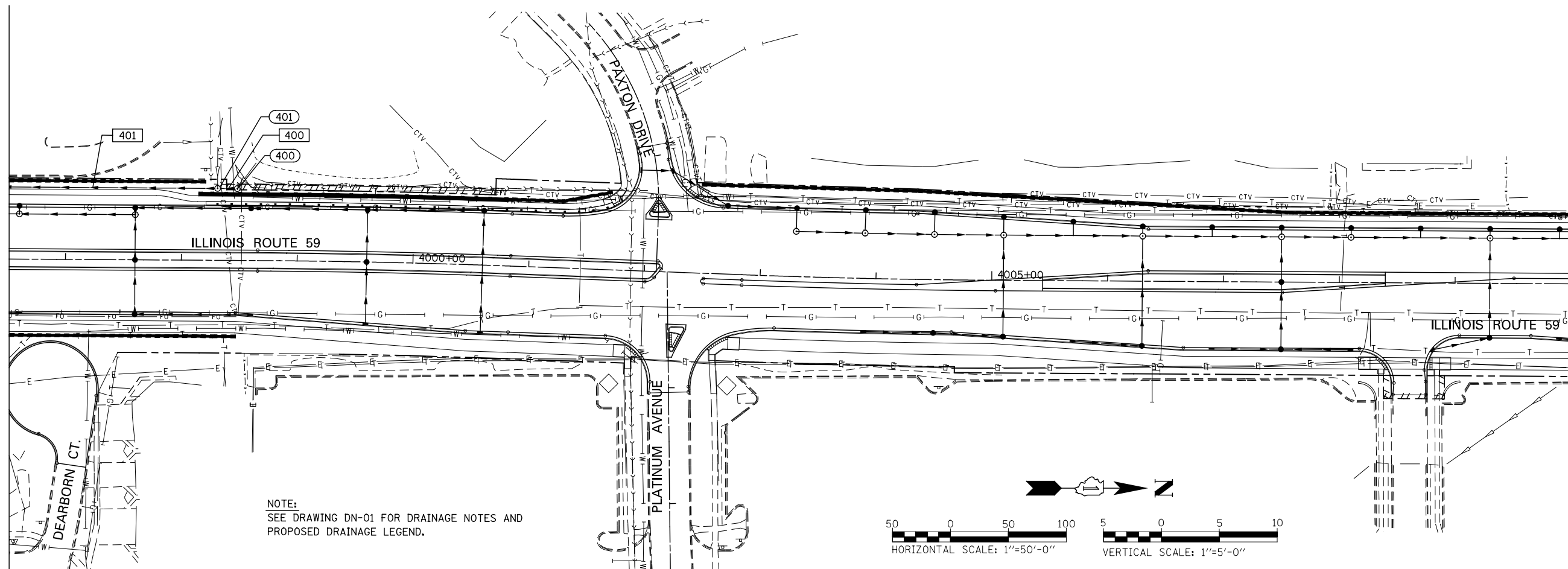


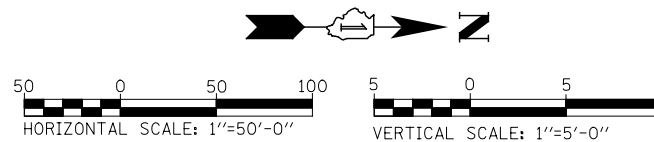
PLAN	SURVEYED	BY	DATE
	PLOTTED		
	CHECKED		
	ALIGNED		
	FILED		
	NO.		

