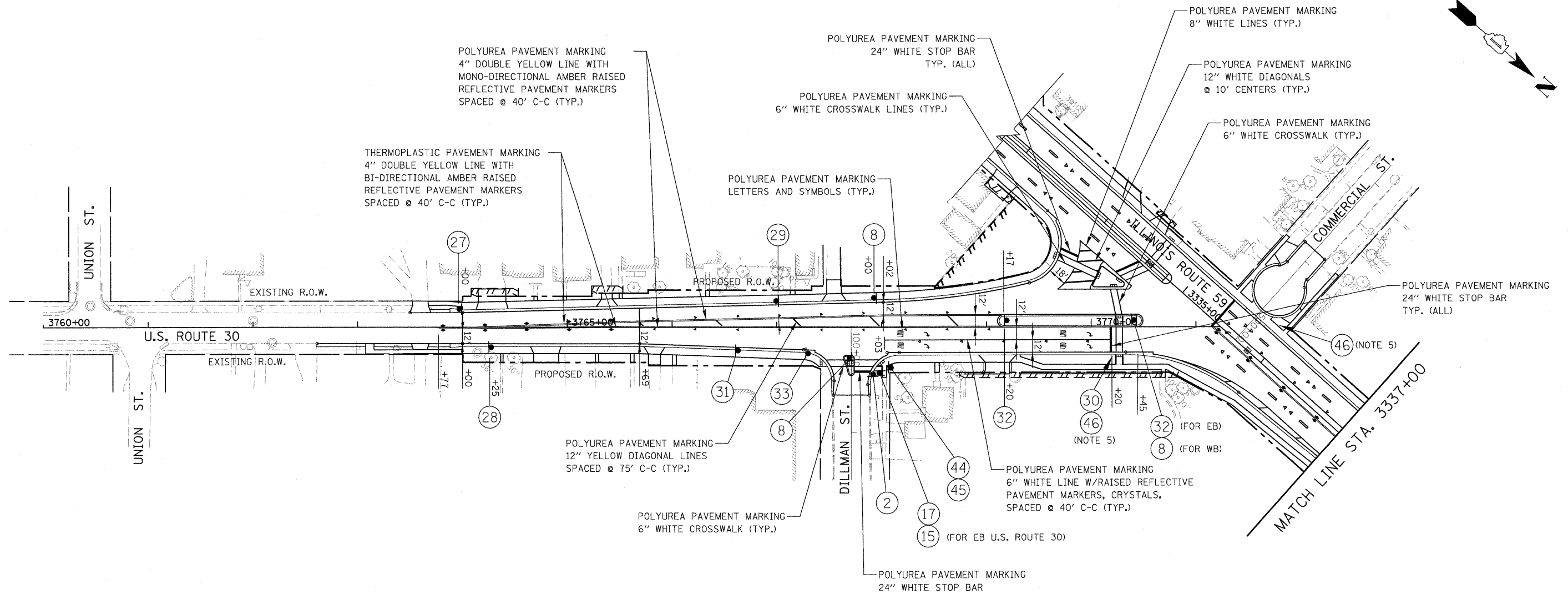


NOTES:

- PAVEMENT MARKINGS AND RAISED REFLECTIVE PAVEMENT MARKINGS SHALL BE PLACED IN ACCORDANCE WITH IDOT DISTRICT 1 DETAILS TC-11 AND TC-13.
- SIGN LOCATIONS MAY VARY BASED ON FIELD CONDITIONS.
- ALL EXISTING SIGNS NORTH OF STA. 3356+00 TO ILLINOIS ROUTE 126 SHALL REMAIN UNLESS OTHERWISE NOTED.
- IN PAVED LOCATIONS WHERE THE INSTALLATION OF THE TELESCOPING STEEL SIGN SUPPORTS IN ACCORDANCE WITH HIGHWAY STANDARD 728001 WILL NOT BE IN CONFLICT WITH UNDERGROUND UTILITIES, THE BASES FOR TELESCOPING STEEL SIGN SUPPORTS (HIGHWAY STANDARD 731001) SHALL BE OMITTED AS DIRECTED BY THE ENGINEER. THE CONTRACTOR SHALL BE RESPONSIBLE TO VERIFY WITH THE ENGINEER THE QUANTITY OF BASES TO BE OMITTED PRIOR TO ORDERING MATERIALS.



FILE NAME =	USER NAME = #USER#	DESIGNED - PJO	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	ILLINOIS ROUTE 59 PAVEMENT MARKING AND SIGNING		F.A. RTE. 338	SECTION 113 N-2	COUNTY WILL	TOTAL SHEETS 260	SHEET NO. 146
#FILE#		DRAWN - RTA	REVISED -		SCALE: AS SHOWN	SHEET NO. 4 OF 5 SHEETS	STA. 3351+00 TO STA. 3352+28	CONTRACT NO. 60E73		FED. ROAD DIST. NO. ILLINOIS	FAP 338 (IL RTE. 59)
		CHECKED - JCM	REVISED -								
		DATE - JANUARY 16, 2009	REVISED -								



2



R1-1-30

27



W6-3-36

30



33



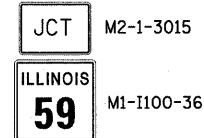
EXISTING
R10-7-2430

8



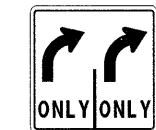
NOTE:
USE R3-2-30 FOR
CROSS-STREETS/DRIVES,
USE R3-2-36 FOR
IL 59/U.S. 30

28



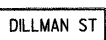
M1-1100-36

31



R3-8-30

44



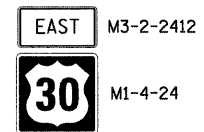
D3
19" X 8"

15



R5-1-30

29



M1-4-24

32



R4-7-2430

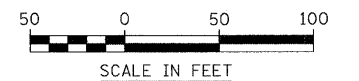
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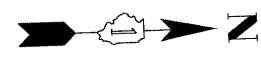
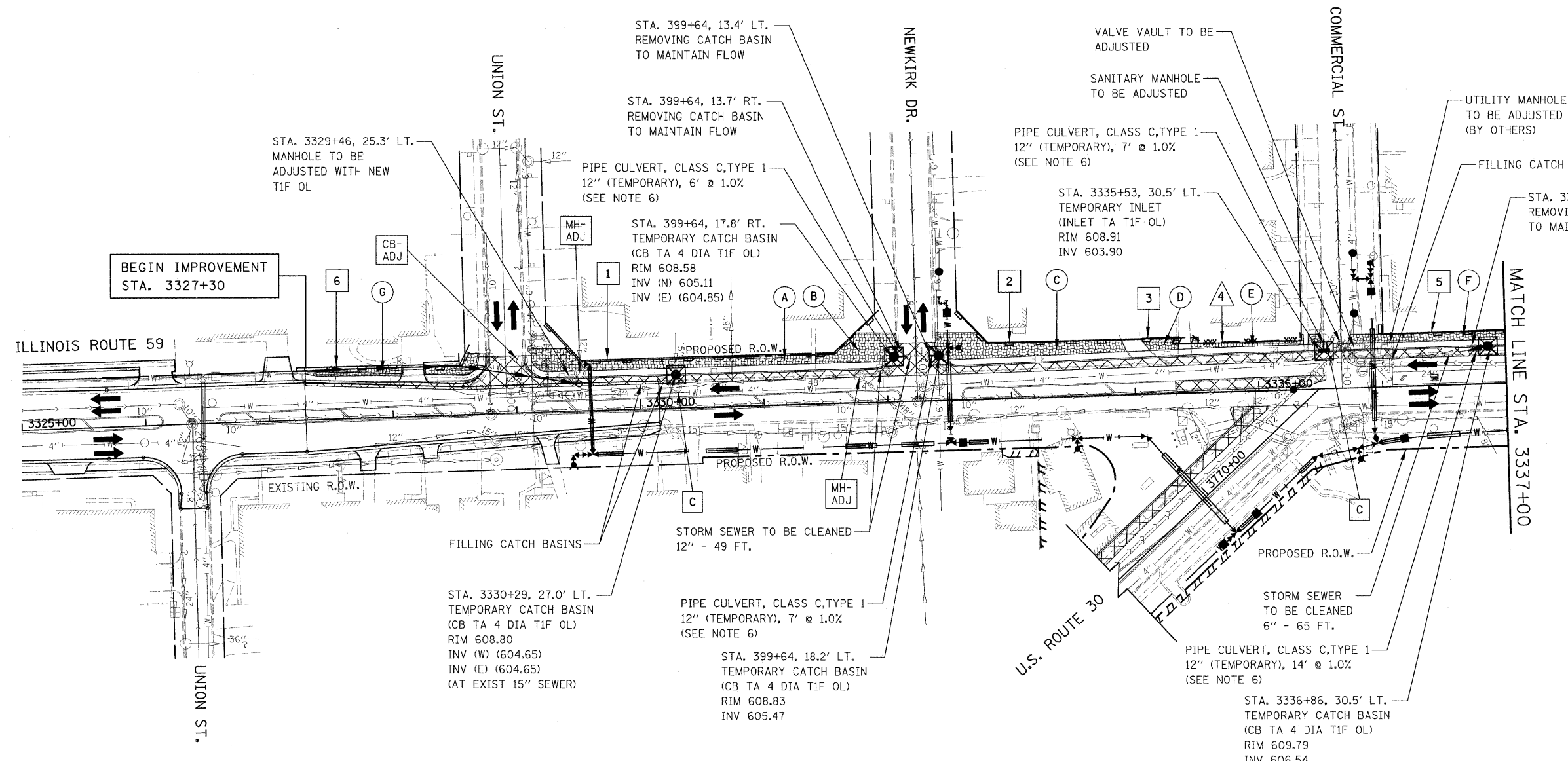
R10-11b-24

NOTES:

1. PAVEMENT MARKINGS AND RAISED REFLECTIVE PAVEMENT MARKINGS SHALL BE PLACED IN ACCORDANCE WITH IDOT DISTRICT 1 DETAILS TC-11 AND TC-13.
2. SIGN LOCATIONS MAY VARY BASED ON FIELD CONDITIONS.
3. ALL EXISTING SIGNS NORTH OF STA. 3356+00 TO ILLINOIS ROUTE 126 SHALL REMAIN UNLESS OTHERWISE NOTED.
4. IN PAVED LOCATIONS WHERE THE INSTALLATION OF THE TELESCOPING STEEL SIGN SUPPORTS IN ACCORDANCE WITH HIGHWAY STANDARD 728001 WILL NOT BE IN CONFLICT WITH UNDERGROUND UTILITIES, THE BASES FOR TELESCOPING STEEL SIGN SUPPORTS (HIGHWAY STANDARD 731001) SHALL BE OMITTED AS DIRECTED BY THE ENGINEER. THE CONTRACTOR SHALL BE RESPONSIBLE TO VERIFY WITH THE ENGINEER THE QUANTITY OF BASES TO BE OMITTED PRIOR TO ORDERING MATERIALS.
5. THESE SIGNS SHALL BE MOUNTED ON THE NEAREST TRAFFIC SIGNAL POLE RELATIVE TO THE LOCATION SHOWN.



FILE NAME =	USER NAME = #USER#	DESIGNED - PJO	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	U.S. ROUTE 30 PAVEMENT MARKING AND SIGNING	F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
#FILE#		DRAWN - RTA	REVISED -			338	113 N-2	WILL	260	147	
		CHECKED - JCM	REVISED -			CONTRACT NO. 60E73					
		DATE - JANUARY 16, 2009	REVISED -			FED. ROAD DIST. NO. ILLINOIS FAP 338 (IL RTE. 59)					
					SCALE: AS SHOWN	SHEET NO. 5 OF 5 SHEETS		STA. 3760+00 TO STA. 3771+00			



BEGIN IMPROVEMENT
STA. 3327+30

- SEDIMENT CONTROL, SILT FENCE
- 1 STA. 3329+26 TO STA. 3331+96
 - 2 STA. 3332+57 TO STA. 3333+92
 - 3 STA. 3334+06 TO STA. 3334+37
 - 5 STA. 3336+00 TO STA. 3337+00
 - 6 STA. 3327+20 TO STA. 3328+63
- TEMPORARY CONSTRUCTION FENCE
- 4 STA. 3334+46 TO STA. 3335+36

TEMPORARY EROSION CONTROL SEEDING	EROSION CONTROL BLANKET
(A) 46 LBS.	223 SQ. YDS.
(B) 26 LBS.	125 SQ. YDS.
(C) 47 LBS.	228 SQ. YDS.
(D) 6 LBS.	29 SQ. YDS.
(E) 11 LBS.	53 SQ. YDS.
(F) 20 LBS.	96 SQ. YDS.
(G) 19 LBS.	92 SQ. YDS.

EROSION CONTROL LEGEND

- TEMPORARY EROSION CONTROL SEEDING AND EROSION CONTROL BLANKET
- TEMPORARY PAVEMENT
- SEDIMENT CONTROL, SILT FENCE (SEE NOTE 2)
- DRAINAGE STRUCTURE TO BE CLEANED
- INLET FILTER
- CATCH BASIN TO BE ADJUSTED
- INLET TO BE ADJUSTED
- MANHOLE TO BE ADJUSTED
- CATCH BASIN TO BE ADJUSTED WITH NEW TYPE 1 FRAME OPEN LID
- INLET TO BE ADJUSTED WITH NEW TYPE 1 FRAME OPEN LID
- PERMANENT DRAINAGE STRUCTURE NUMBER (SEE NOTE 5)
- PROPOSED STORM SEWER (SEE NOTE 5)
- TEMPORARY PIPE CULVERT
- TEMPORARY CONSTRUCTION FENCE

NOTES

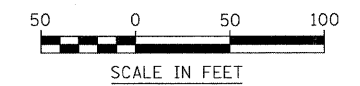
1. THE CONSTRUCTION LIMITS WILL BE STAKED BY THE ENGINEER PRIOR TO COMMENCING CONSTRUCTION. THE CONSTRUCTION LIMITS MAY BE ADJUSTED BY THE ENGINEER TO PRESERVE TREES AND NO ADDITIONAL COMPENSATION WILL BE PAID TO THE CONTRACTOR FOR CHANGED CONSTRUCTION LIMITS.
2. SEDIMENT CONTROL, SILT FENCE SHALL BE ERECTED ADJACENT TO R.O.W., EASEMENT, AND CONSTRUCTION LIMITS AND AS DIRECTED BY THE ENGINEER.
3. SEE LANDSCAPING PLANS FOR LANDSCAPING REQUIREMENTS.
4. SEE PRE-STAGE 1 CROSS SECTIONS FOR GRADING INFORMATION.
5. SEE PROPOSED DRAINAGE PLANS FOR STORM SEWER INFORMATION.
6. TEMPORARY CONNECTIONS OF TEMPORARY PIPE CULVERT SHALL NOT BE PAID FOR SEPARATELY, BUT SHALL BE CONSIDERED INCLUDED IN THE UNIT PRICE OF "PIPE CULVERT, CLASS C, TYPE 1 OF THE SIZE SPECIFIED, (TEMPORARY)".

GENERAL EROSION CONTROL NOTES:

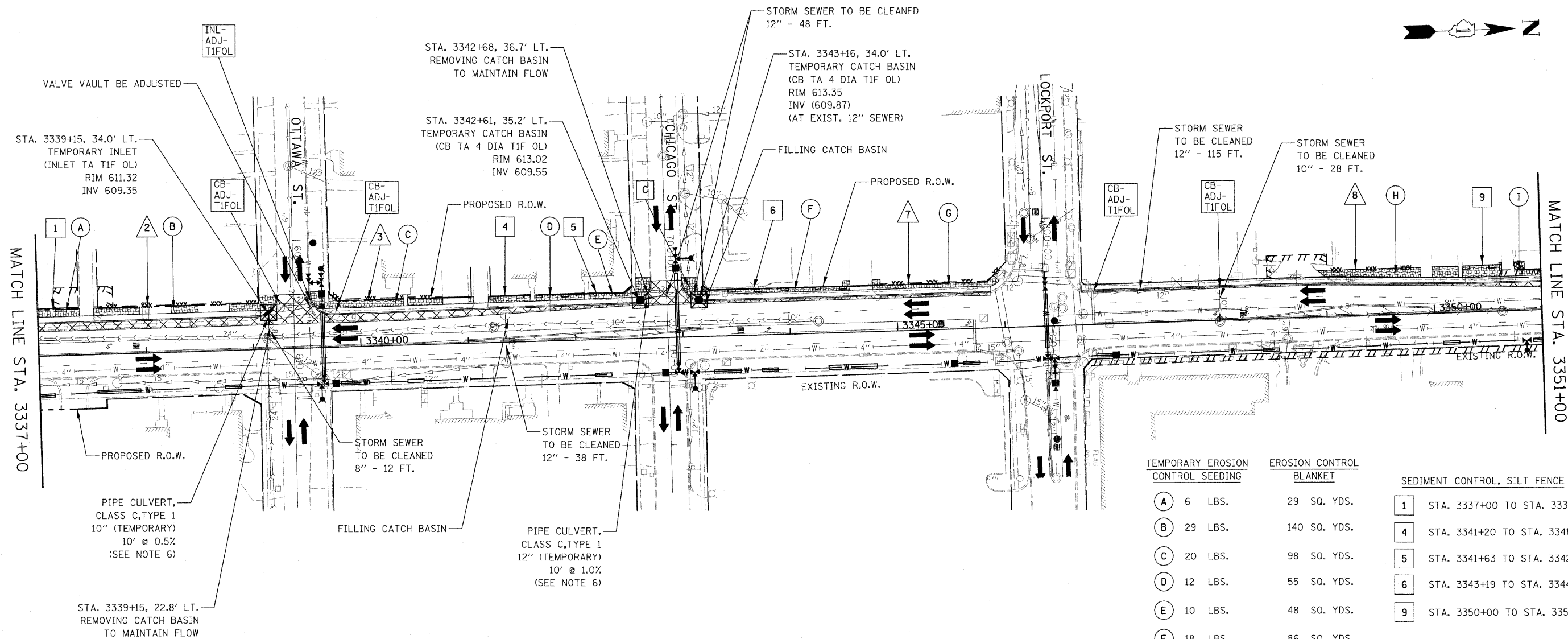
TREE TRUNK PROTECTION, TREE ROOT PRUNING, AND TREE PRUNING WILL BE REQUIRED FOR THIS PROJECT. A REPRESENTATIVE FROM IDOT'S ROADSIDE DEVELOPMENT UNIT WILL DETERMINE LOCATIONS ON SITE AT THE START OF CONSTRUCTION. PAY ITEMS HAVE BEEN INCLUDED IN THE SUMMARY OF QUANTITIES.

THE CONTRACTOR WILL BE REQUIRED TO SUBMIT CERTIFICATION STATEMENT (NPDES ATTACHMENT 6). FULL COMPLIANCE WITH ALL TERMS OF THE NPDES PERMIT MUST BE STRICTLY ADHERED TO.

DRAINAGE STRUCTURE INLET FILTERS ARE TO BE PROVIDED AND MAINTAINED FOR ALL EXISTING AND PROPOSED DRAINAGE STRUCTURE WITHIN THE PROJECT LIMITS AND ALL STRUCTURES NOTED FOR INLET AND PIPE PROTECTION AS DIRECTED BY THE ENGINEER. PAY ITEMS, DETAILS AND SPECIAL PROVISIONS HAVE BEEN INCLUDED IN THE SUMMARY OF QUANTITIES, SPECIAL PROVISIONS, AND PLAN DETAILS FOR THIS WORK.



FILE NAME =	USER NAME = #USER#	DESIGNED - PJO	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	ILLINOIS ROUTE 59 EROSION CONTROL - PRE-STAGE 1		F.A. RTE. 338	SECTION 113 N-2	COUNTY WILL	TOTAL SHEETS 260	SHEET NO. 148
\$FILEL\$	PLOT SCALE = #SCALE#	DRAWN - RTA	REVISED -		SCALE: AS SHOWN	SHEET NO. 1 OF 4 SHEETS	STA. 3325+00 TO STA. 3337+00	CONTRACT NO. 60E73		FED. ROAD DIST. NO. [ILLINOIS]	FAP 338 (IL RTE. 59)
	PLOT DATE = #DATE#	CHECKED - JCM	REVISED -								
		DATE - JANUARY 16, 2009	REVISED -								



EROSION CONTROL LEGEND

	TEMPORARY EROSION CONTROL SEEDING AND EROSION CONTROL BLANKET		MANHOLE TO BE ADJUSTED
	TEMPORARY PAVEMENT		CATCH BASIN TO BE ADJUSTED WITH NEW TYPE 1 FRAME OPEN LID
	SEDIMENT CONTROL, SILT FENCE (SEE NOTE 2)		INLET TO BE ADJUSTED WITH NEW TYPE 1 FRAME OPEN LID
	DRAINAGE STRUCTURE TO BE CLEANED		PERMANENT DRAINAGE STRUCTURE NUMBER (SEE NOTE 5)
	INLET FILTER		PROPOSED STORM SEWER (SEE NOTE 5)
	CATCH BASIN TO BE ADJUSTED		TEMPORARY PIPE CULVERT
	INLET TO BE ADJUSTED		TEMPORARY CONSTRUCTION FENCE

NOTES

1. THE CONSTRUCTION LIMITS WILL BE STAKED BY THE ENGINEER PRIOR TO COMMENCING CONSTRUCTION. THE CONSTRUCTION LIMITS MAY BE ADJUSTED BY THE ENGINEER TO PRESERVE TREES AND NO ADDITIONAL COMPENSATION WILL BE PAID TO THE CONTRACTOR FOR CHANGED CONSTRUCTION LIMITS.

2. SEDIMENT CONTROL, SILT FENCE SHALL BE ERECTED ADJACENT TO R.O.W., EASEMENT, AND CONSTRUCTION LIMITS AND AS DIRECTED BY THE ENGINEER.

3. SEE LANDSCAPING PLANS FOR LANDSCAPING REQUIREMENTS.

4. SEE PRE-STAGE 1 CROSS SECTIONS FOR GRADING INFORMATION.

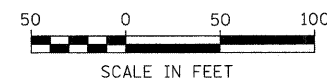
5. SEE PROPOSED DRAINAGE PLANS FOR STORM SEWER INFORMATION.

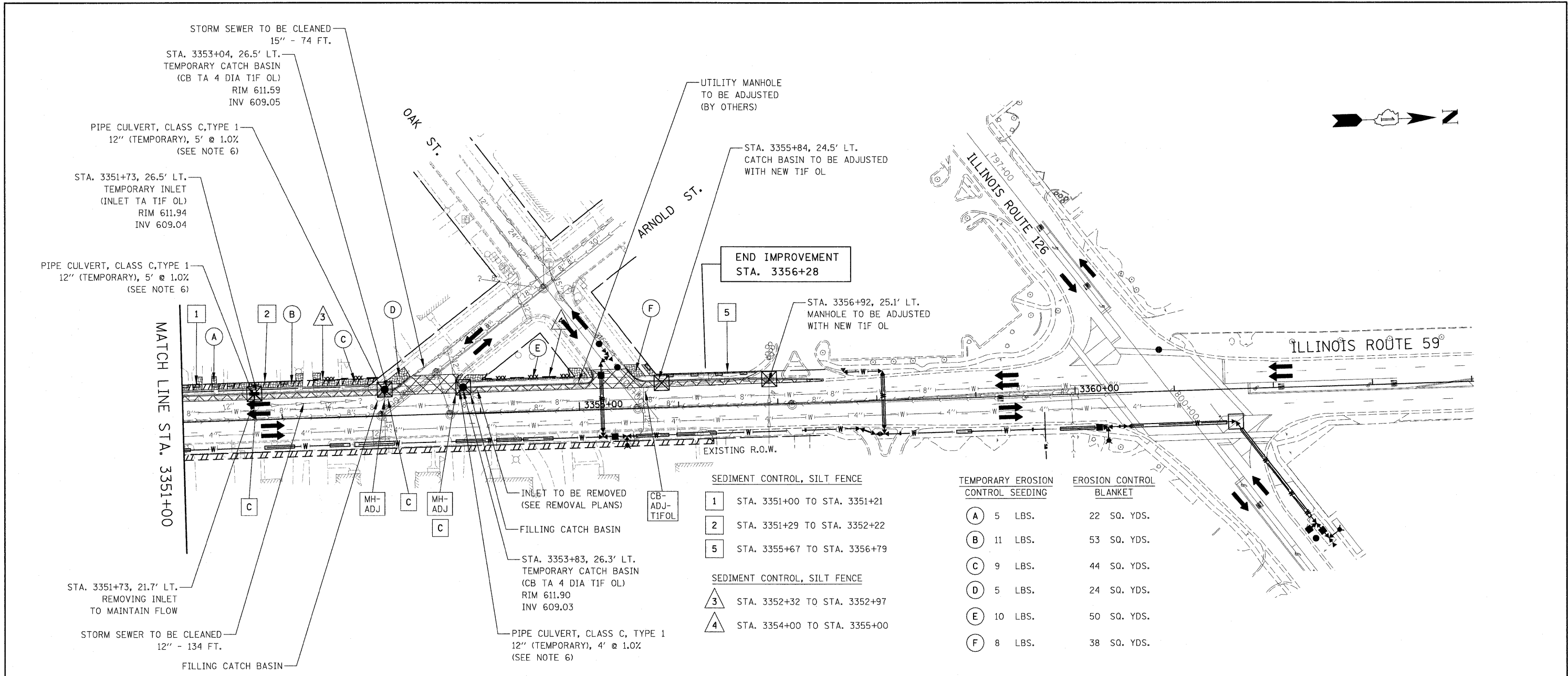
6. TEMPORARY CONNECTIONS OF TEMPORARY PIPE CULVERT SHALL NOT BE PAID FOR SEPARATELY, BUT SHALL BE CONSIDERED INCLUDED IN THE UNIT PRICE OF "PIPE CULVERT, CLASS C, TYPE 1 OF THE SIZE SPECIFIED, (TEMPORARY)".

TEMPORARY EROSION CONTROL SEEDING	EROSION CONTROL BLANKET	SEDIMENT CONTROL, SILT FENCE
(A) 6 LBS.	29 SQ. YDS.	1 STA. 3337+00 TO STA. 3337+38
(B) 29 LBS.	140 SQ. YDS.	4 STA. 3341+20 TO STA. 3341+59
(C) 20 LBS.	98 SQ. YDS.	5 STA. 3341+63 TO STA. 3342+54
(D) 12 LBS.	55 SQ. YDS.	6 STA. 3343+19 TO STA. 3344+57
(E) 10 LBS.	48 SQ. YDS.	9 STA. 3350+00 TO STA. 3351+00
(F) 18 LBS.	86 SQ. YDS.	
(G) 12 LBS.	58 SQ. YDS.	
(H) 16 LBS.	79 SQ. YDS.	
(I) 20 LBS.	97 SQ. YDS.	

TEMPORARY CONSTRUCTION FENCE

(2)	STA. 3337+52 TO STA. 3339+06
(3)	STA. 3339+67 TO STA. 3340+77
(7)	STA. 3344+78 TO STA. 3346+03
(8)	STA. 3348+93 TO STA. 3349+89





END IMPROVEMENT
STA. 3356+28

- SEDIMENT CONTROL, SILT FENCE
- 1 STA. 3351+00 TO STA. 3351+21
 - 2 STA. 3351+29 TO STA. 3352+22
 - 5 STA. 3355+67 TO STA. 3356+79
- SEDIMENT CONTROL, SILT FENCE
- 3 STA. 3352+32 TO STA. 3352+97
 - 4 STA. 3354+00 TO STA. 3355+00

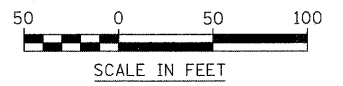
TEMPORARY EROSION CONTROL SEEDING	EROSION CONTROL BLANKET
(A) 5 LBS.	22 SQ. YDS.
(B) 11 LBS.	53 SQ. YDS.
(C) 9 LBS.	44 SQ. YDS.
(D) 5 LBS.	24 SQ. YDS.
(E) 10 LBS.	50 SQ. YDS.
(F) 8 LBS.	38 SQ. YDS.

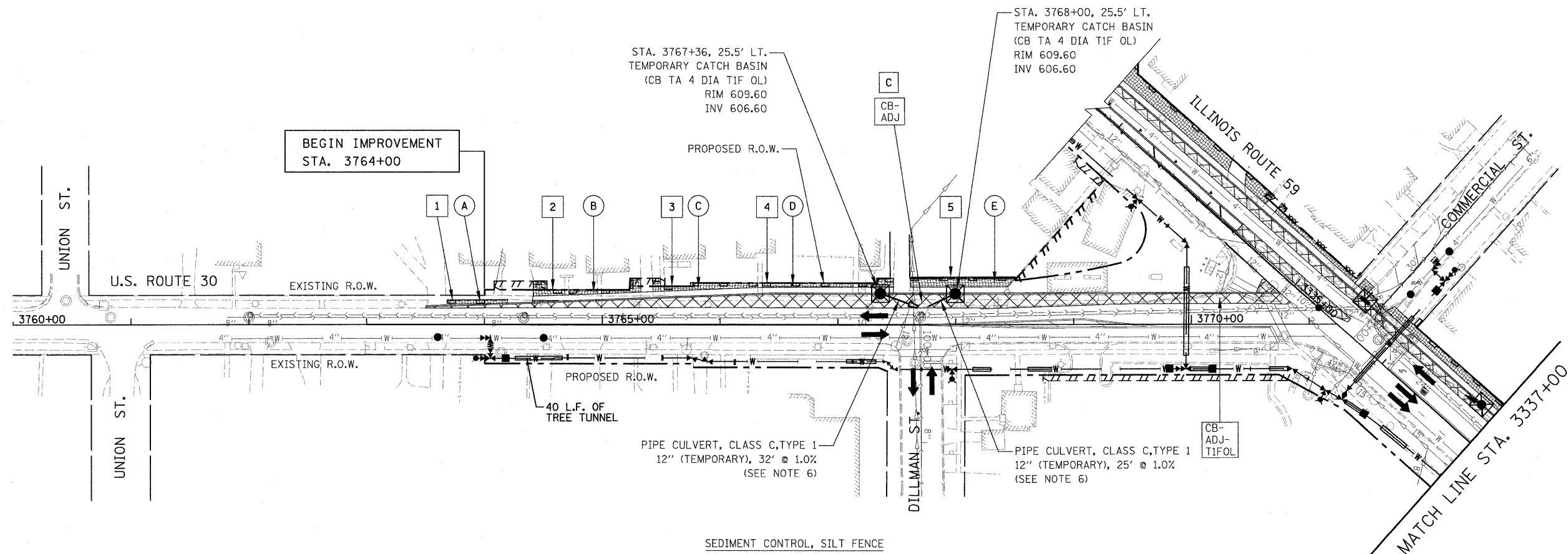
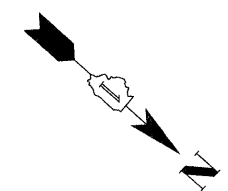
EROSION CONTROL LEGEND

- | | | | |
|--|---|--|---|
| | TEMPORARY EROSION CONTROL SEEDING AND EROSION CONTROL BLANKET | | MANHOLE TO BE ADJUSTED |
| | TEMPORARY PAVEMENT | | CATCH BASIN TO BE ADJUSTED WITH NEW TYPE 1 FRAME OPEN LID |
| | SEDIMENT CONTROL, SILT FENCE (SEE NOTE 2) | | INLET TO BE ADJUSTED WITH NEW TYPE 1 FRAME OPEN LID |
| | DRAINAGE STRUCTURE TO BE CLEANED | | PERMANENT DRAINAGE STRUCTURE NUMBER (SEE NOTE 5) |
| | INLET FILTER | | PROPOSED STORM SEWER (SEE NOTE 5) |
| | CATCH BASIN TO BE ADJUSTED | | TEMPORARY PIPE CULVERT |
| | INLET TO BE ADJUSTED | | TEMPORARY CONSTRUCTION FENCE |

NOTES

- THE CONSTRUCTION LIMITS WILL BE STAKED BY THE ENGINEER PRIOR TO COMMENCING CONSTRUCTION. THE CONSTRUCTION LIMITS MAY BE ADJUSTED BY THE ENGINEER TO PRESERVE TREES AND NO ADDITIONAL COMPENSATION WILL BE PAID TO THE CONTRACTOR FOR CHANGED CONSTRUCTION LIMITS.
- SEDIMENT CONTROL, SILT FENCE SHALL BE ERECTED ADJACENT TO R.O.W., EASEMENT, AND CONSTRUCTION LIMITS AND AS DIRECTED BY THE ENGINEER.
- SEE LANDSCAPING PLANS FOR LANDSCAPING REQUIREMENTS.
- SEE PRE-STAGE 1 CROSS SECTIONS FOR GRADING INFORMATION.
- SEE PROPOSED DRAINAGE PLANS FOR STORM SEWER INFORMATION.
- TEMPORARY CONNECTIONS OF TEMPORARY PIPE CULVERT SHALL NOT BE PAID FOR SEPARATELY, BUT SHALL BE CONSIDERED INCLUDED IN THE UNIT PRICE OF "PIPE CULVERT, CLASS C, TYPE 1 OF THE SIZE SPECIFIED, (TEMPORARY)".





SEDIMENT CONTROL, SILT FENCE

- 1 STA. 3763+67 TO STA. 3764+20
- 2 STA. 3764+41 TO STA. 3765+33
- 3 STA. 3765+42 TO STA. 3766+32
- 4 STA. 3766+36 TO STA. 3767+47
- 5 STA. 3767+62 TO STA. 3768+50

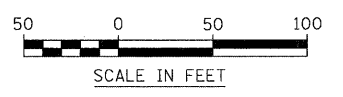
TEMPORARY EROSION CONTROL SEEDING	EROSION CONTROL BLANKET
(A) 4 LBS.	19 SQ. YDS.
(B) 11 LBS.	54 SQ. YDS.
(C) 10 LBS.	49 SQ. YDS.
(D) 10 LBS.	49 SQ. YDS.
(E) 15 LBS.	71 SQ. YDS.

EROSION CONTROL LEGEND

- TEMPORARY EROSION CONTROL SEEDING AND EROSION CONTROL BLANKET
- TEMPORARY PAVEMENT
- SEDIMENT CONTROL, SILT FENCE (SEE NOTE 2)
- DRAINAGE STRUCTURE TO BE CLEANED
- INLET FILTER
- CATCH BASIN TO BE ADJUSTED
- INLET TO BE ADJUSTED
- MANHOLE TO BE ADJUSTED
- CATCH BASIN TO BE ADJUSTED WITH NEW TYPE 1 FRAME OPEN LID
- INLET TO BE ADJUSTED WITH NEW TYPE 1 FRAME OPEN LID
- PERMANENT DRAINAGE STRUCTURE NUMBER (SEE NOTE 5)
- PROPOSED STORM SEWER (SEE NOTE 5)
- TEMPORARY PIPE CULVERT
- TEMPORARY CONSTRUCTION FENCE

NOTES

1. THE CONSTRUCTION LIMITS WILL BE STAKED BY THE ENGINEER PRIOR TO COMMENCING CONSTRUCTION. THE CONSTRUCTION LIMITS MAY BE ADJUSTED BY THE ENGINEER TO PRESERVE TREES AND NO ADDITIONAL COMPENSATION WILL BE PAID TO THE CONTRACTOR FOR CHANGED CONSTRUCTION LIMITS.
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3. SEE LANDSCAPING PLANS FOR LANDSCAPING REQUIREMENTS.
4. SEE PRE-STAGE 1 CROSS SECTIONS FOR GRADING INFORMATION.
5. SEE PROPOSED DRAINAGE PLANS FOR STORM SEWER INFORMATION.
6. TEMPORARY CONNECTIONS OF TEMPORARY PIPE CULVERT SHALL NOT BE PAID FOR SEPARATELY, BUT SHALL BE CONSIDERED INCLUDED IN THE UNIT PRICE OF "PIPE CULVERT, CLASS C, TYPE 1 OF THE SIZE SPECIFIED, (TEMPORARY)".



FILE NAME =	USER NAME = #USER#	DESIGNED - PJO	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	U.S. ROUTE 30 EROSION CONTROL - PRE-STAGE 1	F.A. RTE. 338	SECTION 113 N-2	COUNTY WILL	TOTAL SHEETS 260	SHEET NO. 151
#FILEL#	PLOT SCALE = #SCALE#	DRAWN - RTA	REVISED -			CONTRACT NO. 60E73				
	PLOT DATE = #DATE#	CHECKED - JCM	REVISED -			FED. ROAD DIST. NO. ILLINOIS	FAP 338 (IL RTE. 59)			
		DATE - JANUARY 16, 2009	REVISED -			SCALE: AS SHOWN	SHEET NO. 4 OF 4 SHEETS	STA. 3760+00 TO STA. 3771+00		

PIPE CULVERT, CLASS C, TYPE 1
12" (TEMPORARY) - 7' @ 1.4%
(SEE NOTE 6)

STORM SEWER TO BE CLEANED
15" - 10 FT.

PIPE CULVERT, CLASS C, TYPE 1
12" (TEMPORARY) - 15' @ 1.0%
(SEE NOTE 6)

MATCH LINE STA. 3351+00

STA. 3352+69, 27.0' RT.
TEMPORARY INLET
(INLET TA TIF OL)
RIM 611.30
INV 608.30

OAK ST.

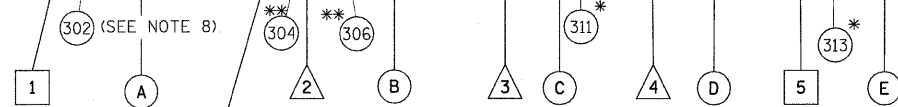
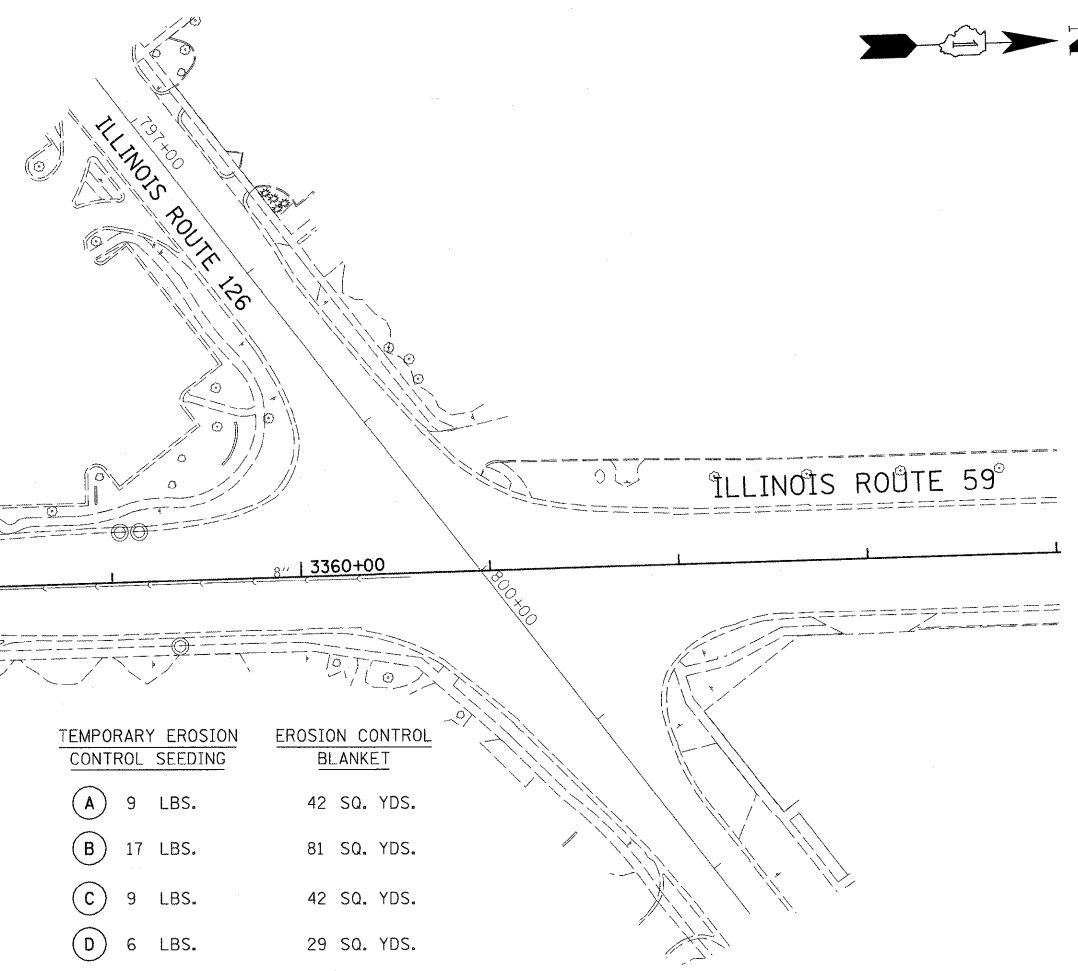
ARNOLD ST.

PIPE CULVERT, CLASS C, TYPE 1
12" (TEMPORARY) - 10' @ 3.0%
(SEE NOTE 6)

PIPE CULVERT, CLASS C, TYPE 1
12" (TEMPORARY) - 12' @ 1.0%
(SEE NOTE 6)

STA. 3355+88, 27.0' RT.
TEMPORARY INLET
(INLET TA TIF OL)
RIM 612.53
INV 609.53

END IMPROVEMENT
STA. 3356+28



** SEE NOTES 7 & 9

* SEE NOTE 7

SEDIMENT CONTROL, SILT FENCE

- 1 STA. 3351+48 TO STA. 3352+09
- 5 STA. 3354+91 TO STA. 3356+37

TEMPORARY CONSTRUCTION FENCE

- 2 STA. 3352+44 TO STA. 3353+70
- 3 STA. 3353+82 TO STA. 3354+40
- 4 STA. 3354+56 TO STA. 3354+81

TEMPORARY EROSION CONTROL SEEDING

- A 9 LBS.
- B 17 LBS.
- C 9 LBS.
- D 6 LBS.
- E 15 LBS.

EROSION CONTROL BLANKET

- 42 SQ. YDS.
- 81 SQ. YDS.
- 42 SQ. YDS.
- 29 SQ. YDS.
- 71 SQ. YDS.

EROSION CONTROL LEGEND

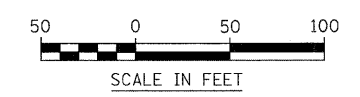
- TEMPORARY EROSION CONTROL SEEDING AND EROSION CONTROL BLANKET
- TEMPORARY EROSION CONTROL SEEDING AND EROSION CONTROL BLANKET INSTALLED IN PREVIOUS STAGE
- PERMANENT LANDSCAPING (SEE NOTE 3)
- TEMPORARY PAVEMENT
- SEDIMENT CONTROL, SILT FENCE INSTALLED IN PREVIOUS STAGE

- SEDIMENT CONTROL, SILT FENCE (SEE NOTE 2)
- DRAINAGE STRUCTURE TO BE CLEANED
- INLET FILTER
- INLET FILTER INSTALLED IN PREVIOUS STAGE
- PERMANENT DRAINAGE STRUCTURE NUMBER (SEE NOTE 5)
- PROPOSED STORM SEWER (SEE NOTE 5)
- TEMPORARY PIPE CULVERT
- TEMPORARY CONSTRUCTION FENCE

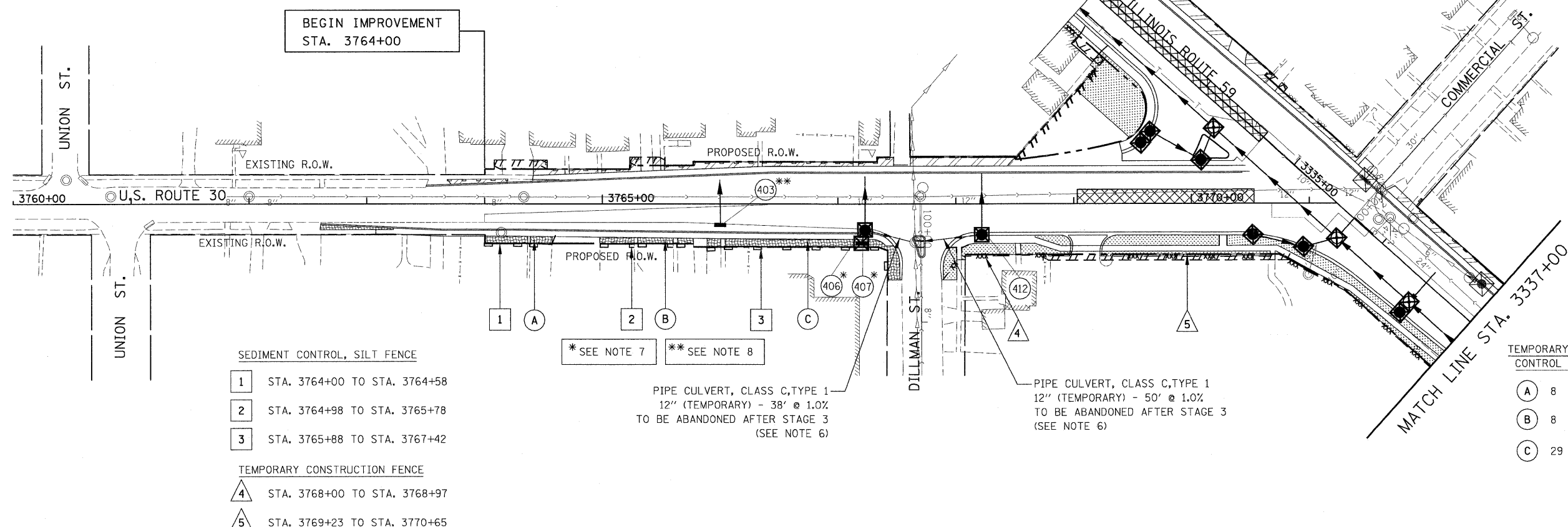
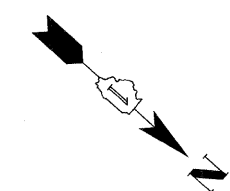
NOTES

1. THE CONSTRUCTION LIMITS WILL BE STAKED BY THE ENGINEER PRIOR TO COMMENCING CONSTRUCTION. THE CONSTRUCTION LIMITS MAY BE ADJUSTED BY THE ENGINEER TO PRESERVE TREES AND NO ADDITIONAL COMPENSATION WILL BE PAID TO THE CONTRACTOR FOR CHANGED CONSTRUCTION LIMITS.
2. SEDIMENT CONTROL, SILT FENCE SHALL BE ERECTED ADJACENT TO R.O.W., EASEMENT, AND CONSTRUCTION LIMITS AND AS DIRECTED BY THE ENGINEER.
3. SEE LANDSCAPING PLANS FOR LANDSCAPING REQUIREMENTS.
4. SEE STAGE 1 & 2 OF THE CROSS SECTIONS FOR GRADING INFORMATION.
5. SEE PROPOSED DRAINAGE PLANS FOR STORM SEWER INFORMATION.
6. TEMPORARY CONNECTIONS OF TEMPORARY PIPE CULVERT SHALL NOT BE PAID FOR SEPARATELY, BUT SHALL BE CONSIDERED INCLUDED IN THE UNIT PRICE OF "PIPE CULVERT, CLASS C, TYPE 1 OF THE SIZE SPECIFIED, (TEMPORARY)".

7. PROPOSED FRAME AND GRATES SHALL BE TEMPORARILY INSTALLED TO MEET TEMPORARY GRADES AND/OR INSTALLED FLUSH WITH TEMPORARY PAVEMENT. REQUIRED ADJUSTMENT AND/OR RECONSTRUCTION OF THE PROPOSED STRUCTURE TO FINAL RIM ELEVATION SHALL NOT BE PAID FOR SEPARATELY. THE COST FOR THIS WORK SHALL BE INCLUDED IN THE COST OF THE PROPOSED STRUCTURE.
8. THE FRAME AND GRATE OF THE PROPOSED STRUCTURE SHALL BE OMITTED AND THE STRUCTURE TEMPORARILY COVERED WITH STEEL PLATE WITH A MINIMUM THICKNESS OF 0.25 INCH OR OF A THICKNESS APPROVED BY THE ENGINEER. PAYMENT FOR THE INSTALLATION AND REMOVAL OF THE STEEL PLATE INCLUDING ANY REQUIRED EXCAVATION AND THE INSTALLATION OF THE FRAME AND GRATE SHALL BE CONSIDERED INCLUDED IN THE COST OF THE PROPOSED STRUCTURE.
9. PROPOSED STRUCTURES (304) AND (306) SHALL TEMPORARILY USE A TIF OL OR T24 F&G. PAYMENT FOR TEMPORARY FRAME AND GRATE SHALL BE CONSIDERED INCLUDED IN THE COST OF THE PROPOSED STRUCTURE.