MATCH LINE STA. 3996+50  
SEE DRAWING DP-01B

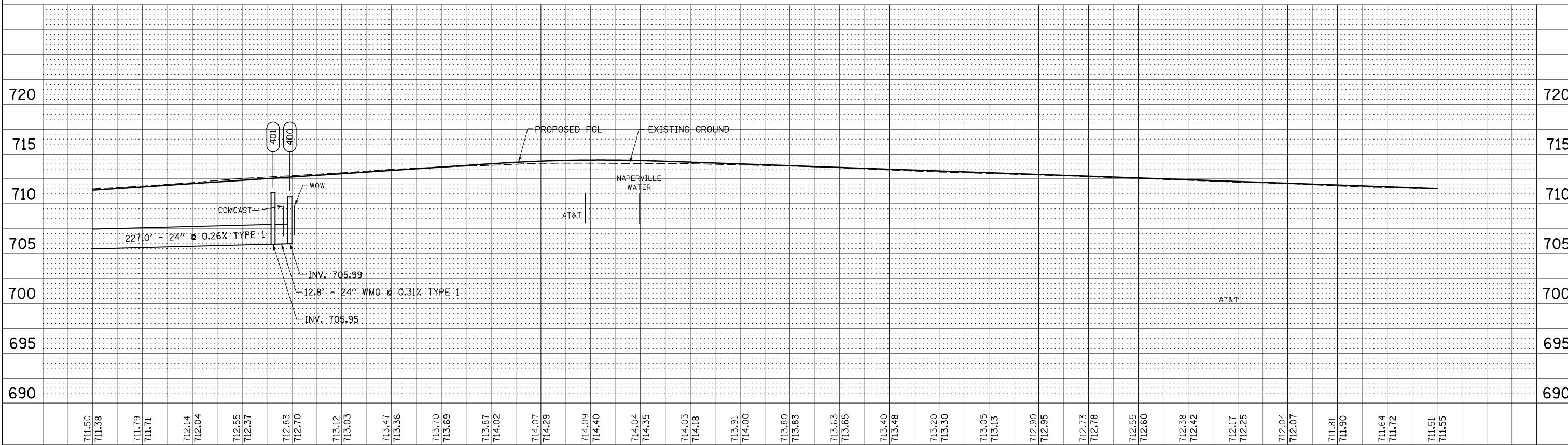


MATCH LINE STA. 4010+00  
SEE DRAWING DP-03

NOTE:  
SEE DRAWING DN-01 FOR DRAINAGE NOTES AND  
PROPOSED DRAINAGE LEGEND.



PROFILE	SURVEYED	BY	DATE
	PLOTTED		
	CHECKED		
	STRUCTURE		
	NOTATION		
	CHKD		
	NO.		



711.50	711.38	711.79	711.71	712.14	712.04	712.55	712.37	712.83	712.70	713.12	713.03	713.47	713.36	713.70	713.69	713.87	714.02	714.07	714.29	714.09	714.40	714.04	714.35	714.03	714.18	713.91	714.00	713.80	713.83	713.63	713.65	713.40	713.48	713.20	713.30	713.05	713.13	712.90	712.95	712.73	712.78	712.55	712.60	712.38	712.42	712.17	712.25	712.04	712.07	711.81	711.90	711.64	711.72	711.51	711.55
3997+00		3998+00		3999+00		4000+00		4001+00		4002+00		4003+00		4004+00		4005+00		4006+00		4007+00		4008+00		4009+00		4010+00																													

DESIGNED	JWM	REVISED	-
DRAWN	KES	REVISED	-
CHECKED	JRS	REVISED	-
DATE	12/14/2012	REVISED	-

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

PROPOSED DRAINAGE PLAN & PROFILE - ILLINOIS ROUTE 59

SCALE: 1"=50' SHEET NO. 4 OF 11 SHEETS STA. 3996+50 TO STA. 4010+00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
338	(112 & 113) WRS-7	DUPAGE	734	301
DP-02B			CONTRACT NO. 60R31	
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				

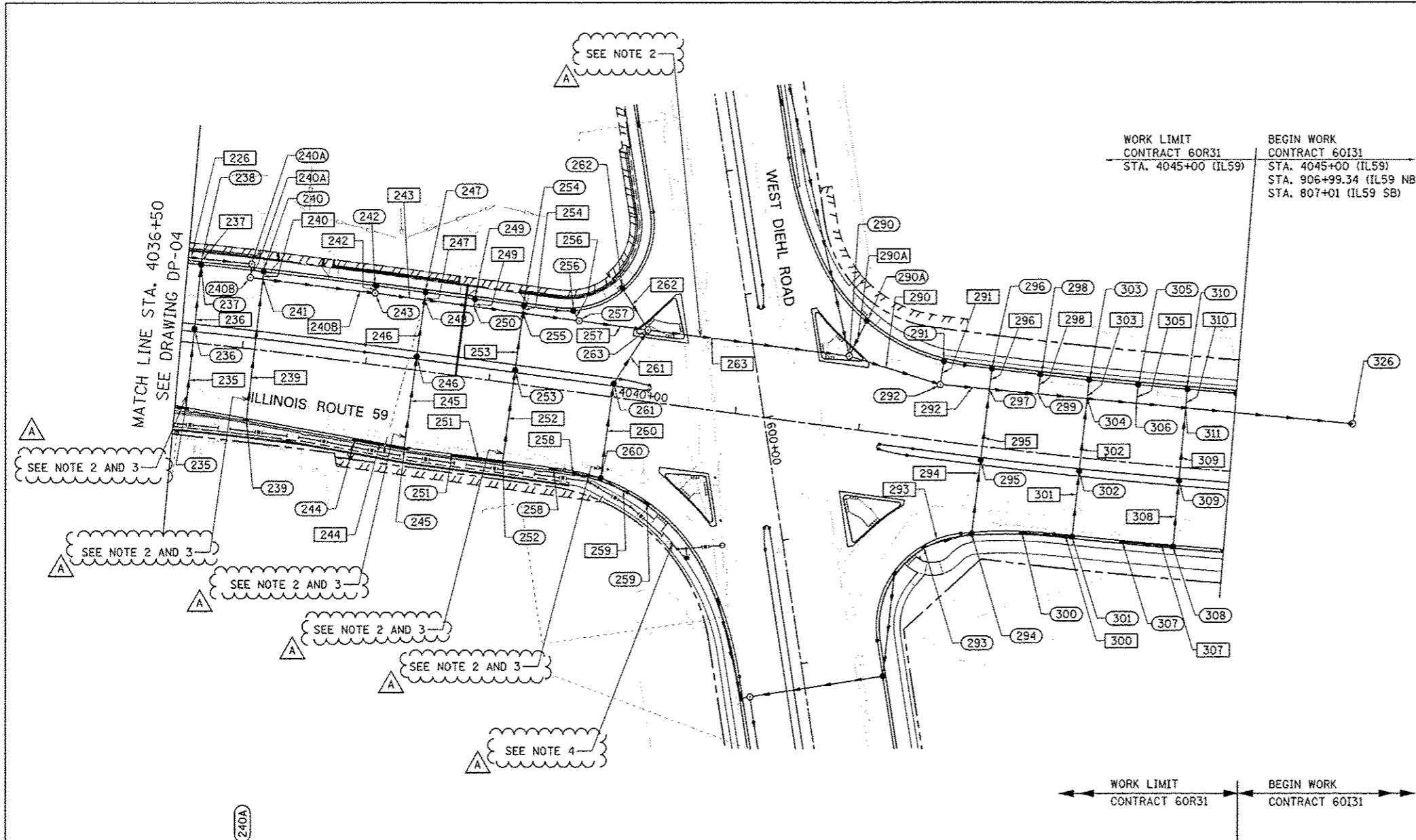






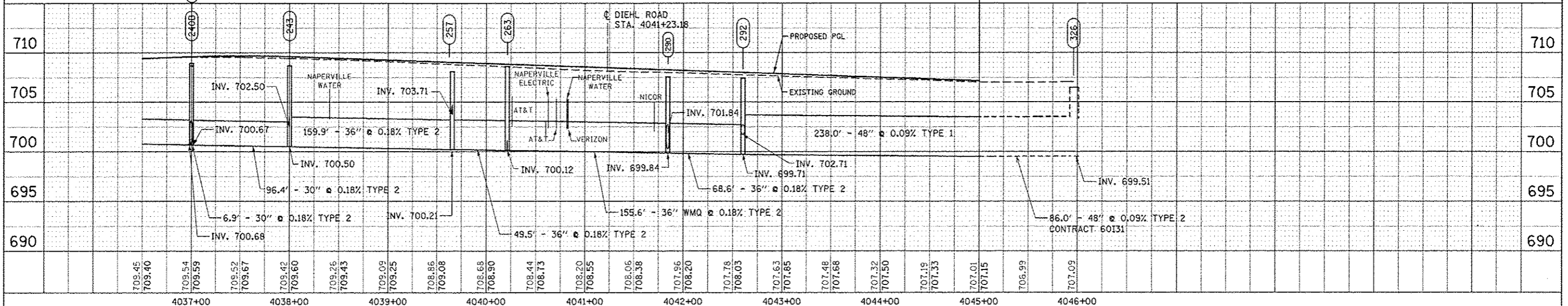
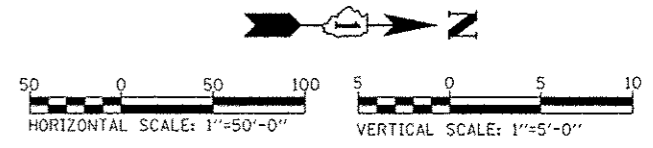
PLAN	DATE
REVISED	
NOTE BOOK	
NO.	
DATE	
NO.	