FILE NAME =	USER NAME = #USER#	DESIGNED - PJO	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	ILLINOIS ROUTE 59 EROSION CONTROL - STAGE 1 THRU 2	F.A. RTE. 338	SECTION 113 N-2	COUNTY WILL	TOTAL SHEETS 260	SHEET NO. 154	
#FILEL#	PLOT SCALE = #SCALE#	CHECKED - JCM	REVISED -			SCALE: AS SHOWN		SHEET NO. 3 OF 4 SHEETS		STA. 3351+00 TO STA. 3352+28	
	PLOT DATE = #DATE#	DATE - JANUARY 16, 2009	REVISED -			CONTRACT NO. 60E73		FED. ROAD DIST. NO. [ILLINOIS] FAP 338 (IL RTE. 59)			



- SEDIMENT CONTROL, SILT FENCE
- 1 STA. 3764+00 TO STA. 3764+58
 - 2 STA. 3764+98 TO STA. 3765+78
 - 3 STA. 3765+88 TO STA. 3767+42
- TEMPORARY CONSTRUCTION FENCE
- 4 STA. 3768+00 TO STA. 3768+97
 - 5 STA. 3769+23 TO STA. 3770+65

* SEE NOTE 7 ** SEE NOTE 8

PIPE CULVERT, CLASS C, TYPE 1
12" (TEMPORARY) - 38' @ 1.0%
TO BE ABANDONED AFTER STAGE 3
(SEE NOTE 6)

PIPE CULVERT, CLASS C, TYPE 1
12" (TEMPORARY) - 50' @ 1.0%
TO BE ABANDONED AFTER STAGE 3
(SEE NOTE 6)

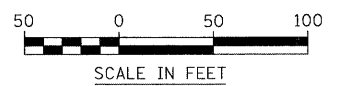
	TEMPORARY EROSION CONTROL SEEDING	EROSION CONTROL BLANKET
(A)	8 LBS.	38 SQ. YDS.
(B)	8 LBS.	40 SQ. YDS.
(C)	29 LBS.	141 SQ. YDS.

EROSION CONTROL LEGEND

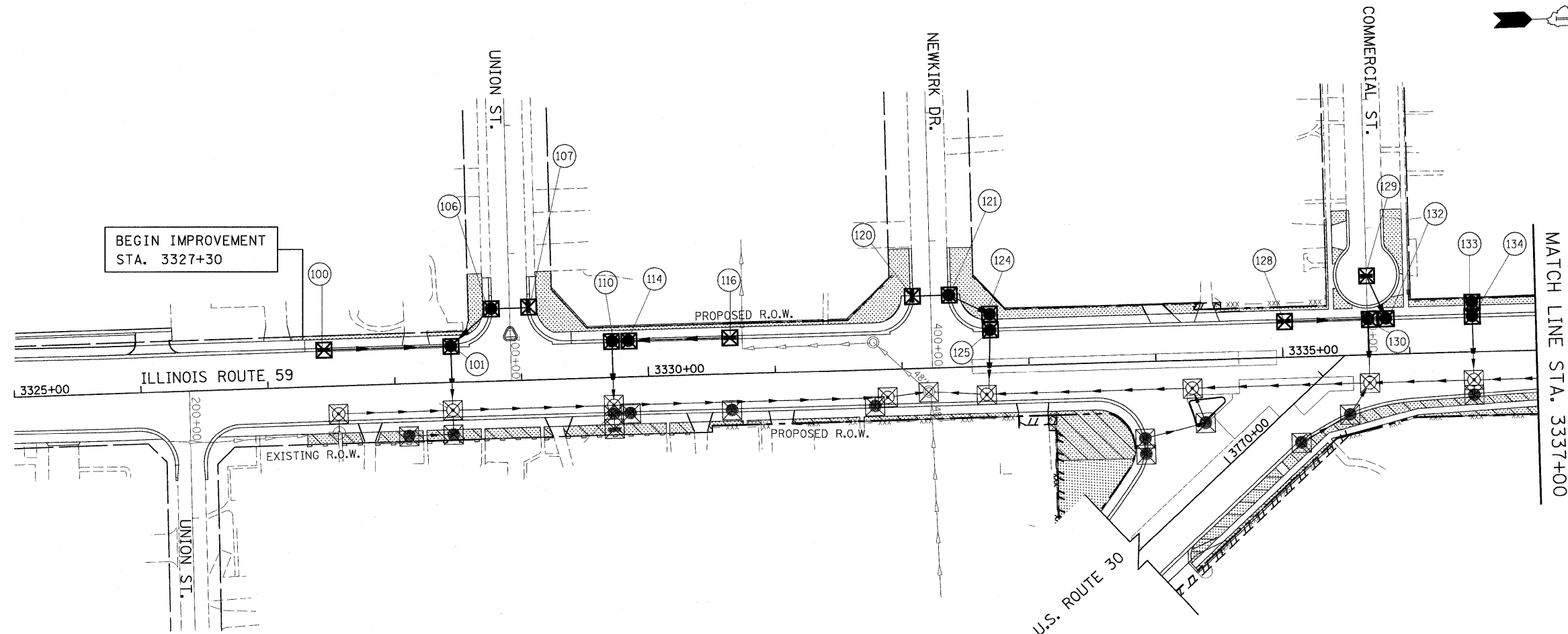
- TEMPORARY EROSION CONTROL SEEDING AND EROSION CONTROL BLANKET
- TEMPORARY EROSION CONTROL SEEDING AND EROSION CONTROL BLANKET INSTALLED IN PREVIOUS STAGE
- PERMANENT LANDSCAPING (SEE NOTE 3)
- TEMPORARY PAVEMENT
- SEDIMENT CONTROL, SILT FENCE INSTALLED IN PREVIOUS STAGE
- SEDIMENT CONTROL, SILT FENCE (SEE NOTE 2)
- DRAINAGE STRUCTURE TO BE CLEANED
- INLET FILTER
- INLET FILTER INSTALLED IN PREVIOUS STAGE
- PERMANENT DRAINAGE STRUCTURE NUMBER (SEE NOTE 5)
- PROPOSED STORM SEWER (SEE NOTE 5)
- TEMPORARY PIPE CULVERT
- TEMPORARY CONSTRUCTION FENCE

NOTES

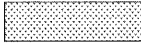










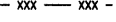
1. THE CONSTRUCTION LIMITS WILL BE STAKED BY THE ENGINEER PRIOR TO COMMENCING CONSTRUCTION. THE CONSTRUCTION LIMITS MAY BE ADJUSTED BY THE ENGINEER TO PRESERVE TREES AND NO ADDITIONAL COMPENSATION WILL BE PAID TO THE CONTRACTOR FOR CHANGED CONSTRUCTION LIMITS.
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3. SEE LANDSCAPING PLANS FOR LANDSCAPING REQUIREMENTS.
4. SEE PRE-STAGE 1 CROSS SECTIONS FOR GRADING INFORMATION.
5. SEE PROPOSED DRAINAGE PLANS FOR STORM SEWER INFORMATION.
6. TEMPORARY CONNECTIONS OF TEMPORARY PIPE CULVERT SHALL NOT BE PAID FOR SEPARATELY, BUT SHALL BE CONSIDERED INCLUDED IN THE UNIT PRICE OF "PIPE CULVERT, CLASS C, TYPE 1 OF THE SIZE SPECIFIED, (TEMPORARY)".
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8. THE FRAME AND GRATE OF THE PROPOSED STRUCTURE SHALL BE OMITTED AND THE STRUCTURE TEMPORARILY COVERED WITH STEEL PLATE WITH A MINIMUM THICKNESS OF 0.25 INCH OR OF A THICKNESS APPROVED BY THE ENGINEER. PAYMENT FOR THE INSTALLATION AND REMOVAL OF THE STEEL PLATE INCLUDING ANY REQUIRED EXCAVATION AND THE INSTALLATION OF THE FRAME AND GRATE SHALL BE CONSIDERED INCLUDED IN THE COST OF THE PROPOSED STRUCTURE.



FILE NAME =	USER NAME = #USER#	DESIGNED - PJO	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	U.S. ROUTE 30 EROSION CONTROL - STAGE 1 THRU 2	F.A. RTE. 338	SECTION 113 N-2	COUNTY WILL	TOTAL SHEETS 260	SHEET NO. 155	
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	PLOT DATE = #DATE#	CHECKED - JCM	REVISED -			FED. ROAD DIST. NO. [ILLINOIS] FAP 338 (IL. RTE. 59)					
		DATE - JANUARY 16, 2009	REVISED -								

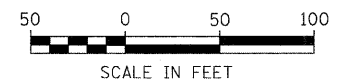


EROSION CONTROL LEGEND

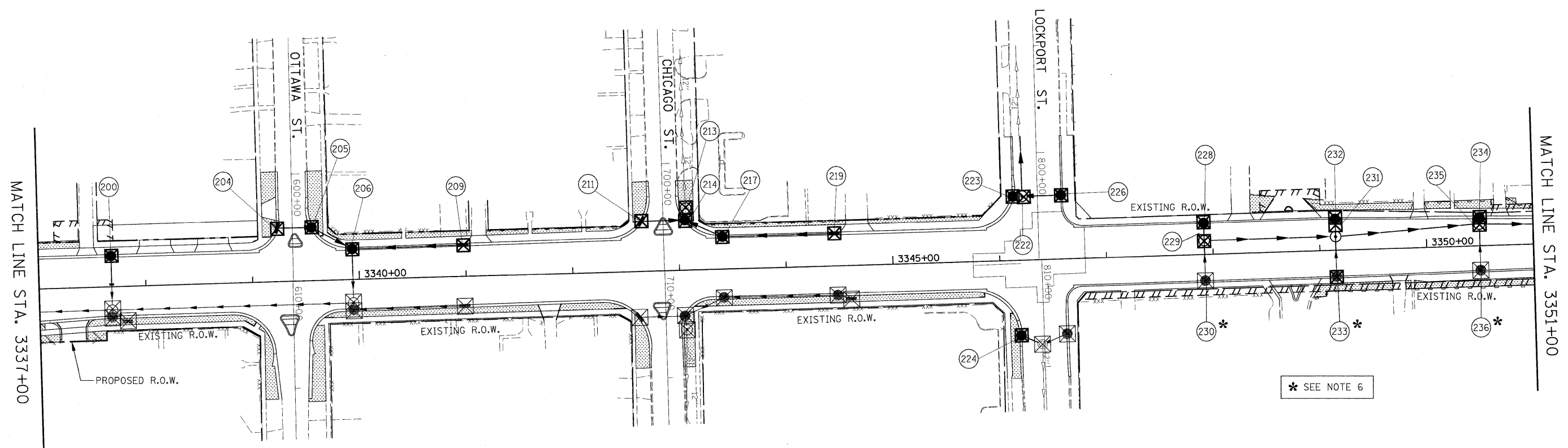
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|---|--|---|--|
|  | PERMANENT LANDSCAPING (SEE NOTE 3) |  | INLET FILTER |
|  | PERMANENT LANDSCAPING INSTALLED IN PREVIOUS STAGE (SEE NOTE 3) |  | INLET FILTER INSTALLED IN PREVIOUS STAGE |
|  | TEMPORARY PAVEMENT |  | PERMANENT DRAINAGE STRUCTURE NUMBER (SEE NOTE 5) |
|  | SEDIMENT CONTROL, SILT FENCE (SEE NOTE 2) |  | PROPOSED STORM SEWER (SEE NOTE 5) |
|  | SEDIMENT CONTROL, SILT FENCE INSTALLED IN PREVIOUS STAGE |  | TEMPORARY PIPE CULVERT |
|  | DRAINAGE STRUCTURE TO BE CLEANED |  | TEMPORARY CONSTRUCTION FENCE |

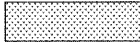











NOTES

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4. SEE STAGE 3 TO 5 OF THE CROSS SECTIONS FOR GRADING INFORMATION.
5. SEE PROPOSED DRAINAGE PLANS FOR STORM SEWER INFORMATION.



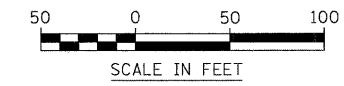
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FILEL	PLOT SCALE = *SCALE*	DRAWN - RTA	REVISED -		SCALE: AS SHOWN	SHEET NO. 1 OF 4 SHEETS	STA. 3325+00 TO STA. 3337+00	CONTRACT NO. 60E73				
	PLOT DATE = *DATE*	CHECKED - JCM	REVISED -									
		DATE - JANUARY 16, 2009	REVISED -									



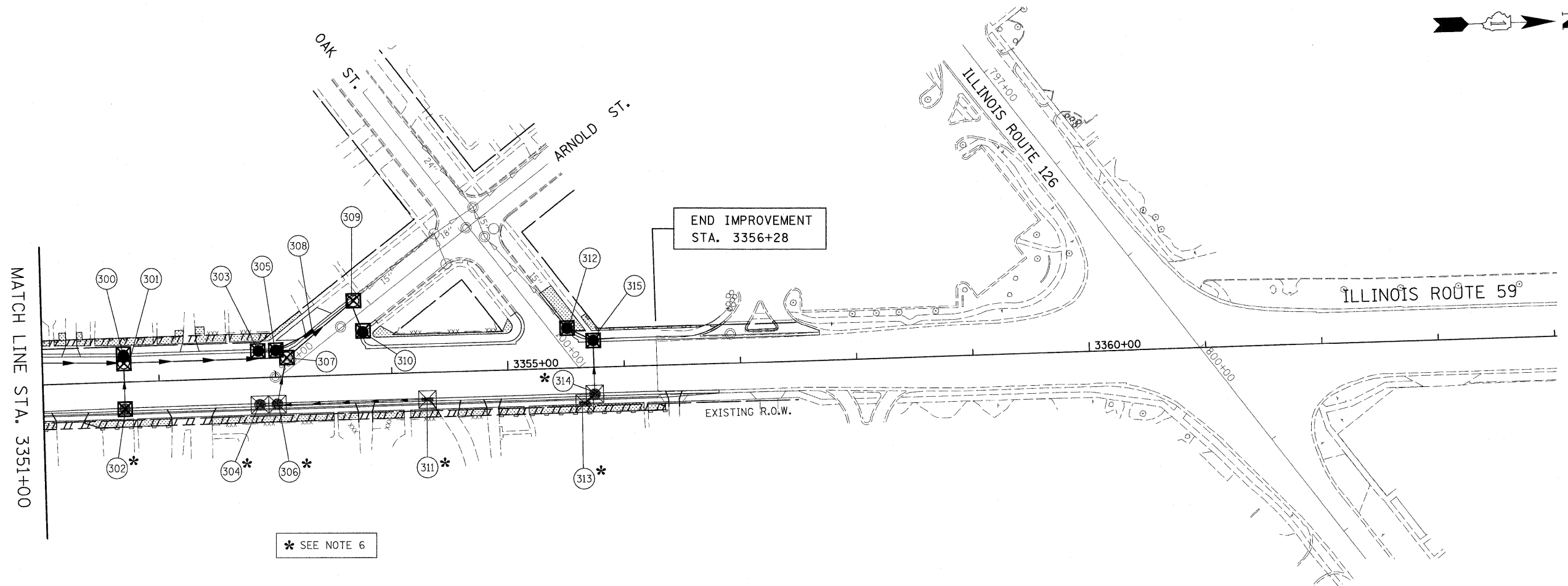
- | | | | |
|---|--|--|--|
|  | PERMANENT LANDSCAPING (SEE NOTE 3) |  | INLET FILTER |
|  | PERMANENT LANDSCAPING INSTALLED IN PREVIOUS STAGE (SEE NOTE 3) |  | INLET FILTER INSTALLED IN PREVIOUS STAGE |
|  | TEMPORARY PAVEMENT |  | PERMANENT DRAINAGE STRUCTURE NUMBER (SEE NOTE 5) |
|  | SEDIMENT CONTROL, SILT FENCE (SEE NOTE 2) |  | PROPOSED STORM SEWER (SEE NOTE 5) |
|  | SEDIMENT CONTROL, SILT FENCE INSTALLED IN PREVIOUS STAGE |  | TEMPORARY PIPE CULVERT |
|  | DRAINAGE STRUCTURE TO BE CLEANED |  | TEMPORARY CONSTRUCTION FENCE |

NOTES

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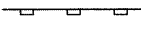
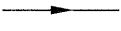






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		DATE - JANUARY 16, 2009	REVISED -								



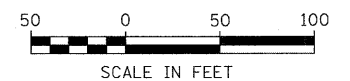
* SEE NOTE 6

EROSION CONTROL LEGEND

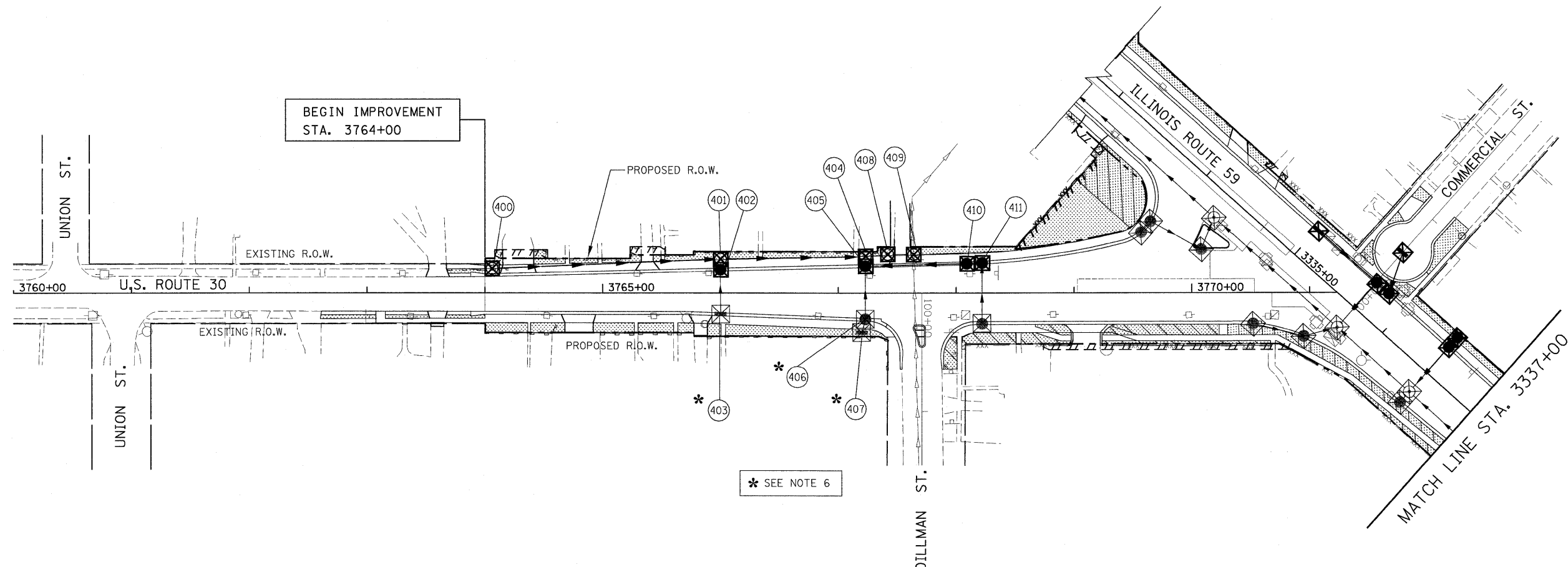
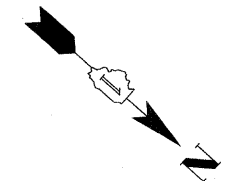
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|---|--|--|--|
|  | PERMANENT LANDSCAPING (SEE NOTE 3) |  | INLET FILTER |
|  | PERMANENT LANDSCAPING INSTALLED IN PREVIOUS STAGE (SEE NOTE 3) |  | INLET FILTER INSTALLED IN PREVIOUS STAGE |
|  | TEMPORARY PAVEMENT |  | PERMANENT DRAINAGE STRUCTURE NUMBER (SEE NOTE 5) |
|  | SEDIMENT CONTROL, SILT FENCE (SEE NOTE 2) |  | PROPOSED STORM SEWER (SEE NOTE 5) |
|  | SEDIMENT CONTROL, SILT FENCE INSTALLED IN PREVIOUS STAGE |  | TEMPORARY PIPE CULVERT |
|  | DRAINAGE STRUCTURE TO BE CLEANED |  | TEMPORARY CONSTRUCTION FENCE |

NOTES







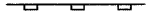

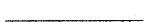
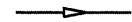

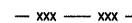
1. THE CONSTRUCTION LIMITS WILL BE STAKED BY THE ENGINEER PRIOR TO COMMENCING CONSTRUCTION. THE CONSTRUCTION LIMITS MAY BE ADJUSTED BY THE ENGINEER TO PRESERVE TREES. NO ADDITIONAL COMPENSATION WILL BE PAYMENT WILL BE MADE TO THE CONTRACTOR FOR CHANGES TO THE CONSTRUCTION LIMITS.
2. SEDIMENT CONTROL, SILT FENCE SHALL BE ERECTED ADJACENT TO R.O.W., EASEMENT, AND CONSTRUCTION LIMITS AND AS DIRECTED BY THE ENGINEER.
3. SEE LANDSCAPING PLANS FOR LANDSCAPING REQUIREMENTS.
4. SEE STAGE 3 TO 5 OF THE CROSS SECTIONS FOR GRADING INFORMATION.
5. SEE PROPOSED DRAINAGE PLANS FOR STORM SEWER INFORMATION.
6. REQUIRED ADJUSTMENT AND/OR RECONSTRUCTION OF THE PROPOSED STRUCTURE TO FINAL RIM ELEVATION SHALL NOT BE PAID FOR SEPARATELY. THE COST FOR THIS WORK SHALL BE INCLUDED IN THE COST OF THE PROPOSED STRUCTURE.



FILE NAME = #FILEL#	USER NAME = #USER#	DESIGNED - PJO	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	ILLINOIS ROUTE 59 EROSION CONTROL - STAGE 3 THRU 5	F.A. RTE. 338	SECTION 113 N-2	COUNTY WILL	TOTAL SHEETS 260	SHEET NO. 158	
	PLOT SCALE = #SCALE#	CHECKED - JCM	REVISED -			CONTRACT NO. 60E73					
	PLOT DATE = #DATE#	DATE - JANUARY 16, 2009	REVISED -			SCALE: AS SHOWN SHEET NO. 3 OF 4 SHEETS STA. 3351+00 TO STA. 3352+28		FED. ROAD DIST. NO. [ILLINOIS] FAP 338 (IL RTE. 59)			

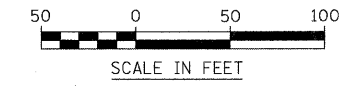


EROSION CONTROL LEGEND

- | | | | |
|---|--|--|--|
|  | PERMANENT LANDSCAPING (SEE NOTE 3) |  | INLET FILTER |
|  | PERMANENT LANDSCAPING INSTALLED IN PREVIOUS STAGE (SEE NOTE 3) |  | INLET FILTER INSTALLED IN PREVIOUS STAGE |
|  | TEMPORARY PAVEMENT |  | PERMANENT DRAINAGE STRUCTURE NUMBER (SEE NOTE 5) |
|  | SEDIMENT CONTROL, SILT FENCE (SEE NOTE 2) |  | PROPOSED STORM SEWER (SEE NOTE 5) |
|  | SEDIMENT CONTROL, SILT FENCE INSTALLED IN PREVIOUS STAGE |  | TEMPORARY PIPE CULVERT |
|  | DRAINAGE STRUCTURE TO BE CLEANED |  | TEMPORARY CONSTRUCTION FENCE |

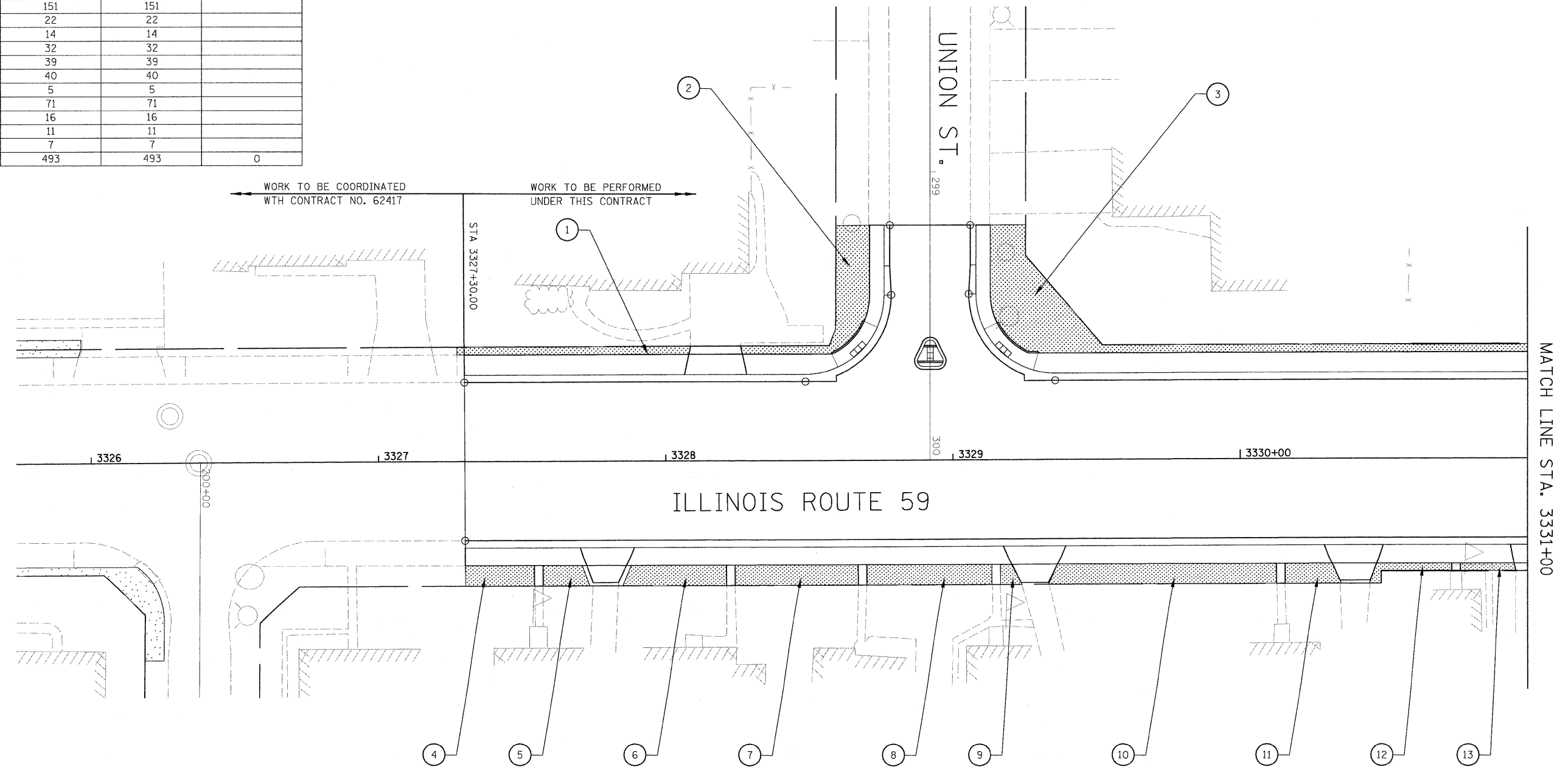
NOTES

1. THE CONSTRUCTION LIMITS WILL BE STAKED BY THE ENGINEER PRIOR TO COMMENCING CONSTRUCTION. THE CONSTRUCTION LIMITS MAY BE ADJUSTED BY THE ENGINEER TO PRESERVE TREES. NO ADDITIONAL COMPENSATION WILL BE PAYMENT WILL BE MADE TO THE CONTRACTOR FOR CHANGES TO THE CONSTRUCTION LIMITS.
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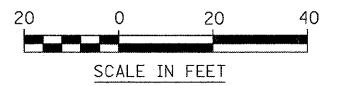
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	PLOT DATE = #DATE#	DATE - JANUARY 16, 2009	REVISED -			SCALE: AS SHOWN SHEET NO. 4 OF 4 SHEETS STA. 3760+00 TO STA. 3771+00				
						FED. ROAD DIST. NO. ILLINOIS FAP 338 (IL RTE. 59)				

AREA	SODDING, SALT TOLERANT SY	TOPSOIL FURNISH AND PLACE, 4" SY	TOPSOIL FURNISH AND PLACE, 12" SY
1	25	25	
2	60	60	
3	151	151	
4	22	22	
5	14	14	
6	32	32	
7	39	39	
8	40	40	
9	5	5	
10	71	71	
11	16	16	
12	11	11	
13	7	7	
SHEET TOTAL	493	493	0

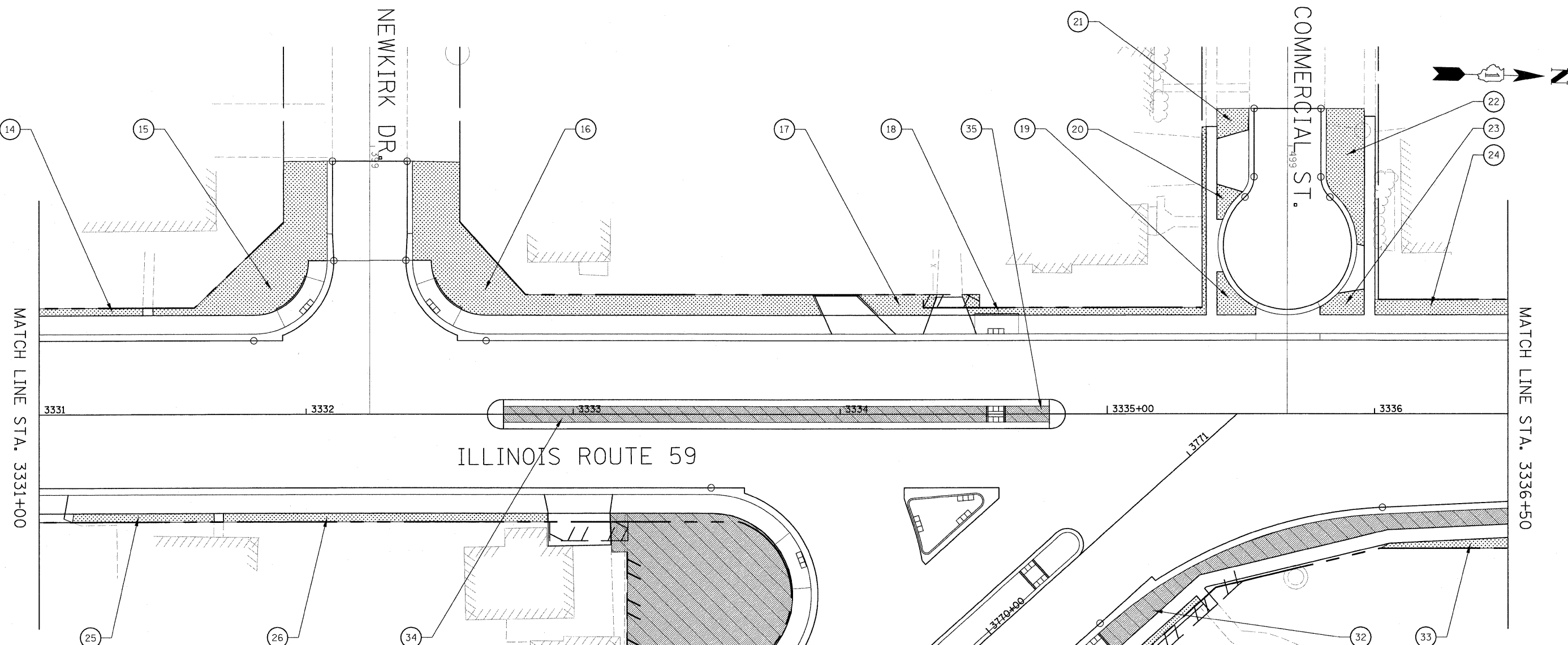


LEGEND

- SODDING, SALT TOLERANT AND TOPSOIL FURNISH AND PLACE, 4"
- SODDING, SALT TOLERANT AND TOPSOIL FURNISH AND PLACE, 12"



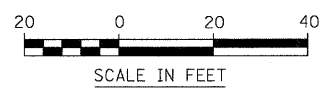
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#FILE#	PLOT SCALE = #SCALE#	DRAWN - RTA	REVISED -			338	113 N-2	WILL	260	160
	PLOT DATE = #DATE#	CHECKED - JCM	REVISED -			CONTRACT NO. 60E73				
		DATE - JANUARY 16, 2009	REVISED -	SCALE: AS SHOWN SHEET NO. 1 OF 7 SHEETS STA. 3327+30 TO STA. 3331+00		FED. ROAD DIST. NO. [ILLINOIS] FAP 338 (IL RTE. 59)				



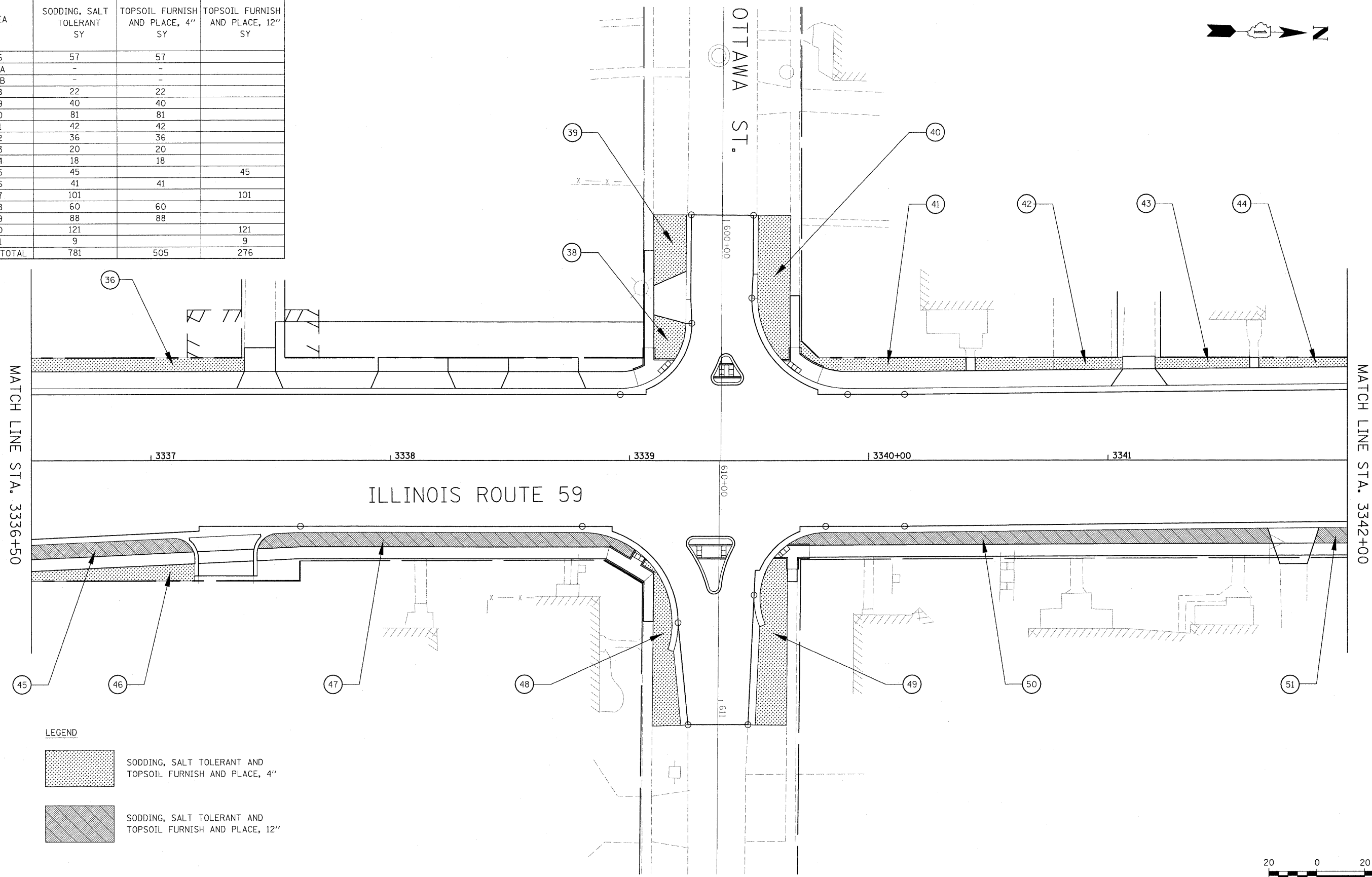
AREA	SODDING, SALT TOLERANT SY	TOPSOIL FURNISH AND PLACE, 4" SY	TOPSOIL FURNISH AND PLACE, 12" SY
14	12	12	
15	151	151	
16	239	239	
17	21	21	
18	42	42	
19	15	15	
20	8	8	
21	13	13	
22	61	61	
23	14	14	
24	57	57	
25	19	19	
26	43	43	
27	541		541
28	44	44	
29	NOT USED	NOT USED	
30	82		82
31	54	54	
32	127		127
33	14	14	
34	121		121
35	11		11
SHEET TOTAL	1689	806	883

LEGEND

- SODDING, SALT TOLERANT AND TOPSOIL FURNISH AND PLACE, 4"
- SODDING, SALT TOLERANT AND TOPSOIL FURNISH AND PLACE, 12"

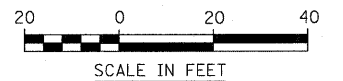


AREA	SODDING, SALT TOLERANT SY	TOPSOIL FURNISH AND PLACE, 4" SY	TOPSOIL FURNISH AND PLACE, 12" SY
36	57	57	
37A	-	-	
37B	-	-	
38	22	22	
39	40	40	
40	81	81	
41	42	42	
42	36	36	
43	20	20	
44	18	18	
45	45		45
46	41	41	
47	101		101
48	60	60	
49	88	88	
50	121		121
51	9		9
SHEET TOTAL	781	505	276

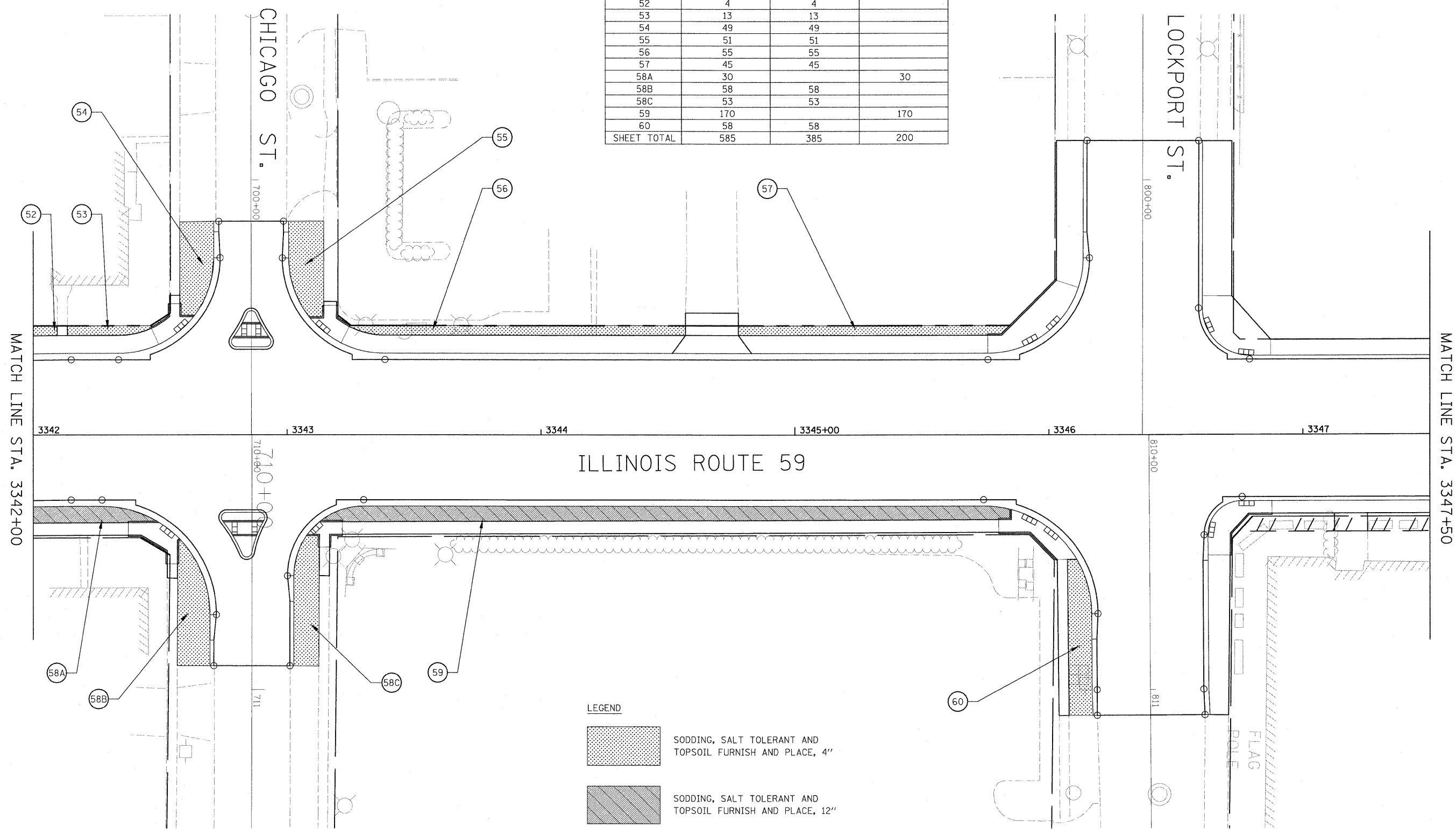
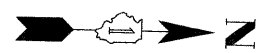


LEGEND

- SODDING, SALT TOLERANT AND TOPSOIL FURNISH AND PLACE, 4"
- SODDING, SALT TOLERANT AND TOPSOIL FURNISH AND PLACE, 12"



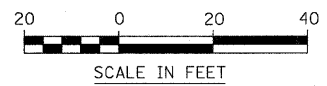
AREA	SODDING, SALT TOLERANT SY	TOPSOIL FURNISH AND PLACE, 4" SY	TOPSOIL FURNISH AND PLACE, 12" SY
52	4	4	
53	13	13	
54	49	49	
55	51	51	
56	55	55	
57	45	45	
58A	30		30
58B	58	58	
58C	53	53	
59	170		170
60	58	58	
SHEET TOTAL	585	385	200



ILLINOIS ROUTE 59

LEGEND

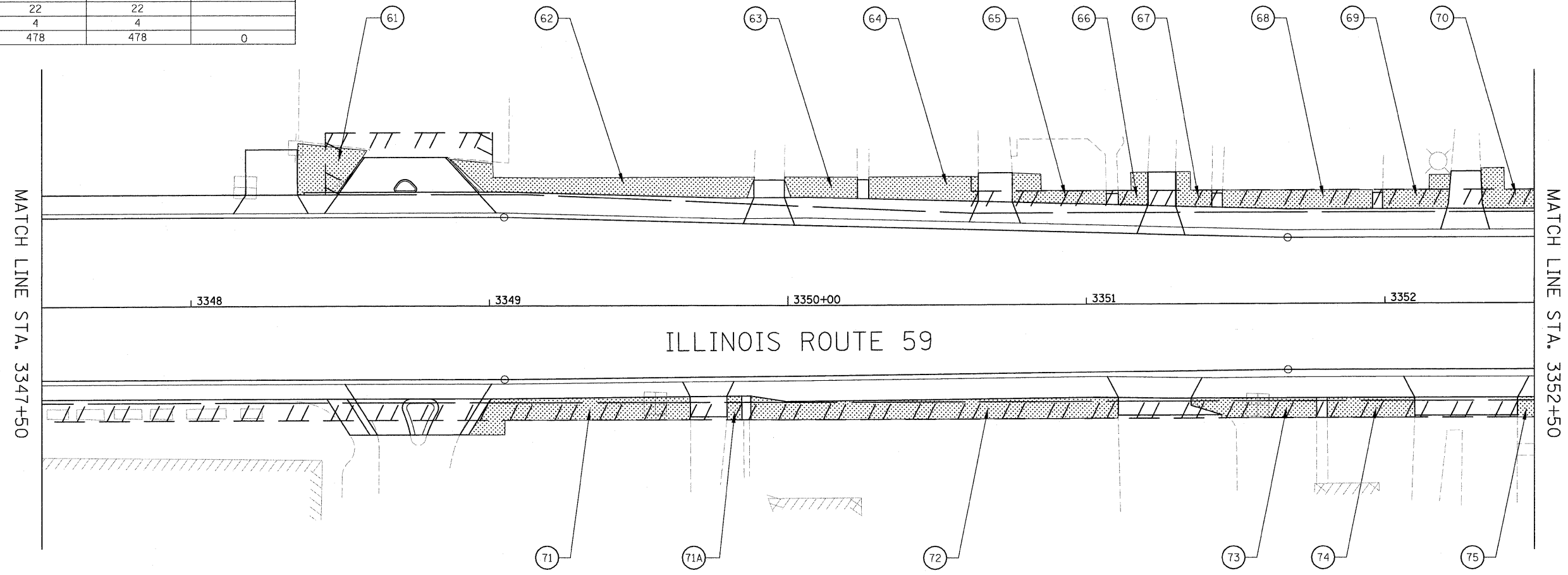
- SODDING, SALT TOLERANT AND TOPSOIL FURNISH AND PLACE, 4"
- SODDING, SALT TOLERANT AND TOPSOIL FURNISH AND PLACE, 12"



FILE NAME = \$FILEL\$	USER NAME = \$USER\$	DESIGNED - PJO	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	LANDSCAPE PLANS	F.A. RTE. 338	SECTION 113 N-2	COUNTY WILL	TOTAL SHEETS 260	SHEET NO. 163
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	PLOT DATE = \$DATE\$	DATE - JANUARY 16, 2009	REVISED -			FED. ROAD DIST. NO. ILLINOIS FAP 338 (IL RTE. 59)				
						SCALE: AS SHOWN	SHEET NO. 4 OF 7 SHEETS	STA. 3342+00 TO STA. 3347+50		

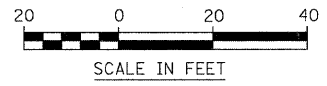


AREA	SODDING, SALT TOLERANT SY	TOPSOIL FURNISH AND PLACE, 4" SY	TOPSOIL FURNISH AND PLACE, 12" SY
61	32	32	
62	66	66	
63	18	18	
64	32	32	
65	21	21	
66	9	9	
67	11	11	
68	35	35	
69	20	20	
70	24	24	
71	62	62	
71A	90	90	
72	4	4	
73	28	28	
74	22	22	
75	4	4	
SHEET TOTAL	478	478	0



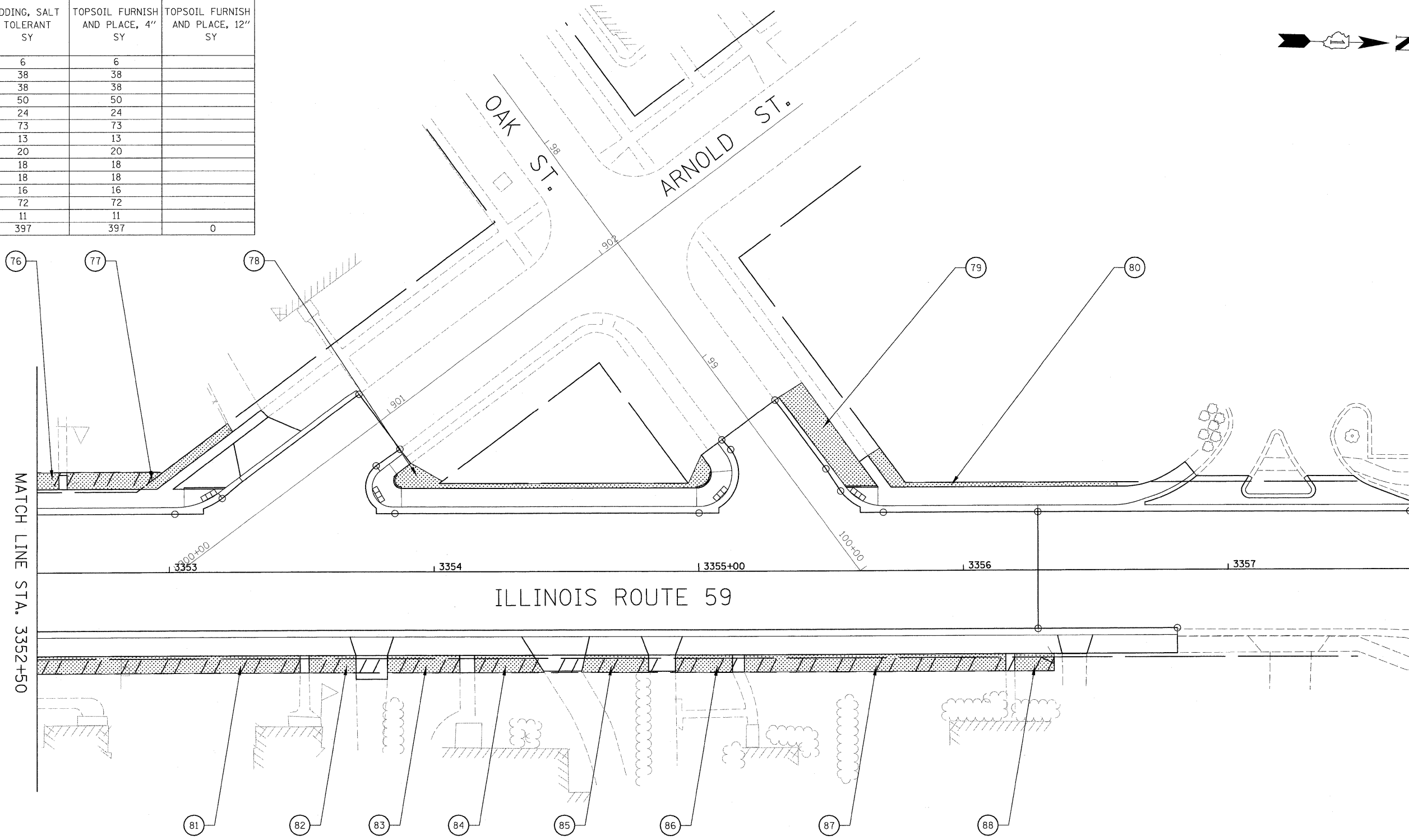
LEGEND

- SODDING, SALT TOLERANT AND TOPSOIL FURNISH AND PLACE, 4"
- SODDING, SALT TOLERANT AND TOPSOIL FURNISH AND PLACE, 12"