PROFILE	DATE
REVISED	
NOTE BOOK	
NO.	
DATE	
NO.	



**NOTE:**

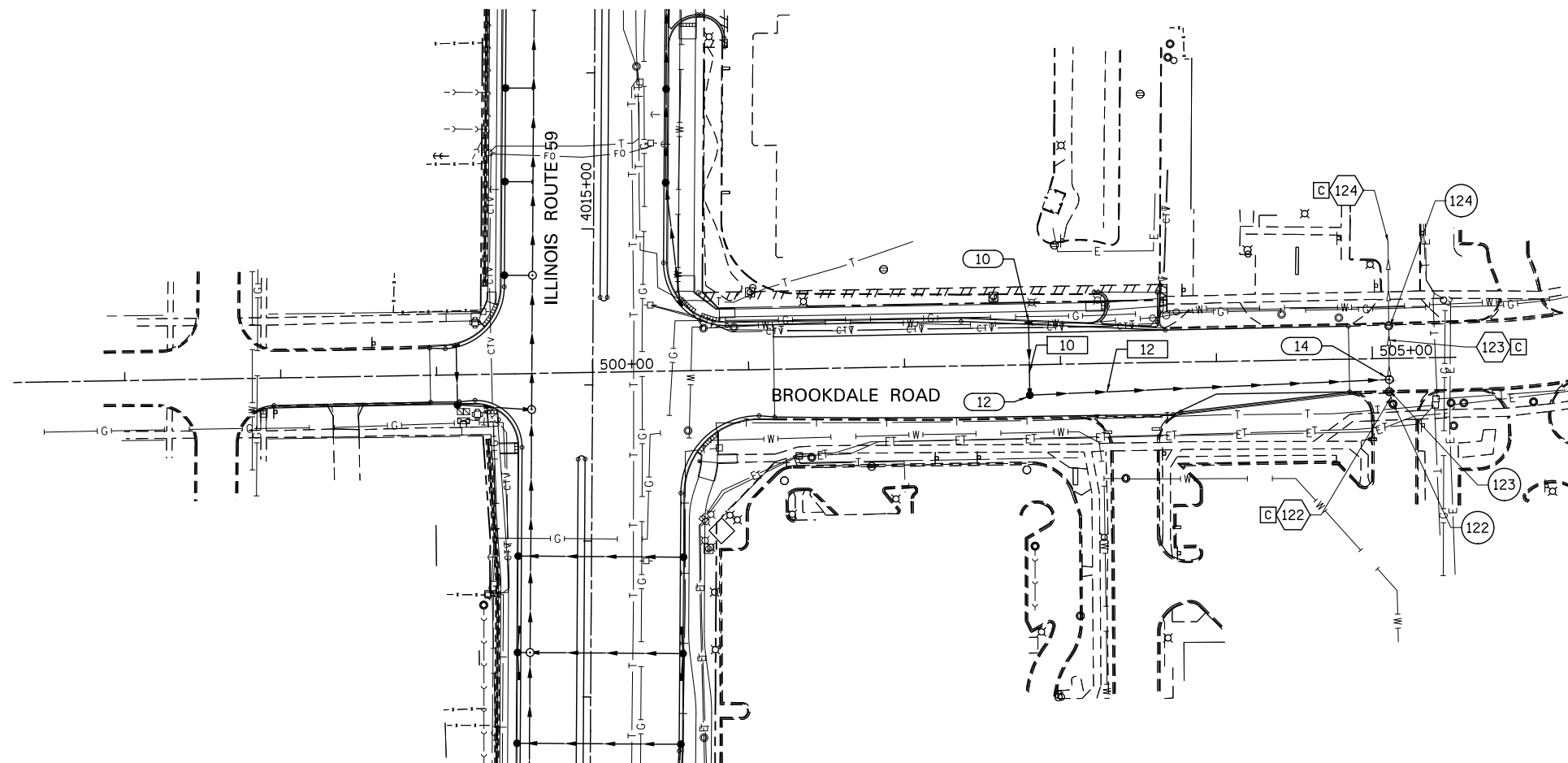
- SEE DRAWING DN-01 FOR DRAINAGE NOTES AND PROPOSED DRAINAGE LEGEND.
- AT&T UTILITY DUCT TO REMAIN.
- NICOR GAS UTILITY TO REMAIN.
- PROPOSED WATER MAIN (TYPICAL). SEE WATER MAIN PLANS FOR DETAILS.



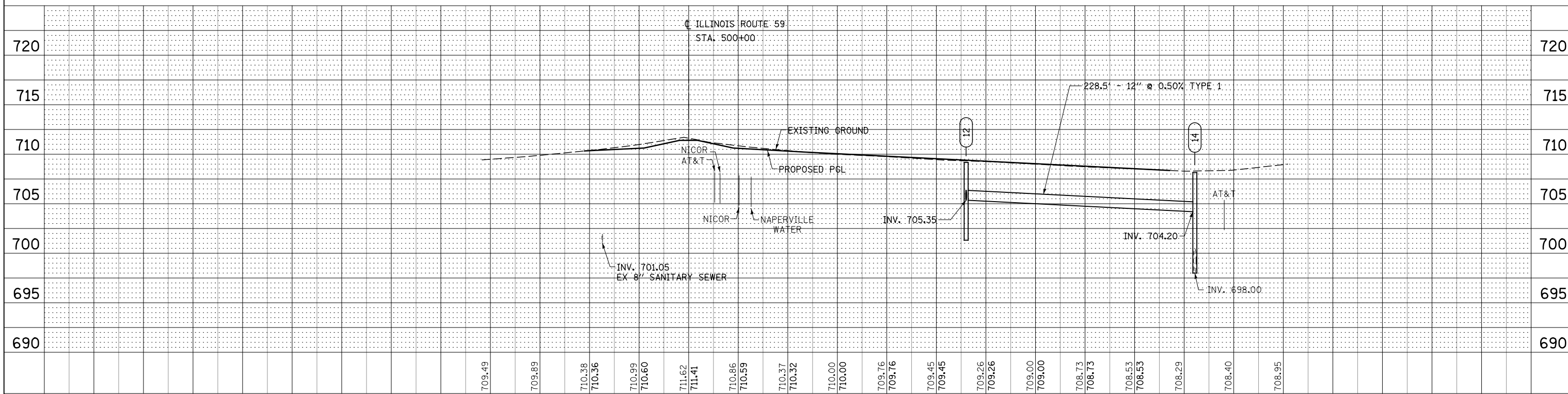
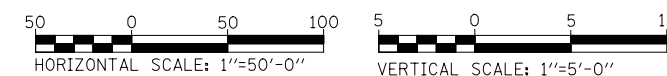
DESIGNED <i>JWM</i>	REVISED - ADDENDUM A 02/22/2013	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>PROPOSED DRAINAGE PLAN &amp; PROFILE - ILLINOIS ROUTE 59</b>		F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
DRAWN <i>KFS</i>	REVISED -		338	(112 & 113) WRS-7	DUPAGE	734	304		
CHECKED <i>JRS</i>	REVISED -		<b>DP-05</b>		<b>CONTRACT NO. 60R31</b>				
DATE <i>12/14/2012</i>	REVISED -		SCALE: 1"=50'		SHEET NO. 7 OF 11 SHEETS	STA. 4023+00 TO STA. 4045+00	FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT	

PLAN	SURVEYED	BY	DATE
	PLOTTED		
	CHECKED		
	ALIGNED		
	FILED		
	FILE NAME		
	NO.		

PROFILE	SURVEYED	BY	DATE
	PLOTTED		
	CHECKED		
	STRUCTURE		
	NOTATION		
	CHWD		
	NO.		



NOTE:  
SEE DRAWING DN-01 FOR DRAINAGE NOTES AND  
PROPOSED DRAINAGE LEGEND.