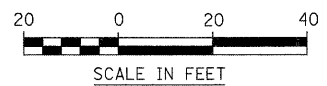
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	PLOT DATE = \$DATE\$	DATE - JANUARY 16, 2009	REVISED -			SCALE: AS SHOWN SHEET NO. 5 OF 7 SHEETS STA. 3347+50 TO STA. 3352+50				

AREA	SODDING, SALT TOLERANT SY	TOPSOIL FURNISH AND PLACE, 4" SY	TOPSOIL FURNISH AND PLACE, 12" SY
76	6	6	
77	38	38	
78	38	38	
79	50	50	
80	24	24	
81	73	73	
82	13	13	
83	20	20	
84	18	18	
85	18	18	
86	16	16	
87	72	72	
88	11	11	
SHEET TOTAL	397	397	0

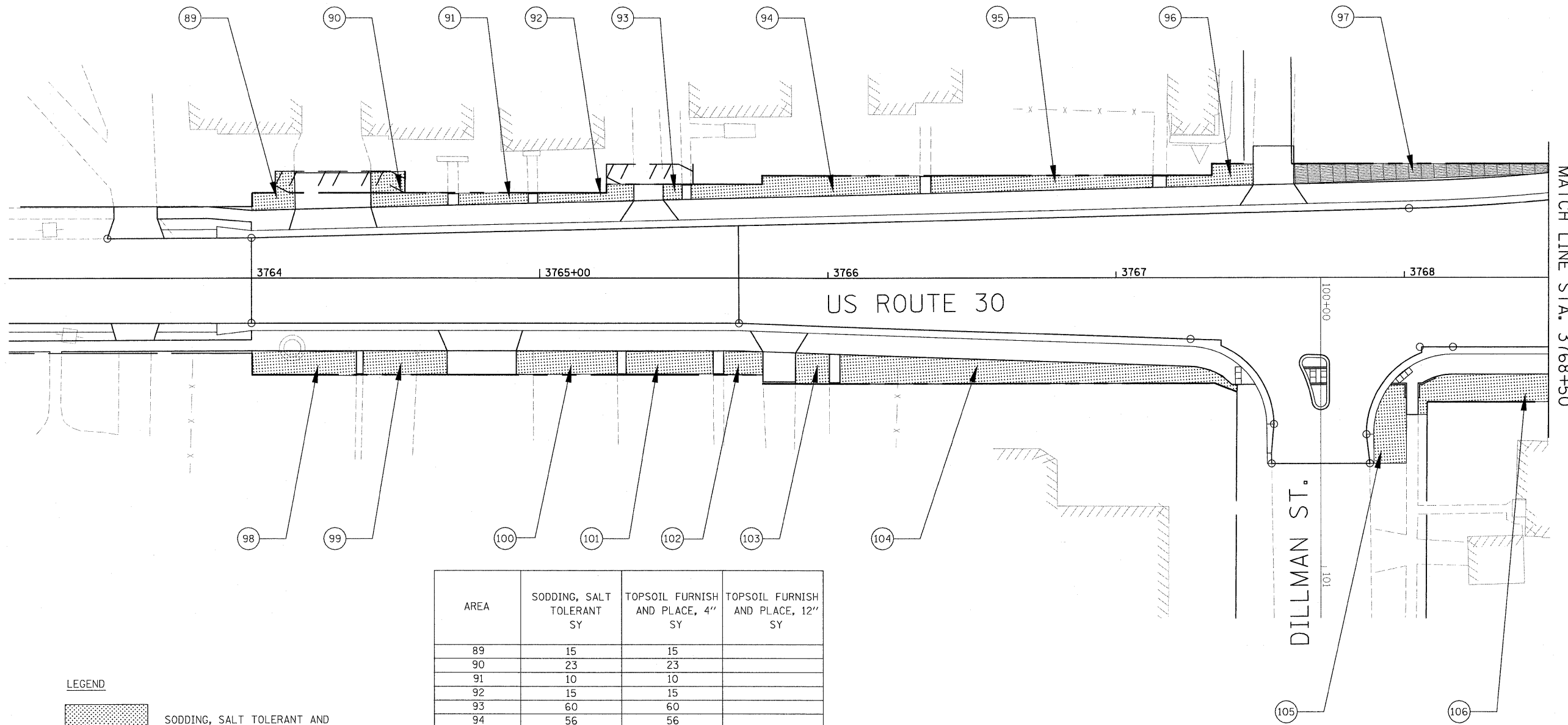
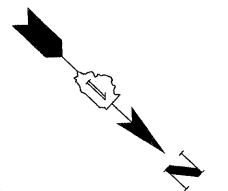


LEGEND


- SODDING, SALT TOLERANT AND TOPSOIL FURNISH AND PLACE, 4"
- SODDING, SALT TOLERANT AND TOPSOIL FURNISH AND PLACE, 12"




FILE NAME = \$FILEL\$	USER NAME = \$USER\$	DESIGNED - PJO	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	LANDSCAPE PLANS		F.A. RTE. 338	SECTION 113 N-2	COUNTY WILL	TOTAL SHEETS 260	SHEET NO. 165
	PLOT SCALE = \$SCALE\$	DRAWN - RTA	REVISED -		SCALE: AS SHOWN SHEET NO. 6 OF 7 SHEETS STA. 3352+50 TO STA. 3356+28		CONTRACT NO. 60E73				
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		DATE - JANUARY 16, 2009	REVISED -								

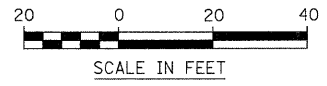


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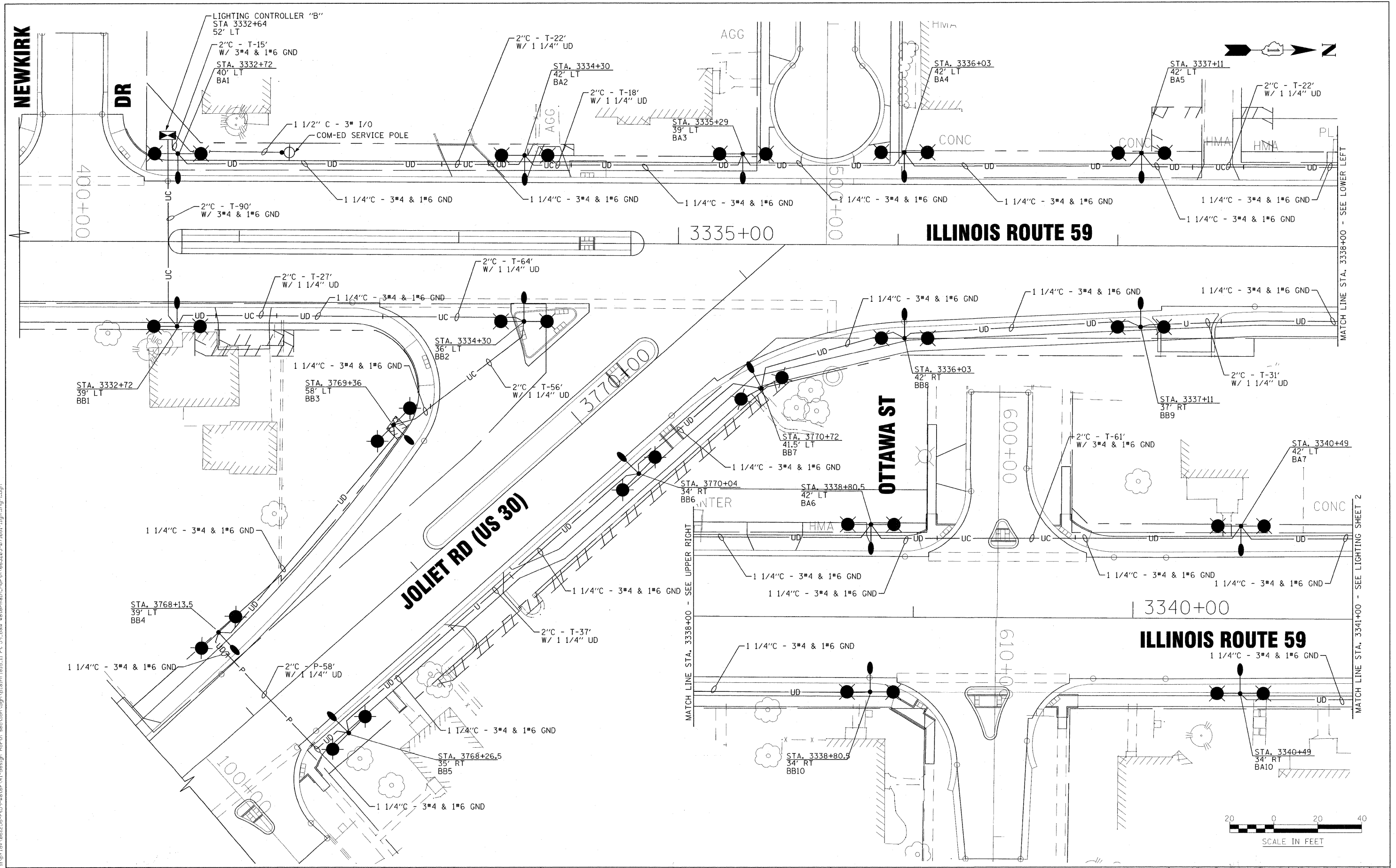
 SODDING, SALT TOLERANT AND TOPSOIL FURNISH AND PLACE, 4"

 SODDING, SALT TOLERANT AND TOPSOIL FURNISH AND PLACE, 12"

AREA	SODDING, SALT TOLERANT SY	TOPSOIL FURNISH AND PLACE, 4" SY	TOPSOIL FURNISH AND PLACE, 12" SY
89	15	15	
90	23	23	
91	10	10	
92	15	15	
93	60	60	
94	56	56	
95	45	45	
96	19	19	
97	56	56	
98	34	34	
99	27	27	
100	32	32	
101	27	27	
102	12	12	
103	14	14	
104	115	115	
105	31	31	
106	48	48	
STEET TOTAL	639	639	
TOTAL	5142	3784	1358



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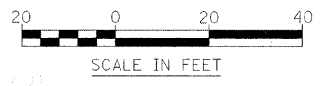
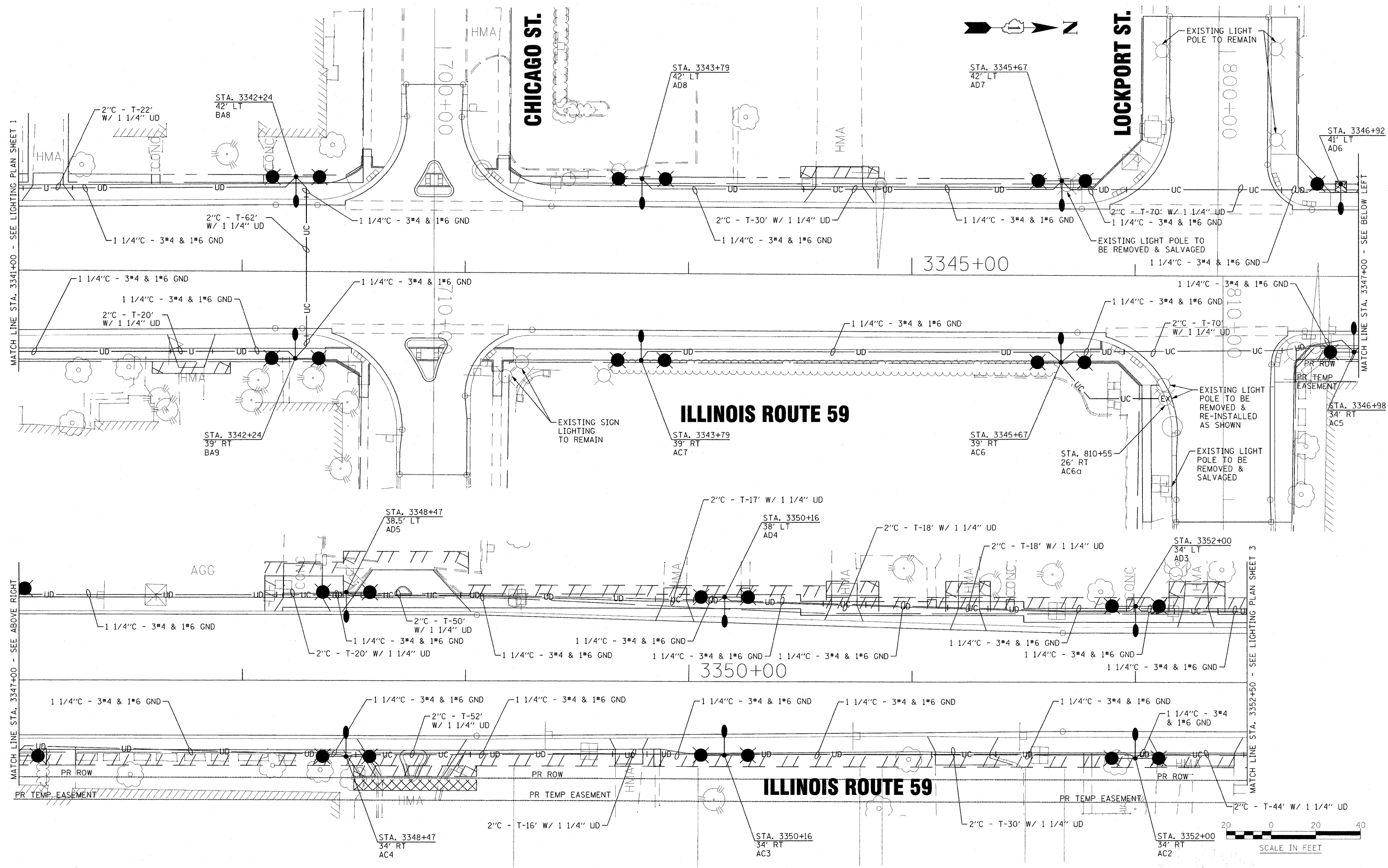
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PLOT DATE = 1/5/2009	CHECKED - SMV	REVISED -
	DATE - 06-13-08	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**ILLINOIS ROUTE 59
LIGHTING PLAN - SHEET 1**
SCALE: SHEET NO. 1 OF 9 SHEETS STA. 3332+00 TO STA. 3341+00

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS NO.	SHEET NO.
338	113 N-2	WILL	260	167
FED. ROAD DIST. NO. ILLINOIS			CONTRACT NO. 60E73	
FAP 338 (IL RTE. 59)				

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PLOT DATE = 1/5/2009	CHECKED - SMV	REVISED -
	DATE - 06-13-08	REVISED -

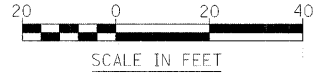
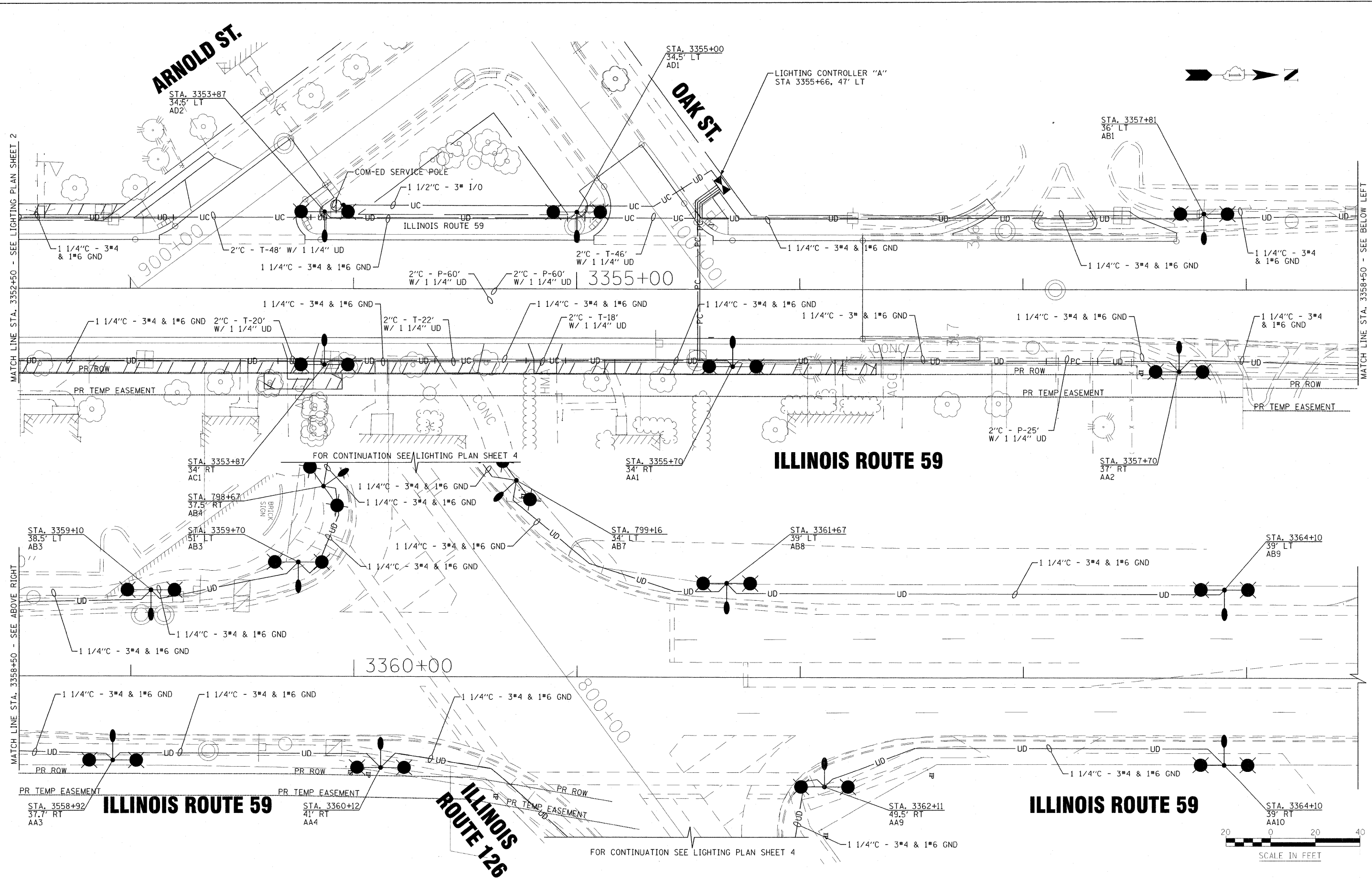
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**ILLINOIS ROUTE 59
LIGHTING PLAN - SHEET 2**

SCALE: 1" = 20' SHEET NO. 2 OF 9 SHEETS STA. 3341+00 TO STA. 3352+50

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS NO.
338	113 N-2	WILL	260 / 168
FED. ROAD DIST. NO.	ILLINOIS	FAP 338 (IL RTE. 59)	CONTRACT NO. 60E73

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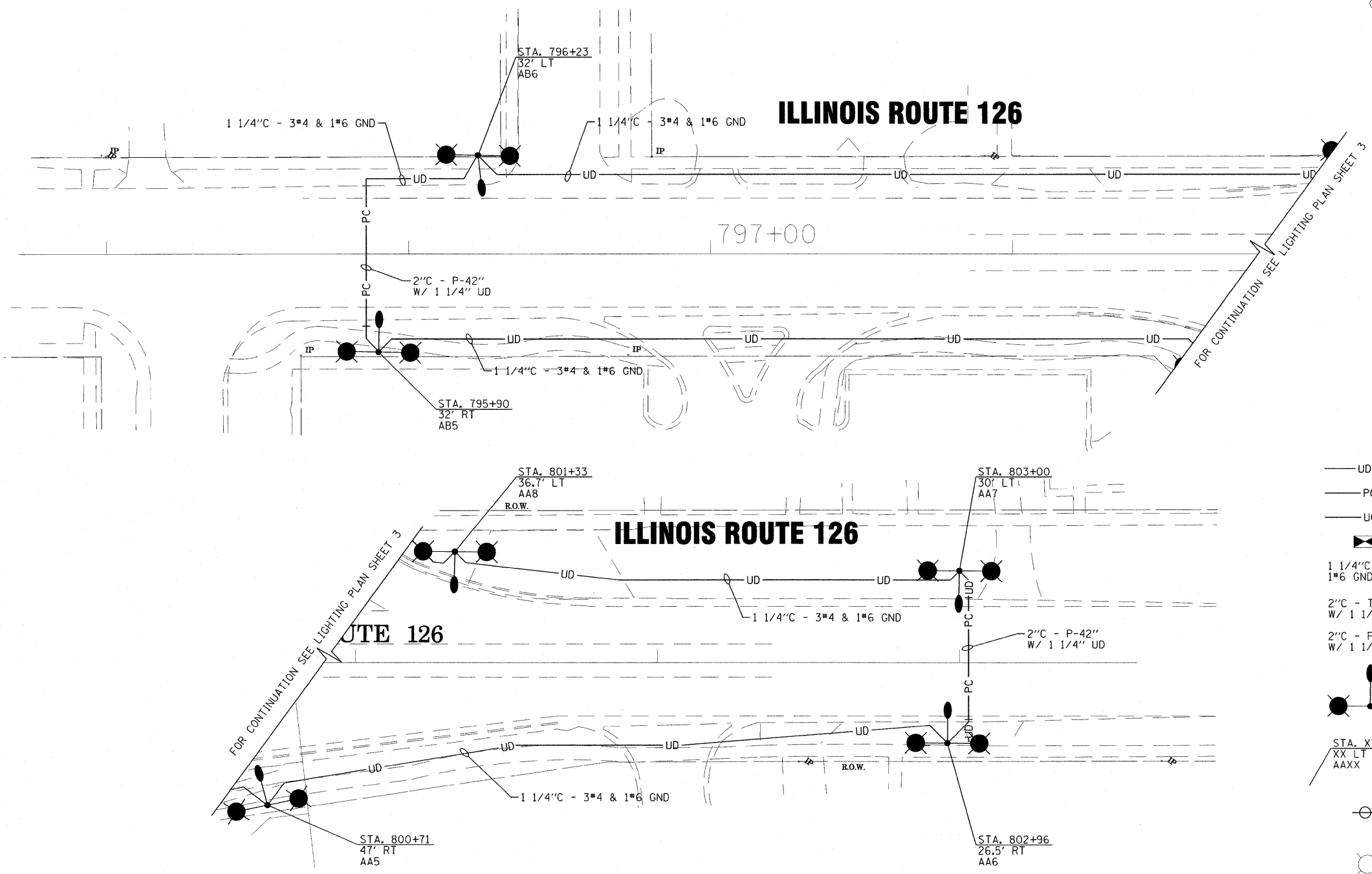


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	DATE - 06-13-08	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

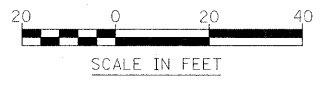
ILLINOIS ROUTE 59
LIGHTING PLAN - SHEET 3
SCALE: 1" = 20' SHEET NO. 3 OF 9 SHEETS STA. 3352+50 TO STA. 3364+00

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS NO.
338	113 N-2	WILL	260 / 69
FED. ROAD DIST. NO. ILLINOIS			CONTRACT NO. 60E73
FAP 338 (IL RTE. 59)			



LEGEND

- UD — UNIT DUCT
- PC — PUSHED CONDUIT
- UC — CONDUIT INSTALLED IN TRENCH
- ⊠ LIGHTING CONTROLLER
- 1 1/4" C - 3*4 & 1*6 GND 1 1/4 INCH CONDUIT W/ 3*4 & 1*6 GND INSTALLED INSIDE
- 2" C - T-64' W/ 1 1/4" UD 2 INCH CONDUIT INSTALLED IN TRENCH (64 FEET) W/ 1 1/4 INCH UNIT DUCT W/ 3*4 & 1*6 GND INSTALLED INSIDE
- 2" C - P-60' W/ 1 1/4" UD 2 INCH CONDUIT PUSHED (60 FEET) W/ 1 1/4 INCH UNIT DUCT W/ 3*4 & 1*6 GND INSTALLED INSIDE
- ⊙ LIGHT POLE W/ 250 WATT HPS LUMINAIRE AT 35' MOUNTING HEIGHT AND TWO (2) 50 WATT DECORATIVE LUMINAIRES AT 14' MOUNTING HEIGHT. 8' DAVIT ARM.
- ⊙ STA. XX+XX XX LT AAXX STATIONING DISTANCE LEFT (LT) OR RIGHT (RT) FROM CENTERLINE CONTROLLER A; CIRCUIT A; POLE NUMBER XX
- ⊙ COM-ED SERVICE POLE
- ⊙ EXISTING LIGHT POLE



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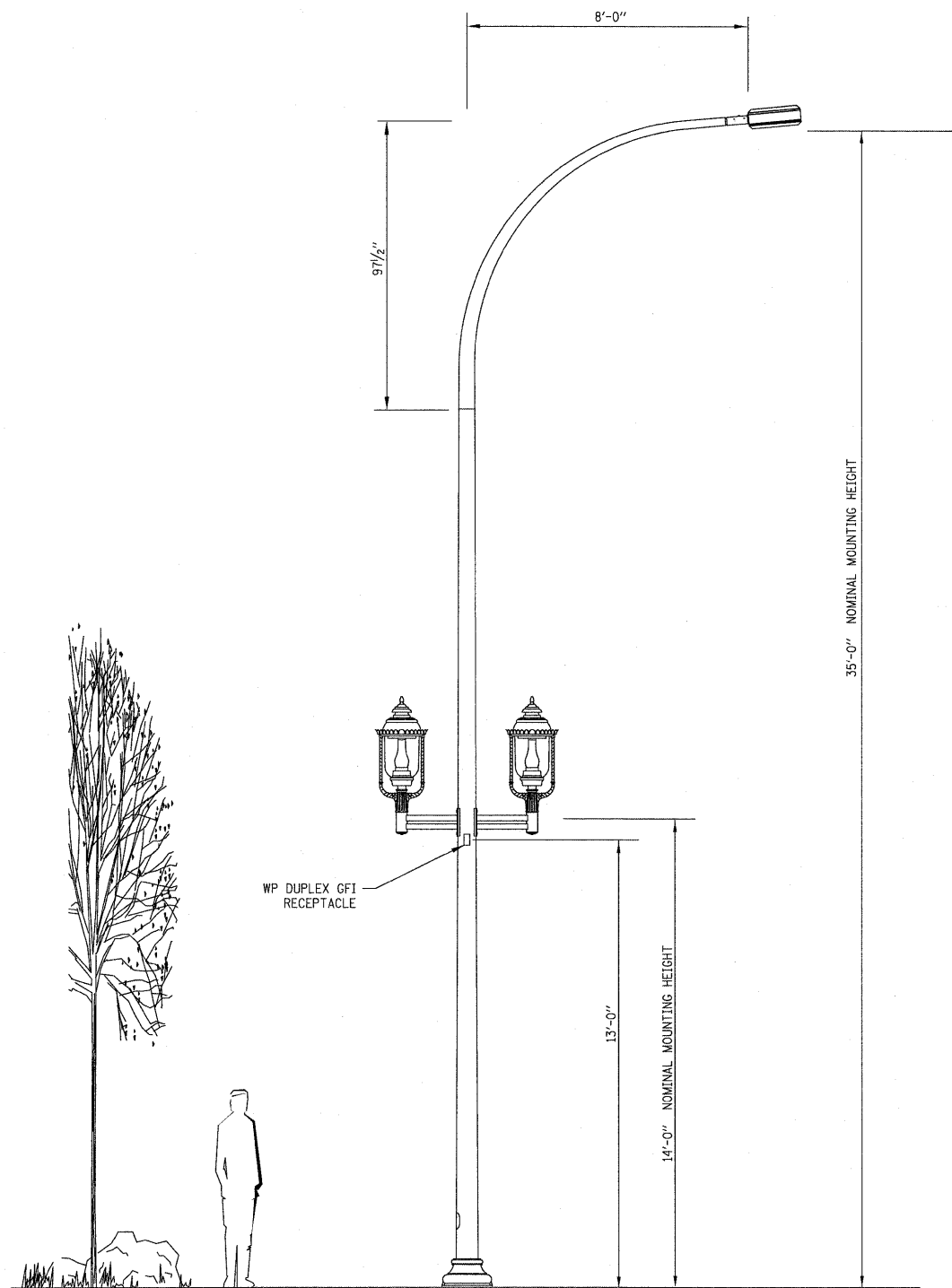
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PLOT SCALE = 20,0000' / IN.	DRAWN - KAR	REVISED -
PLOT DATE = 1/5/2009	CHECKED - SMV	REVISED -
	DATE - 06-13-08	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**ILLINOIS ROUTE 126
LIGHTING PLAN - SHEET 4**

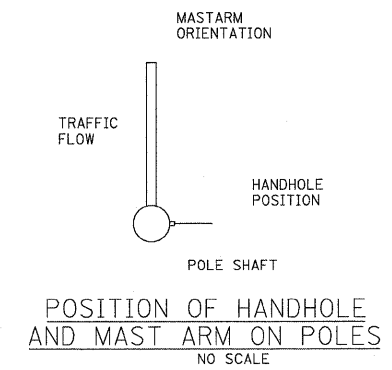
SCALE: 1" = 20' SHEET NO. 4 OF 9 SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
338	113 N-2	WILL	260	170
FED. ROAD DIST. NO. ILLINOIS			CONTRACT NO. 60E73	
			FAP 338 (IL RTE. 59)	

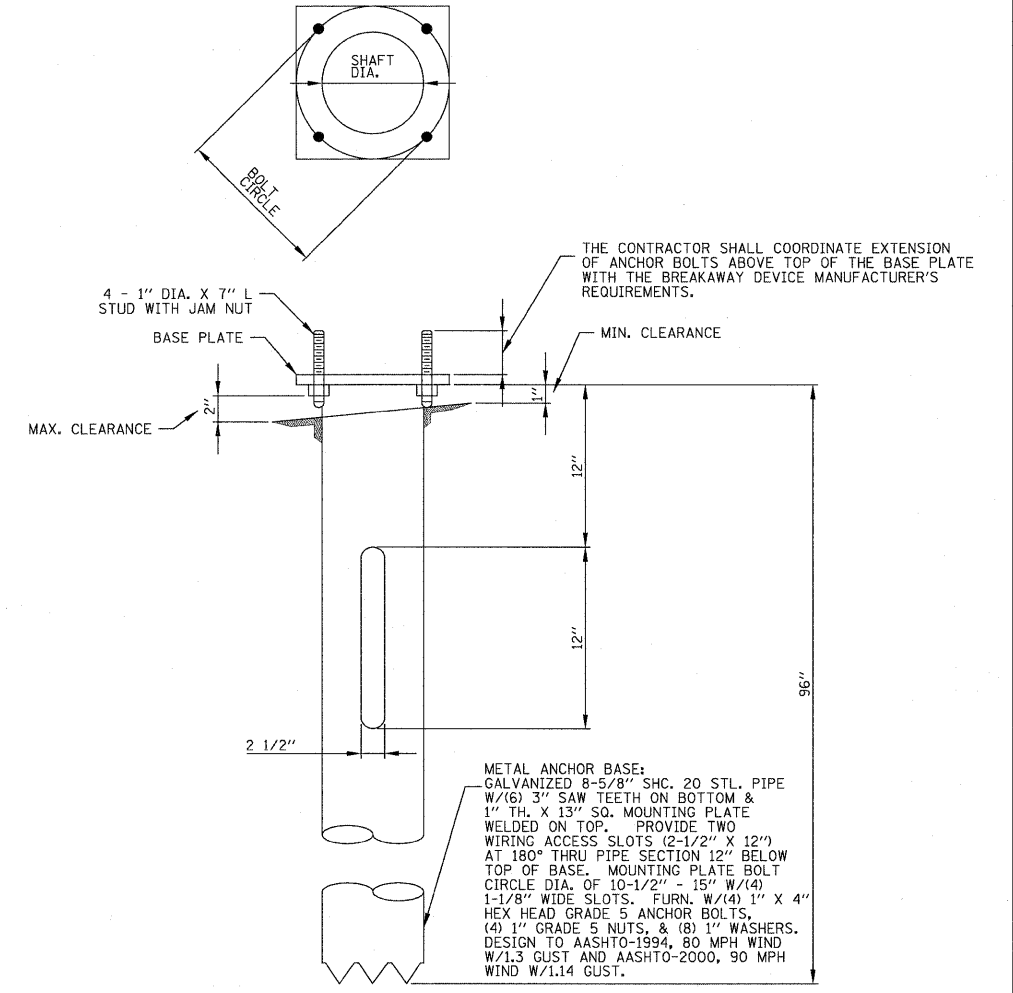


ROADWAY LIGHTING LUMINAIRE
NO SCALE

NOTE: ROADWAY LIGHTING LUMINAIRES PROVIDED BY VILLAGE FOR INSTALLATION BY CONTRACTOR.



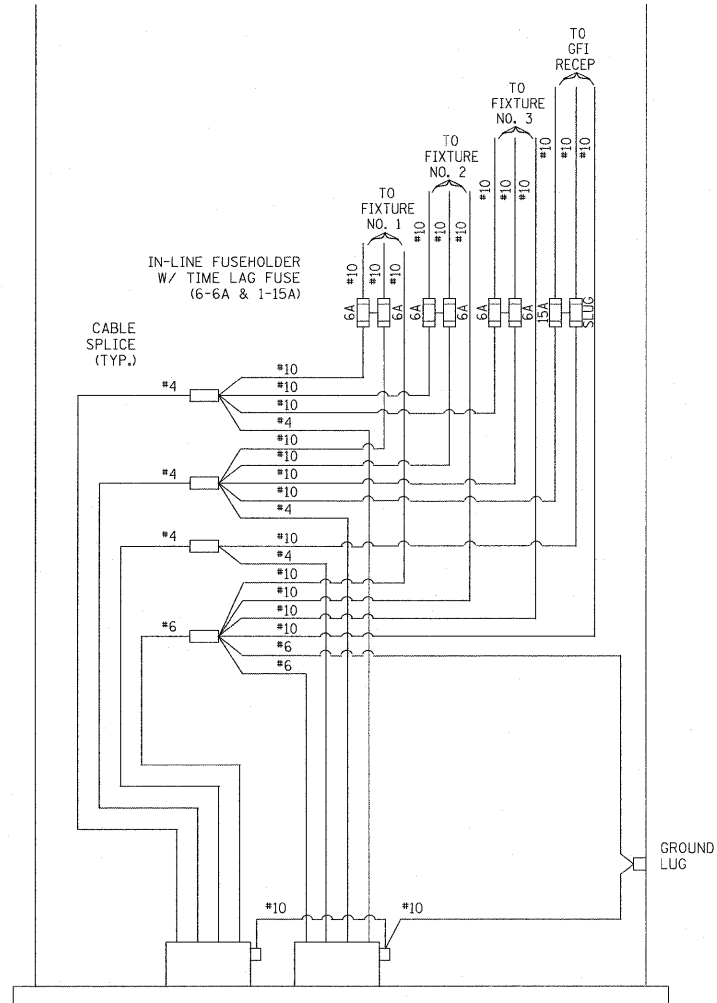
POSITION OF HANDHOLE AND MAST ARM ON POLES
NO SCALE



LIGHT POLE FOUNDATION DETAIL
NO SCALE

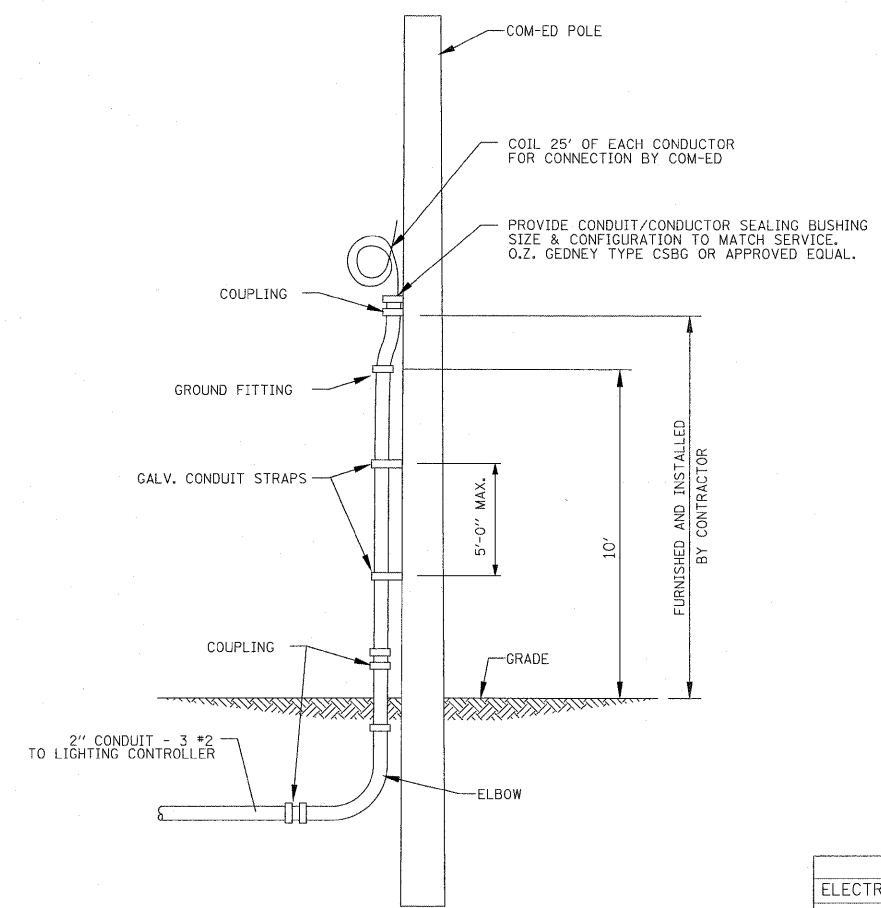
NOTE: METAL ANCHOR BASE PROVIDED BY VILLAGE FOR INSTALLATION BY CONTRACTOR.

FILE NAME = \$FILEL\$	USER NAME = *USER*	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	LIGHTING DETAILS			F.A. RTE. 338	SECTION 113 N-2	COUNTY WILL	TOTAL SHEETS 260	SHEET NO. 171
	PLOT SCALE = *SCALE*	DRAWN -	REVISED -		SCALE:	SHEET NO. 5 OF 9 SHEETS	STA.	TO STA.	CONTRACT NO. 60E73			
	PLOT DATE = *DATE*	CHECKED -	REVISED -						FED. ROAD DIST. NO. ILLINOIS FAP 338 (IL RTE. 59)			
		DATE - JANUARY 16, 2009	REVISED -									



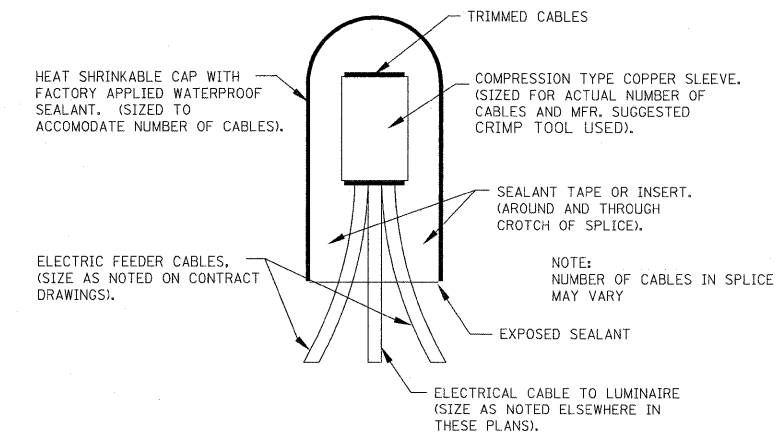
NOTE: ALTERNATE CONNECTION OF GFI RECEPTACLE BETWEEN L1 AND L2 AT EVERY OTHER POLE

POLE BASE WIRING DETAIL
NO SCALE

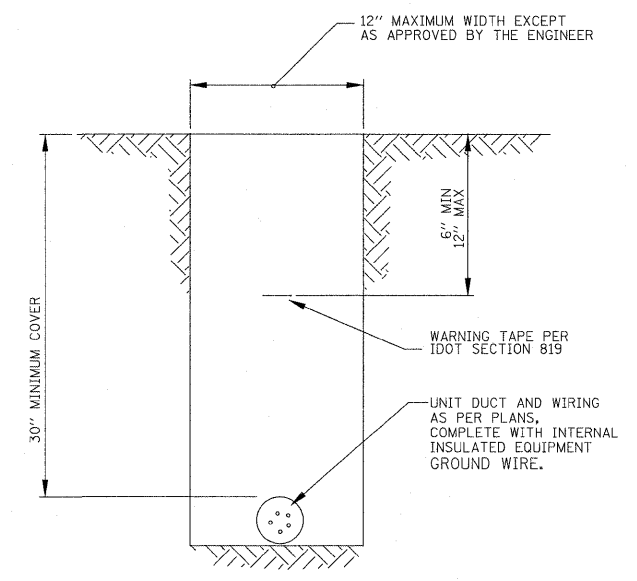


NOTE: SEE COM-ED BOOK OF INFORMATION AND REQUIREMENTS FOR THE SUPPLY OF ELECTRICAL SERVICE, ILL.C.C. NO.9, MARCH 15, 1989, PAGE NO. 104.