709.49	709.89	710.38	710.36	710.99	710.60	711.62	711.41	710.86	710.59	710.37	710.32	710.00	710.00	709.76	709.76	709.45	709.45	709.26	709.26	709.00	709.00	708.73	708.73	708.53	708.53	708.29	708.40	708.95
498+00				499+00		500+00		501+00		502+00		503+00		504+00		505+00												

DESIGNED	JWM	REVISED	-
DRAWN	KES	REVISED	-
CHECKED	JRS	REVISED	-
DATE	12/14/2012	REVISED	-

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

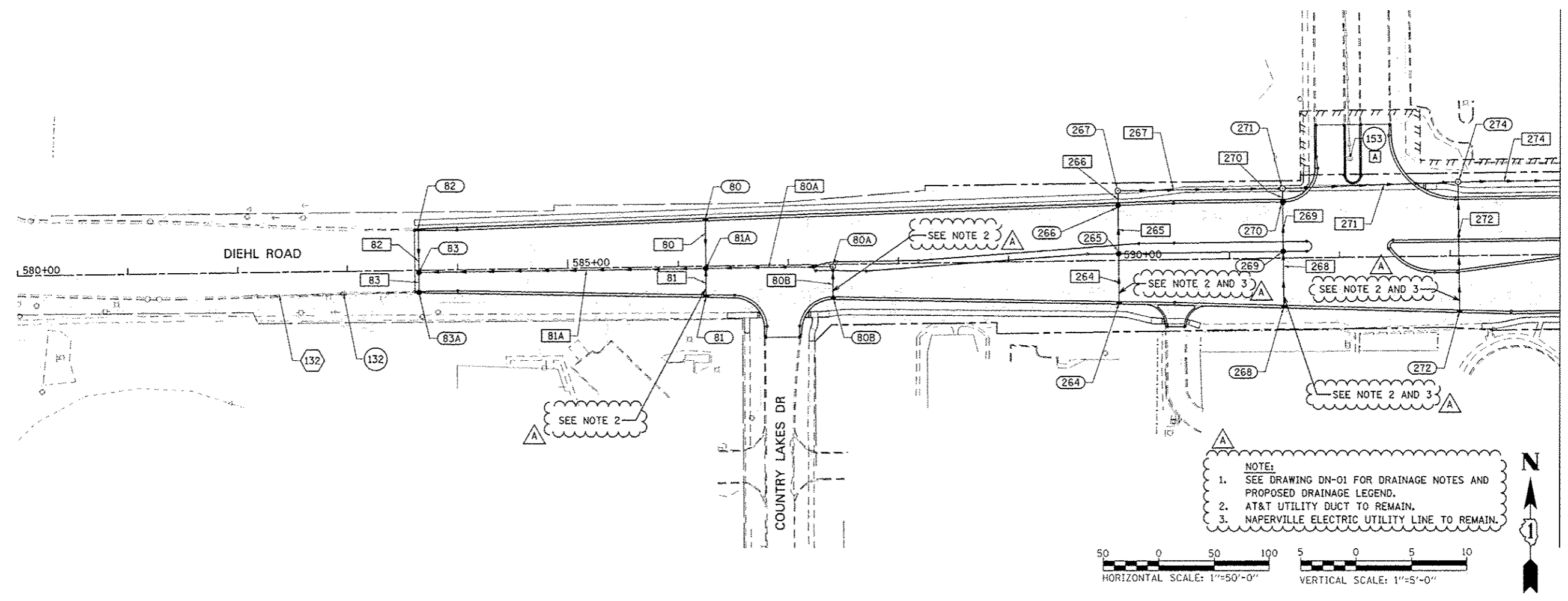
PROPOSED DRAINAGE PLAN & PROFILE - BROOKDALE ROAD

SCALE: 1"=50' SHEET NO. 8 OF 11 SHEETS STA. BEGIN TO STA. END

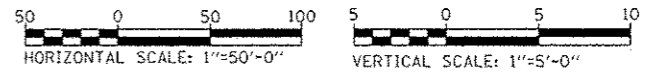
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
338	(112 & 113) WRS-7	DUPAGE	734	305
DP-06		CONTRACT NO. 60R31		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

DATE	
BY	
PROJECT	
NO.	
NO.	
NO.	
NO.	
NO.	