COM-ED OVERHEAD CONNECTION
NO SCALE



SPlicing ELECTRICAL Cables
BASIC MATERIALS AND METHODS
NO SCALE



TYPICAL WIRING IN TRENCH DETAIL
NO SCALE

SUMMARY OF QUANTITIES
(CONSTRUCTION TYPE CODE Y030-1E)

DESCRIPTION	UNIT	ABBREVIATION	QUANTITY	CODE #
ELECTRICAL SERVICE INSTALLATION	EACH	ELECT SERV INSTALL	2	80400100
ELECTRIC UTILITY SERVICE CONNECTION	LSUM	ELECT UTIL SERV CONN	1	80400200
CONDUIT IN TRENCH, 2" DIA. GALVANIZED STEEL	FOOT	CON T 2 GALVS	1247	81000600
CONDUIT IN TRENCH, 2 1/2" DIA. GALVANIZED STEEL	FOOT	CON T 2 1/2 GALVS	140	81000700
CONDUIT PUSHED, 2" DIA. GALVANIZED STEEL	FOOT	CON P 2 GALVS	250	81018500
CONDUIT PUSHED, 2-1/2" DIA. GALVANIZED STEEL	FOOT	CON P 2 1/2 GALVS	455	81018600
UNIT DUCT, 600V, 3-1/2" NO. 4, 1/2" NO. 6 GROUND, (EPR-TYPE RHW), 1 1/4" DIA. POLYETHYLENE	FOOT	UD 3*4#6GEPRRH 1 1/4	7414	81603210
ELECTRIC CABLE IN CONDUIT, 600V (XLP-TYPE USE) 3-1/2" NO. 1/0	FOOT	EC C XLP USE 3-1C 1/0	400	81702440
TRENCH AND BACKFILL FOR ELECTRICAL WORK	FOOT	TR & BKFIL F ELECT WK	8801	81900200
LUMINAIRE, SODIUM VAPOR, HORIZONTAL MOUNT, 250 WATT (INSTALL ONLY)	EACH	LUM SV HOR MT 250W	54	*****
LUMINAIRE, SODIUM VAPOR, VERTICAL MOUNT, 50 WATT (INSTALL ONLY)	EACH	LUM SV VM 50W	108	*****
LIGHTING CONTROLLER, SPECIAL (INSTALL ONLY)	EACH	LIGHT CONTROLLER SPL	2	*****
LIGHT POLE, ALUMINUM, 35 FT. M.H., 8 FT. DAVIT ARM (INSTALL ONLY)	EACH	LT P A 35MH 8DA	54	*****
LIGHT POLE FOUNDATION, METAL, 15" BOLT CIRCLE, 8" X 8" (INSTALL ONLY)	EACH	LPFM 15 BC 8" X 8"	54	*****
REMOVAL OF EXISTING LIGHTING UNIT, SALVAGE	EACH	REM EX LT UNIT SALV	2	84200500
LIGHTING FOUNDATION REMOVAL	EACH	LIGHTING FDN REMOV	2	84200700

FILE NAME = I:\PFI\04\061256-RT95-Maxp.v4-Design NORTH Section.dgn\Plan\1.ed.I.Rt.59.8.kw Water\Plan-No-th\663203-071681-lighting-det-3.dgn

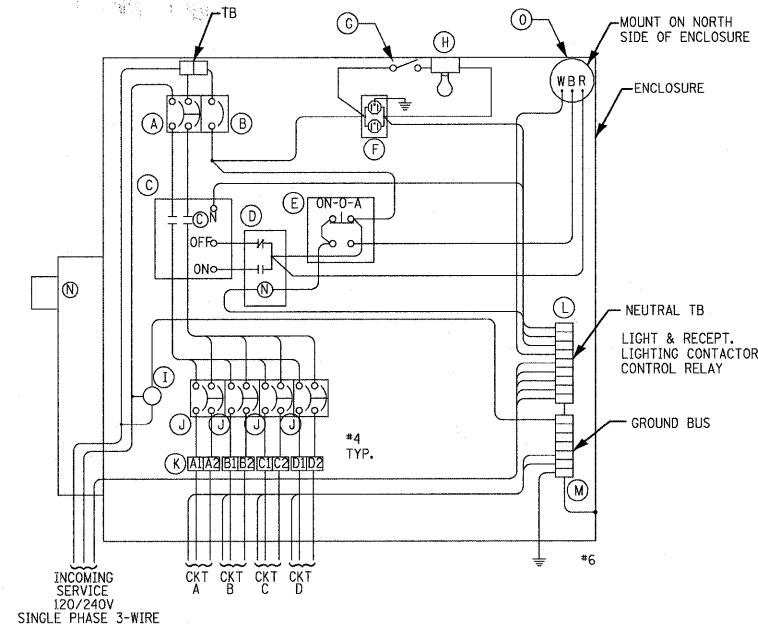
USER NAME = 560kar	DESIGNED - SMV	REVISED - 03-10-09
PLOT SCALE = 4,0000' / IN.	DRAWN - KAR	REVISED -
PLOT DATE = 3/5/2009	CHECKED - SMV	REVISED -
	DATE - 06-13-08	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

LIGHTING DETAILS

SCALE:	SHEET NO. 6 OF 9 SHEETS	STA.	TO STA.
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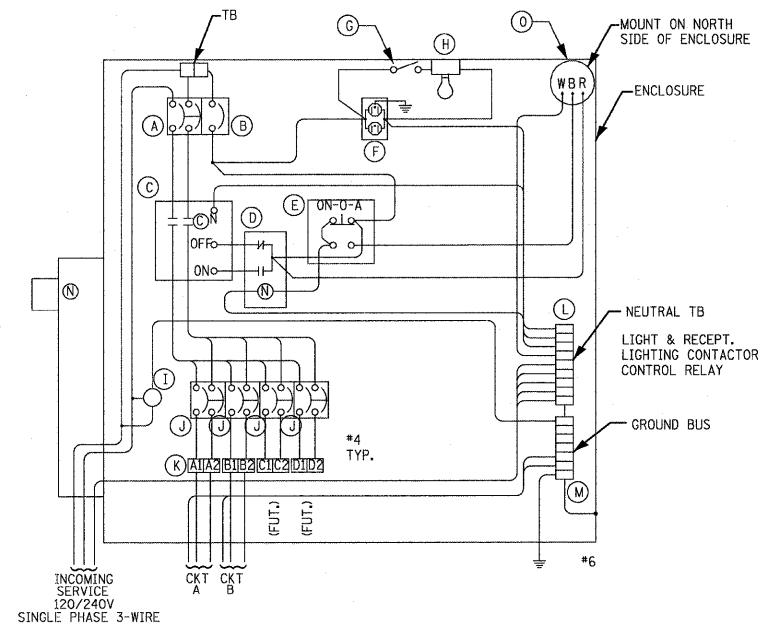
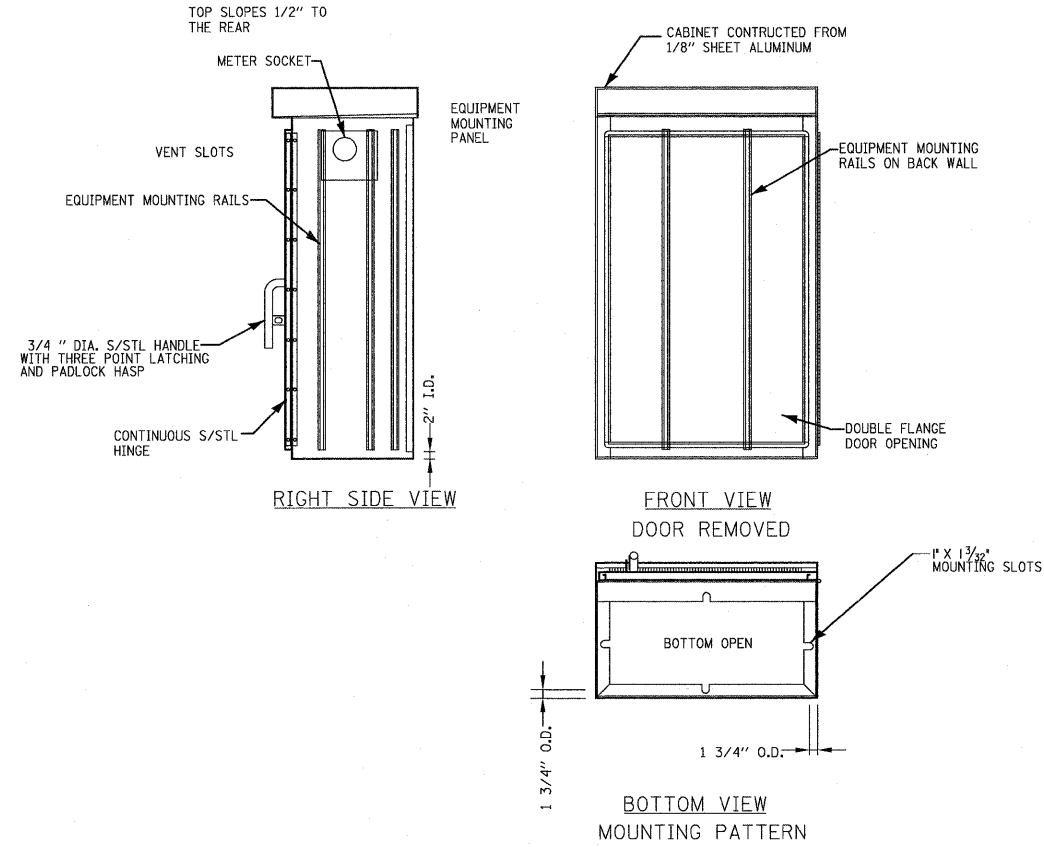
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
338	113 N-2	WILL	260	172
CONTRACT NO. 60E73				
FED. ROAD DIST. NO.		ILLINOIS	FAP 338 (IL RTE. 59)	



LIGHTING CONTROLLER "A"
WIRING DIAGRAM

ITEM	QTY.	DESCRIPTION
A	1	MAIN CIRCUIT BREAKER, MOLDED CASE, THERMAL MAGNETIC, 2-POLE, 240 V. SINGLE-PHASE, 150 A., BOLT-ON TYPE, TRIP INTERRUPTING RATING OF 22,000 RMS SYMMETICAL AMPERES AT 240 V.
B	1	CONTROL CIRCUIT BREAKER, MOLDED CASE, THERMAL MAGNETIC, SINGLE-POLE, 120 V. SINGLE-PHASE 20 A. BOLT-ON TYPE, TRIP INTERRUPTING RATING OF 14,000 RMS SYMMETICAL AMPERES AT 120 V.
C	1	LIGHTING CONTACTOR MECHANICALLY HELD, CUTLER HAMMER A202K4BAM 200 A. 2-POLE, 600 V. WITH 120 COIL
D	1	CONTROL RELAY CUTLER HAMMER D3PR2 RATED 12 A. AT 120 VAC
E	1	ON-OFF-AUTO 3-POSITION SELECTOR SWITCH GE CR104P HEAVY DUTY SWITCH, RATED FOR 10 A. AT 600 VAC.
F	1	GFCI RECEPTACLE, 120 V., 20 A. SPEC. GRADE, NEMA CONFIG. 5-20R
G	1	SPDT MOMENTARY NORMALLY OPEN, NORMALLY CLOSED PUSHBUTTON SWITCH CUTLER HAMMER 84F1063 RATED 15 A. AT 120 V.
H	1	60 WATT LIGHT FIXTURE, VAPOR TIGHT, WITH GLOBE, GUARD AND MOUNTING BOX.
I	4	SECONDARY SURGE ARRESTER SQUARE D SDSA1175, 175 VAC PHASE-TO-GROUND MAXIMUM
J	4	BRANCH LIGHTING CIRCUIT BREAKER, MOLDED CASE, THERMAL MAGNETIC, 2-POLE, 240 V. SINGLE-PHASE, 40 A. TRIP INTERRUPTING RATING 10,000 RMS SYMMETICAL AMPERES AT 240 V.
K	1	TERMINAL BLOCK RATED 600 V., 85 A.
L	1	COPPER NEUTRAL BUS
M	1	COPPER GROUND BUS
N	1	COM-ED SERVICE METER
O	1	PHOTOCELL

LIGHTING CONTROLLER "A"
COMPONENT SCHEDULE

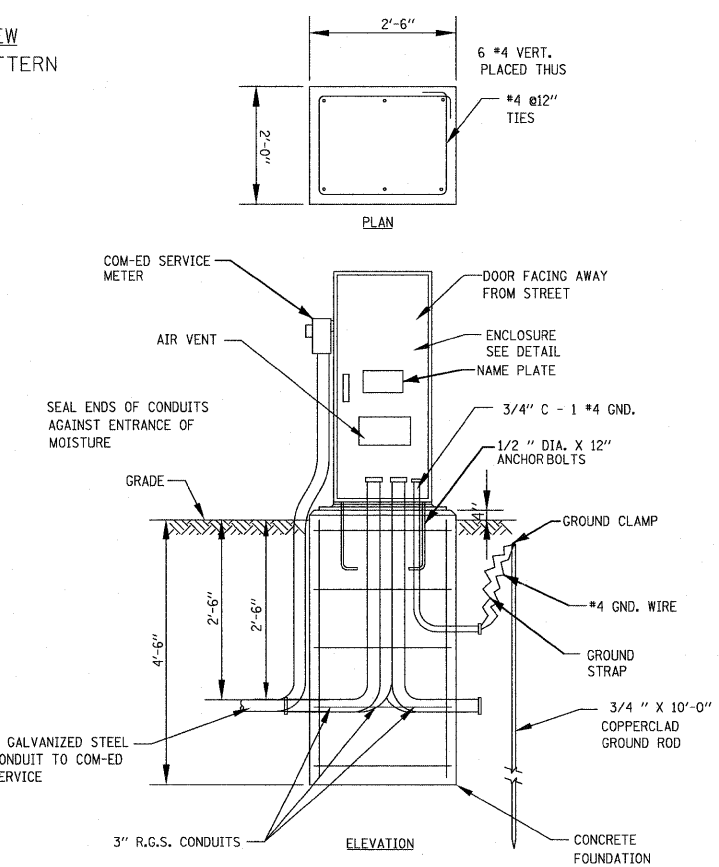


LIGHTING CONTROLLER "B"
WIRING DIAGRAM

ITEM	QTY.	DESCRIPTION
A	1	MAIN CIRCUIT BREAKER, MOLDED CASE, THERMAL MAGNETIC, 2-POLE, 240 V. SINGLE-PHASE, 150 A., BOLT-ON TYPE, TRIP INTERRUPTING RATING OF 22,000 RMS SYMMETICAL AMPERES AT 240 V.
B	1	CONTROL CIRCUIT BREAKER, MOLDED CASE, THERMAL MAGNETIC, SINGLE-POLE, 120 V. SINGLE-PHASE 20 A. BOLT-ON TYPE, TRIP INTERRUPTING RATING OF 14,000 RMS SYMMETICAL AMPERES AT 120 V.
C	1	LIGHTING CONTACTOR MECHANICALLY HELD, CUTLER HAMMER A202K4BAM 200 A. 2-POLE, 600 V. WITH 120 COIL
D	1	CONTROL RELAY CUTLER HAMMER D3PR2 RATED 12 A. AT 120 VAC
E	1	ON-OFF-AUTO 3-POSITION SELECTOR SWITCH GE CR104P HEAVY DUTY SWITCH, RATED FOR 10 A. AT 600 VAC.
F	1	GFCI RECEPTACLE, 120 V., 20 A. SPEC. GRADE, NEMA CONFIG. 5-20R
G	1	SPDT MOMENTARY NORMALLY OPEN, NORMALLY CLOSED PUSHBUTTON SWITCH CUTLER HAMMER 84F1063 RATED 15 A. AT 120 V.
H	1	60 WATT LIGHT FIXTURE, VAPOR TIGHT, WITH GLOBE, GUARD AND MOUNTING BOX.
I	4	SECONDARY SURGE ARRESTER SQUARE D SDSA1175, 175 VAC PHASE-TO-GROUND MAXIMUM
J	4	BRANCH LIGHTING CIRCUIT BREAKER, MOLDED CASE, THERMAL MAGNETIC, 2-POLE, 240 V. SINGLE-PHASE, 40 A. TRIP INTERRUPTING RATING 10,000 RMS SYMMETICAL AMPERES AT 240 V.
K	1	TERMINAL BLOCK RATED 600 V., 85 A.
L	1	COPPER NEUTRAL BUS
M	1	COPPER GROUND BUS
N	1	COM-ED SERVICE METER
O	1	PHOTOCELL

LIGHTING CONTROLLER "B"
COMPONENT SCHEDULE

- NOTES
- CABINET SHALL BE FABRICATED FROM 0.125-INCH SHEET ALUMINUM #3003H14, FORMED AND ARC WELDED ASSEMBLY.
 - ALL SCREWS AND HARDWARE SHALL BE PLATED, GALVANIZED, OR MADE OF BRASS, ALUMINUM, OR STAINLESS STEEL.
 - NAME PLATE SHALL HAVE ENGRAVED 0.75-INCH HIGH LETTERS FILLED IN BLACK: "STREET LIGHTING".
 - CABINET SHALL BE PRIMED AND PAINTED AS SPECIFIED.
 - ELECTRIC UTILITY METER BOX SHALL BE MOUNTED ON THE SIDE OF CONTROL CABINET AS SHOWN ON THE PANEL LAYOUT DIAGRAM.
 - THE COMPLETED CONTROLLER SHALL BE U.L. LISTED AS AN INDUSTRIAL CONTROL PANEL UNDER UL508.
 - METAL MOUNTING PANEL SHALL BE #10 GAUGE GALVANIZED SHEET STEEL FLANGED BACK 0.75-INCHES I.D. ON 4 SIDES.
 - CIRCUIT BREAKERS, CONTACTORS AND OTHER COMPONENTS SHALL MOUNTED ON 0.125-INCH THICK GLASTIC INSULATION BACK PANEL.
 - ALL DEVICES SHALL BE FRONT REMOVABLE.
 - BUS BAR SHALL HAVE 22 LUG TERMINALS SIZED TO ACCOMMODATE REQUIRED WIRE SIZES. NEUTRAL BUS SHALL BE PAINTED WHITE. GROUND BUS SHALL BE PAINTED GREEN.
 - ALL LUGS SHALL BE COPPER SCREWS AND CONNECTORS, SPRING HELD.
 - ALL WIRING TERMINATIONS SHALL BE RATED 75 DEGREES C. (MIN.).
 - ALL CONTROL WIRING SHALL BE 600V RATED, TYPE MTW.
 - ALL POWER WIRING SHALL BE 600V TYPE RHH/RHW.
 - A LAMINATED COPY OF THE CIRCUIT SCHEMATIC DIAGRAM SHALL BE ATTACHED TO THE INSIDE OF THE CONTROLLER.
 - ALL 120 VOLT SYSTEM AND ALL CONTROL WIRING SHALL BE #12 AWG STRANDED UNLESS OTHERWISE INDICATED.
 - ALL WIRING SHALL BE NEATLY DRESSED AND SUPPORTED.



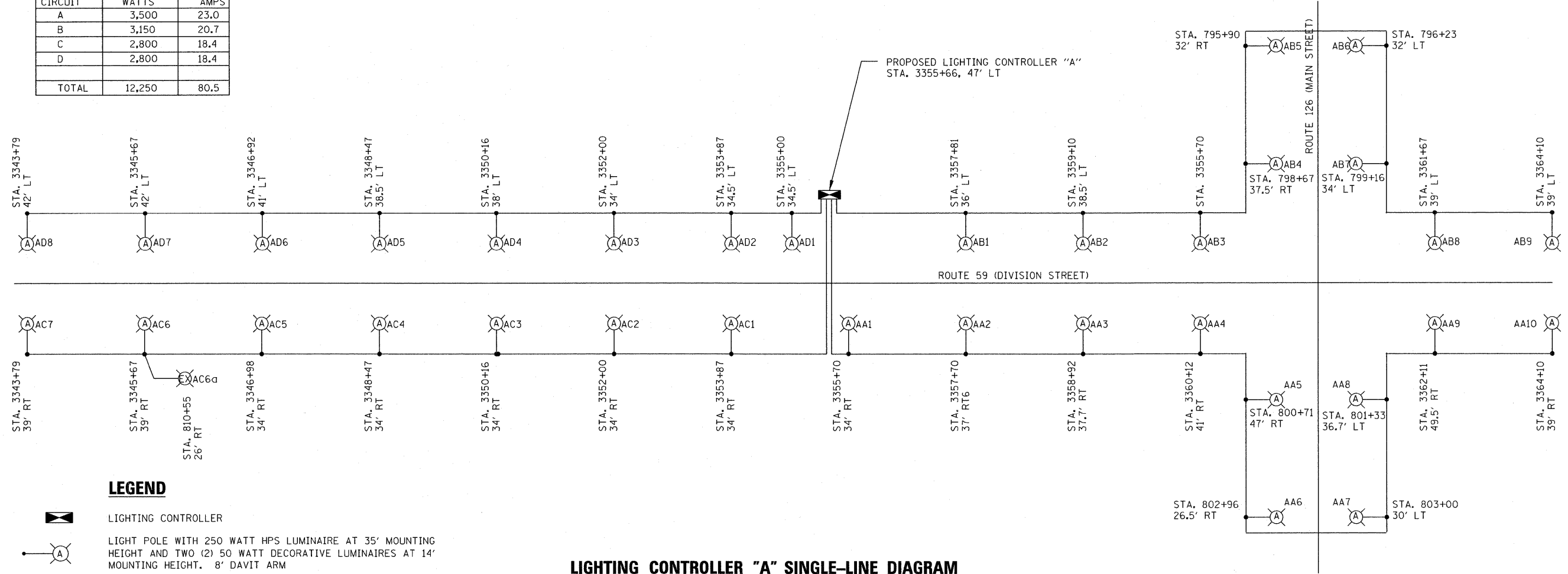
LIGHTING CONTROLLER AND FOUNDATION DETAIL
NO SCALE

NOTE: SERVICE METER, CONDUITS & FOUNDATION PROVIDED BY CONTRACTOR. LIGHTING CONTROLLER FURNISHED BY VILLAGE FOR INSTALLATION BY CONTRACTOR.



NOT TO SCALE

LOAD TABULATIONS FOR LIGHTING CONTROLLER "A"		
CIRCUIT	WATTS	AMPS
A	3,500	23.0
B	3,150	20.7
C	2,800	18.4
D	2,800	18.4
TOTAL	12,250	80.5



LEGEND



LIGHTING CONTROLLER



LIGHT POLE WITH 250 WATT HPS LUMINAIRE AT 35' MOUNTING HEIGHT AND TWO (2) 50 WATT DECORATIVE LUMINAIRES AT 14' MOUNTING HEIGHT, 8' DAVIT ARM

LIGHTING CONTROLLER "A" SINGLE-LINE DIAGRAM

FILE NAME: I:\p10\061256-r459-aoter\41-design\north section\planfield\1.rvt 59.lbk watermain-north\663223-071681-lighting-one-line-diagram.dgn

USER NAME = 263mac	DESIGNED - SMV	REVISED - 10-06-08
PLOT SCALE = 20.0000' / IN.	DRAWN - KAR	REVISED -
PLOT DATE = 1/5/2009	CHECKED - SMV	REVISED -
	DATE - 06-13-08	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SINGLE-LINE DIAGRAM

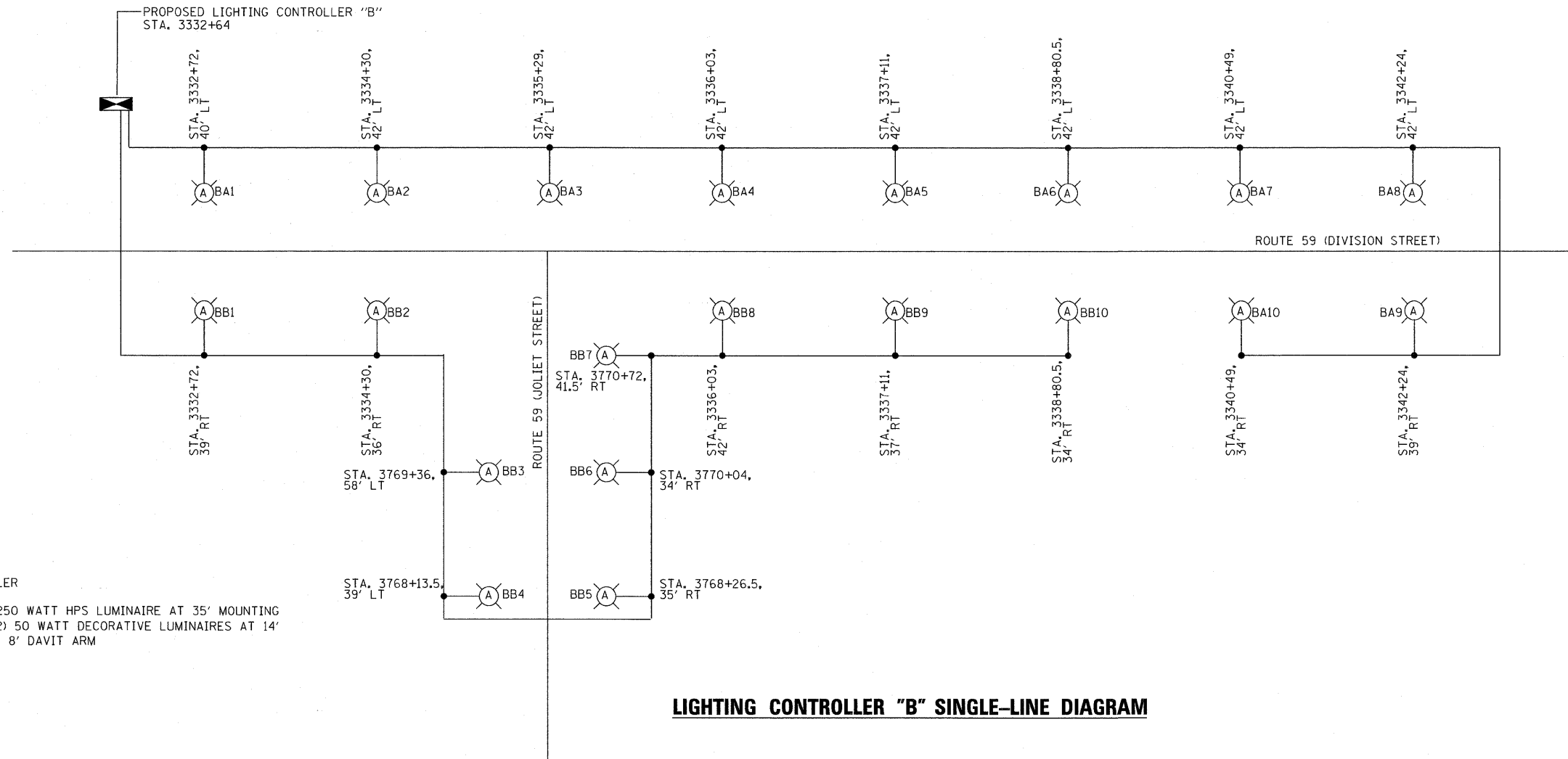
SCALE: SHEET NO. 8 OF 9 SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
338	113 N-2	WILL	260	174
FED. ROAD DIST. NO. ILLINOIS			CONTRACT NO. 60E73	
			FAP 338 (IL RTE. 59)	



NOT TO SCALE

LOAD TABULATIONS FOR LIGHTING CONTROLLER "B"		
CIRCUIT	WATTS	AMPS
A	3,500	23.0
B	3,500	23.0
C	---	---
D	---	---
TOTAL	7,000	46.0



LEGEND

- LIGHTING CONTROLLER
- LIGHT POLE WITH 250 WATT HPS LUMINAIRE AT 35' MOUNTING HEIGHT AND TWO (2) 50 WATT DECORATIVE LUMINAIRES AT 14' MOUNTING HEIGHT. 8' DAVIT ARM

LIGHTING CONTROLLER "B" SINGLE-LINE DIAGRAM

FILE NAME = s:\p7\id\061206-r459-aster\41-design\north\section\sign\plan\field\1_rt_59_bk.wor\main-north\663203-071681-lighting-one_line.dwg

USER NAME = 263mac	DESIGNED - SMV	REVISED -
	DRAWN - KAR	REVISED -
PLOT SCALE = 20.0000' / IN.	CHECKED - SMV	REVISED -
PLOT DATE = 1/5/2009	DATE - 06-13-08	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SINGLE-LINE DIAGRAM

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

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
338	113 N-2	WILL	260	175
FED. ROAD DIST. NO. ILLINOIS			CONTRACT NO. 60E73	
			FAP 338 (IL RTE. 59)	

SUMMARY OF QUANTITIES						
DESIGNATION	UNIT	TOTAL QUANTITIES	IL. RTE. 59 @ US 30	IL. RTE. 59 @ LOCKPORT ST.	TEMPORARY INTERCONNECT	PROPOSED INTERCONNECT
SIGN PANEL - TYPE 1	50 FT	54	22.5	31.5	-	-
CONDUIT IN TRENCH, 2" DIA., GALVANIZED STEEL	FOOT	2316	547	432	-	1337
CONDUIT IN TRENCH, 2 1/2" DIA., GALVANIZED STEEL	FOOT	227	176	51	-	-
CONDUIT IN TRENCH, 3" DIA., GALVANIZED STEEL	FOOT	179	179	-	-	-
CONDUIT IN TRENCH, 4" DIA., GALVANIZED STEEL	FOOT	91	15	76	-	-
CONDUIT PUSHED, 2" DIA., GALVANIZED STEEL	FOOT	693	163	114	-	416
CONDUIT PUSHED, 4" DIA., GALVANIZED STEEL	FOOT	503	271	232	-	-
HANDHOLE	EACH	16	7	6	-	3
HEAVY-DUTY HANDHOLE	EACH	3	1	2	-	-
DOUBLE HANDHOLE	EACH	4	2	2	-	-
TRENCH AND BACKFILL FOR ELECTRICAL WORK	FOOT	3076	1082	657	-	1337
MAINTENANCE OF EXISTING TRAFFIC SIGNAL INSTALLATION	EACH	1	-	-	-	1
FULL-ACTUATED CONTROLLER AND TYPE IV CABINET, SPECIAL	EACH	1	-	1	-	-
FULL-ACTUATED CONTROLLER AND TYPE V CABINET, SPECIAL	EACH	1	1	-	-	-
MASTER CONTROLLER	EACH	1	-	-	-	1
TRANSCEIVER-FIBER OPTIC	EACH	2	1	1	-	-
ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 2C	FOOT	1382	626	756	-	-
ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 3C	FOOT	2864	1350	1514	-	-
ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 5C	FOOT	2329	1187	1142	-	-
ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 7C	FOOT	1743	767	976	-	-
ELECTRIC CABLE IN CONDUIT, LEAD-IN, NO. 14 1 PAIR	FOOT	4648	2272	2376	-	-
ELECTRIC CABLE IN CONDUIT, SERVICE, NO. 6 2C	FOOT	62	36	26	-	-
TRAFFIC SIGNAL POST, GALVANIZED STEEL 14 FT.	EACH	1	1	-	-	-
TRAFFIC SIGNAL POST, GALVANIZED STEEL 16 FT.	EACH	4	2	2	-	-
STEEL MAST ARM ASSEMBLY AND POLE, 20 FT.	EACH	1	1	-	-	-
STEEL MAST ARM ASSEMBLY AND POLE, 22 FT.	EACH	1	-	1	-	-
STEEL MAST ARM ASSEMBLY AND POLE, 24 FT.	EACH	3	1	2	-	-
STEEL MAST ARM ASSEMBLY AND POLE, 28 FT.	EACH	1	1	-	-	-
STEEL MAST ARM ASSEMBLY AND POLE, 40 FT.	EACH	1	-	1	-	-
STEEL MAST ARM ASSEMBLY AND POLE, 44 FT.	EACH	1	1	-	-	-
CONCRETE FOUNDATION, TYPE A	FOOT	24	16	8	-	-
CONCRETE FOUNDATION, TYPE C	FOOT	8	4	4	-	-
CONCRETE FOUNDATION, TYPE E 30-INCH DIAMETER	FOOT	75	30	45	-	-
CONCRETE FOUNDATION, TYPE E 36-INCH DIAMETER	FOOT	45	30	15	-	-
DRILL EXISTING HANDHOLE	EACH	1	-	-	-	1
SIGNAL HEAD, L.E.D., 1-FACE, 3-SECTION, MAST ARM MOUNTED	EACH	10	5	5	-	-
SIGNAL HEAD, L.E.D., 1-FACE, 3-SECTION, BRACKET MOUNTED	EACH	2	1	1	-	-
SIGNAL HEAD, L.E.D., 1-FACE, 5-SECTION, BRACKET MOUNTED	EACH	5	2	3	-	-
SIGNAL HEAD, L.E.D., 1-FACE, 5-SECTION, MAST ARM MOUNTED	EACH	5	2	3	-	-
PEDESTRIAN SIGNAL HEAD, L.E.D., 1-FACE, BRACKET MOUNTED WITH COUNTDOWN TIMER	EACH	5	3	2	-	-
PEDESTRIAN SIGNAL HEAD, L.E.D., 2-FACE, BRACKET MOUNTED WITH COUNTDOWN TIMER	EACH	3	-	3	-	-
PEDESTRIAN SIGNAL HEAD, L.E.D., 3-FACE, BRACKET MOUNTED WITH COUNTDOWN TIMER	EACH	1	1	-	-	-
TRAFFIC SIGNAL BACKPLATE	EACH	15	7	8	-	-
INDUCTIVE LOOP DETECTOR	EACH	19	9	10	-	-
* LIGHT DETECTOR	EACH	4	2	2	-	-
* LIGHT DETECTOR AMPLIFIER	EACH	2	1	1	-	-
PEDESTRIAN PUSH-BUTTON	EACH	9	4	5	-	-
TEMPORARY TRAFFIC SIGNAL INSTALLATION	EACH	2	1	1	-	-
MODIFY EXISTING CONTROLLER	EACH	1	-	-	-	1
REMOVE ELECTRIC CABLE FROM CONDUIT	FOOT	1204	-	-	-	1204
REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT	EACH	2	1	1	-	-
REMOVE EXISTING HANDHOLE	EACH	26	6	13	7	-
REMOVE EXISTING CONCRETE FOUNDATION	EACH	15	7	8	-	-
ELECTRIC CABLE IN CONDUIT, TRACER NO. 14 1C	FOOT	3099	-	-	-	3099
PREFORMED DETECTOR LOOP	FOOT	1303	563	740	-	-
* PAINT NEW TRAFFIC SIGNAL POST	EACH	5	3	2	-	-
* PAINT NEW MAST ARM POLE, UNDER 40 FEET	EACH	6	3	3	-	-
* PAINT NEW MAST ARM POLE, 40 FEET AND OVER	EACH	2	1	1	-	-
TEMPORARY TRAFFIC SIGNAL TIMING	EACH	2	1	1	-	-
SERVICE INSTALLATION, POLE MOUNT	EACH	2	1	1	-	-
UNINTERRUPTABLE POWER SUPPLY (UPS)	EACH	2	1	1	-	-
FIBER OPTIC CABLE IN CONDUIT, NO. 62.5/125, MM12F SM12F	FOOT	3151	-	-	-	3151
ELECTRIC CABLE IN CONDUIT, GROUNDING, NO. 6 1C	FOOT	1259	794	465	-	-
* ELECTRIC CABLE IN CONDUIT NO. 20 3/C, TWISTED, SHIELDED	FOOT	675	417	258	-	-
TEMPORARY TRAFFIC SIGNAL INTERCONNECTION SYSTEM	L SUM	1	-	-	1	-
RE-OPTIMIZE TRAFFIC SIGNAL SYSTEM	L SUM	1	-	-	-	1

* 100% COST TO VILLAGE OF PLAINFIELD

FILE NAME =	USER NAME = #USER#	DESIGNED - PKG, RRM	REVISED -
#FILE#		DRAWN - BB, ME, YB	REVISED -
	PLOT SCALE = #SCALE#	CHECKED - PKG, RRM	REVISED -
	PLOT DATE = #DATE#	DATE - 10/15/2008	REVISED -

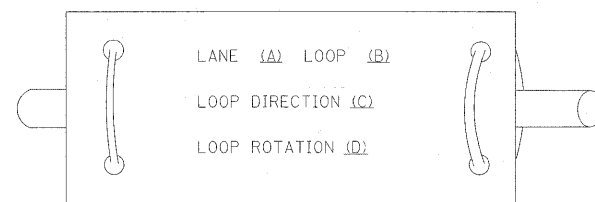
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SUMMARY OF QUANTITIES				F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
FROM U.S. 30 TO ILLINOIS ROUTE 126				338	113 N-2	WILL	260	176
				CONTRACT NO. 60E73				
SCALE: SHEET NO. 1 OF 1 SHEETS STA. TO STA.				FED. ROAD DIST. NO.	ILLINOIS	FAP 338 (IL RTE. 59)		

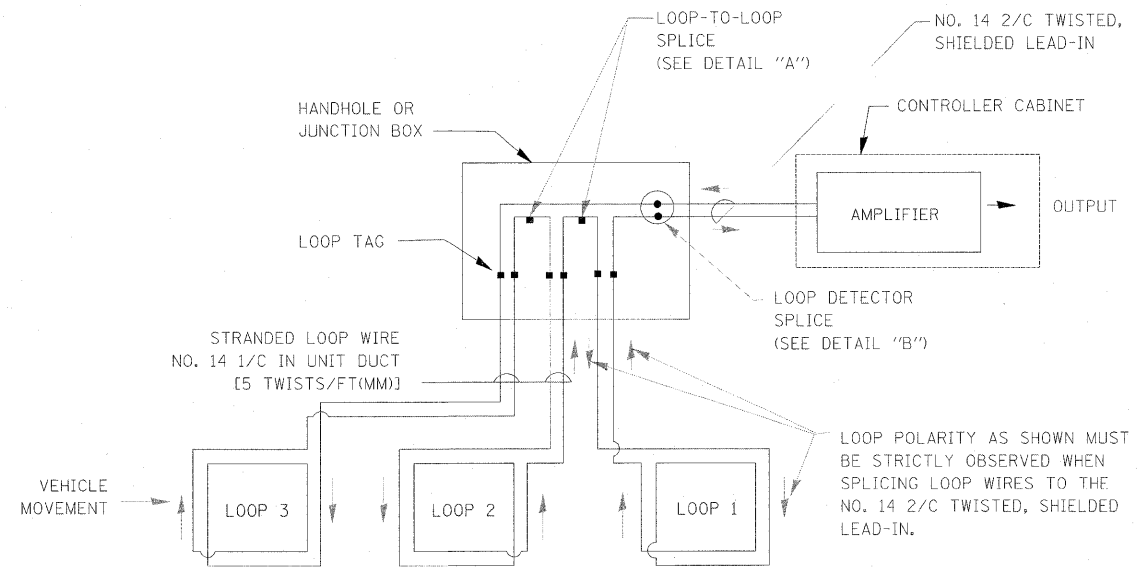
LOOP DETECTOR NOTES

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

LOOP LEAD-IN CABLE TAG

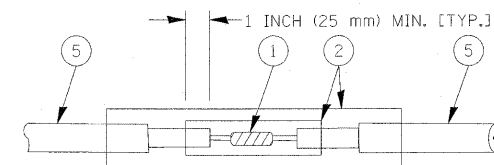


- A. LANE #1 IS THE LANE CLOSEST TO THE CENTERLINE OF THE ROADWAY
- B. LOOP #1 IS THE LOOP IN THE LANE CLOSEST TO THE INTERSECTION.
- C. LABEL LOOP CABLE "IN" OR LOOP CABLE "OUT".
- D. LABEL LOOP CABLE CLOCKWISE OR LOOP CABLE COUNTERCLOCKWISE.

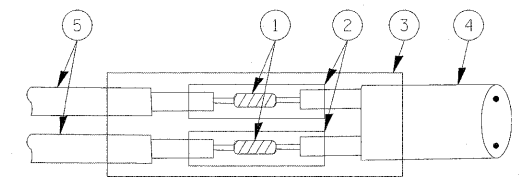


DETECTOR LOOP WIRING SCHEMATIC

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



**DETAIL "A"
LOOP-TO-LOOP SPLICE**



**DETAIL "B"
LOOP-TO-CONTROLLER SPLICE**

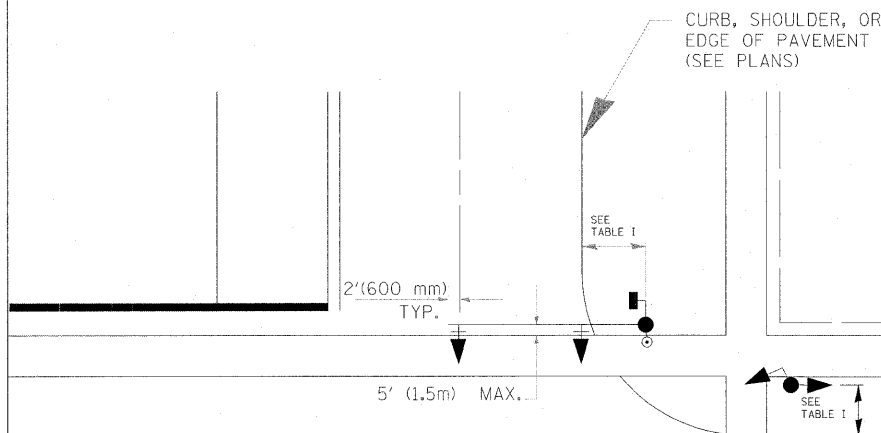
LOOP DETECTOR SPLICE

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

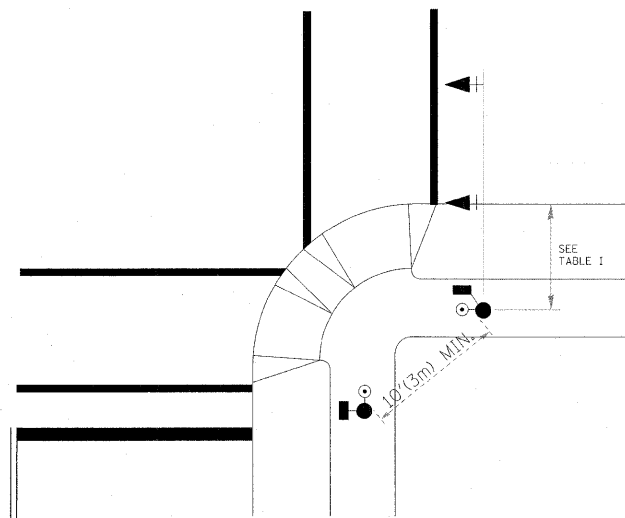
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		CHECKED - PKG, RRM	REVISED -		SCALE: SHEET NO. 1 OF 4 SHEETS STA. TO STA.		CONTRACT NO. 60E73				
		DATE - 10/15/2008	REVISED -		FED. ROAD DIST. NO. ILLINOIS FAP 338 (IL RTE. 59)						

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

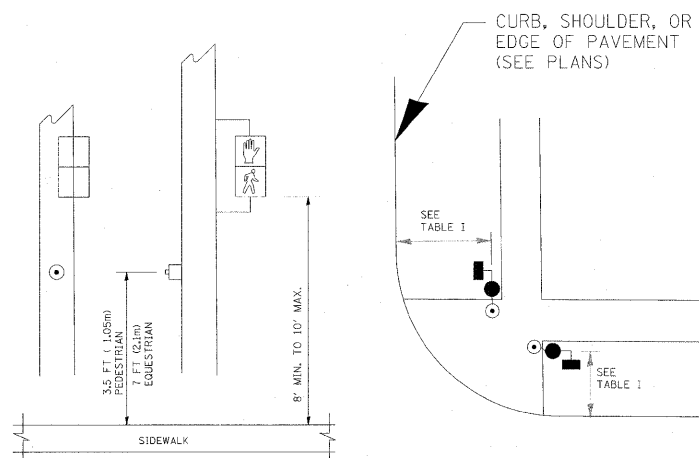


TABLE I

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

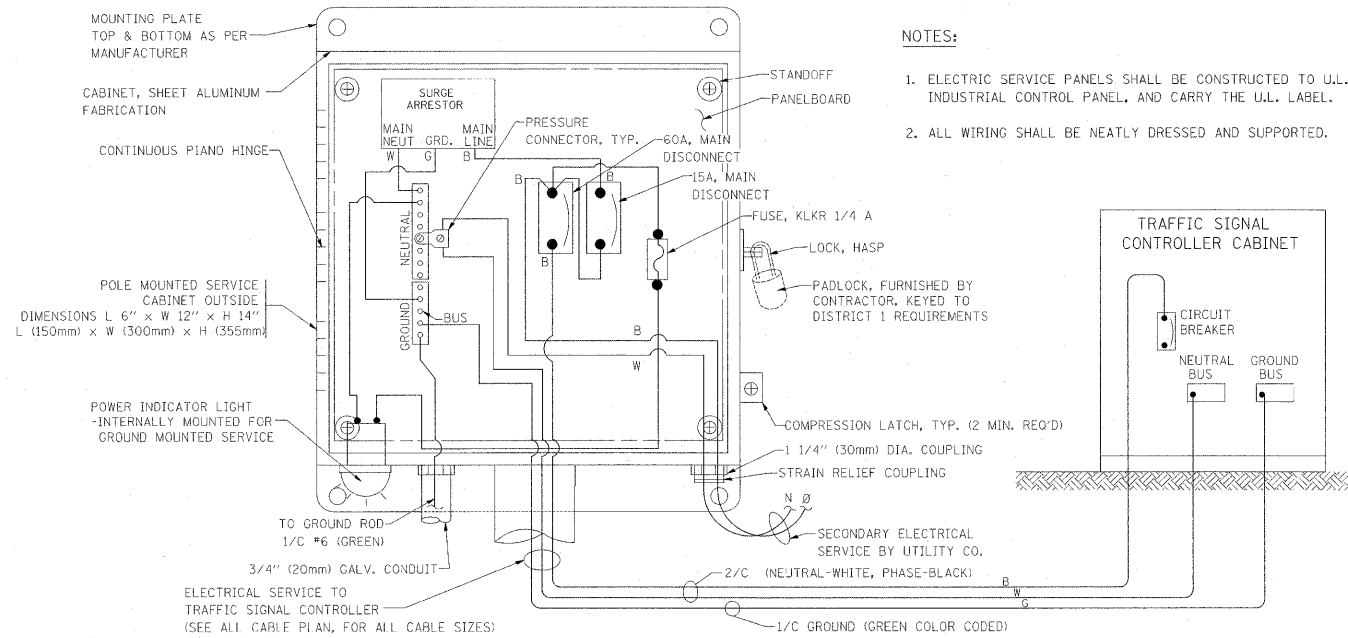
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		DATE - 10/15/2008	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

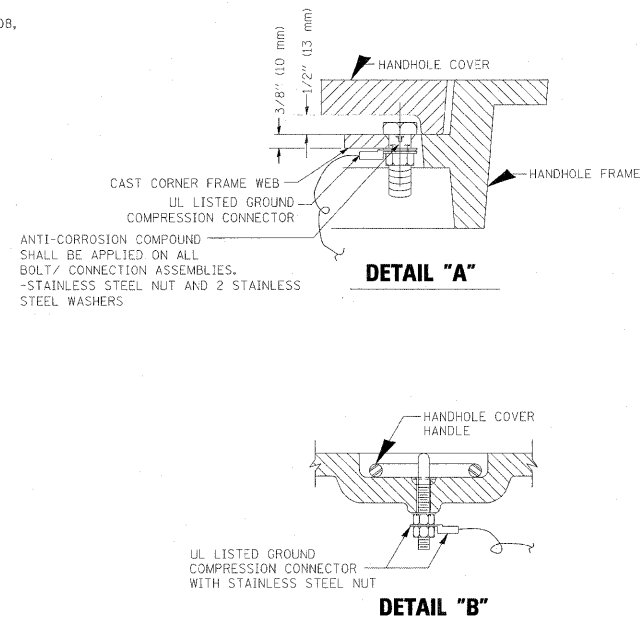
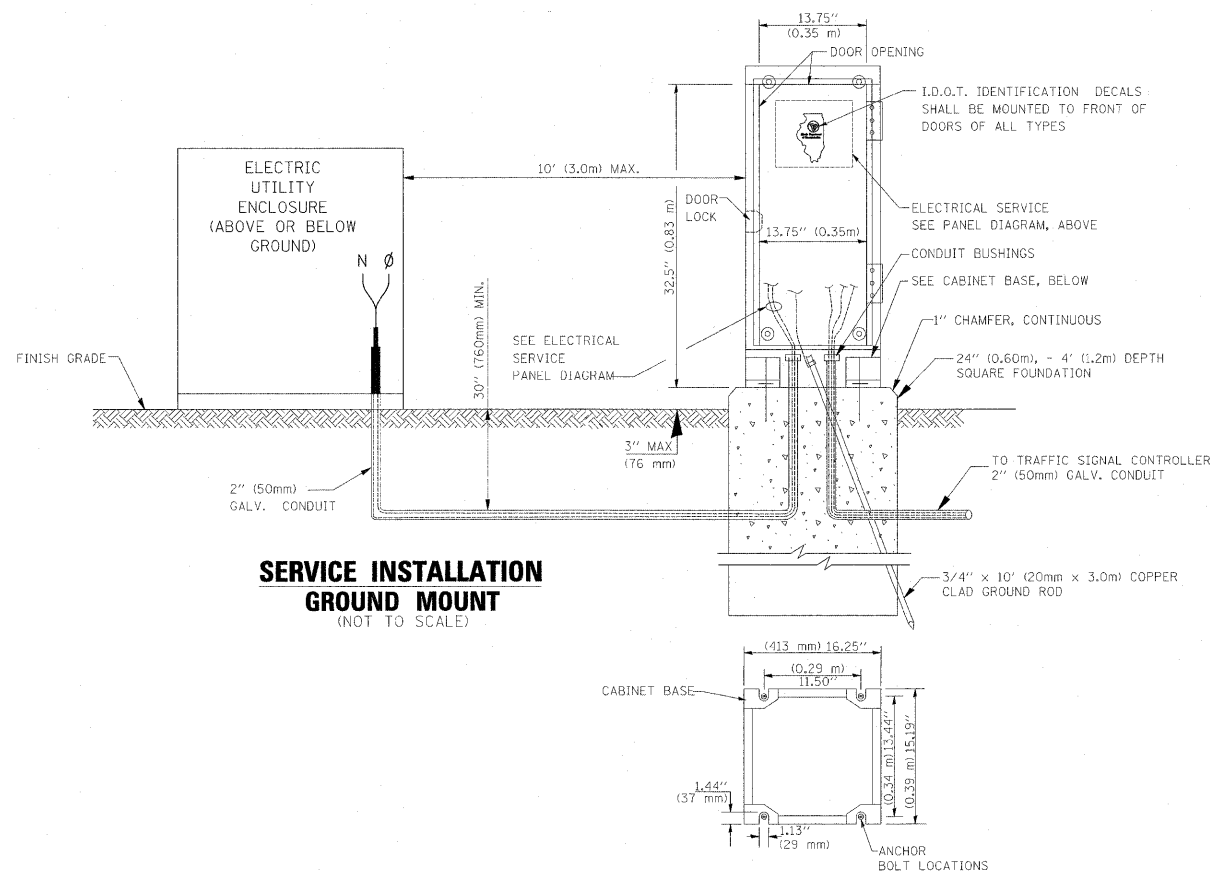
DISTRICT 1
STANDARD TRAFFIC SIGNAL DESIGN DETAILS

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
338	113 N-2	WILL	260	178
CONTRACT NO.			60E73	
FED. ROAD DIST. NO.			ILLINOIS FAP 338 (IL RTE. 59)	

SCALE: SHEET NO. 2 OF 4 SHEETS STA. TO STA.



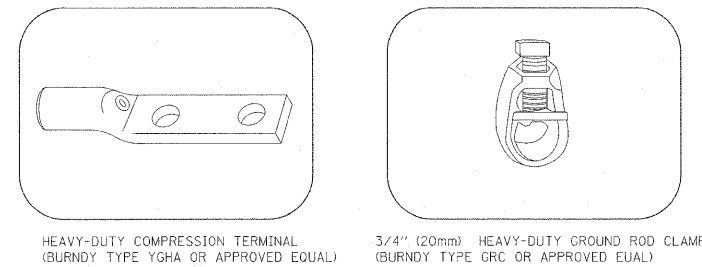
ELECTRICAL SERVICE - PANEL DIAGRAM (TYPICAL FOR POLE AND GROUND MOUNTED SERVICE)
SERVICE INSTALLATION POLE MOUNT (SHOWN)
 (NOT TO SCALE)



NOTES:

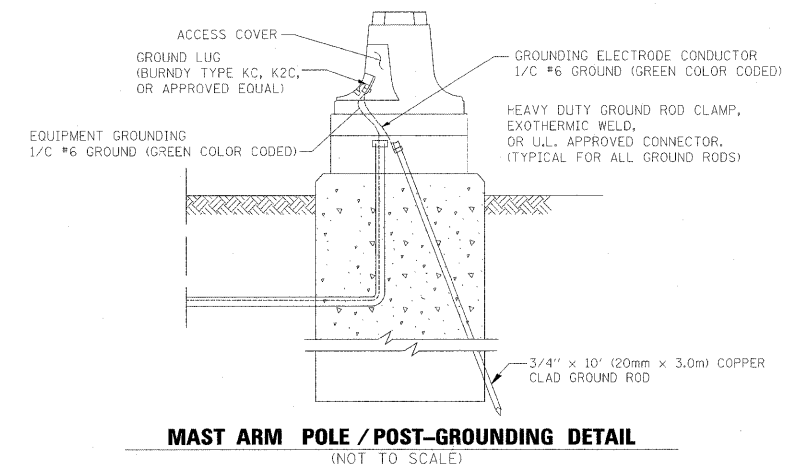
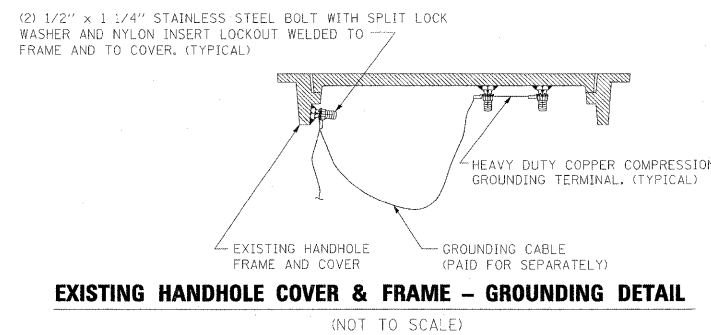
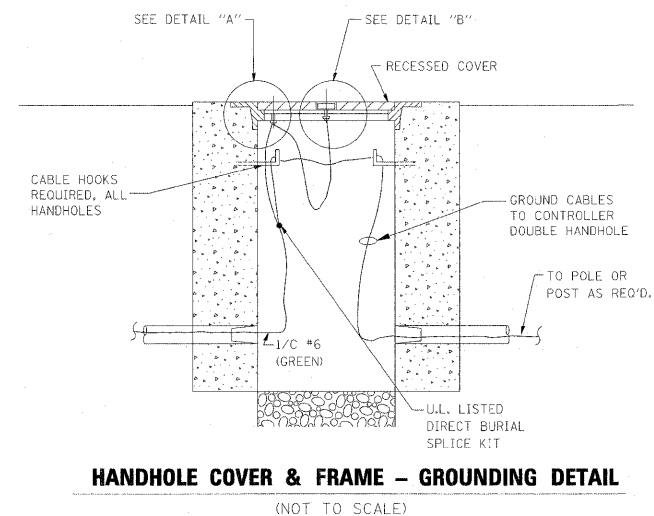
GROUNDING SYSTEM

- 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.
- 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.
- ALL EQUIPMENT GROUNDING CONDUCTORS SHALL TERMINATE AT THE GROUND BUS IN THE CONTROLLER CABINET.
- THE CONTRACTOR SHALL PROVIDE A GROUND CABLE WITH CONNECTORS BETWEEN THE HANDHOLE COVER AND HANDHOLE FRAME.



NOTES:

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



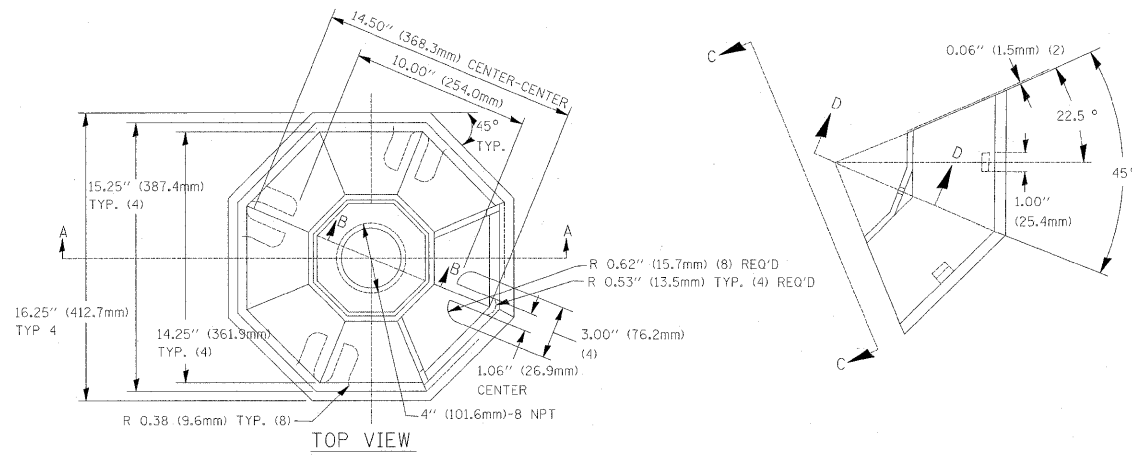
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

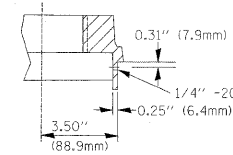
DISTRICT 1
 STANDARD TRAFFIC SIGNAL DESIGN DETAILS

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CONTRACT NO. 60E73				
FED. ROAD DIST. NO. ILLINOIS			FAP 338 (IL RTE. 59)	

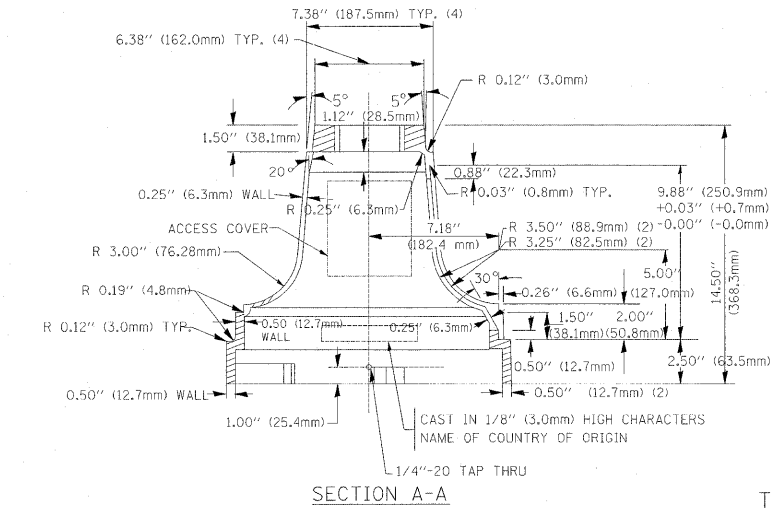
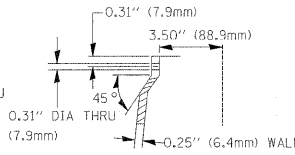
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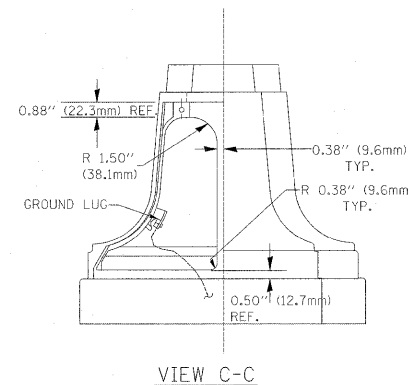
SECTION B-B



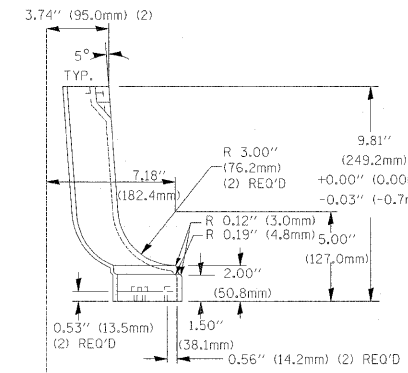
SECTION D-D



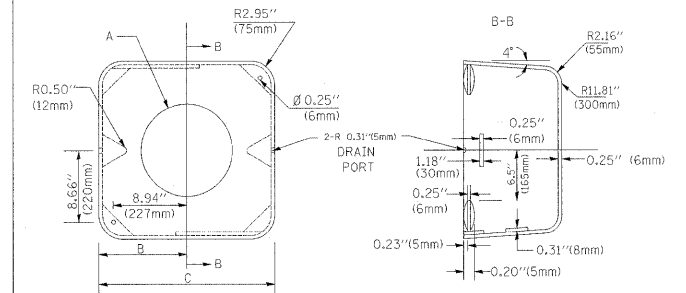
SECTION A-A



VIEW C-C



TRAFFIC SIGNAL POST - MOUNTING BASE - TYPE A

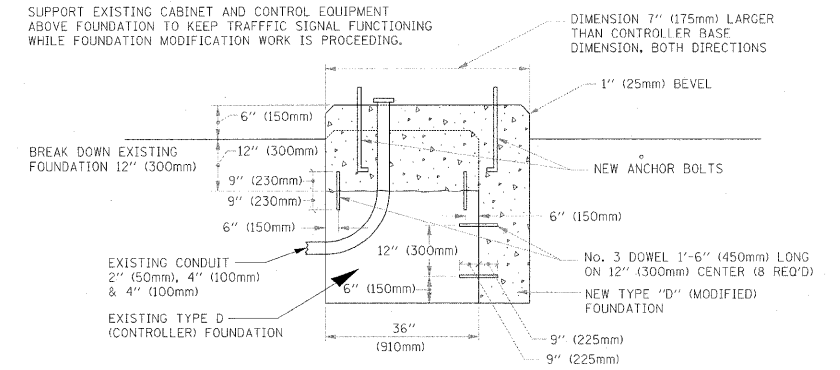


TYPE	A	B	C	HEIGHT	WEIGHT
I	Ø 10.125\"(257mm)	9.5\"(241mm)	19\"(483mm)	12\"(300mm)	24kg
II	Ø 11.125\"(283mm)	10.75\"(273mm)	21.5\"(546mm)	12\"(300mm)	26kg

SHROUD DETAIL

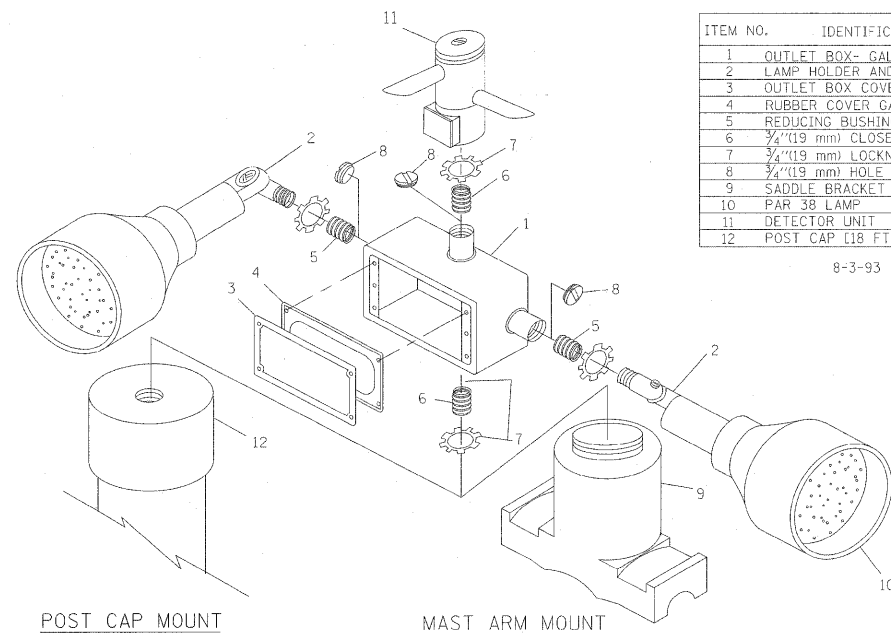
NOTE:

SUPPORT EXISTING CABINET AND CONTROL EQUIPMENT ABOVE FOUNDATION TO KEEP TRAFFIC SIGNAL FUNCTIONING WHILE FOUNDATION MODIFICATION WORK IS PROCEEDING.



MODIFY EXISTING TYPE "D" FOUNDATION

(NOT TO SCALE)



POST CAP MOUNT

MAST ARM MOUNT

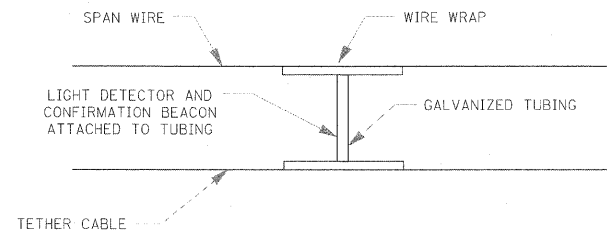
EMERGENCY VEHICLE DETECTOR WITH CONFIRMATION BEACON MOUNTING DETAIL

ITEM NO.	IDENTIFICATION
1	OUTLET BOX- GALV. 21 CU.IN. (0.000344 CU-M)
2	LAMP HOLDER AND COVER
3	OUTLET BOX COVER
4	RUBBER COVER GASKET
5	REDUCING BUSHING
6	3/4\"(19 mm) CLOSE NIPPLE
7	3/4\"(19 mm) LOCKNUT
8	3/4\"(19 mm) HOLE PLUG
9	SADDLE BRACKET - GALV.
10	PAR 38 LAMP
11	DETECTOR UNIT
12	POST CAP (18 FT. (5.4 m) POST MIN.)

8-3-93

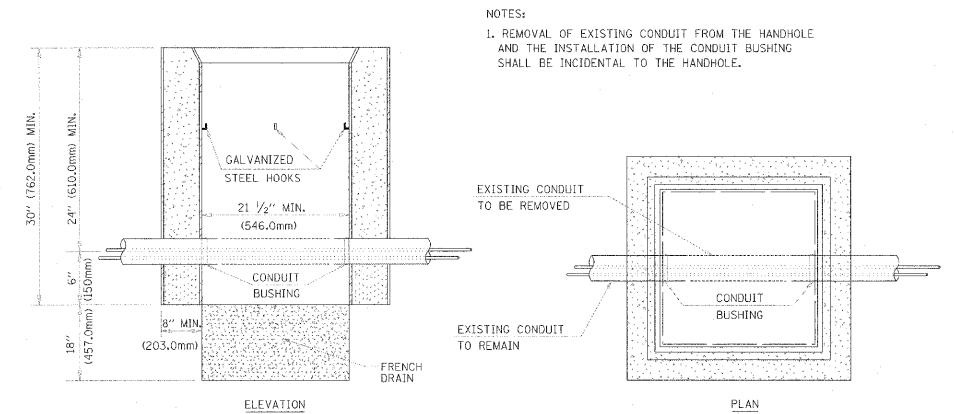
NOTES:

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



LIGHT DETECTOR AND CONFIRMATION BEACON MOUNTING FOR TEMPORARY TRAFFIC SIGNALS

(NOT TO SCALE)



DETAIL HANDHOLE TO INTERCEPT EXISTING CONDUIT

N.T.S.

NOTES FOR TEMPORARY TRAFFIC SIGNALS

1. ALL CONTROL EQUIPMENT INCLUDING EMERGENCY PRE-EMPTION AND COMMUNICATION DEVICES FOR THE TEMPORARY TRAFFIC SIGNAL(S) SHALL BE FURNISHED BY THE CONTRACTOR.
2. ONLY CONTROLLERS SUPPLIED BY ONE OF THE DISTRICT APPROVED CLOSED LOOP EQUIPMENT MANUFACTURERS WILL BE APPROVED FOR USE AT TEMPORARY SIGNAL LOCATIONS. ALL CONTROLLERS USED FOR TEMPORARY TRAFFIC SIGNALS SHALL BE FULLY ACTUATED NEMA MICROPROCESSOR BASED WITH RS232 DATA ENTRY PORTS COMPATIBLE WITH EXISTING 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. AT THE TIME OF THE TURN ON, IF NO TRAFFIC STAGING IS IN PLACE OR WILL NOT BE STAGED ON THE DAY OF THE TURN ON.

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.

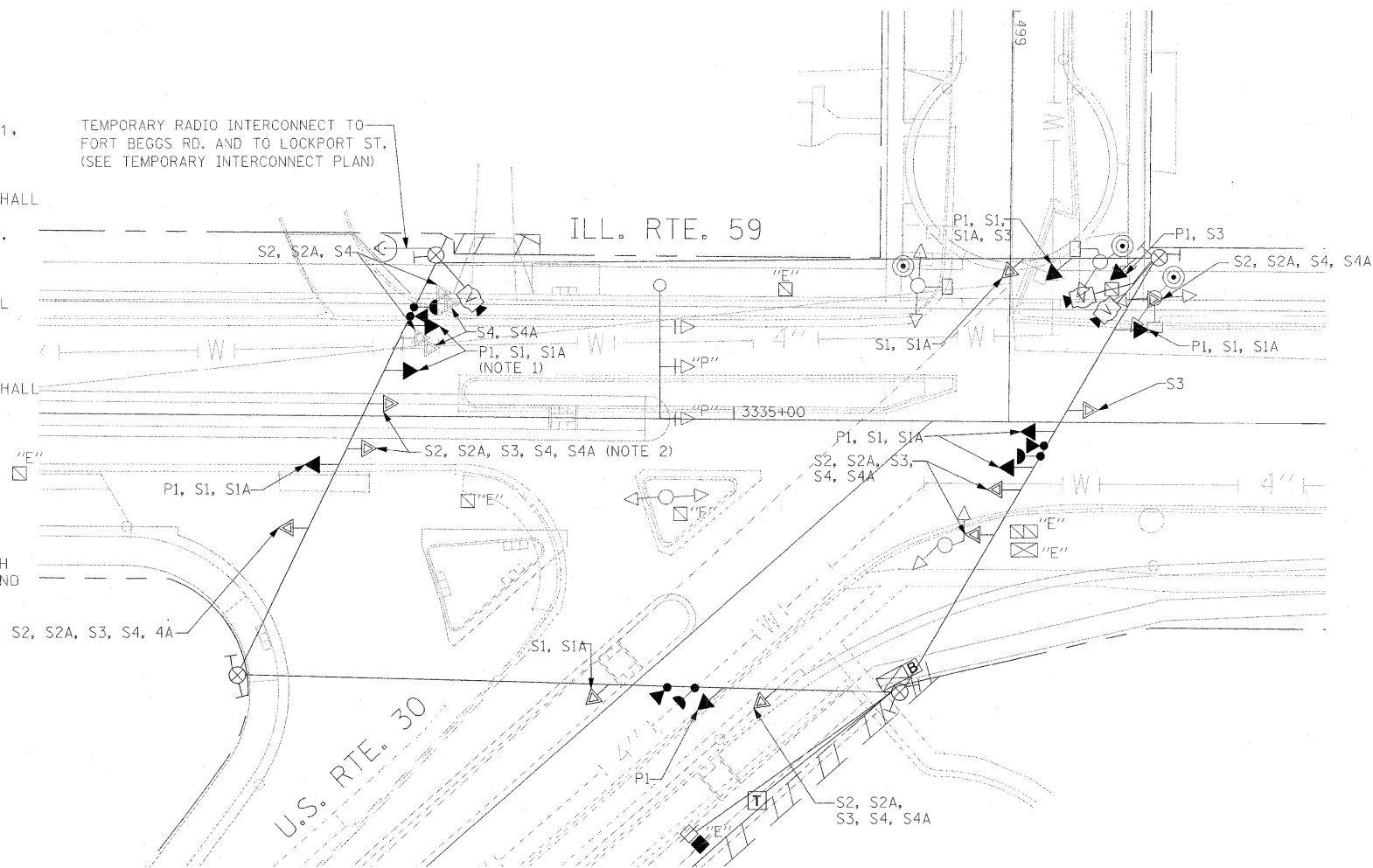
1	EACH	CONTROLLER AND CABINET, COMPLETE
1	EACH	MASTER CONTROLLER
2	EACH	STEEL MAST ARM ASSEMBLY AND POLE
1	EACH	SIGNAL HEAD 1-FACE, 3-SECTION, MAST ARM MOUNTED
3	EACH	SIGNAL HEAD, OPTICALLY PROGRAMMED, 1-FACE, 3-SECTION, MAST ARM MOUNTED
1	EACH	COMBINATION SIGNAL HEAD, 3-FACE, 2-3 SECTION OPTICALLY PROGRAMMED, 1-3 SECTION, BRACKET MOUNTED
1	EACH	SIGNAL HEAD, OPTICALLY PROGRAMMED, 1-FACE, 3-SECTION, BRACKET MOUNTED
2	EACH	SIGNAL HEAD, 2-FACE, 3-SECTION, BRACKET MOUNTED
1	EACH	SIGNAL HEAD, 1-FACE, 3-SECTION, BRACKET MOUNTED
1	EACH	SIGNAL HEAD, 2-FACE, 1-3 SECTION, 1-4 SECTION, BRACKET MOUNTED
5	EACH	TRAFFIC SIGNAL POST
1	EACH	SERVICE INSTALLATION

THE FOLLOWING EXISTING TRAFFIC SIGNAL EQUIPMENT SHALL BE REMOVED BY THE CONTRACTOR, SHALL REMAIN THE PROPERTY OF THE AGENCY LISTED BELOW. THE CONTRACTOR SHALL SAFELY STORE AND ARRANGE FOR PICK UP OF ALL EQUIPMENT TO BE RETURNED TO THE LISTED AGENCY AS PER THE TRAFFIC SIGNAL SPECIFICATIONS.

AGENCY: VILLAGE OF PLAINFIELD

1	EACH	LIGHT DETECTOR AMPLIFIER
2	EACH	LIGHT DETECTORS

TEMPORARY RADIO INTERCONNECT TO FORT BEGGS RD. AND TO LOCKPORT ST. (SEE TEMPORARY INTERCONNECT PLAN)



TEMPORARY TRAFFIC SIGNAL PLAN

STAGES: PRE-STAGE 1, STAGE 1, STAGE 1A, STAGE 2, STAGE 2A, STAGE 3, STAGE 4 AND STAGE 4A

TEMPORARY TRAFFIC SIGNAL PLAN NOTES:

- NOTE 1: THE LEFT TURN YELLOW AND GREEN ARROW INDICATION SECTIONS IN THE 5-SECTION SIGNAL HEADS FOR THE SOUTHBOUND DIRECTION OF TRAFFIC SHALL BE BAGGED AND DISCONNECTED DURING CONSTRUCTION STAGE 2, STAGE 2A, STAGE 4, AND STAGE 4A.
- NOTE 2: THESE SIGNAL HEADS WITH RED, YELLOW AND GREEN LEFT TURN ARROW INDICATIONS FOR THE SOUTHBOUND DIRECTION OF TRAFFIC ARE NEEDED DURING STAGES STAGE 2, STAGE 2A, STAGE 4, AND STAGE 4A. THEY SHALL BE DISCONNECTED AND BAGGED DURING OTHER CONSTRUCTION STAGES WHEN THEY ARE NOT NEEDED

THE TRAFFIC SIGNAL WORK IN THIS CONTRACT SHALL BE COORDINATED WITH IDOT CONTRACT 62417.

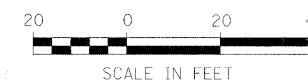
THE TRAFFIC SIGNAL CONTROL EQUIPMENT FOR THIS PROJECT SHALL BE "ECONOLITE" TO MATCH THE EXISTING ADJACENT SYSTEM.

TEMPORARY TRAFFIC SIGNAL LEGEND

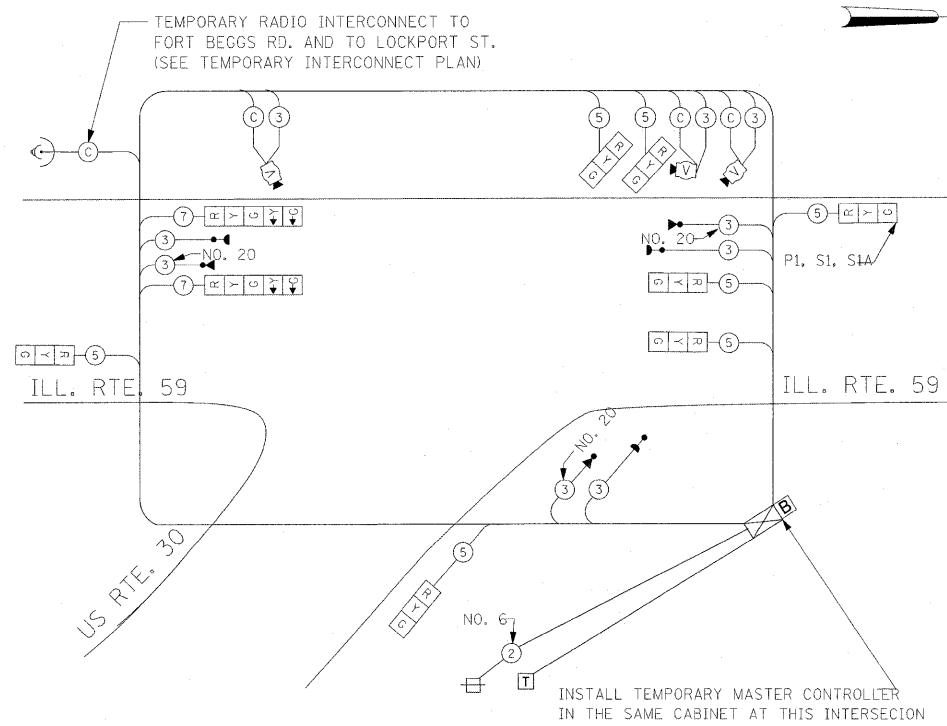
- ← TEMPORARY TRAFFIC SIGNAL HEAD SPAN WIRE MOUNTED ORIGINAL LOCATION
- ↔ TEMPORARY TRAFFIC SIGNAL HEAD SPAN WIRE MOUNTED SECONDARY LOCATION
- ⊗ TEMPORARY WOOD POLE (CLASS 5 OR BETTER) 45 FOOT (13.7m) MINIMUM
- ⊠ TEMPORARY CONTROLLER CABINET
- TEMPORARY SPAN WIRE, TETHER WIRE, AND CABLE
- ⊕ TEMPORARY SERVICE INSTALLATION
- TEMPORARY PEDESTRIAN SIGNAL HEAD, BRACKET MOUNTED
- ⊞ MICROWAVE VEHICLE SENSOR
- ⊙ PEDESTRIAN PUSHBUTTON DETECTOR
- ⊚ EMERGENCY VEHICLE LIGHT DETECTOR
- ⊛ CONFIRMATION BEACON
- VEHICLE DETECTOR, INDUCTION LOOP
- CT COMMON TRENCH
- UD UNIT DUCT
- G.S. CONDUIT IN GROUND
- HANDHOLE
- HEAVY DUTY HANDHOLE
- T TELEPHONE CONNECTION
- ↔ WIRELESS INTERCONNECT (ANTENNA)
- ⊞ VIDEO CAMERA ASSEMBLY
- ⊞ UPS-BATTERY BACK-UP

EXISTING EQUIPMENT TO BE REMOVED LEGEND

- ← EXISTING SIGNAL TO BE REMOVED
- "E" EXISTING SERVICE INSTALLATION TO BE REMOVED
- ⊙ EXISTING SIGNAL POST AND FOUNDATION TO BE REMOVED
- ⊞ EXISTING MAST ARM POLE AND FOUNDATION TO BE REMOVED
- ⊠ "E" EXISTING CONTROLLER AND FOUNDATION TO BE REMOVED
- ⊠ "E" EXISTING HANDHOLE TO BE REMOVED
- ⊠ "E" EXISTING DOUBLE HANDHOLE TO BE REMOVED
- ⊞ PEDESTRIAN SIGNAL TO BE REMOVED
- ⊙ EXISTING PEDESTRIAN PUSH-BUTTON TO BE REMOVED
- ⊚ EXISTING EMERGENCY VEHICLE LIGHT DETECTOR TO BE REMOVED
- ⊛ CONFIRMATION BEACON TO BE REMOVED
- ⊞ "E" EXISTING HEAVY DUTY HANDHOLE TO BE REMOVED
- ⊞ EXISTING STEEL MAST ARM POLE AND FOUNDATION TO BE REMOVED

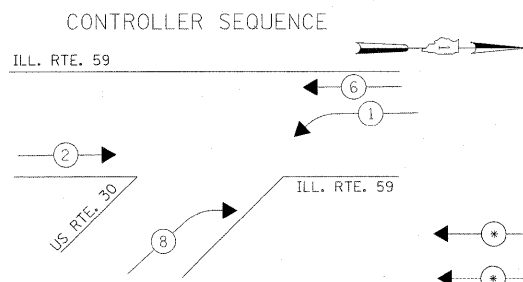


FILE NAME =	USER NAME = #USER#	DESIGNED - PKG, RRM	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	TEMPORARY TRAFFIC SIGNAL INSTALLATION AND REMOVAL PLAN ILLINOIS ROUTE 59 AT US. ROUTE 30 PRE-STAGE, STAGE 1, STAGE 1A, STAGE 2, STAGE 2A, STAGE 3, STAGE 4 AND STAGE 4A (SHEET 1 OF 3)	F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
#FILE#		DRAWN - BB,ME,YB	REVISED -			338	113 N-2	WILL	260	181
		CHECKED - PKG, RRM	REVISED -			CONTRACT NO. 60E73				
		DATE - 10/15/2008	REVISED -			FED. ROAD DIST. NO. ILLINOIS FAP 338 (IL RTE. 59)				

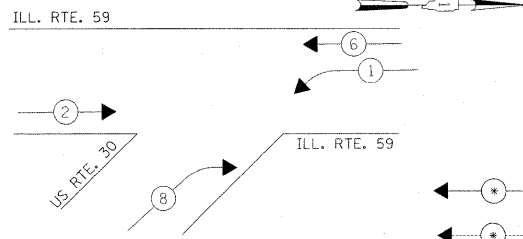


TEMPORARY CABLE PLAN

STAGES: PRE-STAGE 1, STAGE 1, STAGE 1A, AND STAGE 3



CONTROLLER SEQUENCE



PHASE DESIGNATION DIAGRAM

STAGES: PRE-STAGE 1, STAGE 1A, AND STAGE 3

- LEGEND**
- ← * → DUAL ENTRY PHASE
 - ← * → PEDESTRIAN PHASE
 - * NUMBER REFERS TO ASSOCIATED PHASE

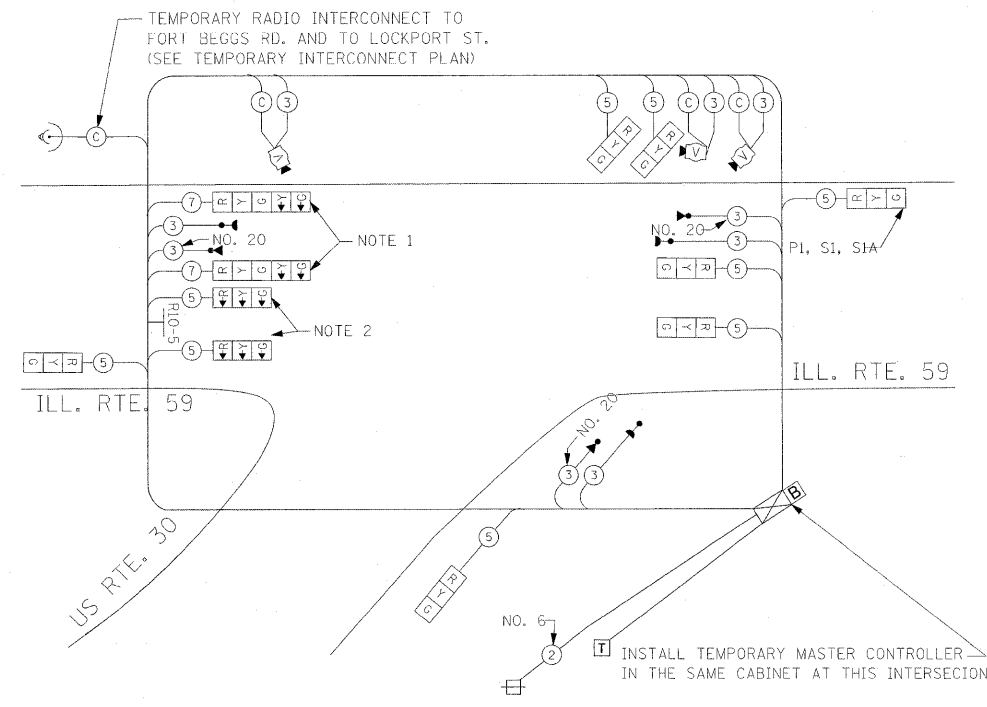
TEMPORARY CABLE DIAGRAM LEGEND

- [R] TEMPORARY TRAFFIC SIGNAL SECTION OR PEDESTRIAN SIGNAL SECTION 12" (300mm)
- [] TEMPORARY CONTROLLER CABINET
- [] TEMPORARY SERVICE INSTALLATION
- (5) INDICATES NUMBER OF CONDUCTORS IN CABLE. ALL CONDUCTORS TO BE NUMBER 14 AWG WIRE UNLESS OTHERWISE NOTED.
- [] EMERGENCY VEHICLE LIGHT DETECTOR
- [] CONFIRMATION BEACON
- [] VEHICLE DETECTOR, INDUCTION LOOP
- [] PEDESTRIAN PUSHBUTTON DETECTOR
- [] 12" (300mm) PEDESTRIAN SIGNAL SECTION
- [] MICROWAVE VEHICLE SENSOR
- [T] TELEPHONE CONNECTION
- [] WIRELESS INTERCONNECT (ANTENNA)
- [V] VIDEO CAMERA ASSEMBLY
- [] LEFT ON GREEN ARROW ONLY (R10-5)
- [B] UPS-BATTERY BACK-UP

TEMPORARY CABLE PLAN NOTES FOR STAGE 2, STAGE 2A, STAGE 4, AND STAGE 4A

- NOTE 1: THE GREEN AND YELLOW LEFT TURN ARROW SECTIONS IN THE 5-SECTION SIGNAL HEAD USED FOR PREVIOUS STAGES SHALL BE DISCONNECTED AND BAGGED DURING CONSTRUCTION STAGES STAGE 2, STAGE 2A, STAGE 4, AND STAGE 4A
- NOTE 2: THESE SIGNAL HEADS WITH RED, YELLOW AND GREEN LEFT TURN ARROW INDICATIONS FOR THE SOUTHBOUND DIRECTION STAGE 2, STAGE 2A, STAGE 4 AND STAGE 4A. THEY SHALL BE DISCONNECTED AND BAGGED DURING OTHER CONSTRUCTION STAGES WHEN THEY ARE NOT NEEDED.

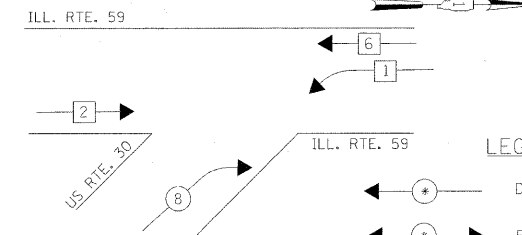
LEFT ON GREEN ARROW ONLY
R10-5, 24" X 30"



TEMPORARY CABLE PLAN

STAGES: STAGE 2, STAGE 2A, STAGE 4, AND STAGE 4A

CONTROLLER SEQUENCE



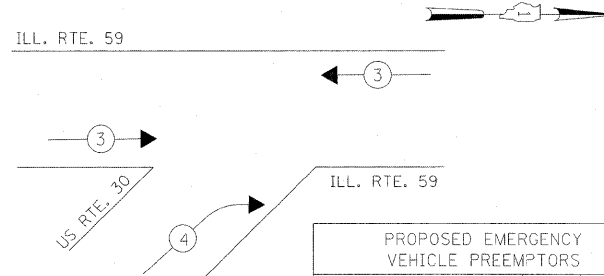
LEGEND

- ← * → DUAL ENTRY PHASE
- ← * → PEDESTRIAN PHASE
- * NUMBER REFERS TO ASSOCIATED PHASE
- ← * → SINGLE ENTRY PHASE

PHASE DESIGNATION DIAGRAM

STAGES: STAGE 2, STAGE 2A, STAGE 4, AND STAGE 4A

EMERGENCY VEHICLE PREEMPTION SEQUENCE



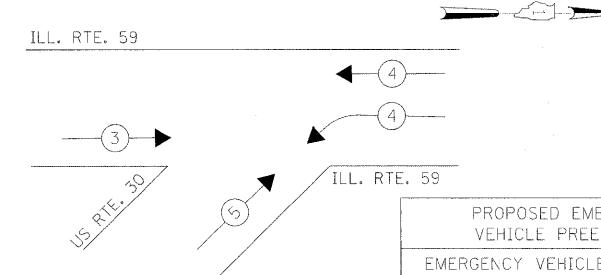
STAGES: PRE-STAGE 1, STAGE 1, STAGE 1A, AND STAGE 3

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

THE TRAFFIC SIGNAL WORK IN THIS CONTRACT SHALL BE COORDINATED WITH IDOT CONTRACT 62417.

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

EMERGENCY VEHICLE PREEMPTION SEQUENCE



STAGES: STAGE 2, STAGE 2A, STAGE 4, AND STAGE 4A

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 LAMPS	WATTAGE	%OPERATION		
SIGNAL (RED)	11	135	17	0.50	93.50
(YELLOW)	11	135	25	0.25	68.75
(GREEN)	11	135	15	0.25	41.25
ARROW		135	12		
PED. SIGNAL		90	25		
CONTROLLER	1	100	100	1.00	100.0
ILLUM. SIGN				0.05	
FLASHER				0.50	
ENERGY COSTS TO:				TOTAL =	303.50

ILLINOIS DEPARTMENT OF TRANSPORTATION
201 WEST CENTER COURT
SCHAUMBURG, ILLINOIS 60196-1096

ENERGY SUPPLY CONTACT: MR. DALE BALLINGER
PHONE: (815) 724-5717
COMPANY: COMED

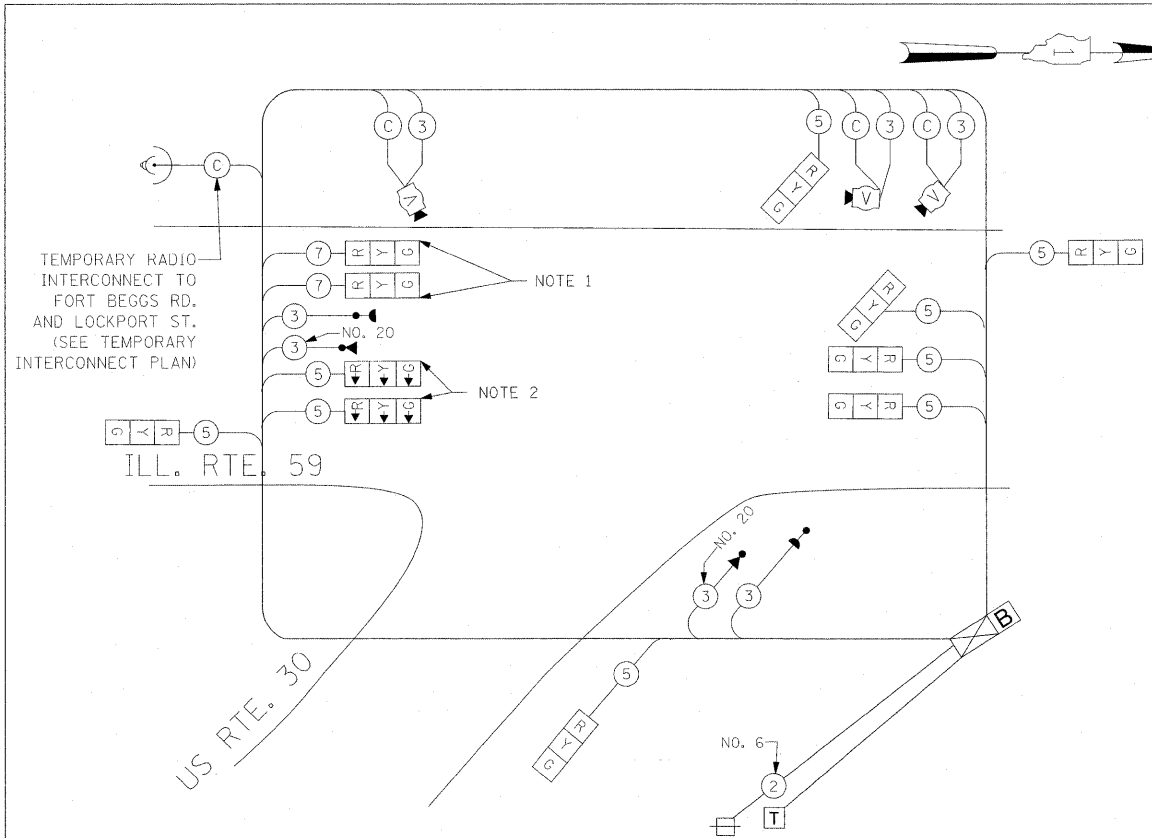
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		CHECKED - PKG, RRM	REVISED -
		DATE - 10/15/2008	REVISED -

STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION

TEMPORARY CABLE PLAN, PHASE DESIGNATION DIAGRAM, EMERGENCY VEHICLE PREEMPTION SEQUENCE ILLINOIS ROUTE 59 AT US ROUTE 30 PRE-STAGE 1, STAGE 1, STAGE 1A, STAGE 2, STAGE 2A, STAGE 3, STAGE 4 AND STAGE 4A (SHEET 2 OF 3)

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS
338	113 N-2	WILL	260 / 182
CONTRACT NO.			60E73
FED. ROAD DIST. NO.	ILLINOIS	FAP 338 (ILL. RTE. 59)	

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



TEMPORARY CABLE PLAN
 STAGES: STAGE 5, STAGE 5A, STAGE 5B, STAGE 6, AND STAGE 6A AND AFTER ALL THE PROPOSED ROADWAY GEOMETRICS ARE BUILT AND OPEN TO TRAFFIC
 (NOT TO SCALE)

TEMPORARY CABLE PLAN NOTES:

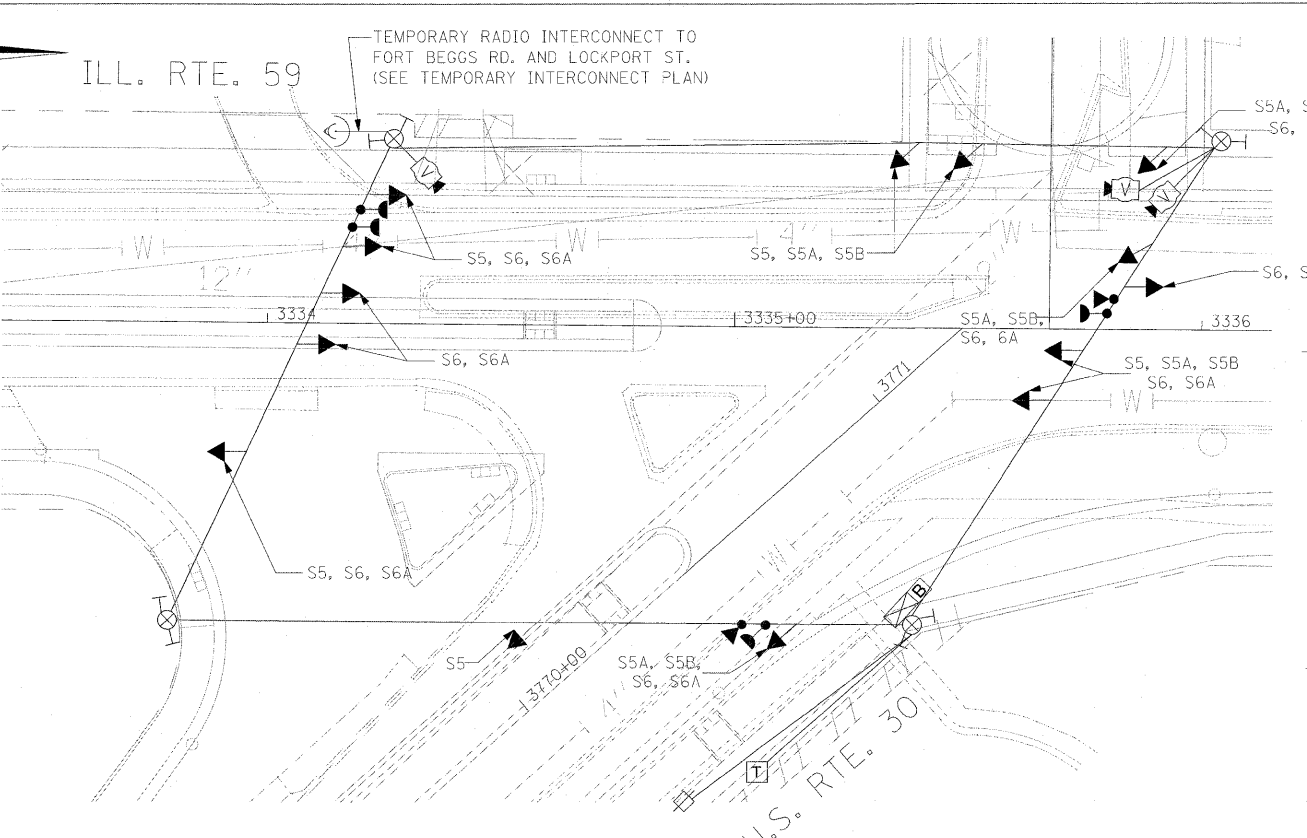
- NOTE 1: THESE SIGNAL HEADS PLACEMENT FOR WESTBOUND DIRECTION OF TRAFFIC IS FOR STAGES 6 AND 6A ONLY. THE ORIGINAL 5-SECTION SIGNAL HEADS CAN BE MODIFIED AS SHOWN BY DISCONNECTING AND BAGGING THE LEFT TURN ARROW SECTION AS SHOWN
- NOTE 2: THESE SIGNAL HEADS WITH ALL ARROW SECTION FOR SOUTHBOUND DIRECTION OF TRAFFIC ARE NEEDED FOR CONSTRUCTION STAGES 6 AND 6A ONLY

I.D.O.T. TRAFFIC SIGNAL INSTALLATION ELECTRICAL SERVICE REQUIREMENTS					TOTAL WATTAGE
TYPE	NO LAMPS	WATTAGE	%OPERATION		
SIGNAL (RED)	11	135	17	0.50	93.5
(YELLOW)	11	135	25	0.25	68.75
(GREEN)	11	135	15	0.25	41.25
ARROW		135	12	0.10	
PED. SIGNAL		90	25	1.00	
CONTROLLER	1	100	100	1.00	100.0
ILLUM. SIGN				0.05	
FLASHER				0.50	
ENERGY COSTS TO:				TOTAL =	303.5
ILLINOIS DEPARTMENT OF TRANSPORTATION 201 WEST CENTER COURT SCHAUMBURG, ILLINOIS 60196-1096					
ENERGY SUPPLY CONTACT: MR. DALE BALLINGER PHONE: (815) 724-5717 COMPANY: COMED					

FILE NAME = #FILE#
 USER NAME = #USER#
 DESIGNED - PKG, RRM
 DRAWN - BB, ME, YB
 CHECKED - PKG, RRM
 PLOT DATE = 1/13/2009
 DATE - 10/15/2008

TEMPORARY CABLE DIAGRAM LEGEND

- [R] TEMPORARY TRAFFIC SIGNAL SECTION OR PEDESTRIAN SIGNAL SECTION 12" (300mm)
- [C] TEMPORARY CONTROLLER CABINET
- [S] TEMPORARY SERVICE INSTALLATION
- (5) INDICATES NUMBER OF CONDUCTORS IN CABLE. ALL CONDUCTORS TO BE NUMBER 14 AWG WIRE UNLESS OTHERWISE NOTED.
- [E] EMERGENCY VEHICLE LIGHT DETECTOR
- [C] CONFIRMATION BEACON
- [V] VEHICLE DETECTOR, INDUCTION LOOP
- [P] PEDESTRIAN PUSHBUTTON DETECTOR
- [12"] 12" (300mm) PEDESTRIAN SIGNAL SECTION
- [M] MICROWAVE VEHICLE SENSOR
- [T] TELEPHONE CONNECTION
- [W] WIRELESS INTERCONNECT (ANTENNA)
- [B] UPS-BATTERY BACK-UP

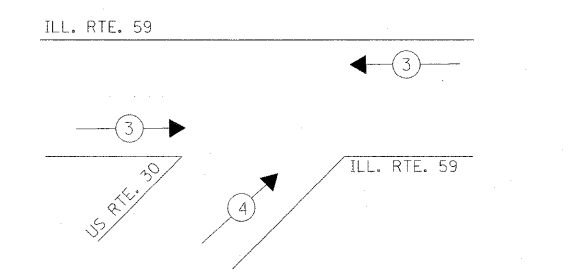


TEMPORARY TRAFFIC SIGNAL PLAN
 STAGES: STAGE 5, STAGE 5A, STAGE 5B, STAGE 6, AND STAGE 6A AND AFTER ALL THE PROPOSED ROADWAY GEOMETRICS ARE BUILT AND OPEN TO TRAFFIC
 (SCALE 1"=20')

TEMPORARY TRAFFIC SIGNAL LEGEND

- [A] TEMPORARY TRAFFIC SIGNAL HEAD SPAN WIRE MOUNTED ORIGINAL LOCATION
- [B] TEMPORARY TRAFFIC SIGNAL HEAD SPAN WIRE MOUNTED SECONDARY LOCATION
- [C] TEMPORARY WOOD POLE (CLASS 5 OR BETTER) 45 FOOT (13.7m) MINIMUM
- [D] TEMPORARY CONTROLLER CABINET
- [E] TEMPORARY SPAN WIRE, TETHER WIRE, AND CABLE
- [F] TEMPORARY SERVICE INSTALLATION
- [G] TEMPORARY PEDESTRIAN SIGNAL HEAD, BRACKET MOUNTED
- [H] MICROWAVE VEHICLE SENSOR
- [I] PEDESTRIAN PUSHBUTTON DETECTOR
- [J] EMERGENCY VEHICLE LIGHT DETECTOR
- [K] CONFIRMATION BEACON
- [L] VEHICLE DETECTOR, INDUCTION LOOP
- [M] COMMON TRENCH
- [N] UNIT DUCT
- [O] G.S. CONDUIT IN GROUND
- [P] HANDHOLE
- [Q] HEAVY DUTY HANDHOLE
- [R] TELEPHONE CONNECTION
- [S] WIRELESS INTERCONNECT (ANTENNA)
- [T] UPS-BATTERY BACK-UP

EMERGENCY VEHICLE PREEMPTION SEQUENCE

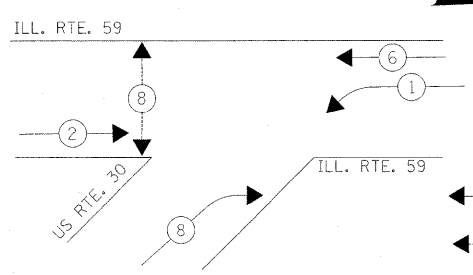


STAGES: STAGE 5, STAGE 5A, STAGE 5B, STAGE 6, AND STAGE 6A AND AFTER ALL THE PROPOSED ROADWAY GEOMETRICS ARE BUILT AND OPEN TO TRAFFIC

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

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

CONTROLLER SEQUENCE



PHASE DESIGNATION DIAGRAM
 STAGES: STAGE 5, STAGE 5A, STAGE 5B, STAGE 6, AND STAGE 6A AND AFTER ALL THE PROPOSED ROADWAY GEOMETRICS ARE BUILT AND OPEN TO TRAFFIC

- LEGEND**
- [*] DUAL ENTRY PHASE
 - [*] PEDESTRIAN PHASE
 - * NUMBER REFERS TO ASSOCIATED PHASE



STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION

TEMPORARY TRAFFIC SIGNAL INSTALLATION TEMPORARY CABLE PLAN, PHASE DESIGNATION DIAGRAM, EMERGENCY VEHICLE PREEMPTION SEQUENCE ILLINOIS ROUTE 59 AT US. ROUTE 30 STAGE 5, STAGE 5A, STAGE 5B, STAGE 6 AND STAGE 6A (SHEET 3 OF 3)
 SCALE: SHEET NO. 3 OF 3 SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
338	113 N-2	WILL	260	183
CONTRACT NO. 60E73			FAP 338 (ILL. RTE. 59)	

NOTES FOR TEMPORARY TRAFFIC SIGNALS

- ALL CONTROL EQUIPMENT INCLUDING EMERGENCY PRE-EMPTION AND COMMUNICATION DEVICES FOR THE TEMPORARY TRAFFIC SIGNAL(S) SHALL BE FURNISHED BY THE CONTRACTOR.
- ONLY CONTROLLERS SUPPLIED BY ONE OF THE DISTRICT APPROVED CLOSED LOOP EQUIPMENT MANUFACTURERS WILL BE APPROVED FOR USE AT TEMPORARY SIGNAL LOCATIONS. ALL CONTROLLERS USED FOR TEMPORARY TRAFFIC SIGNALS SHALL BE FULLY ACTUATED NEMA MICROPROCESSOR BASED WITH RS232 DATA ENTRY PORTS COMPATIBLE WITH EXISTING 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.
- 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.
- 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.
- ANY TEMPORARY SIGNAL WITHIN AN EXISTING CLOSED LOOP TRAFFIC SIGNAL SYSTEM SHALL BE INTERCONNECTED TO THAT SYSTEM USING SIMILAR BRAND CONTROL EQUIPMENT.
- THE TEMPORARY TRAFFIC SIGNAL SHALL HAVE THE SIGNAL HEAD DISPLAYS, SIGNAL HEAD PLACEMENTS AND CONTROLLER PHASING MATCH THE EXISTING TRAFFIC SIGNAL, AT THE TIME OF THE TURN ON, IF NO TRAFFIC STAGING IS IN PLACE OR WILL NOT BE STAGED ON THE DAY OF THE TURN ON.