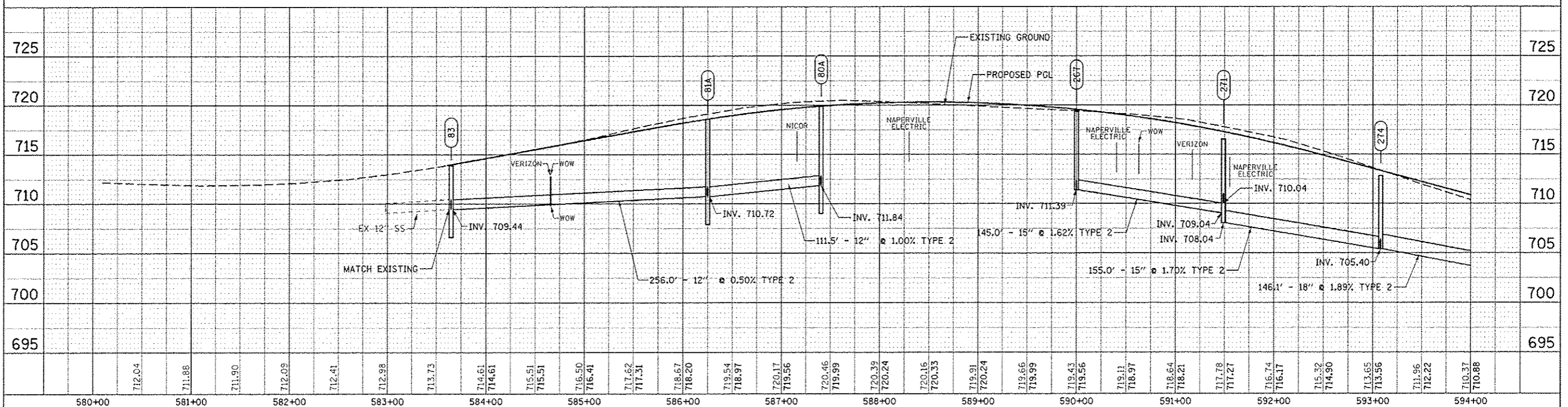
DATE	
BY	
PROJECT	
NO.	
NO.	
NO.	
NO.	
NO.	



NOTE:  
 1. SEE DRAWING DN-01 FOR DRAINAGE NOTES AND PROPOSED DRAINAGE LEGEND.  
 2. AT&T UTILITY DUCT TO REMAIN.  
 3. NAPERVILLE ELECTRIC UTILITY LINE TO REMAIN.