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	TRAFFIC SIGNAL POST
3	EACH	SIGNAL HEAD, 1-FACE, 3-SECTION, MAST ARM MOUNTED
3	EACH	SIGNAL HEAD, 1-FACE, 5-SECTION, MAST ARM MOUNTED
1	EACH	SIGNAL HEAD, 2-FACE, 3-SECTION, BRACKET MOUNTED
3	EACH	SIGNAL HEAD, 2-FACE, 1-3 SECTION, 1-5 SECTION, BRACKET MOUNTED
8	EACH	PEDESTRIAN SIGNAL HEAD, 1-FACE, BRACKET MOUNTED
1	EACH	SERVICE INSTALLATION

THE FOLLOWING EXISTING TRAFFIC SIGNAL EQUIPMENT SHALL BE REMOVED BY THE CONTRACTOR, SHALL REMAIN THE PROPERTY OF THE AGENCY LISTED BELOW. THE CONTRACTOR SHALL SAFELY STORE AND ARRANGE FOR PICK UP OF ALL EQUIPMENT TO BE RETURNED TO THE LISTED AGENCY AS PER THE TRAFFIC SIGNAL SPECIFICATIONS.

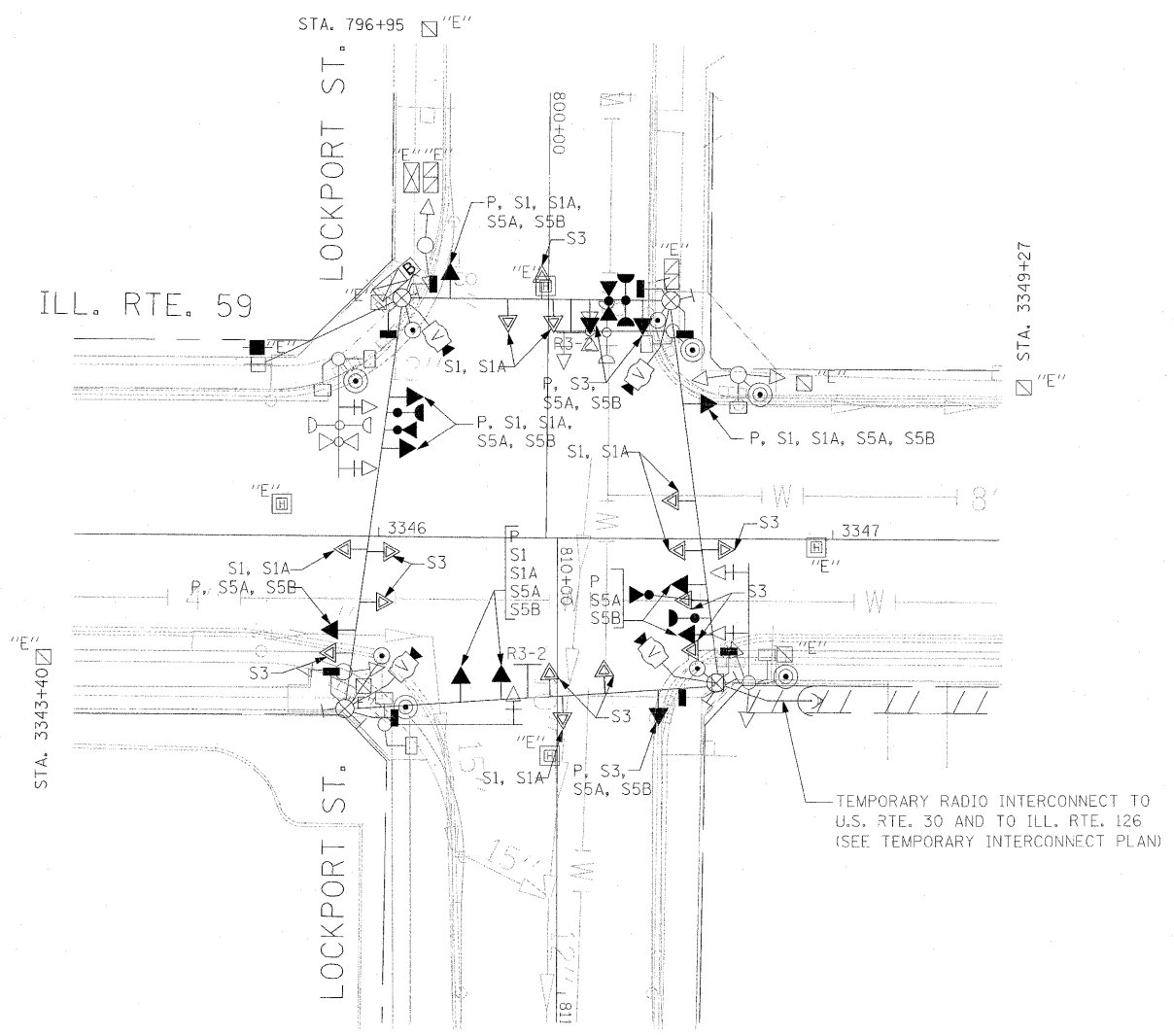
AGENCY: VILLAGE OF PLAINFIELD

2	EACH	LIGHT DETECTOR
1	EACH	LIGHT DETECTOR AMPLIFIER

NOTE FOR PEDESTRIAN SIGNALS:
THE PEDESTRIAN SIGNAL HEADS AND THE PUSH BUTTONS SHALL BE BAGGED AND DEACTIVATED WHEN NOT NEEDED IN ACCORDANCE WITH THE APPLICABLE CABLE DIAGRAM FOR INDIVIDUAL CONSTRUCTION STAGE AND AS DIRECTED BY THE ENGINEER.

THE TRAFFIC SIGNAL WORK IN THIS CONTRACT SHALL BE COORDINATED WITH IDOT CONTRACT 62417.

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



TEMPORARY TRAFFIC SIGNAL PLAN

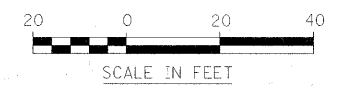
STAGES: PRE-STAGE 1, STAGE 1, STAGE 1A, STAGE 3, STAGE 5A AND STAGE 5B

TEMPORARY TRAFFIC SIGNAL LEGEND
















- TEMPORARY TRAFFIC SIGNAL HEAD SPAN WIRE MOUNTED ORIGINAL LOCATION
- TEMPORARY TRAFFIC SIGNAL HEAD SPAN WIRE MOUNTED SECONDARY 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
- MICROWAVE VEHICLE SENSOR
- PEDESTRIAN PUSHBUTTON DETECTOR
- EMERGENCY VEHICLE LIGHT DETECTOR
- CONFIRMATION BEACON
- VEHICLE DETECTOR, INDUCTION LOOP
- COMMON TRENCH
- UNIT DUCT
- G.S. CONDUIT IN GROUND
- HANDHOLE
- HEAVY DUTY HANDHOLE
- WIRELESS INTERCONNECT (ANTENNA)
- VIDEO CAMERA ASSEMBLY
- NO LEFT TURN (R3-2) SIGN
- UPS-BATTERY BACK-UP

EXISTING EQUIPMENT TO BE REMOVED LEGEND

- EXISTING SIGNAL TO BE REMOVED
- EXISTING SERVICE INSTALLATION TO BE REMOVED
- EXISTING SIGNAL POST AND FOUNDATION TO BE REMOVED
- EXISTING MAST ARM POLE AND FOUNDATION TO BE REMOVED
- EXISTING CONTROLLER AND FOUNDATION TO BE REMOVED
- EXISTING HANDHOLE TO BE REMOVED
- EXISTING DOUBLE HANDHOLE TO BE REMOVED
- PEDESTRIAN SIGNAL TO BE REMOVED
- EXISTING PEDESTRIAN PUSH-BUTTON TO BE REMOVED
- EMERGENCY VEHICLE LIGHT DETECTOR TO BE REMOVED
- CONFIRMATION BEACON TO BE REMOVED
- EXISTING HEAVY DUTY HANDHOLE TO BE REMOVED
- EXISTING STEEL MAST ARM POLE AND FOUNDATION TO BE REMOVED





TEMPORARY CABLE DIAGRAM LEGEND

-  TEMPORARY TRAFFIC SIGNAL SECTION OR PEDESTRIAN SIGNAL SECTION 12" (300mm)
-  TEMPORARY CONTROLLER CABINET
-  TEMPORARY SERVICE INSTALLATION
-  INDICATES NUMBER OF CONDUCTORS IN CABLE. ALL CONDUCTORS TO BE NUMBER 14 AWG WIRE UNLESS OTHERWISE NOTED.
-  EMERGENCY VEHICLE LIGHT DETECTOR
-  CONFIRMATION BEACON
-  VEHICLE DETECTOR, INDUCTION LOOP
-  PEDESTRIAN PUSHBUTTON DETECTOR
-  12" (300mm) PEDESTRIAN SIGNAL SECTION
-  MICROWAVE VEHICLE SENSOR
-  VIDEO CAMERA ASSEMBLY
-  WIRELESS INTERCONNECT (ANTENNA)
-  UPS-BATTERY BACK-UP
-  NO LEFT TURN (R3-2) SIGN
-  R3-2 24"x24"

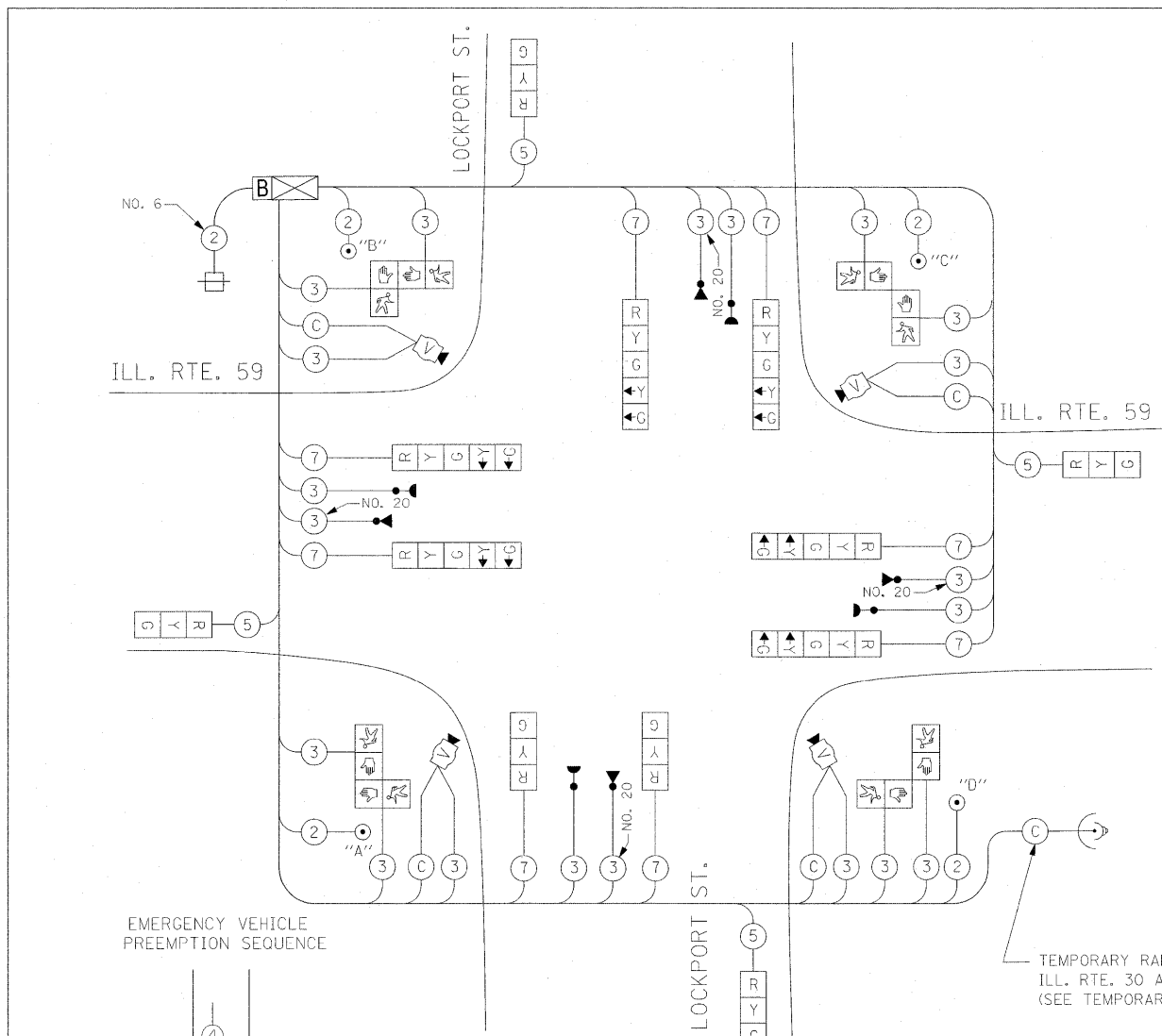
PUSH-BUTTON NOTE:

PUSH-BUTTON "A" SHALL PLACE A CALL IN PHASES 2 AND 4
 PUSH-BUTTON "B" SHALL PLACE A CALL IN PHASES 4 AND 6
 PUSH-BUTTON "C" SHALL PLACE A CALL IN PHASES 6 AND 8
 PUSH-BUTTON "A" SHALL PLACE A CALL IN PHASES 2 AND 8

LEGEND

-  DUAL ENTRY PHASE
-  PEDESTRIAN PHASE
- NUMBER REFERS TO ASSOCIATED PHASE

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION



TEMPORARY CABLE PLAN

STAGES: PRE-STAGE 1, STAGE 5A, AND STAGE 5B

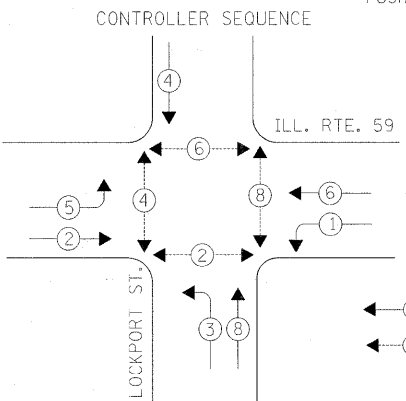
PROPOSED EMERGENCY VEHICLE PREEMPTORS	
EMERGENCY VEHICLE PREEMPTOR	3 4
MOVEMENT	↔ ↕

STAGES: PRE STAGE 1, STAGE 5A, AND STAGE 5B AND AFTER PROPOSED ROADWAY GEOMETRICS ARE BUILT AND OPEN TO TRAFFIC

I.D.O.T. TRAFFIC SIGNAL INSTALLATION ELECTRICAL SERVICE REQUIREMENTS					
TYPE	NO LAMPS	WATTAGE		%OPERATION	TOTAL WATTAGE
SIGNAL (RED)	12	135	17	0.50	102.0
(YELLOW)	12	135	25	0.25	75.0
(GREEN)	12	135	15	0.25	45.0
ARROW	12	135	12	0.10	14.4
PED. SIGNAL	8	90	25	1.00	200.0
CONTROLLER	1	100	100	1.00	100.0
ILLUM. SIGN				0.05	
FLASHER				0.50	
ENERGY COSTS TO:					TOTAL = 536.4

ENERGY SUPPLY CONTACT: MR. DALE BALLINGER
 PHONE: (815) 724-5717
 COMPANY: COMED

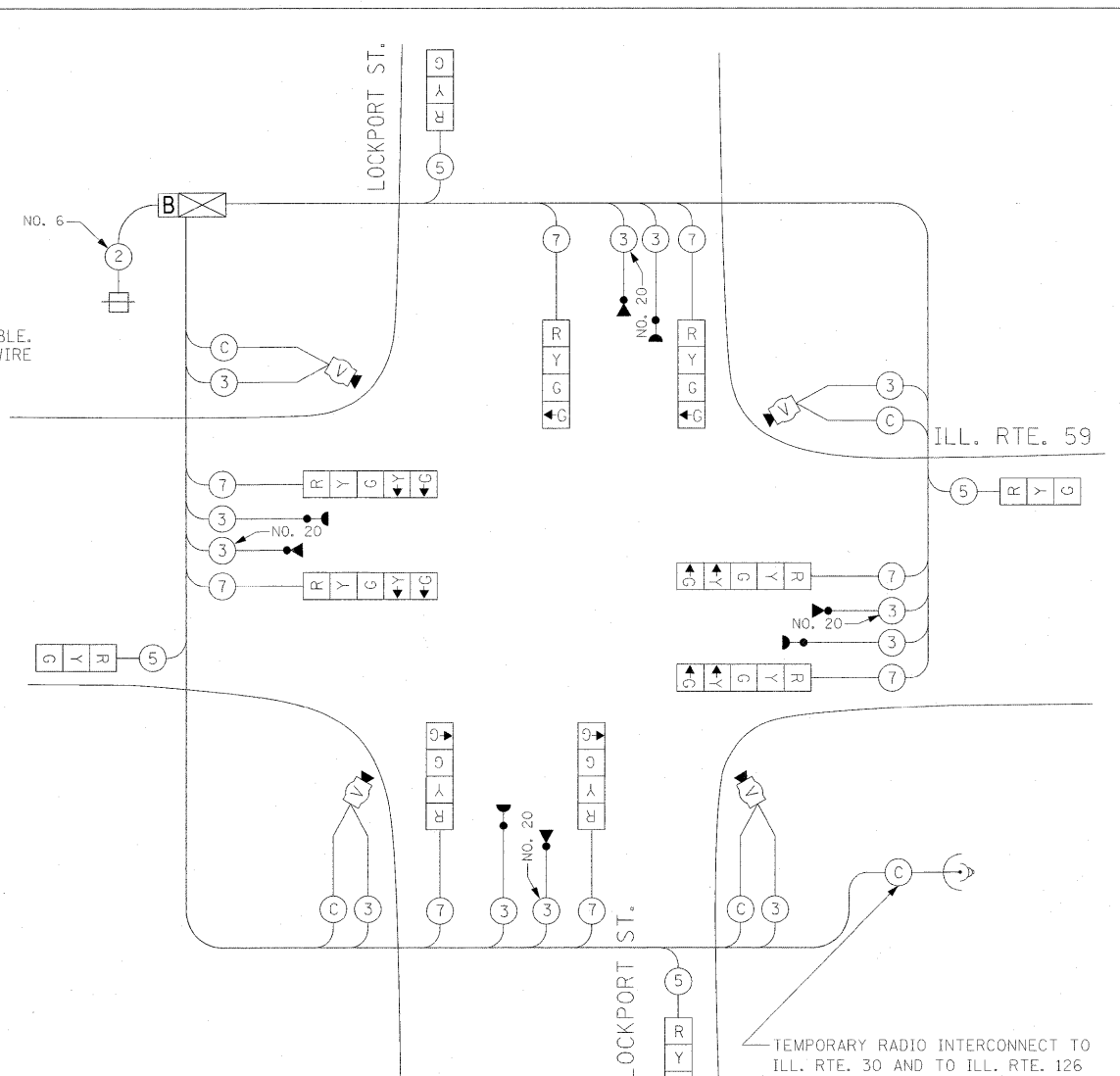
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#FILE#		DRAWN - BB,ME,YB	REVISED -
		CHECKED - PKG, RRM	REVISED -
		DATE - 10/15/2008	REVISED -



TEMPORARY PHASE DESIGNATION DIAGRAM
 STAGES: PRE-STAGE 1, STAGE 5A, AND STAGE 5B

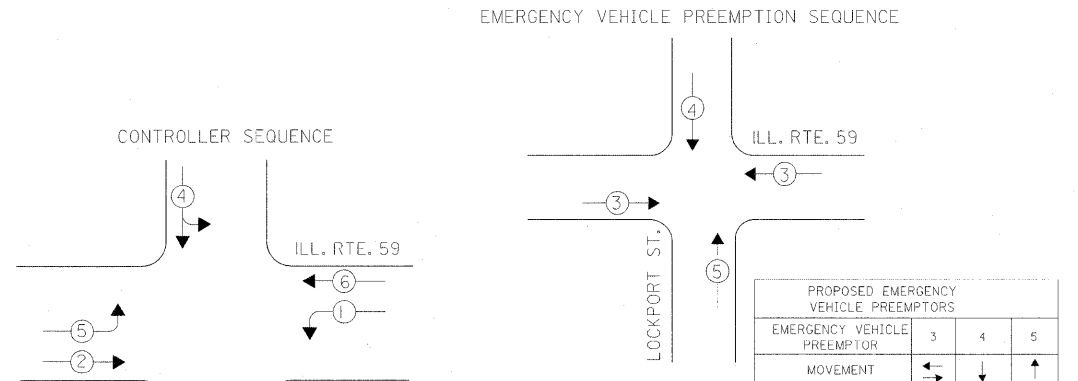
THE TRAFFIC SIGNAL CONTROL EQUIPMENT FOR THIS PROJECT SHALL BE "ECONOLITE" TO MATCH THE EXISTING ADJACENT SYSTEM.

THE TRAFFIC SIGNAL WORK IN THIS CONTRACT SHALL BE COORDINATED WITH IDOT CONTRACT 62417.



TEMPORARY CABLE PLAN

STAGES: STAGE 1, STAGE 1A

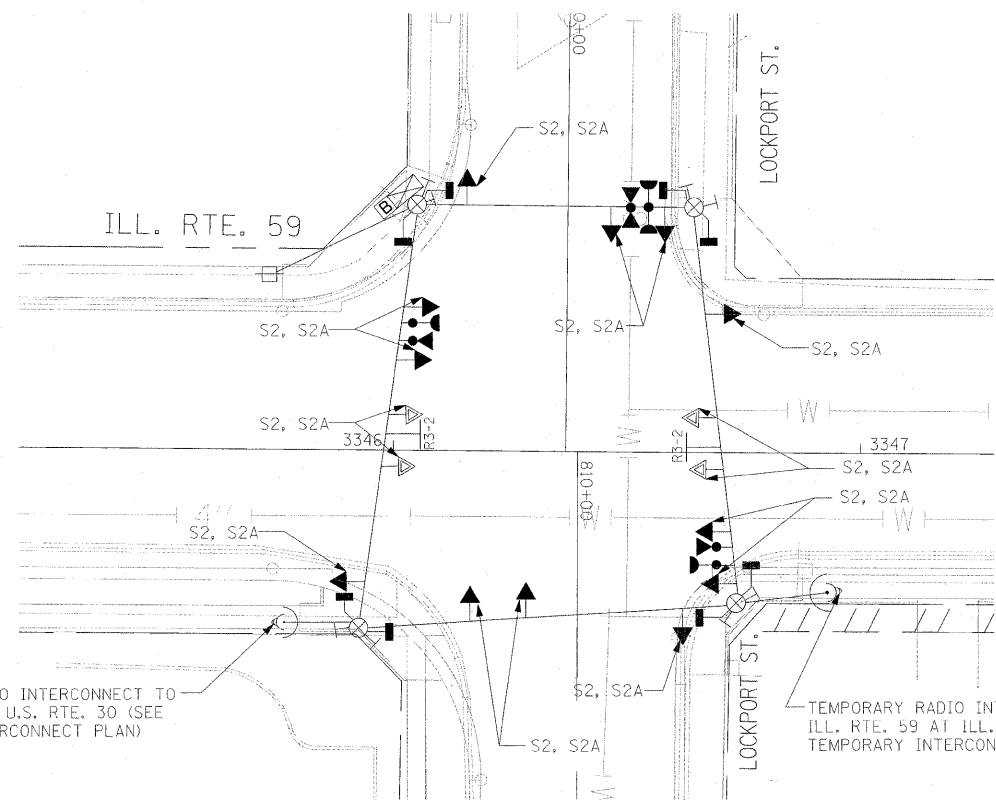


TEMPORARY PHASE DESIGNATION DIAGRAM
 STAGES: STAGE 1, STAGE 1A

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

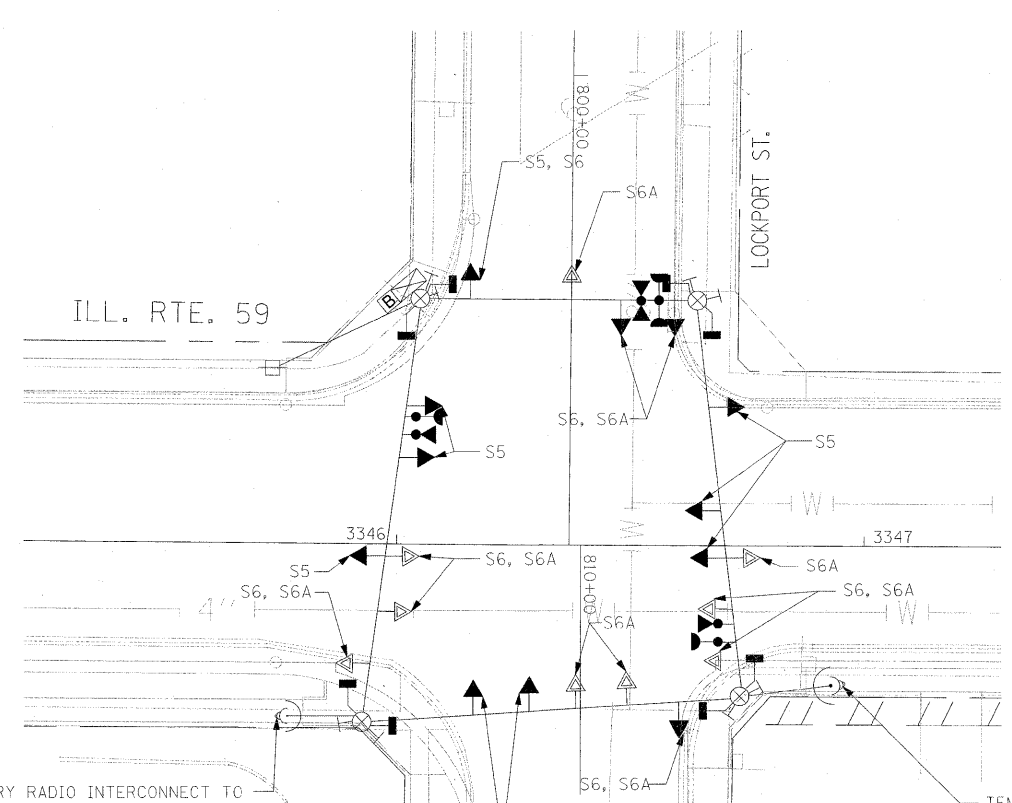
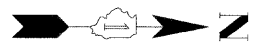
TEMPORARY CABLE PLAN, PHASE DESIGNATION DIAGRAM, EMERGENCY VEHICLE PREEMPTION SEQUENCE ILLINOIS ROUTE 59 AT LOCKPORT STREET
 PRE-STAGE 1, STAGE 1, STAGE 1A, STAGE 5A, STAGE 5B (SHEET 2 OF 6)

F.A. RTE. 338	SECTION 113 N-2	COUNTY WILL	TOTAL SHEETS 260	SHEET NO. 185
CONTRACT NO. 60E73			FED. ROAD DIST. NO. ILLINOIS FAP 338 (IL RTE. 59)	



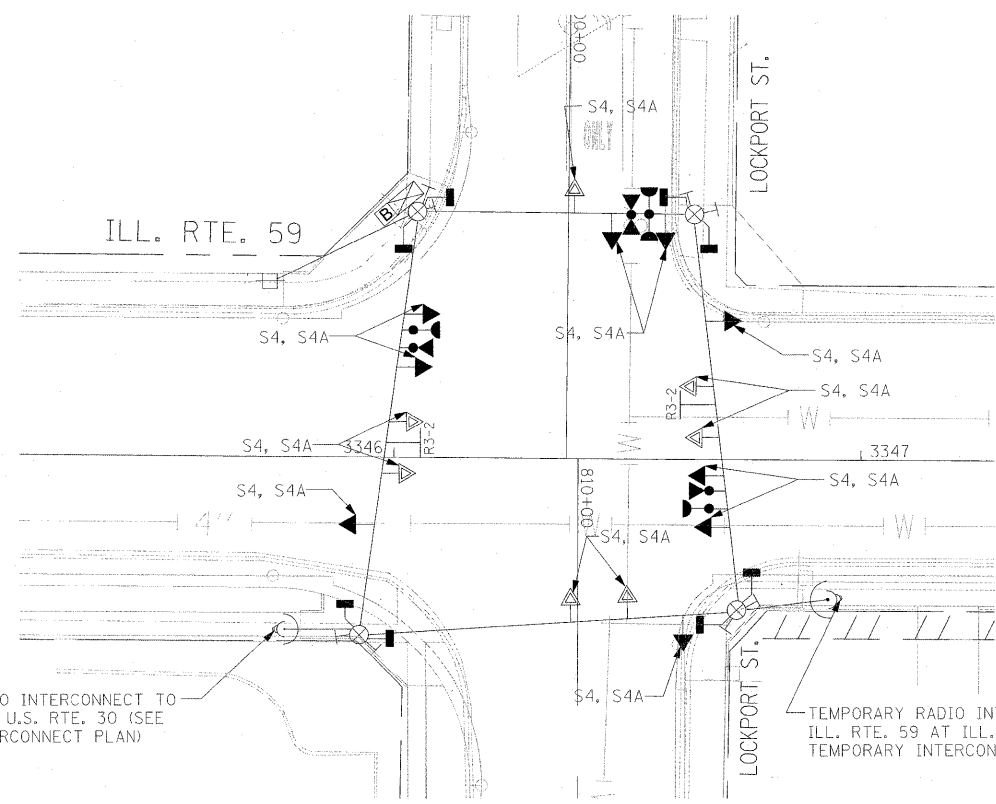
TEMPORARY TRAFFIC SIGNAL PLAN

STAGES: STAGE 2, AND 2A



TEMPORARY TRAFFIC SIGNAL PLAN

STAGES: STAGE 5, STAGE 6, AND STAGE 6A



TEMPORARY TRAFFIC SIGNAL PLAN

STAGES: STAGE 4 AND 4A

TEMPORARY TRAFFIC SIGNAL LEGEND

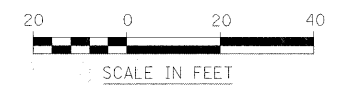
- TEMPORARY TRAFFIC SIGNAL HEAD SPAN WIRE MOUNTED ORIGINAL LOCATION
- TEMPORARY TRAFFIC SIGNAL HEAD SPAN WIRE MOUNTED SECONDARY LOCATION
- TEMPORARY WOOD POLE (CLASS 5 OR BETTER) 45 FOOT (13.7m) MINIMUM
- TEMPORARY CONTROLLER CABINET
- TEMPORARY SPAN WIRE, TETHER WIRE, AND CABLE
- TEMPORARY SERVICE INSTALLATION
- TEMPORARY PEDESTRIAN SIGNAL HEAD, BRACKET MOUNTED
- MICROWAVE VEHICLE SENSOR
- PEDESTRIAN PUSHBUTTON DETECTOR
- EMERGENCY VEHICLE LIGHT DETECTOR
- CONFIRMATION BEACON
- VEHICLE DETECTOR, INDUCTION LOOP
- COMMON TRENCH
- UNIT DUCT
- G.S. CONDUIT IN GROUND
- WIRELESS INTERCONNECT (ANTENNA)
- HEAVY DUTY HANDHOLE
- NO LEFT TURN (R3-2) SIGN
- HANDHOLE
- UPS-BATTERY BACK-UP

THE TRAFFIC SIGNAL WORK IN THIS CONTRACT SHALL BE COORDINATED WITH IDOT CONTRACT 62417.

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



R3-2
24"x24"



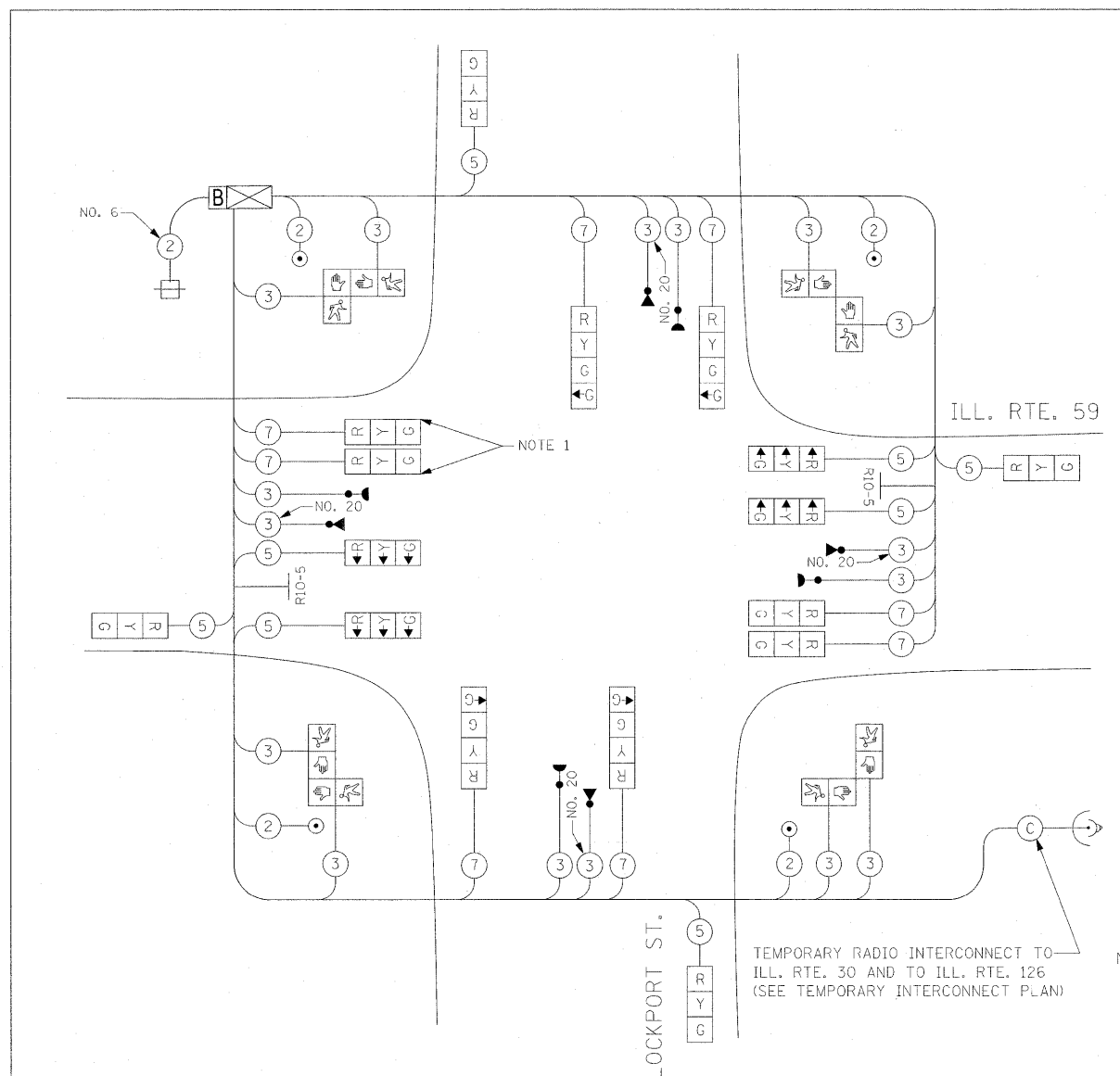
FILE NAME = \$FILEL\$	USER NAME = \$USER\$	DESIGNED - PKG, RRM	REVISED -
		DRAWN - BB, ME, YB	REVISED -
		CHECKED - PKG, RRM	REVISED -
		DATE - 10/15/2008	REVISED -
PLOT SCALE = \$SCALE\$			
PLOT DATE = 1/13/2009			

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TEMPORARY TRAFFIC SIGNAL INSTALLATION, CABLE PLAN, PHASE DESIGNATION DIAGRAM, AND EMERGENCY VEHICLE PREEMPTION SEQUENCE ILLINOIS ROUTE 59 AT LOCKPORT STREET STAGE 2, STAGE 2A, STAGE 4, STAGE 4A, STAGE 5, STAGE 6, AND STAGE 6A (SHEET 3 OF 6)

SCALE: SHEET NO. 3 OF 6 SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
338	113 N-2	WILL	260	186
CONTRACT NO. 60E73			FEB. ROAD DIST. NO. ILLINOIS FAP 338 (IL RTE. 59)	

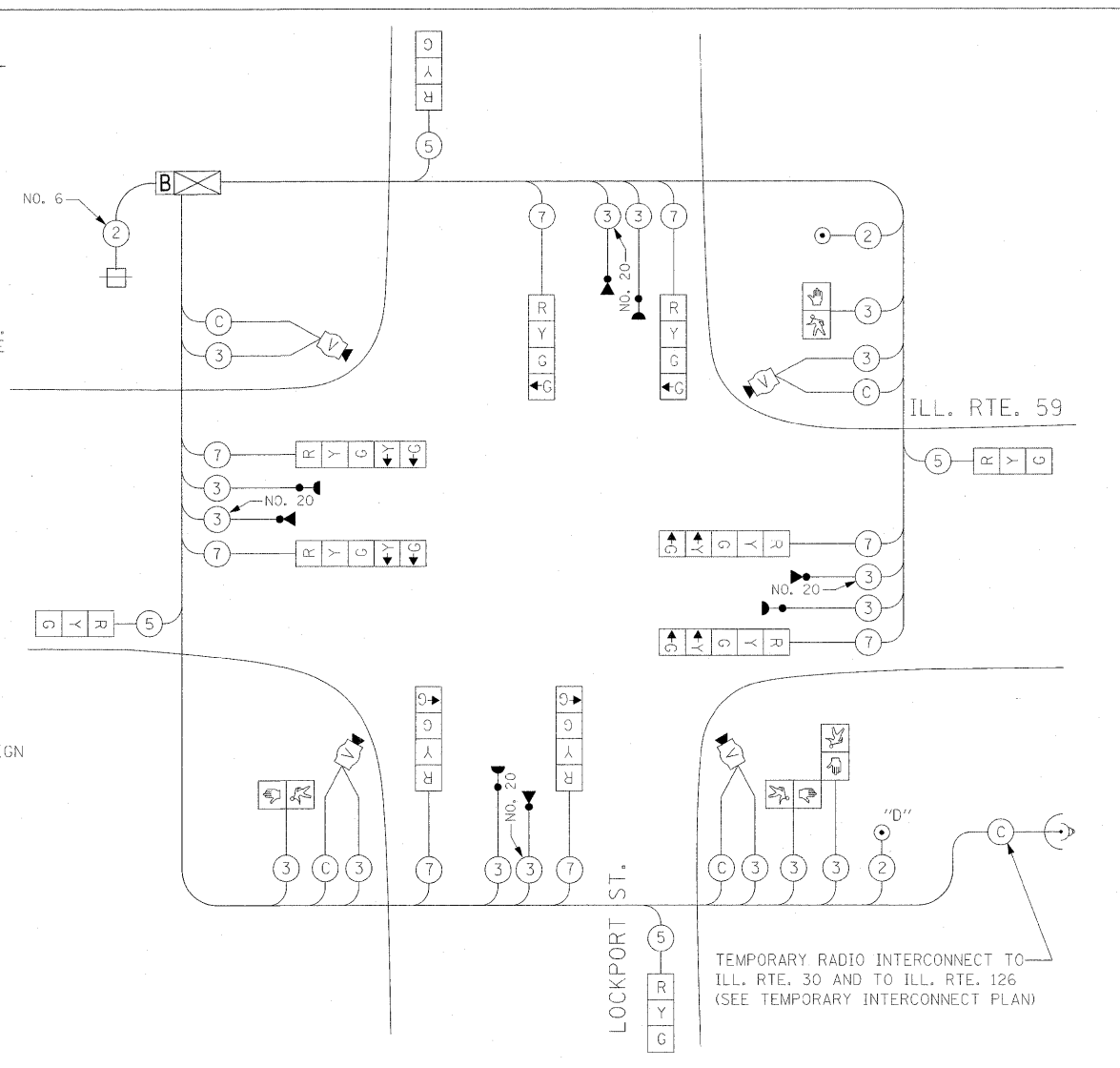


TEMPORARY CABLE PLAN
STAGES: STAGE 2, AND STAGE 2A

- ### TEMPORARY CABLE DIAGRAM LEGEND
- TEMPORARY TRAFFIC SIGNAL SECTION OR PEDESTRIAN SIGNAL SECTION 12" (300mm)
 - TEMPORARY CONTROLLER CABINET
 - TEMPORARY SERVICE INSTALLATION
 - INDICATES NUMBER OF CONDUCTORS IN CABLE. ALL CONDUCTORS TO BE NUMBER 14 AWG WIRE UNLESS OTHERWISE NOTED.
 - EMERGENCY VEHICLE LIGHT DETECTOR
 - CONFIRMATION BEACON
 - VEHICLE DETECTOR, INDUCTION LOOP
 - PEDESTRIAN PUSHBUTTON DETECTOR
 - 12" (300mm) PEDESTRIAN SIGNAL SECTION
 - MICROWAVE VEHICLE SENSOR
 - VIDEO CAMERA ASSEMBLY
 - WIRELESS INTERCONNECT (ANTENNA)
 - UPS-BATTERY BACK-UP
 - LEFT TURN ON GREEN ARROW ONLY (R10-5) SIGN

LEFT ON GREEN ARROW ONLY
R10-5, 24" X 30"

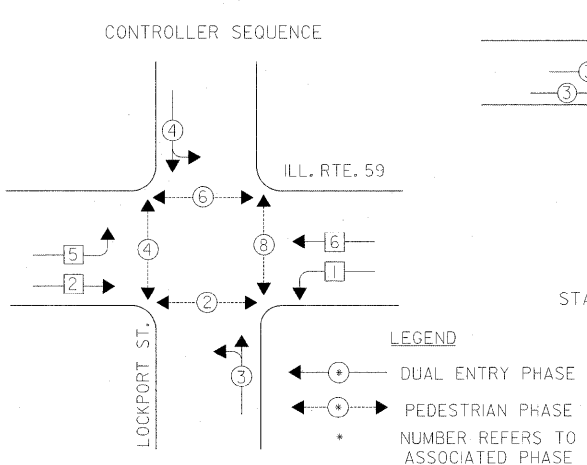
NOTE 1: THE ORIGINAL GREEN AND YELLOW LEFT ARROW SECTION IN THE SOUTHBOUND DIRECTION OF TRAFFIC CAN BE DISCONNECTED AND BAGGED AS SHOWN.



TEMPORARY CABLE PLAN
STAGES: STAGE 3

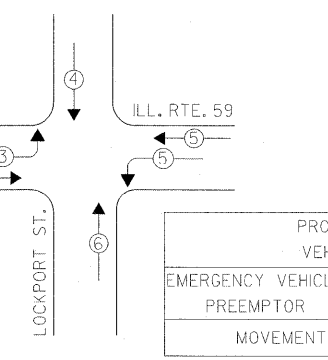
PUSH-BUTTON NOTE:
PUSH-BUTTON "A" SHALL PLACE A CALL IN PHASES 2 AND 4
PUSH-BUTTON "B" SHALL PLACE A CALL IN PHASES 4 AND 6
PUSH-BUTTON "C" SHALL PLACE A CALL IN PHASES 6 AND 8
PUSH-BUTTON "D" SHALL PLACE A CALL IN PHASES 2 AND 8

I.D.O.T. TRAFFIC SIGNAL INSTALLATION ELECTRICAL SERVICE REQUIREMENTS					
TYPE	NO LAMPS	WATTAGE		%OPERATION	TOTAL WATTAGE
SIGNAL (RED)	16	135	17	0.50	136.0
(YELLOW)	16	135	25	0.25	100.0
(GREEN)	20	135	15	0.25	75.0
ARROW		135	12	0.10	
PED. SIGNAL	8	90	25	1.00	200.0
CONTROLLER	1	100	100	1.00	100.0
ILLUM. SIGN				0.05	
FLASHER				0.50	
ENERGY COSTS TO:					TOTAL =
ILLINOIS DEPARTMENT OF TRANSPORTATION 201 WEST CENTER COURT SCHAUMBURG, ILLINOIS 60196-1096					611.0
ENERGY SUPPLY CONTACT: MR. DALE BALLINGER PHONE: (815) 724-5717 COMPANY: COMED					



TEMPORARY PHASE DESIGNATION DIAGRAM
STAGES: STAGE 2, STAGE 2A

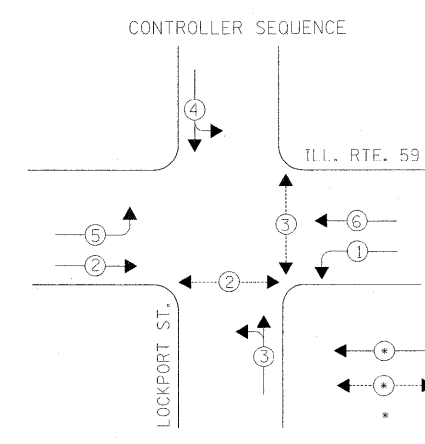
EMERGENCY VEHICLE PREEMPTION SEQUENCE



STAGES: STAGE 2, STAGE 2A

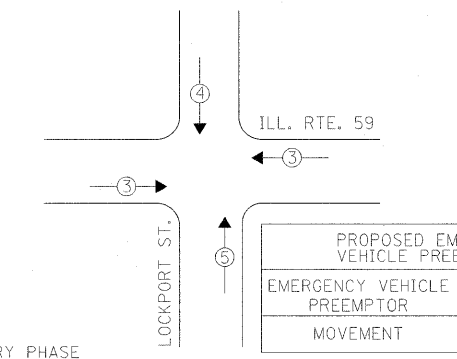
PROPOSED EMERGENCY VEHICLE PREEMPTORS				
EMERGENCY VEHICLE PREEMPTOR	3	4	5	6
MOVEMENT	→	↓	←	↑

THE TRAFFIC SIGNAL WORK IN THIS CONTRACT SHALL BE COORDINATED WITH IDOT CONTRACT 62417.
THE TRAFFIC SIGNAL CONTROL EQUIPMENT FOR THIS PROJECT SHALL BE "ECONOLITE" TO MATCH THE EXISTING ADJACENT SYSTEM.



TEMPORARY PHASE DESIGNATION DIAGRAM
STAGES: STAGE 3

EMERGENCY VEHICLE PREEMPTION SEQUENCE



STAGES: STAGE 3







PROPOSED EMERGENCY VEHICLE PREEMPTORS			
EMERGENCY VEHICLE PREEMPTOR	3	4	5
MOVEMENT	→	↓	↑

PUSH-BUTTON NOTE:
PUSH-BUTTON "D" SHALL PLACE A CALL IN PHASES 2 AND 8

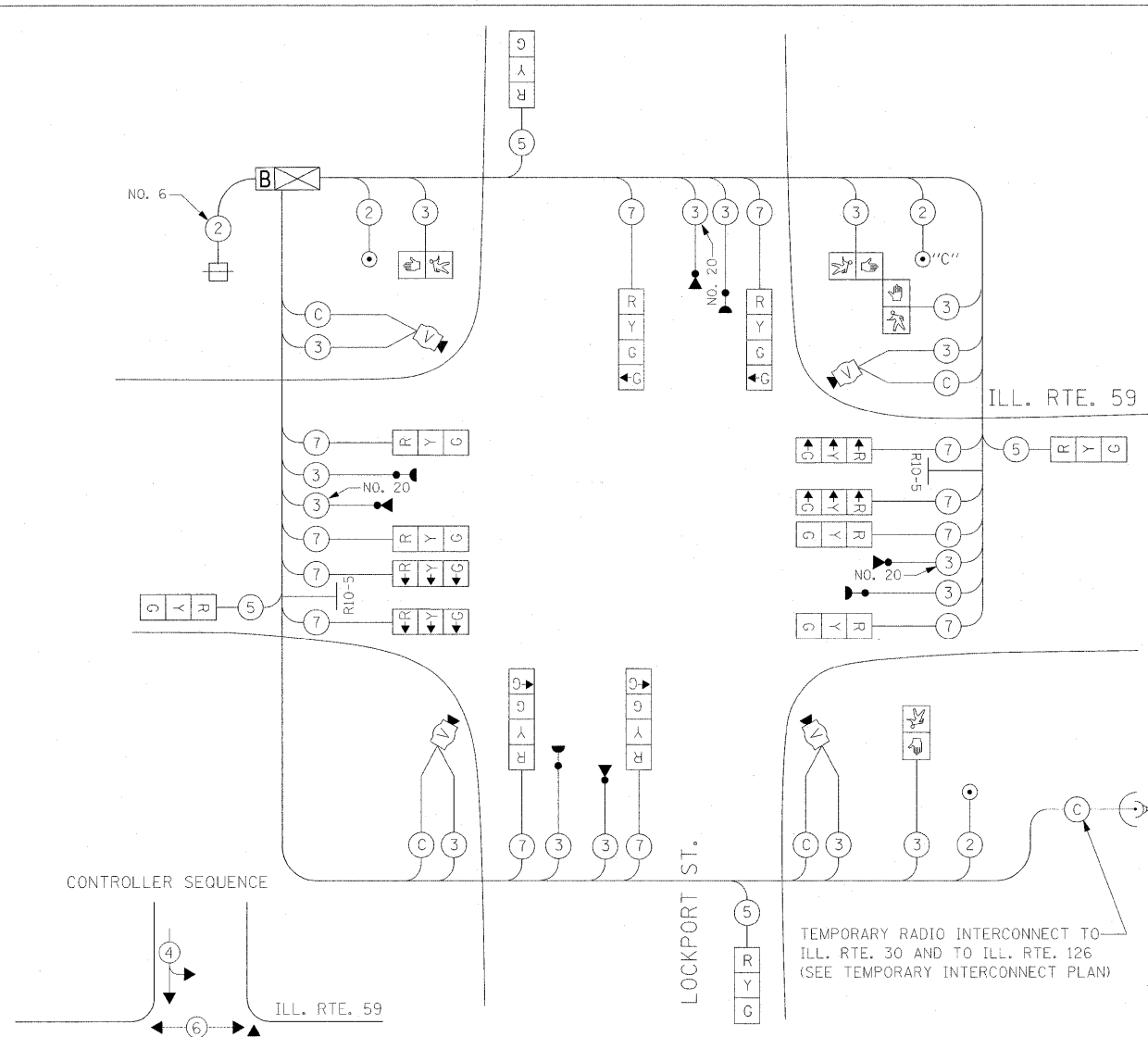
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

TEMPORARY CABLE PLAN, PHASE DESIGNATION DIAGRAM, EMERGENCY VEHICLE PREEMPTION SEQUENCE ILLINOIS ROUTE 59 AT LOCKPORT STREET STAGE 2, STAGE 2A AND STAGE 3 (SHEET 4 OF 6)	F.A. RTE. 338	SECTION 113 N-2	COUNTY WILL	TOTAL SHEETS 260	SHEET NO. 187
SCALE: SHEET NO. 4 OF 6 SHEETS STA. TO STA.	FED. ROAD DIST. NO. ILLINOIS		CONTRACT NO. 60E73 FAP 338 (ILL. RTE. 59)		

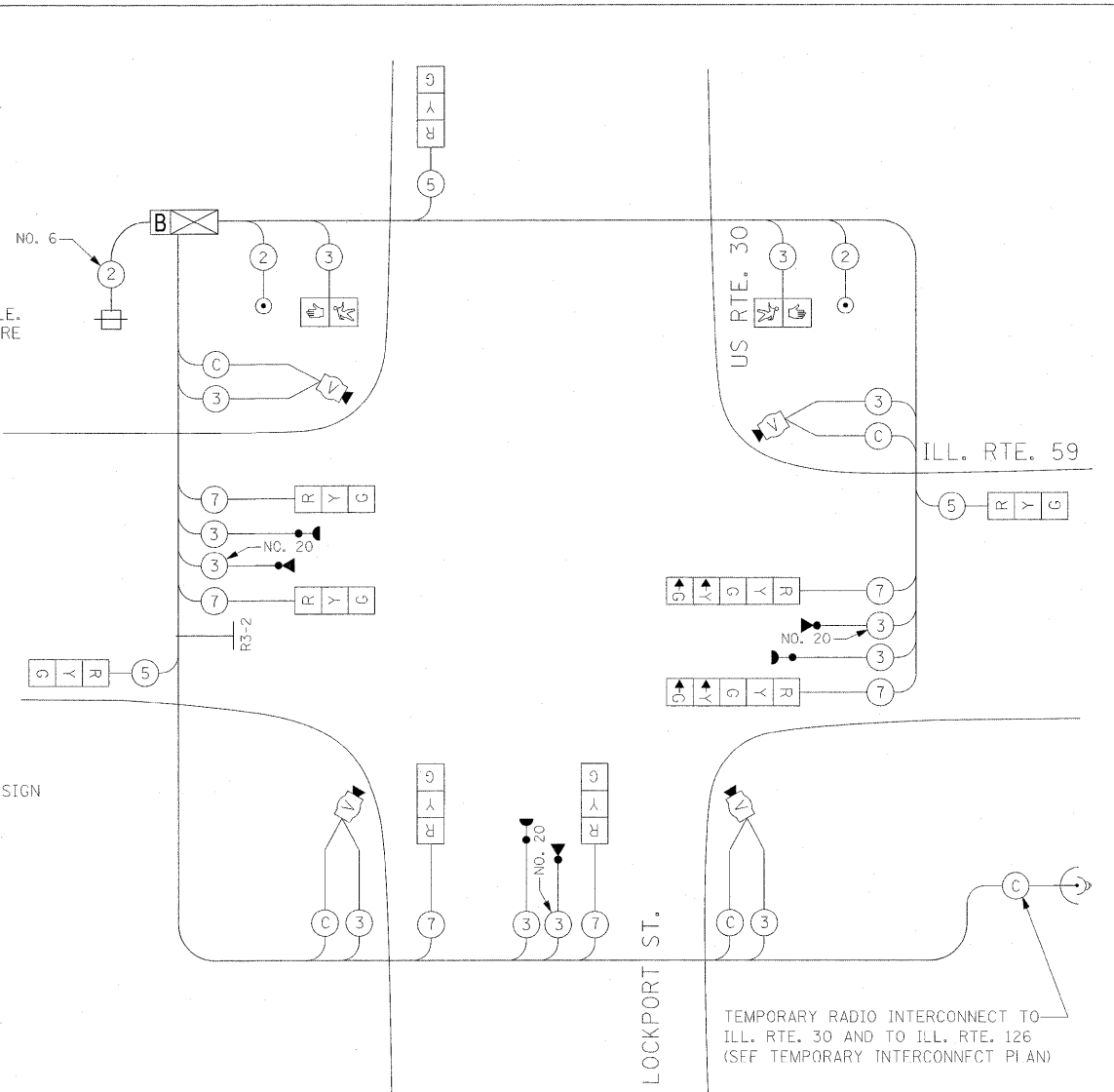
TEMPORARY CABLE DIAGRAM LEGEND

-  TEMPORARY TRAFFIC SIGNAL SECTION OR PEDESTRIAN SIGNAL SECTION 12" (300mm)
-  TEMPORARY CONTROLLER CABINET
-  TEMPORARY SERVICE INSTALLATION
-  INDICATES NUMBER OF CONDUCTORS IN CABLE. ALL CONDUCTORS TO BE NUMBER 14 AWG WIRE UNLESS OTHERWISE NOTED.
-  EMERGENCY VEHICLE LIGHT DETECTOR
-  CONFIRMATION BEACON
-  VEHICLE DETECTOR, INDUCTION LOOP
-  PEDESTRIAN PUSHBUTTON DETECTOR
-  12" (300mm) PEDESTRIAN SIGNAL SECTION
-  MICROWAVE VEHICLE SENSOR
-  VIDEO CAMERA ASSEMBLY
-  WIRELESS INTERCONNECT (ANTENNA)
-  UPS-BATTERY BACK-UP
-  NO LEFT TURN (R3-2) SIGN
-  LEFT TURN ON GREEN ARROW ONLY (R10-5) SIGN
-  R3-2 24"x24"
-  R10-5, 24" X 30"

PUSH-BUTTON NOTE:
PUSH-BUTTON "C" SHALL PLACE A CALL IN PHASES 6 AND 8

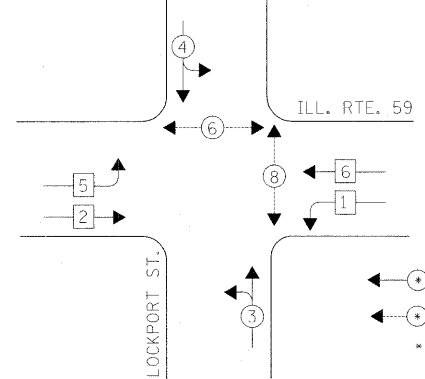


TEMPORARY CABLE PLAN
STAGES: STAGE 4 AND STATE 4A





TEMPORARY CABLE PLAN
STAGES: STAGE 5

CONTROLLER SEQUENCE

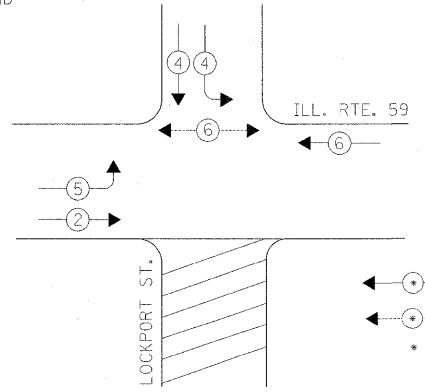


TEMPORARY PHASE DESIGNATION DIAGRAM
STAGES: STAGE 4 AND STATE 4A

- LEGEND
-  DUAL ENTRY PHASE
 -  PEDESTRIAN PHASE
 - NUMBER REFERS TO ASSOCIATED PHASE

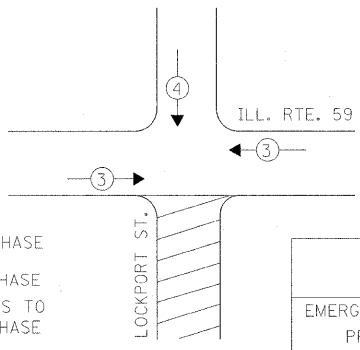
NOTE 1: THE ORIGINAL SIGNAL HEADS WESTBOUND DIRECTION OF TRAFFIC CAN BE DISCONNECTED AND BAGGED DURING THIS CONSTRUCTION STAGE AS SHOWN.

CONTROLLER SEQUENCE



TEMPORARY PHASE DESIGNATION DIAGRAM
STAGES: STAGE 5

EMERGENCY VEHICLE PREEMPTION SEQUENCE



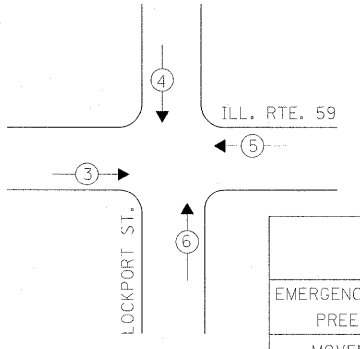
STAGES: STAGE 5

PROPOSED EMERGENCY VEHICLE PREEMPTORS			
EMERGENCY VEHICLE PREEMPTOR	3	4	5
MOVEMENT	↔	↓	↑

I.D.O.T. TRAFFIC SIGNAL INSTALLATION ELECTRICAL SERVICE REQUIREMENTS					
TYPE	NO LAMPS	WATTAGE		%OPERATION	TOTAL WATTAGE
SIGNAL (RED)	16	135	17	0.50	136.0
(YELLOW)	16	135	25	0.25	100.0
(GREEN)	20	135	15	0.25	75.0
ARROW		135	12	0.10	
PED. SIGNAL	4	90	25	1.00	100.0
CONTROLLER	1	100	100	1.00	100.0
ILLUM. SIGN				0.05	
FLASHER				0.50	
ENERGY COSTS TO:					TOTAL = 511.0

ENERGY SUPPLY CONTACT: MR. DALE BALLINGER
PHONE: (815) 724-5717
COMPANY: COMED

EMERGENCY VEHICLE PREEMPTION SEQUENCE



STAGES: STAGE 4 AND STATE 4A

THE TRAFFIC SIGNAL WORK IN THIS CONTRACT SHALL BE COORDINATED WITH IDOT CONTRACT 62417.

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

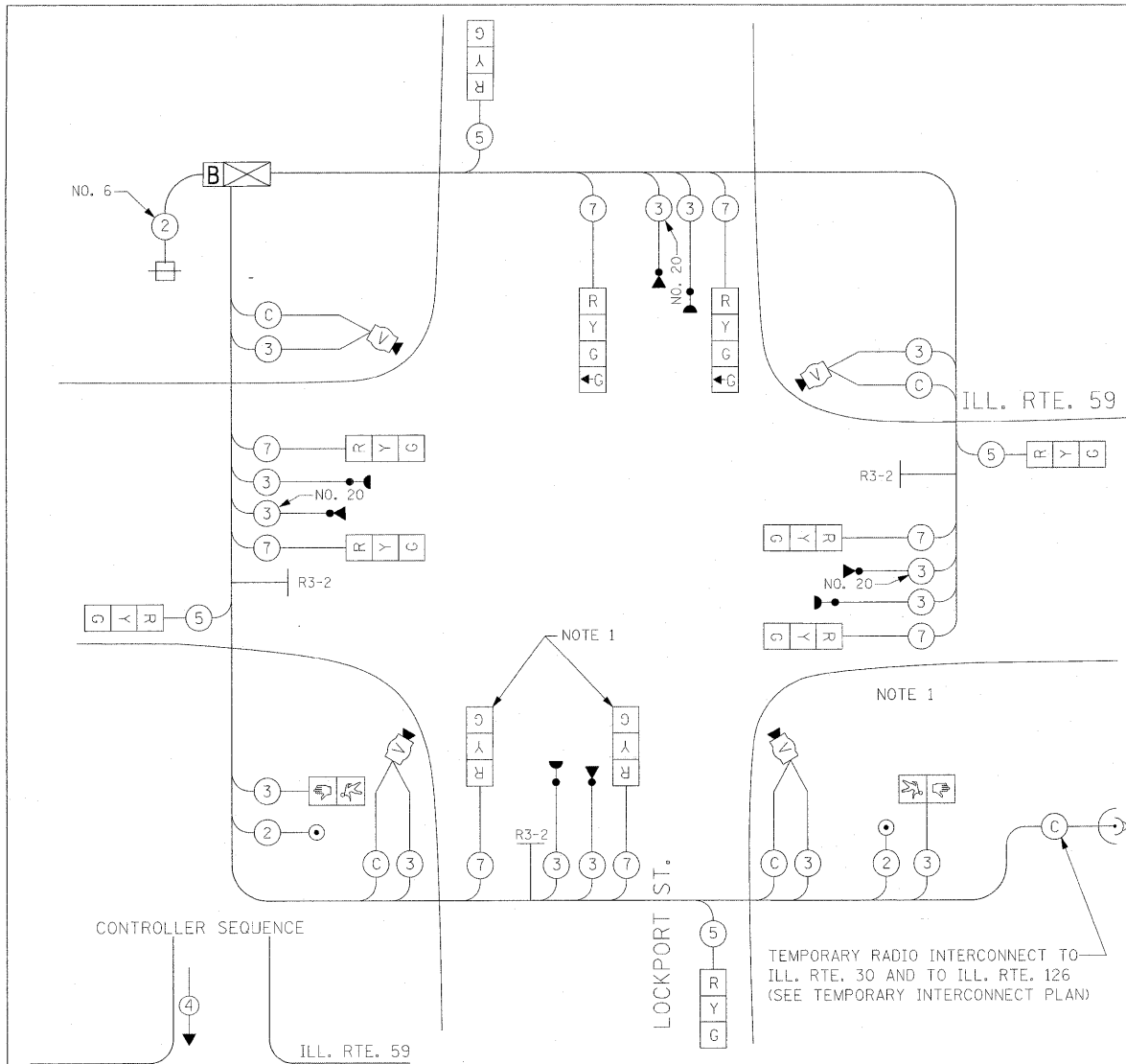
PROPOSED EMERGENCY VEHICLE PREEMPTORS				
EMERGENCY VEHICLE PREEMPTOR	3	4	5	6
MOVEMENT	→	↓	←	↑

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

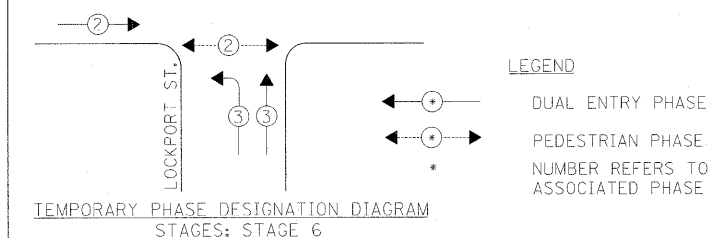
TEMPORARY CABLE PLAN, PHASE DESIGNATION DIAGRAM, EMERGENCY VEHICLE PREEMPTION SEQUENCE ILLINOIS ROUTE 59 AT LOCKPORT STREET STAGE 4, STAGE 4A, STAGE 5 (SHEET 5 OF 6)	F.A. RTE. 338	SECTION 113 N-2	COUNTY WILL	TOTAL SHEETS NO. 260 188
SCALE: SHEET NO. 5 OF 6 SHEETS STA. TO STA.	CONTRACT NO. 60E73 FED. ROAD DIST. NO. ILLINOIS FAP 338 (ILL. RTE. 59)			

TEMPORARY CABLE DIAGRAM LEGEND

- TEMPORARY TRAFFIC SIGNAL SECTION OR PEDESTRIAN SIGNAL SECTION 12" (300mm)
- TEMPORARY CONTROLLER CABINET
- TEMPORARY SERVICE INSTALLATION
- INDICATES NUMBER OF CONDUCTORS IN CABLE. ALL CONDUCTORS TO BE NUMBER 14 AWG WIRE UNLESS OTHERWISE NOTED.
- EMERGENCY VEHICLE LIGHT DETECTOR
- CONFIRMATION BEACON
- VEHICLE DETECTOR, INDUCTION LOOP
- PEDESTRIAN PUSHBUTTON DETECTOR
- 12" (300mm) PEDESTRIAN SIGNAL SECTION
- MICROWAVE VEHICLE SENSOR
- VIDEO CAMERA ASSEMBLY
- WIRELESS INTERCONNECT (ANTENNA)
- UPS-BATTERY BACK-UP
- NO LEFT TURN (R3-2) SIGN
- R3-2
24"x24"

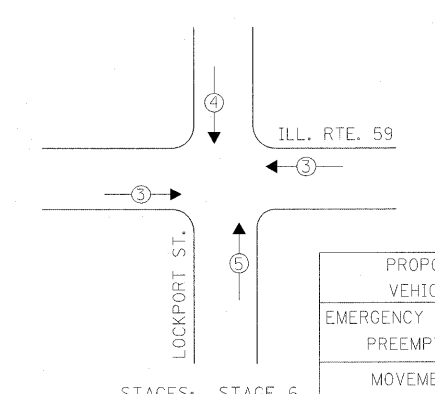


TEMPORARY CABLE PLAN
STAGES: STAGE 6



I.D.O.T. TRAFFIC SIGNAL INSTALLATION ELECTRICAL SERVICE REQUIREMENTS					
TYPE	NO LAMPS	WATTAGE		%OPERATION	TOTAL WATTAGE
		INCAND.	LED		
SIGNAL (RED)	12	135	17	0.50	102.0
(YELLOW)	12	135	25	0.25	75.0
(GREEN)	16	135	15	0.25	60.0
ARROW		135	12	0.10	
PED. SIGNAL	2	90	25	1.00	50.0
CONTROLLER	1	100	100	1.00	100.0
ILLUM. SIGN				0.05	
FLASHER				0.50	
ENERGY COSTS TO:					TOTAL =
ILLINOIS DEPARTMENT OF TRANSPORTATION 201 WEST CENTER COURT SCHAUMBURG, ILLINOIS 60196-1096					387.0
ENERGY SUPPLY CONTACT: MR. DALE BALLINGER PHONE: (815) 724-5717 COMPANY: COMED					

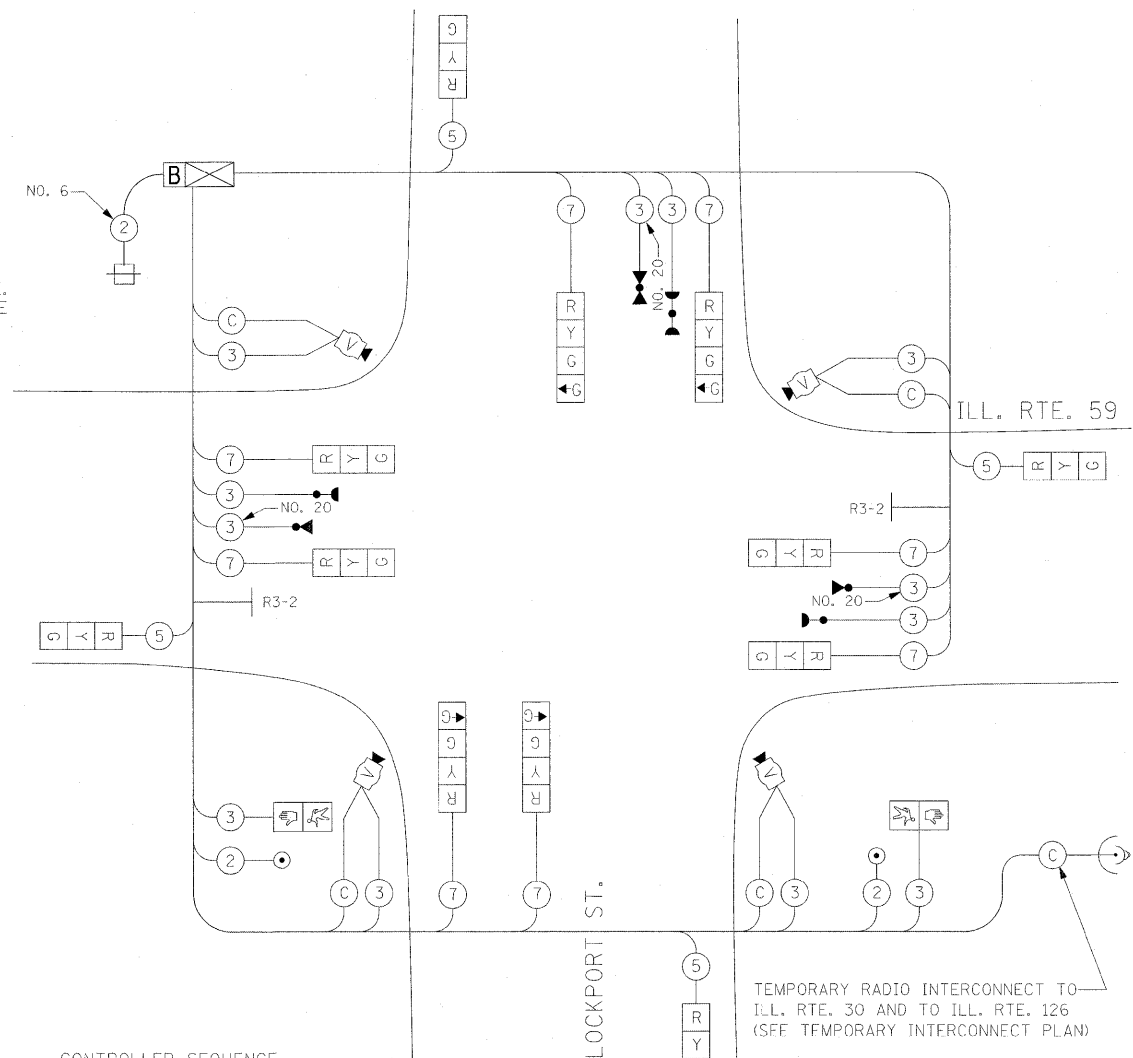
EMERGENCY VEHICLE PREEMPTION SEQUENCE



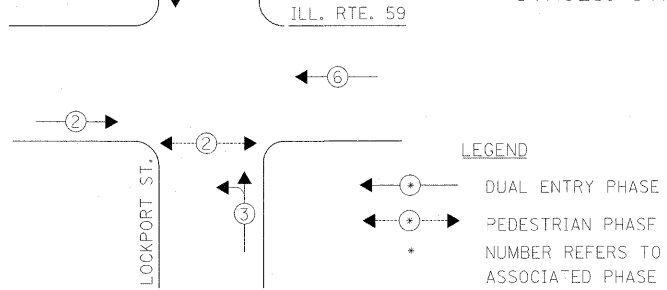
THE TRAFFIC SIGNAL WORK IN THIS CONTRACT SHALL BE COORDINATED WITH IDOT CONTRACT 62417.

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

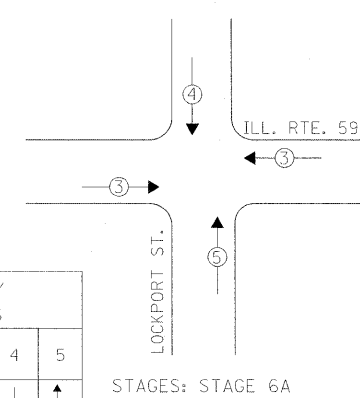
PROPOSED EMERGENCY VEHICLE PREEMPTORS			
EMERGENCY VEHICLE PREEMPTOR	3	4	5
MOVEMENT	←	↓	↑



TEMPORARY CABLE PLAN
STAGES: STAGE 6A



EMERGENCY VEHICLE PREEMPTION SEQUENCE



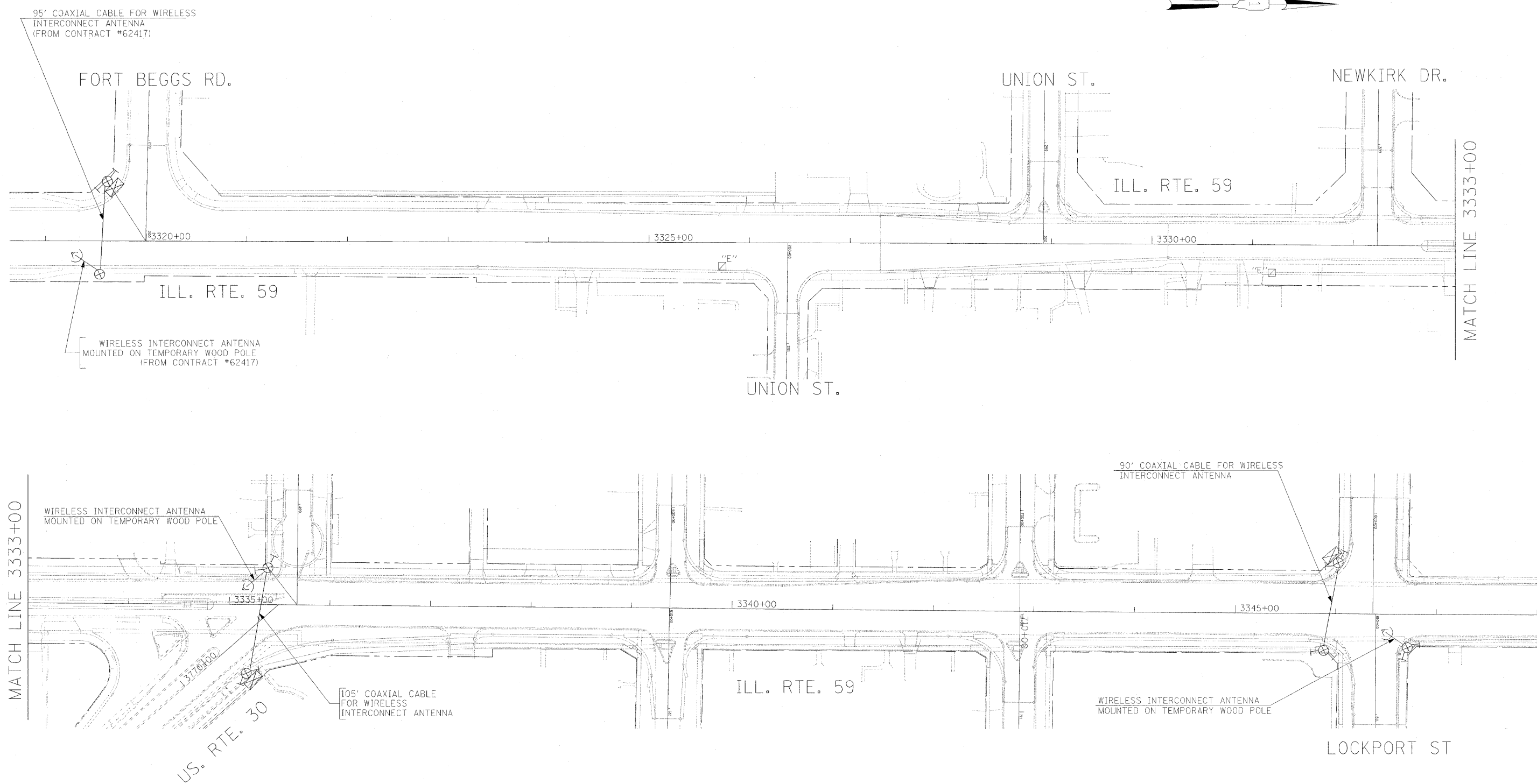
PROPOSED EMERGENCY VEHICLE PREEMPTORS			
EMERGENCY VEHICLE PREEMPTOR	3	4	5
MOVEMENT	←	↓	↑

FILE NAME =	USER NAME = #USER#	DESIGNED - PKG, RRM	REVISED -
#FILE#		DRAWN - BB, ME, YB	REVISED -
		CHECKED - PKG, RRM	REVISED -
		DATE - 10/15/2008	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

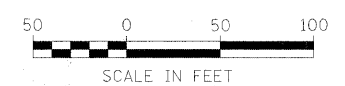
TEMPORARY CABLE PLAN, PHASE DESIGNATION DIAGRAM, EMERGENCY VEHICLE PREEMPTION SEQUENCE ILLINOIS ROUTE 59 AT LOCKPORT STREET STAGE 6, STAGE 6 A (SHEET 6 OF 6)			
SCALE:	SHEET NO. 6 OF 6 SHEETS	STA. TO STA.	FED. ROAD DIST. NO. ILLINOIS

F.A. RTE. 338	SECTION 113 N-2	COUNTY WILL	TOTAL SHEET NO. 260 / 189
			CONTRACT NO. 60E73
			FAP 338 (ILL. RTE. 59)



THE TRAFFIC SIGNAL WORK IN THIS CONTRACT SHALL BE COORDINATED WITH IDOT CONTRACT 62417.

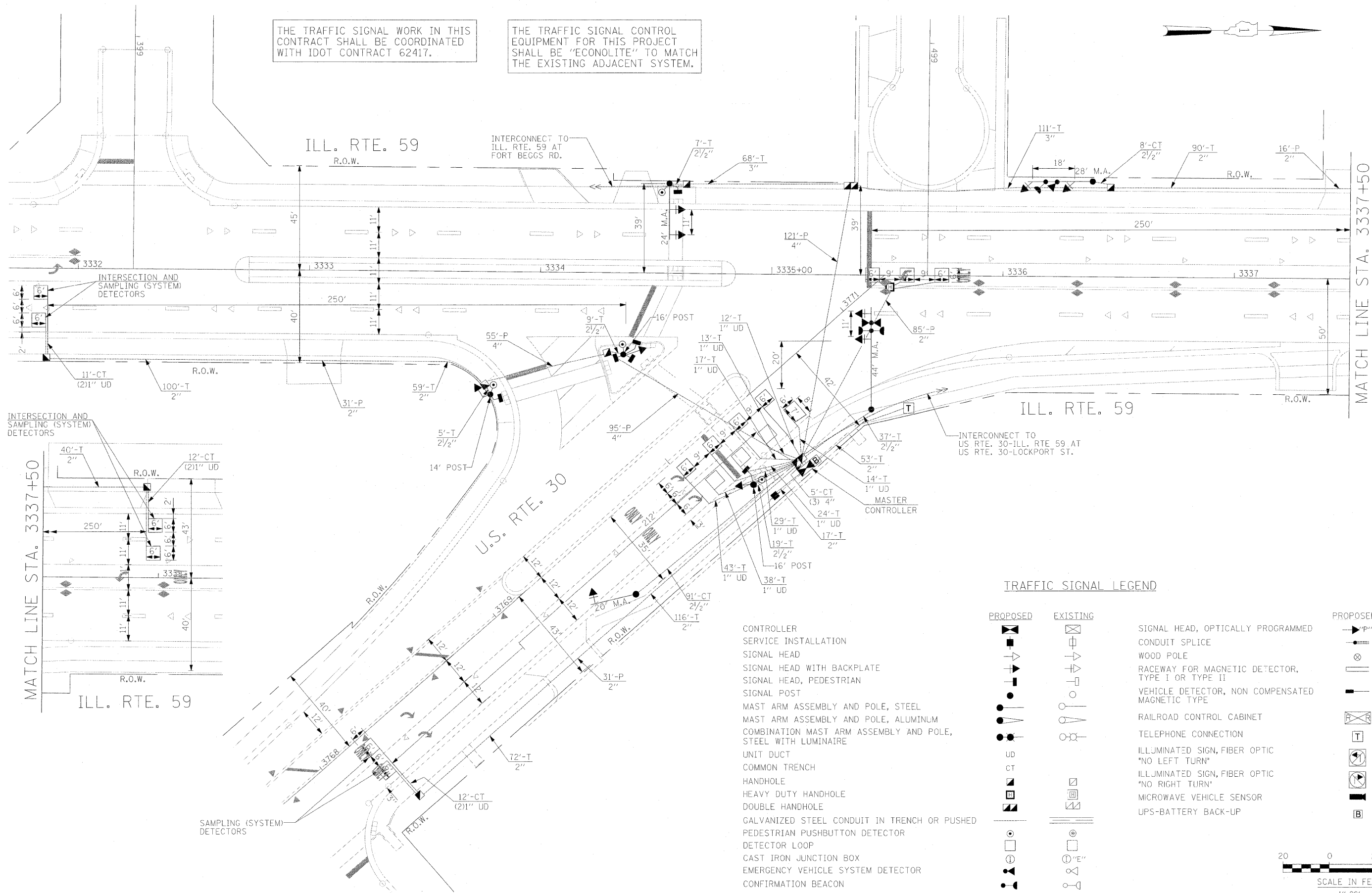
THE TRAFFIC SIGNAL CONTROL EQUIPMENT FOR THIS PROJECT SHALL BE "ECONOLITE" TO MATCH THE EXISTING ADJACENT SYSTEM.



FILE NAME = #FILEL#	USER NAME = #USER#	DESIGNED - PKG, RRM	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	TEMPORARY INTERCONNECT PLAN ILLINOIS ROUTE 59 FROM U.S. ROUTE 30 TO PLAINFIELD-NAPERVILLE ROAD			F.A. RTE. 338	SECTION 113 N-2	COUNTY WILL	TOTAL SHEETS 260	SHEET NO. 190
	PLOT SCALE = #SCALE#	DRAWN - BB, ME, YB	REVISED -					CONTRACT NO. 60E73				
	PLOT DATE = 1/13/2009	CHECKED - PKG, RRM	REVISED -		SCALE: SHEET NO. OF SHEETS STA. TO STA.			FED. ROAD DIST. NO. ILLINOIS	FAP 338 (IL RTE. 59)			
		DATE - 10/15/2008	REVISED -									

THE TRAFFIC SIGNAL WORK IN THIS CONTRACT SHALL BE COORDINATED WITH IDOT CONTRACT 62417.

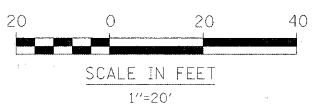
THE TRAFFIC SIGNAL CONTROL EQUIPMENT FOR THIS PROJECT SHALL BE "ECONOLITE" TO MATCH THE EXISTING ADJACENT SYSTEM.



TRAFFIC SIGNAL LEGEND

PROPOSED	EXISTING	PROPOSED	EXISTING
		SIGNAL HEAD, OPTICALLY PROGRAMMED	
		CONDUIT SPLICE	
		WOOD POLE	
		RACEWAY FOR MAGNETIC DETECTOR, TYPE I OR TYPE II	
		VEHICLE DETECTOR, NON COMPENSATED MAGNETIC TYPE	
		RAILROAD CONTROL CABINET	
		TELEPHONE CONNECTION	
		ILLUMINATED SIGN, FIBER OPTIC "NO LEFT TURN"	
		ILLUMINATED SIGN, FIBER OPTIC "NO RIGHT TURN"	
		MICROWAVE VEHICLE SENSOR	
		UPS-BATTERY BACK-UP	

- CONTROLLER
- SERVICE INSTALLATION
- SIGNAL HEAD
- SIGNAL HEAD WITH BACKPLATE
- SIGNAL HEAD, PEDESTRIAN
- SIGNAL POST
- MAST ARM ASSEMBLY AND POLE, STEEL
- MAST ARM ASSEMBLY AND POLE, ALUMINUM
- COMBINATION MAST ARM ASSEMBLY AND POLE, STEEL WITH LUMINAIRE
- UNIT DUCT
- COMMON TRENCH
- HANDHOLE
- HEAVY DUTY HANDHOLE
- DOUBLE HANDHOLE
- GALVANIZED STEEL CONDUIT IN TRENCH OR PUSHED
- PEDESTRIAN PUSHBUTTON DETECTOR
- DETECTOR LOOP
- CAST IRON JUNCTION BOX
- EMERGENCY VEHICLE SYSTEM DETECTOR
- CONFIRMATION BEACON



FILE NAME = \$FILEL\$	USER NAME = \$USER\$	DESIGNED - PKG, RRM	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	TRAFFIC SIGNAL INSTALLATION ILLINOIS ROUTE 59 AT US ROUTE 30 SOUTH INTERSECTION			F.A. RTE. 338	SECTION 113 N-2	COUNTY WILL	TOTAL SHEETS 260	SHEET NO. 192
	PLOT SCALE = \$SCALE\$	DRAWN - BB, ME, YB	REVISED -		SCALE:	SHEET NO. OF SHEETS	STA. TO STA.	CONTRACT NO. 60E73				
	PLOT DATE = 1/13/2009	CHECKED - PKG, RRM	REVISED -		FED. ROAD DIST. NO. ILLINOIS FAP 338 (ILL. RTE. 59)							
		DATE - 10/15/2008	REVISED -									

SCHEDULE OF QUANTITIES

QUANTITY	UNIT	ITEM
22.5	SO FT	SIGN PANEL - TYPE 1
547	FOOT	CONDUIT IN TRENCH, 2" DIA., GALVANIZED STEEL
176	FOOT	CONDUIT IN TRENCH, 2 1/2" DIA., GALVANIZED STEEL
179	FOOT	CONDUIT IN TRENCH, 3" DIA., GALVANIZED STEEL
15	FOOT	CONDUIT IN TRENCH, 4" DIA., GALVANIZED STEEL
163	FOOT	CONDUIT PUSHED, 2" DIA., GALVANIZED STEEL
271	FOOT	CONDUIT PUSHED, 4" DIA., GALVANIZED STEEL
7	EACH	HANDHOLE
1	EACH	HEAVY-DUTY HANDHOLE
2	EACH	DOUBLE HANDHOLE
1082	FOOT	TRENCH AND BACKFILL FOR ELECTRICAL WORK
1	EACH	FULL-ACTUATED CONTROLLER AND TYPE V CABINET, SPECIAL
1	EACH	TRANSCIVER-FIBER OPTIC
626	FOOT	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 2C
1350	FOOT	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 3C
1187	FOOT	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 5C
767	FOOT	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 7C
2272	FOOT	ELECTRIC CABLE IN CONDUIT, LEAD-IN, NO. 14 1 PAIR
36	FOOT	ELECTRIC CABLE IN CONDUIT, SERVICE, NO. 6 2C
1	EACH	TRAFFIC SIGNAL POST, GALVANIZED STEEL 14 FT.
2	EACH	TRAFFIC SIGNAL POST, GALVANIZED STEEL 16 FT.
1	EACH	STEEL MAST ARM ASSEMBLY AND POLE, 20 FT.
1	EACH	STEEL MAST ARM ASSEMBLY AND POLE, 24 FT.
1	EACH	STEEL MAST ARM ASSEMBLY AND POLE, 28 FT.
1	EACH	STEEL MAST ARM ASSEMBLY AND POLE, 44 FT.
1	FOOT	CONCRETE FOUNDATION, TYPE A
4	FOOT	CONCRETE FOUNDATION, TYPE C
30	FOOT	CONCRETE FOUNDATION, TYPE E 30-INCH DIAMETER
30	FOOT	CONCRETE FOUNDATION, TYPE E 36-INCH DIAMETER
5	EACH	SIGNAL HEAD, LED, 1-FACE, 3-SECTION, MAST ARM MOUNTED
1	EACH	SIGNAL HEAD, LED, 1-FACE, 3-SECTION, BRACKET MOUNTED
2	EACH	SIGNAL HEAD, LED, 1-FACE, 5-SECTION, BRACKET MOUNTED
2	EACH	SIGNAL HEAD, LED, 1-FACE, 5-SECTION, MAST ARM MOUNTED
3	EACH	PEDESTRIAN SIGNAL HEAD, LED, 1-FACE, BRACKET MOUNTED WITH COUNTDOWN TIMER
1	EACH	PEDESTRIAN SIGNAL HEAD, LED, 3-FACE, BRACKET MOUNTED WITH COUNTDOWN TIMER
7	EACH	TRAFFIC SIGNAL BACKPLATE
9	EACH	INDUCTIVE LOOP DETECTOR
2	EACH	LIGHT DETECTOR
1	EACH	LIGHT DETECTOR AMPLIFIER
4	EACH	PEDESTRIAN PUSH-BUTTON
1	EACH	TEMPORARY TRAFFIC SIGNAL INSTALLATION
1	EACH	REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT
6	EACH	REMOVE EXISTING HANDHOLE
7	EACH	REMOVE EXISTING CONCRETE FOUNDATION
563	FOOT	PREFORMED DETECTOR LOOP
3	EACH	PAINT NEW TRAFFIC SIGNAL POST
3	EACH	PAINT NEW MAST ARM POLE, UNDER 40 FEET
1	EACH	PAINT NEW MAST ARM POLE, 40 FEET AND OVER
1	EACH	TEMPORARY TRAFFIC SIGNAL TIMING
1	EACH	SERVICE INSTALLATION, POLE MOUNT
1	EACH	UNINTERRUPTIBLE POWER SUPPLY (UPS)
794	FOOT	ELECTRIC CABLE IN CONDUIT, GROUNDING, NO. 6 1C
417	FOOT	ELECTRIC CABLE IN CONDUIT NO. 20 3/C, TWISTED, SHIELDED

• 100% COST TO VILLAGE OF PLAINFIELD

I.D.O.T. TRAFFIC SIGNAL INSTALLATION ELECTRICAL SERVICE REQUIREMENTS					TOTAL WATTAGE
TYPE	NO LAMPS	WATTAGE	%OPERATION		
SIGNAL (RED)	11	135	17	0.50	93.50
(YELLOW)	11	135	25	0.25	68.75
(GREEN)	11	135	35	0.25	41.25
ARROW	8	135	12	0.10	9.60
PED. SIGNAL	8	90	25	1.00	200.00
CONTROLLER	1	100	100	1.00	100.00
ILLUM. SIGN				0.05	
FLASHER				0.50	
TOTAL =					513.10

PUSH BUTTON NOTE:

PUSH-BUTTON "D" SHALL PLACE A CALL IN PHASES 2 AND 8

FOUNDATION (DEPTH)	FT. (m)	CABLE SLACK	FT. (m)	VERTICAL	FT. (m)
TYPE A-POST	4 (1.2)	HANDHOLE	6.5 (2.0)	ALL FOUNDATIONS	3.5 (1.0)
D-CONTROLLER	4 (1.2)	DOUBLE HANDHOLE	13 (4.0)	MAST ARM (L) POLE	20' ± 2"
F-M-ARM POLE		SIGNAL POST	2 (0.6)	(6m ± 0.6m)	
24" (600mm)	10 (3.0)	CONTROLLER CAB.	1 (0.3)	BRACKET MOUNTED	13 (4.0)
30" (750mm)	16 (4.6)	FIBER OPTIC	13 (4.0)	PED. PUSHBUTTON	4 (1.2)
		ELECTRIC SERVICE	1 (0.3)	ELECTRIC SERVICE	13.5 (4.1)
		GROUND CABLE	1 (0.3)	SERVICE TO GROUND	13.5 (4.1)
				POST MOUNTED	6 (1.8)

FILE NAME =	USER NAME = #USER#	DESIGNED - PKG, RRM	REVISED -
#FILE#		DRAWN - BB,ME,YB	REVISED -
		CHECKED - PKG, RRM	REVISED -
		DATE - 10/15/2008	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

CABLE PLAN, PHASE DESIGNATION DIAGRAM, EMERGENCY VEHICLE PREEMPTION SEQUENCE AND SCHEDULE OF QUANTITIES
ILLINOIS ROUTE 59 AT US ROUTE 30 SOUTH INTERSECTION

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
338	113 N-2	WILL	260	193
CONTRACT NO. 60E73			FAP 338 (IL RTE. 59)	

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

ILLINOIS RTE. 59

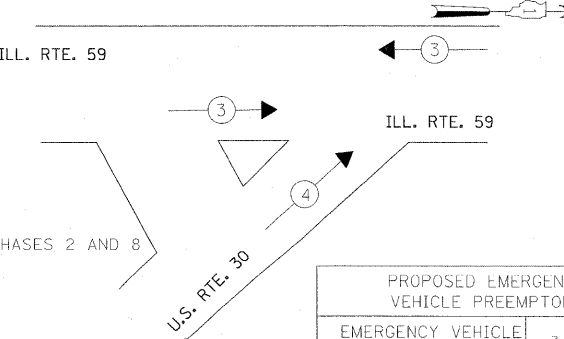
INTERCONNECT TO ILLINOIS RTE. 59 AND FORT BEGGS RD.

PROPOSED INTERSECTION AND SAMPLING (SYSTEM) DETECTORS

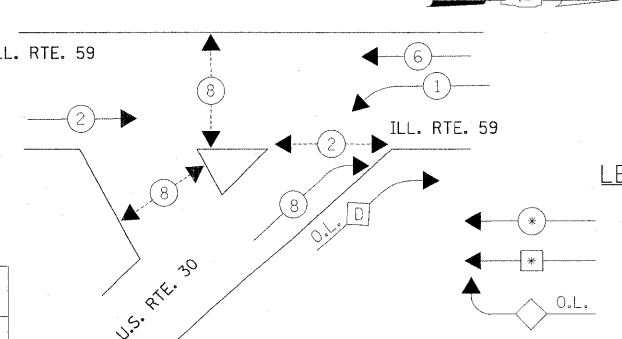
U.S. RTE. 30

CABLE PLAN

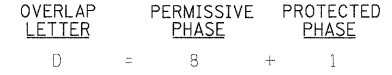
EMERGENCY VEHICLE PREEMPTION SEQUENCE



CONTROLLER SEQUENCE



PHASE DESIGNATION DIAGRAM



LEGEND

EXISTING	PROPOSED	
[Symbol]	[Symbol]	8" (200mm) TRAFFIC SIGNAL SECTION
[Symbol]	[Symbol]	12" (300mm) TRAFFIC SIGNAL SECTION
[Symbol]	[Symbol]	12" (300mm) PEDESTRIAN SIGNAL SECTION
[Symbol]	[Symbol]	12" (300mm) PEDESTRIAN SIGNAL SECTION
[Symbol]	[Symbol]	CONTROLLER CABINET
[Symbol]	[Symbol]	SERVICE INSTALLATION
[Symbol]	[Symbol]	TELEPHONE INSTALLATION
[Symbol]	[Symbol]	VEHICLE DETECTOR, INDUCTION LOOP
[Symbol]	[Symbol]	MAGNETIC DETECTOR
[Symbol]	[Symbol]	EMERGENCY VEHICLE LIGHT DETECTOR
[Symbol]	[Symbol]	CONFIRMATION BEACON
[Symbol]	[Symbol]	PUSH-BUTTON DETECTOR
[Symbol]	[Symbol]	2 DENOTES NUMBER OF CONDUCTORS, ALL CABLE NO. 14 EXCEPT AS INDICATED. ALL LOOP DETECTOR CABLE TO BE SHIELDED.
[Symbol]	[Symbol]	1 GROUND CABLE IN CONDUIT NO. 6 SOLID COPPER (GREEN)
[Symbol]	[Symbol]	24 FIBER OPTIC CABLE IN CONDUIT NO. 62.5/125 2-MMI2F & SMI2F
[Symbol]	[Symbol]	SIGNAL FACE WITH BACKPLATE. *P* INDICATES PROGRAMMED HEAD.
[Symbol]	[Symbol]	RAILROAD CONTROL CABINET
[Symbol]	[Symbol]	ILLUMINATED SIGN, FIBER OPTIC "NO LEFT TURN"
[Symbol]	[Symbol]	ILLUMINATED SIGN, FIBER OPTIC "NO RIGHT TURN"
[Symbol]	[Symbol]	H/C GROUND ROD AT HANDHOLE, DOUBLE HANDHOLE, OR CONTROLLER
[Symbol]	[Symbol]	P GROUND ROD AT POST OR MAST ARM POLE
[Symbol]	[Symbol]	S GROUND ROD AT ELECTRIC SERVICE INSTALLATION
[Symbol]	[Symbol]	LOCAL AND MASTER CONTROLLER
[Symbol]	[Symbol]	MICROWAVE VEHICLE SENSOR
[Symbol]	[Symbol]	UPS-BATTERY BACK-UP

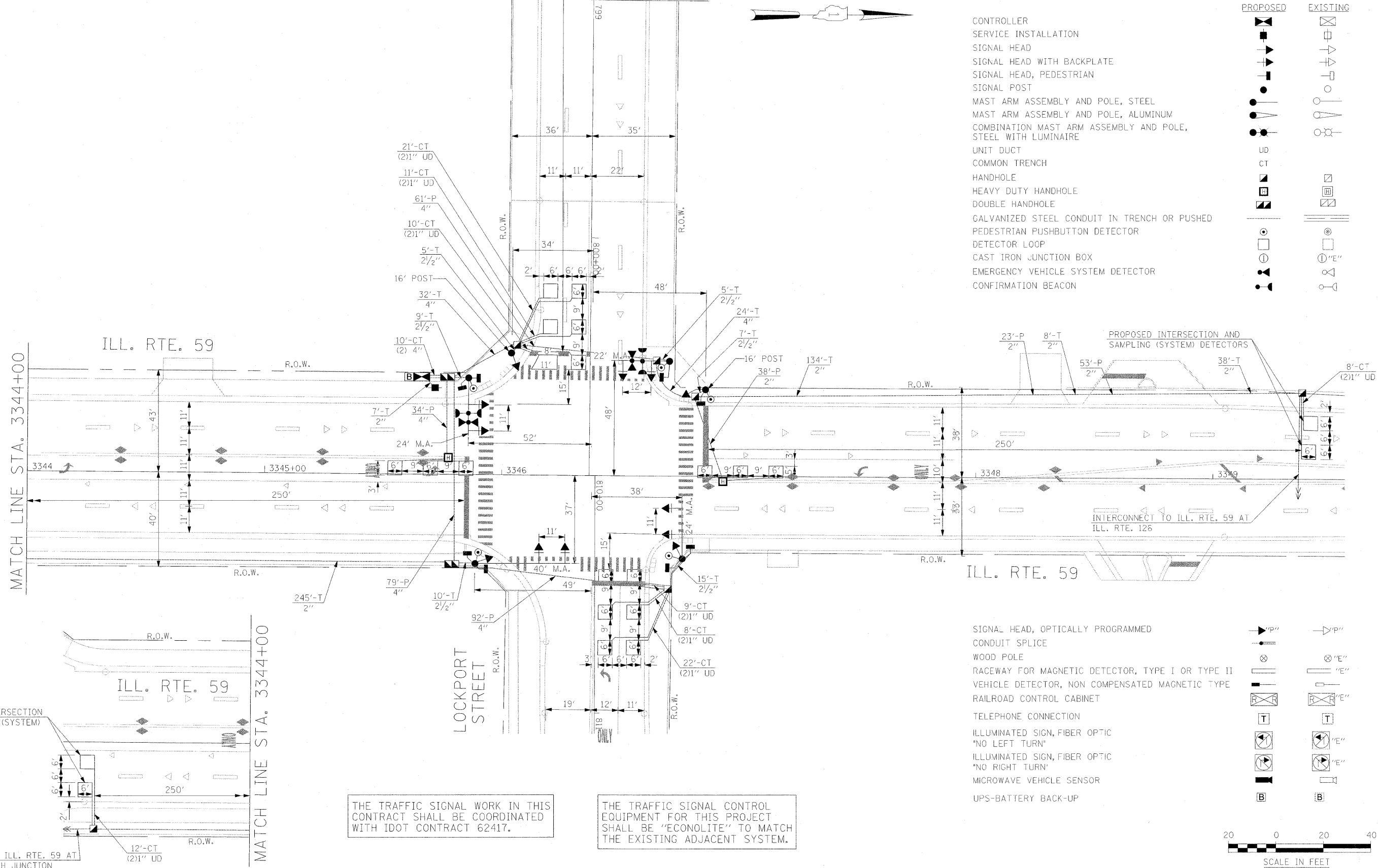
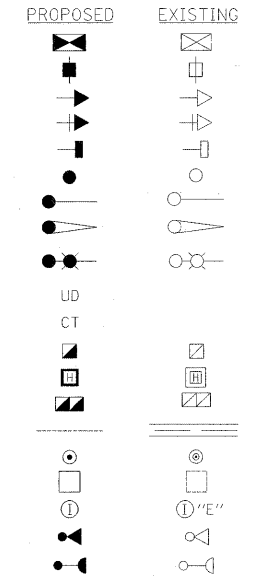
THE TRAFFIC SIGNAL WORK IN THIS CONTRACT SHALL BE COORDINATED WITH IDOT CONTRACT 62417.

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

MATCH LINE STA. 798+00

TRAFFIC SIGNAL LEGEND

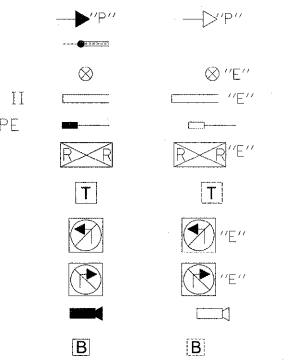
- CONTROLLER
- SERVICE INSTALLATION
- SIGNAL HEAD
- SIGNAL HEAD WITH BACKPLATE
- SIGNAL HEAD, PEDESTRIAN
- SIGNAL POST
- MAST ARM ASSEMBLY AND POLE, STEEL
- MAST ARM ASSEMBLY AND POLE, ALUMINUM
- COMBINATION MAST ARM ASSEMBLY AND POLE, STEEL WITH LUMINAIRE
- UNIT DUCT
- COMMON TRENCH
- HANDHOLE
- HEAVY DUTY HANDHOLE
- DOUBLE HANDHOLE
- GALVANIZED STEEL CONDUIT IN TRENCH OR PUSHED
- PEDESTRIAN PUSHBUTTON DETECTOR
- DETECTOR LOOP
- CAST IRON JUNCTION BOX
- EMERGENCY VEHICLE SYSTEM DETECTOR
- CONFIRMATION BEACON



THE TRAFFIC SIGNAL WORK IN THIS CONTRACT SHALL BE COORDINATED WITH IDOT CONTRACT 62417.

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

- SIGNAL HEAD, OPTICALLY PROGRAMMED
- CONDUIT SPLICE
- WOOD POLE
- RACEWAY FOR MAGNETIC DETECTOR, TYPE I OR TYPE II
- VEHICLE DETECTOR, NON COMPENSATED MAGNETIC TYPE
- RAILROAD CONTROL CABINET
- TELEPHONE CONNECTION
- ILLUMINATED SIGN, FIBER OPTIC "NO LEFT TURN"
- ILLUMINATED SIGN, FIBER OPTIC "NO RIGHT TURN"
- MICROWAVE VEHICLE SENSOR
- UPS-BATTERY BACK-UP



FILE NAME = \$FILEL\$	USER NAME = \$USER\$	DESIGNED - PKG, RRM	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	TRAFFIC SIGNAL INSTALLATION ILL. RTE. 59 AT LOCKPORT STREET			F.A. RTE. 338	SECTION 113 N-2	COUNTY WILL	TOTAL SHEETS 260	SHEET NO. 194
	PLOT SCALE = \$SCALE\$	DRAWN - BB, ME, YB	REVISED -		SCALE:	SHEET NO. OF SHEETS	STA. TO STA.	FED. ROAD DIST. NO.	ILLINOIS	CONTRACT NO. 60E73		
	PLOT DATE = 1/13/2009	CHECKED - PKG, RRM	REVISED -							FAP 338 (ILL. RTE. 59)		
		DATE - 10/15/2008	REVISED -									

SCHEDULE OF QUANTITIES

QUANTITY	UNIT	ITEM
31.5	SQ FT	SIGN PANEL - TYPE 1
432	FOOT	CONDUIT IN TRENCH, 2" DIA., GALVANIZED STEEL
51	FOOT	CONDUIT IN TRENCH, 2 1/2" DIA., GALVANIZED STEEL
76	FOOT	CONDUIT IN TRENCH, 4" DIA., GALVANIZED STEEL
114	FOOT	CONDUIT PUSHED, 2" DIA., GALVANIZED STEEL
232	FOOT	CONDUIT PUSHED, 4" DIA., GALVANIZED STEEL
6	EACH	HANDHOLE
2	EACH	HEAVY-DUTY HANDHOLE
2	EACH	DOUBLE HANDHOLE
657	FOOT	TRENCH AND BACKFILL FOR ELECTRICAL WORK
1	EACH	FULL-ACTUATED CONTROLLER AND TYPE IV CABINET, SPECIAL
1	EACH	TRANSCEIVER-FIBER OPTIC
756	FOOT	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 2C
1514	FOOT	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 3C
1142	FOOT	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 5C
976	FOOT	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 7C
2376	FOOT	ELECTRIC CABLE IN CONDUIT, LEAD-IN, NO. 14 1 PAIR
26	FOOT	ELECTRIC CABLE IN CONDUIT, SERVICE, NO. 6 2C
2	EACH	TRAFFIC SIGNAL POST, GALVANIZED STEEL 16 FT.
1	EACH	STEEL MAST ARM ASSEMBLY AND POLE, 22 FT.
2	EACH	STEEL MAST ARM ASSEMBLY AND POLE, 24 FT.
1	EACH	STEEL MAST ARM ASSEMBLY AND POLE, 40 FT.
8	FOOT	CONCRETE FOUNDATION, TYPE A
4	FOOT	CONCRETE FOUNDATION, TYPE C
45	FOOT	CONCRETE FOUNDATION, TYPE E 30-INCH DIAMETER
15	FOOT	CONCRETE FOUNDATION, TYPE E 36-INCH DIAMETER
5	EACH	SIGNAL HEAD, LED, 1-FACE, 3-SECTION, MAST ARM MOUNTED
1	EACH	SIGNAL HEAD, LED, 1-FACE, 3-SECTION, BRACKET MOUNTED
3	EACH	SIGNAL HEAD, LED, 1-FACE, 5-SECTION, BRACKET MOUNTED
3	EACH	SIGNAL HEAD, LED, 1-FACE, 5-SECTION, MAST ARM MOUNTED
2	EACH	PEDESTRIAN SIGNAL HEAD, LED, 1-FACE, BRACKET MOUNTED WITH COUNTDOWN TIMER
3	EACH	PEDESTRIAN SIGNAL HEAD, LED, 2-FACE, BRACKET MOUNTED WITH COUNTDOWN TIMER
8	EACH	TRAFFIC SIGNAL BACKPLATE
10	EACH	INDUCTIVE LOOP DETECTOR
2	EACH	LIGHT DETECTOR
1	EACH	LIGHT DETECTOR AMPLIFIER
5	EACH	PEDESTRIAN PUSH-BUTTON
1	EACH	TEMPORARY TRAFFIC SIGNAL INSTALLATION
1	EACH	REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT
13	EACH	REMOVE EXISTING HANDHOLE
8	EACH	REMOVE EXISTING CONCRETE FOUNDATION
740	FOOT	PREFORMED DETECTOR LOOP
2	EACH	PAINT NEW TRAFFIC SIGNAL POST
3	EACH	PAINT NEW MAST ARM POLE, UNDER 40 FEET
1	EACH	PAINT NEW MAST ARM POLE, 40 FEET AND OVER
1	EACH	TEMPORARY TRAFFIC SIGNAL TIMING
1	EACH	SERVICE INSTALLATION, POLE MOUNT
1	EACH	UNINTERRUPTABLE POWER SUPPLY (UPS)
465	FOOT	ELECTRIC CABLE IN CONDUIT, GROUNDING, NO. 6 1C
258	FOOT	ELECTRIC CABLE IN CONDUIT NO. 20 3/C, TWISTED, SHIELDED
* 100% COST TO VILLAGE OF PLAINFIELD		

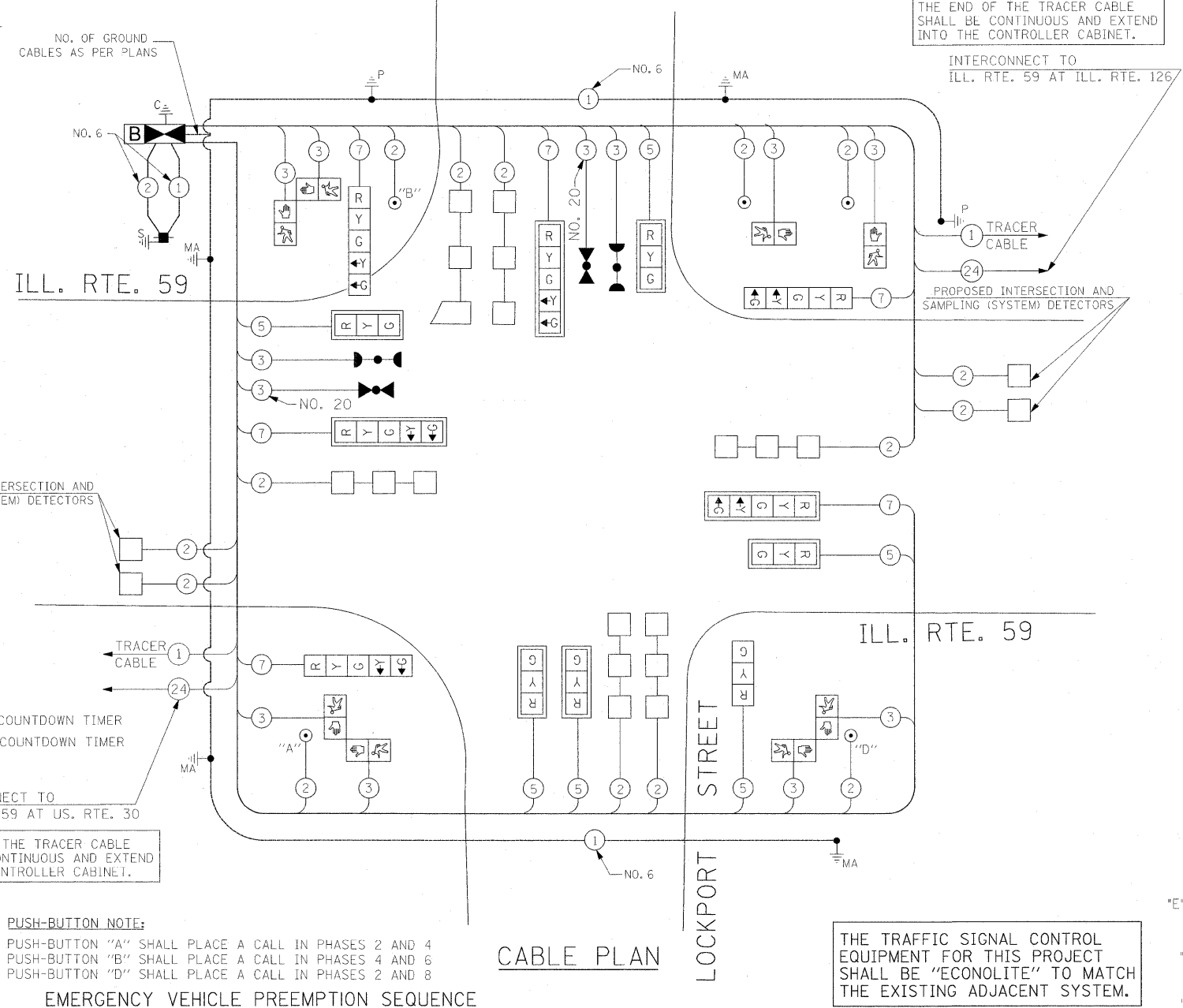
I.D.O.T. TRAFFIC SIGNAL INSTALLATION ELECTRICAL SERVICE REQUIREMENTS					TOTAL WATTAGE
TYPE	NO LAMPS	WATTAGE	%OPERATION		
		INCAND.	LED		
SIGNAL (RED)	12	135	17	0.50	102.0
(YELLOW)	12	135	25	0.25	75.0
(GREEN)	12	135	15	0.25	45.0
ARROW	12	135	12	0.10	14.4
PED. SIGNAL	8	90	25	1.00	200.0
CONTROLLER	1	100	100	1.00	100.0
ILLUM. SIGN				0.05	
FLASHER				0.50	
ENERGY COSTS TO:				TOTAL =	536.4

TYPE A-POST	FT. (m)	CABLE SLACK	FT. (m)	VERTICAL	FT. (m)
D-CONTROLLER	4 (1.2)	HANDHOLE	6.5 (2.0)	ALL FOUNDATIONS	3.5 (1.0)
E-M.ARM POLE	4 (1.2)	DOUBLE HANDHOLE	13 (4.0)	MAST ARM (L) POLE	20'-L-2'-6
24" (600mm)	10 (3.0)	SIGNAL POST	2 (1.0)	BRACKET MOUNTED	13 (4.0)
30" (750mm)	15 (4.6)	CONTROLLER CAB.	1 (0.5)	PED. PUSHBUTTON	4 (1.2)
		FIBER OPTIC	13 (4.0)	ELECTRIC SERVICE	13.5 (4.1)
		ELECTRIC SERVICE	1 (0.5)	SERVICE TO GROUND	13.5 (4.1)
		GROUND CABLE	1 (0.5)	POST MOUNTED	6 (1.8)

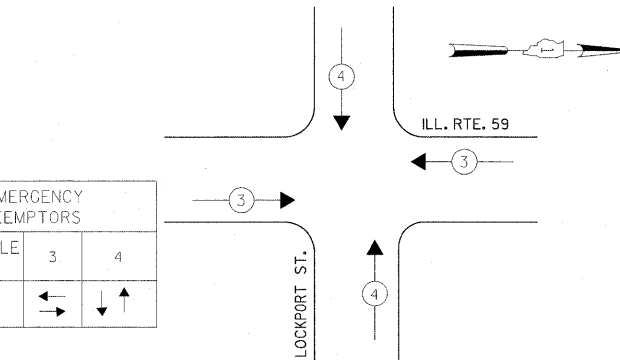
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#FILE#		PKG, RRM	
		BB, ME, YB	
		PKG, RRM	
		10/15/2008	

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

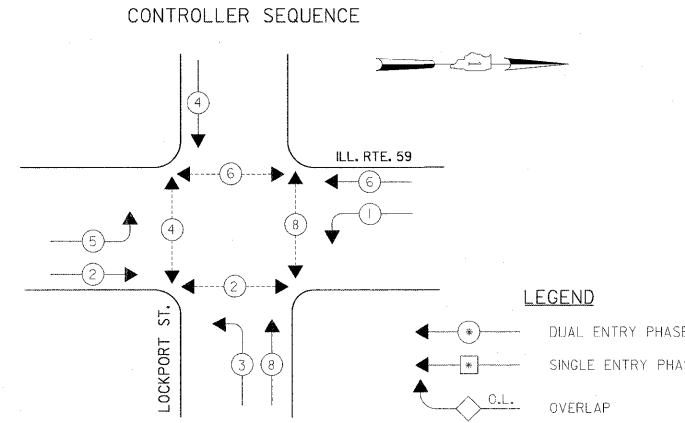
TYPE A-POST	FT. (m)	CABLE SLACK	FT. (m)	VERTICAL	FT. (m)
D-CONTROLLER	4 (1.2)	HANDHOLE	6.5 (2.0)	ALL FOUNDATIONS	3.5 (1.0)
E-M.ARM POLE	4 (1.2)	DOUBLE HANDHOLE	13 (4.0)	MAST ARM (L) POLE	20'-L-2'-6
24" (600mm)	10 (3.0)	SIGNAL POST	2 (1.0)	BRACKET MOUNTED	13 (4.0)
30" (750mm)	15 (4.6)	CONTROLLER CAB.	1 (0.5)	PED. PUSHBUTTON	4 (1.2)
		FIBER OPTIC	13 (4.0)	ELECTRIC SERVICE	13.5 (4.1)
		ELECTRIC SERVICE	1 (0.5)	SERVICE TO GROUND	13.5 (4.1)
		GROUND CABLE	1 (0.5)	POST MOUNTED	6 (1.8)



EMERGENCY VEHICLE PREEMPTION SEQUENCE



CONTROLLER SEQUENCE



PHASE DESIGNATION DIAGRAM



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

INTERCONNECT TO ILL. RTE. 59 AT ILL. RTE. 126

PROPOSED INTERSECTION AND SAMPLING (SYSTEM) DETECTORS

INTERCONNECT TO ILL. RTE. 59 AT US. RTE. 30

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

PUSH-BUTTON NOTE:
 PUSH-BUTTON "A" SHALL PLACE A CALL IN PHASES 2 AND 4
 PUSH-BUTTON "B" SHALL PLACE A CALL IN PHASES 4 AND 6
 PUSH-BUTTON "D" SHALL PLACE A CALL IN PHASES 2 AND 8

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

THE TRAFFIC SIGNAL WORK IN THIS CONTRACT SHALL BE COORDINATED WITH IDOT CONTRACT 62417.

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
		CONTROLLER CABINET
		SERVICE INSTALLATION
		TELEPHONE INSTALLATION
		VEHICLE DETECTOR, INDUCTION LOOP
		MAGNETIC DETECTOR
		EMERGENCY VEHICLE LIGHT DETECTOR
		CONFIRMATION BEACON
		PUSH-BUTTON DETECTOR
		① GROUND CABLE IN CONDUIT NO. 6 SOLID COPPER (GREEN)
		②④ FIBER OPTIC CABLE IN CONDUIT NO. 62.5/125 2-MM12F & SM12F
		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
		M/C LOCAL AND MASTER CONTROLLER
		MVS MICROWAVE VEHICLE SENSOR
		B UPS-BATTERY BACK-UP

FILE NAME =	USER NAME = #USER#	DESIGNED -	REVISED -	CABLE PLAN, PHASE DESIGNATION DIAGRAM, EMERGENCY VEHICLE PREEMPTION SEQUENCE AND SCHEDULE OF QUANTITIES	F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
#FILE#		PKG, RRM		ILLINOIS DEPARTMENT OF TRANSPORTATION	338	113 N-2	WILL	260	195
		BB, ME, YB		ILLINOIS DEPARTMENT OF TRANSPORTATION					
		PKG, RRM		ILLINOIS DEPARTMENT OF TRANSPORTATION					
		10/15/2008		ILLINOIS DEPARTMENT OF TRANSPORTATION					

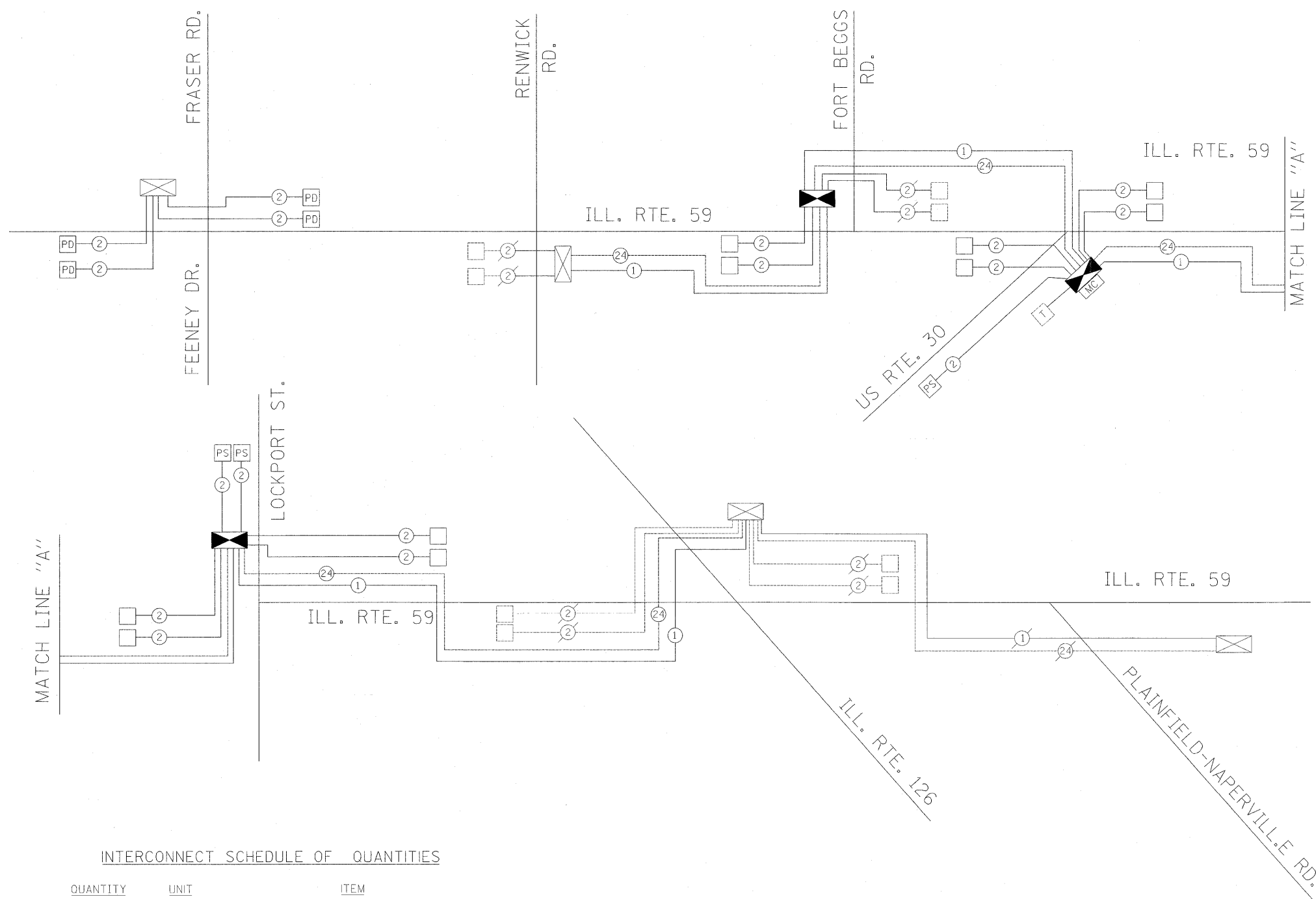
STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION

SCALE: SHEET NO. OF SHEETS STA. TO STA. CONTRACT NO. 60E73



INTERCONNECT SCHEMATIC LEGEND

- EXISTING INTERSECTION CONTROLLER
- PROPOSED INTERSECTION CONTROLLER
- EXISTING MASTER CONTROLLER
- PROPOSED MASTER CONTROLLER
- MASTER MASTER CONTROLLER
- EXISTING INTERSECTION & SAMPLING (SYSTEM) DETECTORS
- PROPOSED INTERSECTION & SAMPLING (SYSTEM) DETECTORS
- EXISTING INTERSECTION LOOP DETECTORS AND PROPOSED SAMPLING (SYSTEM) DETECTORS
- EXISTING SAMPLING (SYSTEM) DETECTORS
- PROPOSED SAMPLING (SYSTEM) DETECTORS
- EXISTING SAMPLING (SYSTEM) DETECTORS, PROPOSED INTERSECTION & SAMPLING (SYSTEM) DETECTORS.
- EXISTING SAMPLING (SYSTEM) DETECTORS, PROPOSED SAMPLING (SYSTEM) DETECTORS.
- EXISTING PREFORMED INTERSECTION & SAMPLING (SYSTEM) DETECTORS
- PROPOSED PREFORMED INTERSECTION & SAMPLING (SYSTEM) DETECTORS
- EXISTING SAMPLING (SYSTEM) PREFORMED DETECTORS.
- PROPOSED SAMPLING (SYSTEM) PREFORMED DETECTORS.
- EXISTING FIBER OPTIC CABLE IN CONDUIT NO. 62.5/125 MM12F & SM12F
- PROPOSED FIBER OPTIC CABLE IN CONDUIT NO. 62.5/125 MM12F & SM12F
- EXISTING INTERCONNECT CABLE - NO. 62.5/125 12F. FIBER OPTIC CABLE
- PROPOSED INTERCONNECT CABLE - NO. 62.5/125 12F. FIBER OPTIC CABLE
- EXISTING INTERCONNECT CABLE - NO. 18 3 PAIR TWISTED, SHIELDED
- PROPOSED INTERCONNECT CABLE - NO. 18 3 PAIR TWISTED, SHIELDED
- EXISTING LOOP DETECTOR CABLE - 2/C TWISTED, SHIELDED
- PROPOSED LOOP DETECTOR CABLE - 2/C TWISTED, SHIELDED
- EXISTING ELECTRIC CABLE 1/C (AS SPECIFIED)
- PROPOSED ELECTRIC CABLE, 1/C (AS SPECIFIED)
- EXISTING TELEPHONE CONNECTION
- PROPOSED TELEPHONE CONNECTION



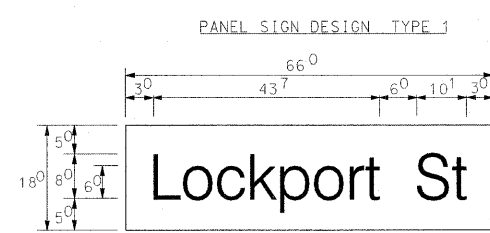
INTERCONNECT SCHEDULE OF QUANTITIES

QUANTITY	UNIT	ITEM
1337	FOOT	CONDUIT IN TRENCH, 2" DIA., GALVANIZED STEEL
416	FOOT	CONDUIT PUSHED, 2" DIA., GALVANIZED STEEL
3	EACH	HANDHOLE
1337	FOOT	TRENCH AND BACKFILL FOR ELECTRICAL WORK
1	EACH	MAINTENANCE OF EXISTING TRAFFIC SIGNAL INSTALLATION
1	EACH	MASTER CONTROLLER
1	EACH	DRILL EXISTING HANDHOLE
1	EACH	MODIFY EXISTING CONTROLLER
1204	FOOT	REMOVE ELECTRIC CABLE FROM CONDUIT
3099	FOOT	ELECTRIC CABLE IN CONDUIT, TRACER NO. 14 1C
3151	FOOT	FIBER OPTIC CABLE IN CONDUIT, NO. 62.5/125 MM12F & SM12F
1	L SUM	RE-OPTIMIZE TRAFFIC SIGNAL SYSTEM, LEVEL 1

INTERCONNECT SCHEMATIC PLAN

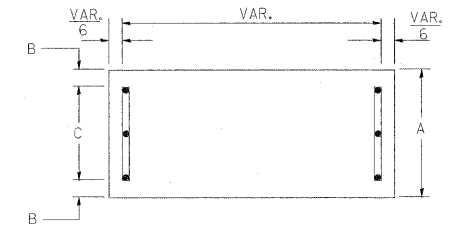
THE TRAFFIC SIGNAL WORK IN THIS CONTRACT SHALL BE COORDINATED WITH IDOT CONTRACT 62417.

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

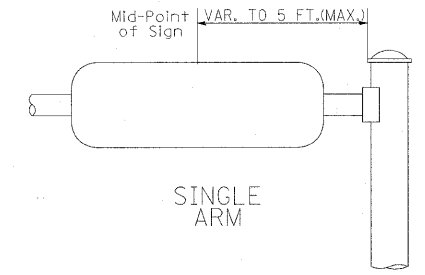


8.25 Sq. Ft. each
2 Required
Design Series D

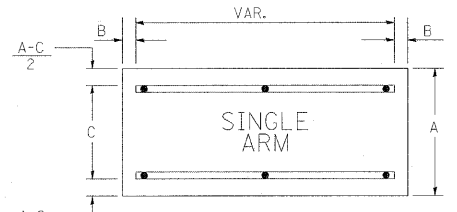
SUPPORTING CHANNELS



A	B	C
18"	2"	14"



SUPPORTING CHANNELS



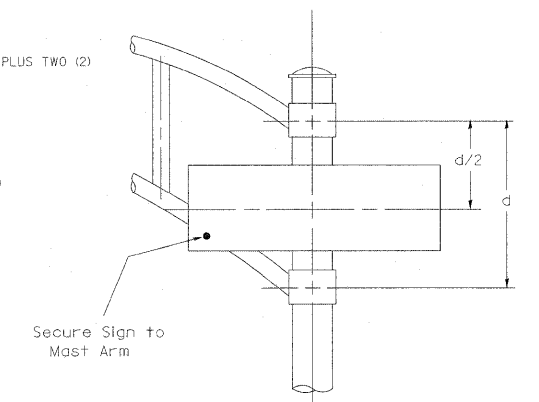
A	B	C
18"	2"	12"
30"	2"	22"

NOTE: SIGN DIMENSIONS ARE IN ENGLISH UNITS

GENERAL NOTES

- 1. WHERE MAST ARM MOUNTED STREET NAME SIGNS ARE SPECIFIED, THE MAST ARM ASSEMBLY AND POLES SHALL BE DESIGNED TO SUPPORT THE LOADINGS CALLED FOR ON STANDARDS 834001, 834006 AND 834011, AS APPLICABLE, PLUS TWO (2) SIGN PANELS 2'-6" x 6'-0" MOUNTED AS SHOWN. THE DESIGN SHALL BE IN ACCORDANCE WITH THE REQUIREMENTS OF THE CURRENT "STANDARD SPECIFICATIONS FOR STRUCTURAL SUPPORTS FOR HIGHWAY SIGNS, LUMINAIRES, AND TRAFFIC SIGNALS" AS PUBLISHED BY THE AMERICAN ASSOCIATION OF STATE HIGHWAY AND TRANSPORTATION OFFICIALS FOR 80 M.P.H. WIND VELOCITY.
 - 2. ALL SIGNS SHALL HAVE A WHITE REFLECTORIZED LEGEND AND BORDER ON A GREEN REFLECTORIZED BACKGROUND, TYPE A SHEETING.
 - 3. THE SIGN LENGTH SHOULD BE INCREASED IN 6-INCH INCREMENTS, BUT THE OVERALL LENGTH SHOULD NOT EXCEED 6'-0".
 - 4. ALL BORDERS SHALL BE 3/4" WIDE AND CORNER RADIUS SHALL BE 2-1/4".
 - 5. SIGNFIX ALUMINUM CHANNEL FRAMING SYSTEM SHALL BE USED FOR ALL SIGNS ATTACHED TO SIGNAL POLES AND POSTS. LOCAL SUPPLIERS OF THE SIGNFIX ALUMINUM CHANNEL FRAMING SYSTEM ARE:

* A.K.T. CORPORATION SCHAUMBURG, IL	* AMERICAN FABRICATION CO. CHICAGO HEIGHTS, IL
* TUCKER COMPANY, INC. WAUWATOSA, WI	* WESTERN TRAFFIC CONTROL INC. CICERO, IL
- PARTS LISTING:
SIGN CHANNEL: PART #HPN053 (MED. CHANNEL)
SIGN SCREWS: 1/4" x 14 x 1" H.W.H.#3
SELF TAPPING WITH NEOPRENE WASHER
BRACKETS: PART #HPN034 (UNIVERSAL)
CHANNEL CLAMPS WITH STAINLESS STEEL STRAPPING
- OTHER BRANDS OF MOUNTING HARDWARE ARE ACCEPTABLE, BASED UPON THE DEPARTMENT'S APPROVAL AND COMPATIBILITY WITH THE CHANNEL/BACKET OF THE ABOVE PRODUCT.



DUAL ARM
SIGNFIX ALUMINUM CHANNEL FRAMING SYSTEM
Shall be used. See Note #5.

Upper Case To Lower Case
Spacing Chart 8-6 Inch Series "C & D"

EXAMPLE, 2 DENOTES 3/8

SERIES	SECOND LETTER															
	a c d e		b h i k l		f w		j		s t		v y		x		z	
	C	D	C	D	C	D	C	D	C	D	C	D	C	D	C	D
A W X	12	14	14	15	12	14	06	10	11	14	06	10	11	12	12	14
B	14	15	20	21	14	15	11	12	14	15	12	14	12	14	16	17
C E G	14	15	20	21	12	14	06	10	12	14	12	14	14	15	14	15
D O Q R	14	15	20	21	14	15	06	10	12	14	12	14	14	15	14	15
F	05	06	14	15	06	10	05	06	06	10	06	10	06	10	11	12
H I M N	20	21	22	24	20	21	14	15	16	17	16	17	20	21	20	21
J U	20	21	20	21	16	17	14	15	16	17	16	17	16	17	20	21
K L	11	12	16	17	11	12	05	06	11	12	11	12	11	12	12	14
P	12	14	14	15	12	14	05	06	11	12	11	12	12	14	12	14
S	12	14	16	17	12	14	06	10	12	14	12	14	12	14	12	14
T	11	12	16	17	06	10	06	10	11	12	11	12	11	12	12	14
V	06	10	14	15	11	12	06	10	12	14	12	14	12	14	12	14
Y	05	06	14	15	06	10	05	06	05	07	05	06	06	10	11	12
Z	16	17	22	24	16	17	12	14	16	17	16	17	16	17	20	21

Lower Case To Lower Case
Spacing Chart 6 Inch Series "C & D"

SERIES	SECOND LETTER															
	a c d e		b h i k l		f w		j		s t		v y		x		z	
	C	D	C	D	C	D	C	D	C	D	C	D	C	D	C	D
ad h g i j	16	17	22	24	16	17	12	14	14	15	14	15	16	17	16	17
l m n q u	16	17	22	24	16	17	12	14	14	15	14	15	16	17	16	17
b f k o p s	12	14	16	17	11	12	05	06	11	12	11	12	12	14	12	14
c e	12	14	16	17	12	14	06	10	12	14	12	14	12	14	12	14
r	06	10	12	14	06	10	03	03	05	06	05	06	06	10	06	10
t z	12	14	16	17	12	14	06	10	11	12	11	12	12	14	12	14
v y	11	12	14	15	11	12	05	06	06	10	06	10	11	12	11	12
w	11	12	14	15	11	12	05	06	11	12	11	12	11	12	12	14
x	12	14	16	17	11	12	05	06	11	12	11	12	11	12	12	14

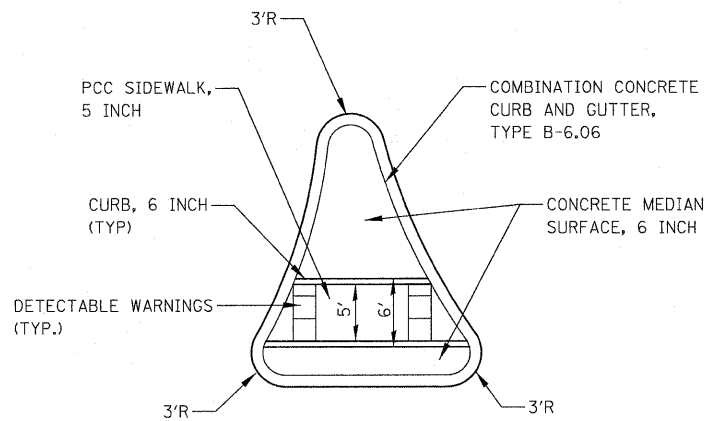
Number To Number
Spacing Chart 8 Inch Series "C & D"

SERIES	SECOND NUMBER																			
	0		1		2		3		4		5		6		7		8		9	
	C	D	C	D	C	D	C	D	C	D	C	D	C	D	C	D	C	D	C	D
0 9	16	17	16	17	14	15	12	14	14	15	14	15	16	17	12	14	16	17	16	17
1	20	21	20	21	20	21	16	17	14	15	20	21	20	21	14	15	20	21	20	21
2 3 4	14	15	14	15	14	15	12	14	14	15	14	15	15	16	17	14	15	14	15	14
5	14	15	14	15	14	15	11	12	11	12	14	15	14	15	11	12	14	15	14	15
6	16	17	14	15	14	15	12	14	14	15	14	15	11	12	14	15	14	15	14	15
7	12	14	12	14	14	15	12	14	15	12	14	14	15	11	12	14	15	12	14	14
8	16	17	16	17	14	15	12	14	14	15	16	17	12	14	16	17	14	15	14	15

UPPER AND LOWER CASE LETTER WIDTHS

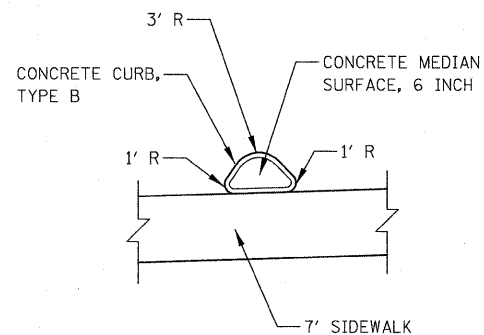
LETTERS	6 INCH UPPER CASE LETTERS				LETTERS	6 INCH LOWER CASE LETTERS	
	SERIES		SERIES			SERIES	
	C	D	C	D		C	D
A	36	50	50	65	a	35	42
B	32	40	43	53	b	35	42
C	32	40	43	53	c	35	41
D	32	40	43	53	d	35	42
E	30	35	40	47	e	35	42
F	30	35	40	47	f	23	26
G	32	40	43	53	g	35	42
H	32	40	43	53	h	35	42
I	07	07	11	12	i	11	11
J	30	36	40	50	j	20	22
K	32	41	43	54	k	35	42
L	30	35	40	47	l	11	11
M	37	45	51	61	m	60	70
N	32	40	43	53	n	35	42
O	34	42	45	55	o	36	43
P	32	40	43	53	p	35	42
Q	34	42	45	55	q	35	42
R	32	40	43	53	r	26	32
S	32	40	43	53	s	36	42
T	30	35	40	47	t	27	32
U	32	40	43	53	u	35	42
V	35	44	47	60	v	42	47
W	44	52	60	70	w	55	64
X	34	40	45	53	x	44	51
Y	36	50	50	66	y	46	53
Z	32	40	43	53	z	36	43

NUMBER	6 INCH SERIES		8 INCH SERIES	
	C	D	C	D
1	12	14	15	20
2	32	40	43	53
3	32	40	43	53
4	35	43	47	57
5	32	40	43	53
6	32	40	43	53
7	32	40	43	53
8	32	40	43	53
9	32	40	43	53
0	34	42	45	55



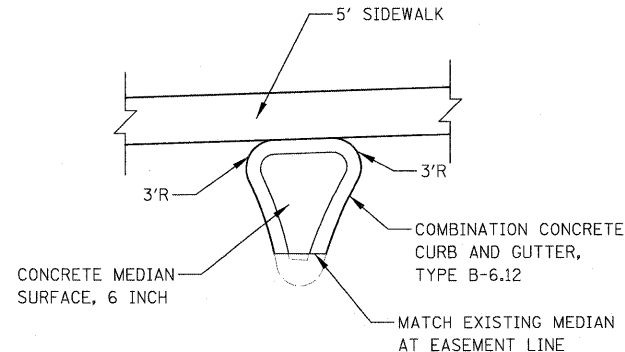
RIGHT IN / RIGHT OUT ISLAND DETAIL

UNION STREET, OTTAWA STREET (EAST & WEST),
CHICAGO STREET (EAST & WEST) AND DILLMAN STREET



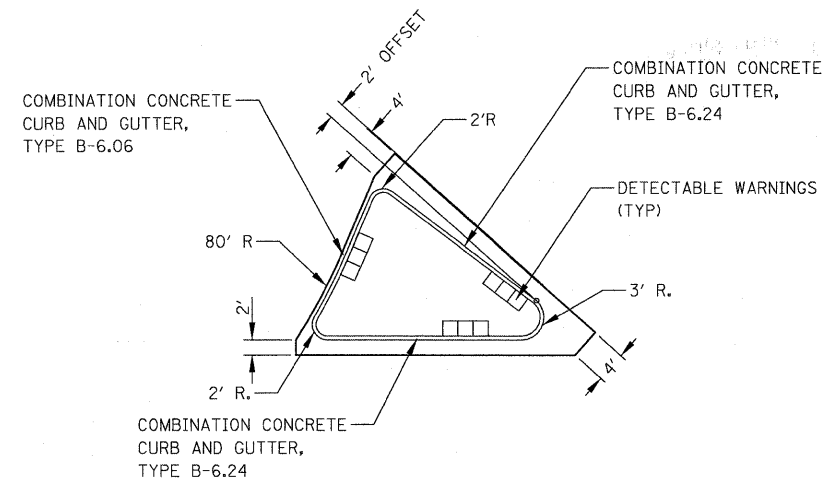
RIGHT IN / RIGHT OUT ISLAND DETAIL

COMMERCIAL DRIVEWAY @ STA 3348+72, LT



RIGHT IN / RIGHT OUT ISLAND DETAIL

COMMERCIAL DRIVEWAY @ STA 3348+77, RT

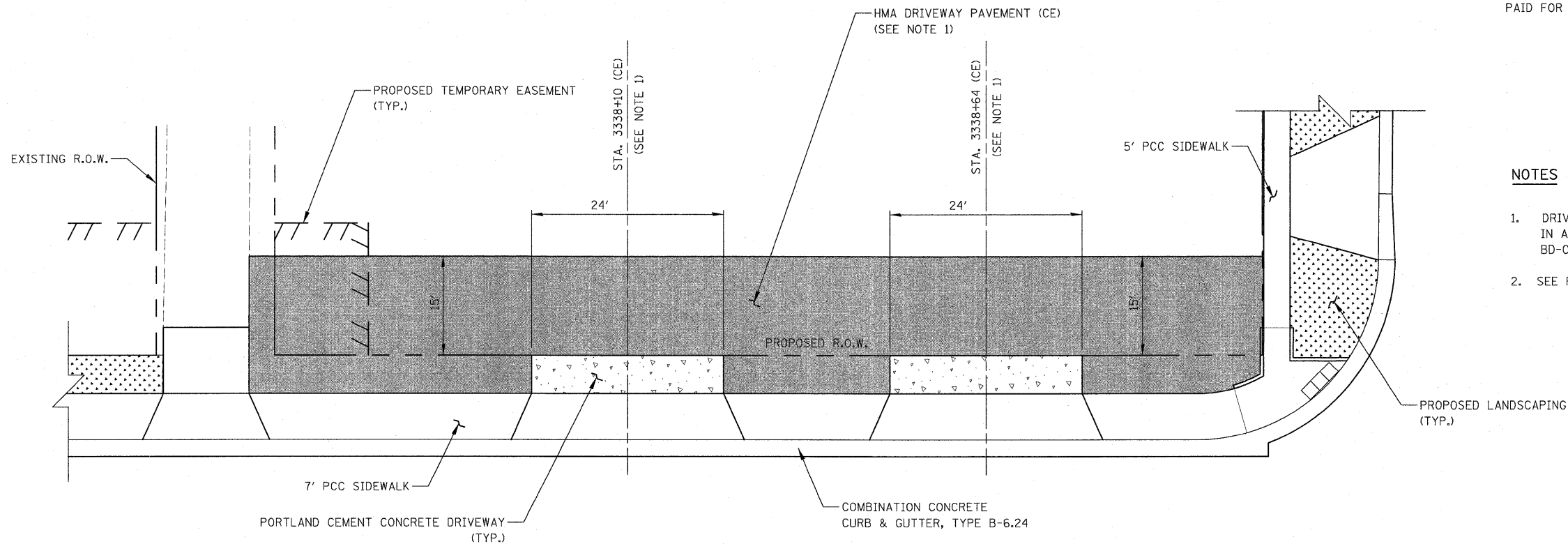


CORNER ISLAND DETAIL

IL ROUTE 59 & US ROUTE 30 INTERSECTION

CORNER ISLAND DETAIL NOTES:

1. SEE IDOT HIGHWAY STANDARD 606301.
2. ISLAND SURFACE SHALL BE BUILT TO ADA STANDARDS FOR ALL THREE MOVEMENTS OF PEDESTRIAN TRAVEL.
3. ISLAND WILL BE MEASURED AND PAID FOR IN SQUARE FEET AS CONCRETE MEDIAN, TYPE SB-6.24.
4. DETECTABLE WARNINGS WILL BE MEASURED AND PAID FOR SEPARATELY.



DRIVEWAY DETAIL
STA. 3338+10 AND STA. 3338+64

NOTES

1. DRIVEWAY GEOMETRICS AND MATERIAL SHALL BE IN ACCORDANCE WITH IDOT DISTRICT 1 STANDARDS BD-01 AND BD-02.
2. SEE PLAN AND PROFILE SHEETS FOR ISLANDS LOCATION.

FILE NAME =	USER NAME = #USER#	DESIGNED - PJO	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	ISLAND AND DRIVEWAY DETAILS	F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
#FILE#	PLOT SCALE = #SCALE#	DRAWN - RTA	REVISED -			338	113 N-2	WILL	260	200	
	PLOT DATE = #DATE#	CHECKED - JCM	REVISED -			CONTRACT NO. 60E73					
		DATE - JANUARY 16, 2009	REVISED -			FED. ROAD DIST. NO. ILLINOIS FAP 338 (IL RTE. 59)					
						SCALE: NONE	SHEET NO. 1 OF 1 SHEETS	STA.	TO STA.		