MATCH LINE STA. 594+00  
 SEE DRAWING DP-08

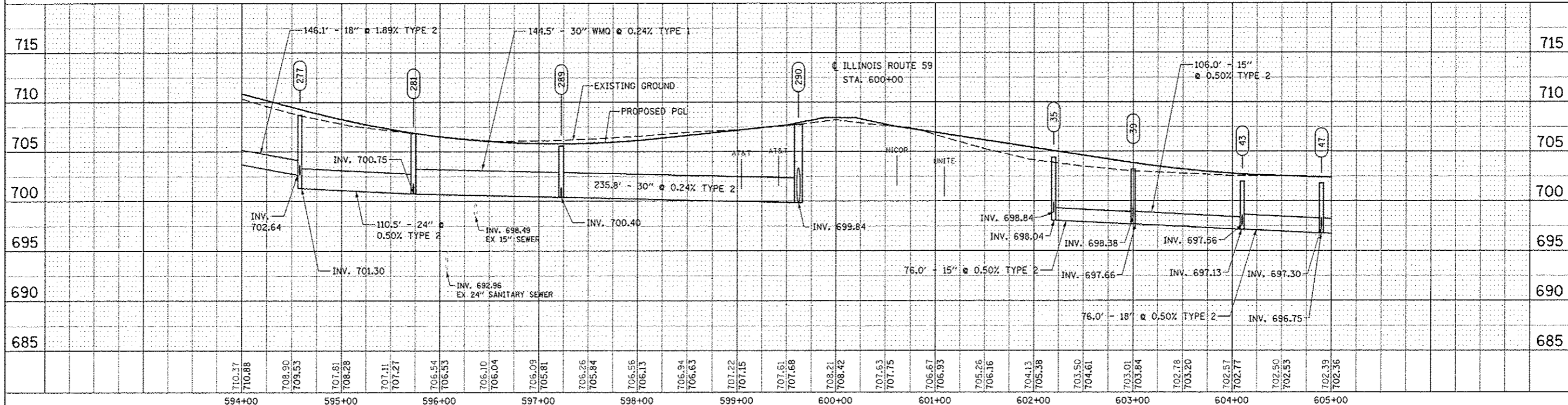
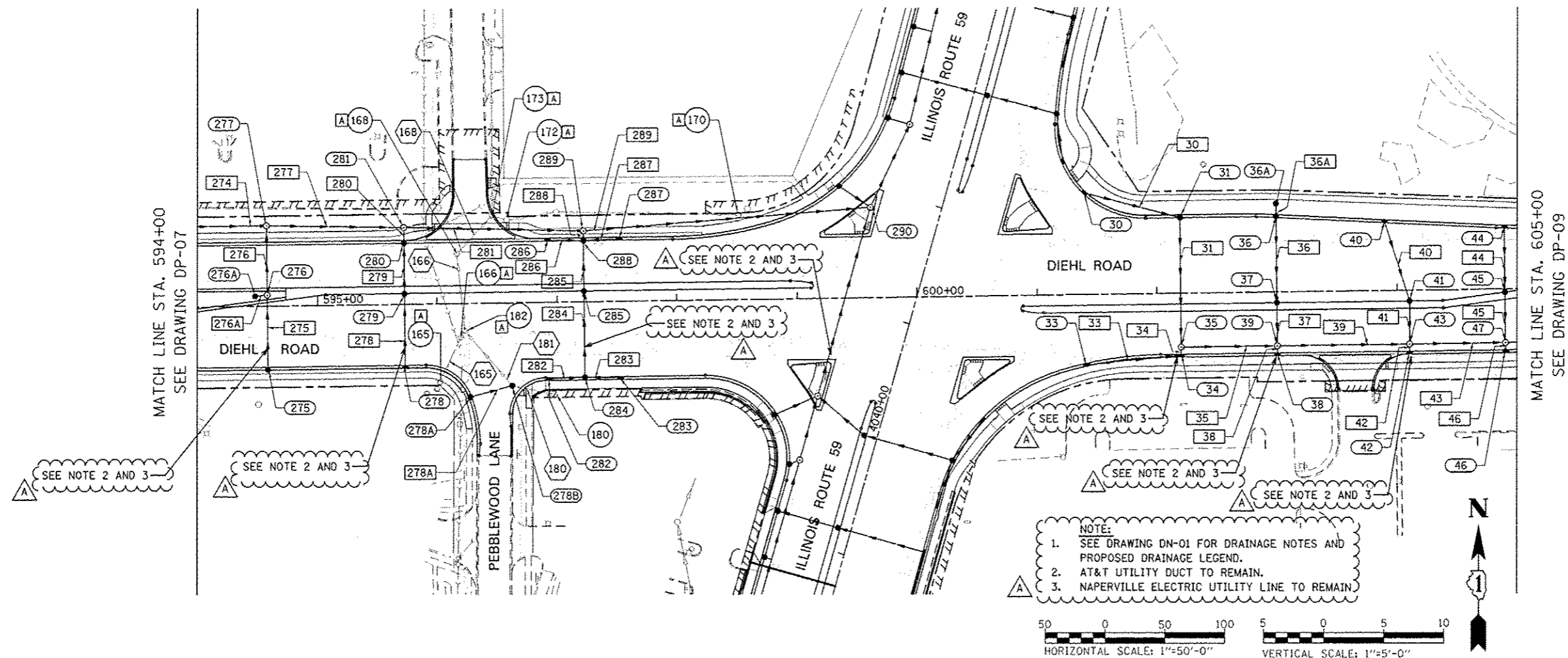


DESIGNED	JWH	REVISED	-ADDENDUM A 02/22/2013	F.A.P. RTE.	338	SECTION	(112 & 113) WRS-7	COUNTY	DUPAGE	TOTAL SHEETS	734	SHEET NO.	306
DRAWN	KE'S	REVISED	-	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION				PROPOSED DRAINAGE PLAN & PROFILE - DIEHL ROAD				CONTRACT NO. 60R31	
CHECKED	JRS	REVISED	-									DP-07	
DATE	12/11/2012	REVISED	-	SCALE: 1"=50'				SHEET NO. 9 OF 11 SHEETS		STA. BEGIN TO STA. 594+00		FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT	



PLAN	DATE
REVISED	BY
NOTE BOOK	NO.
NO. OF SHEETS	TOTAL SHEETS
DATE	

PROV FILE	DATE
NO. OF SHEETS	TOTAL SHEETS
DATE	



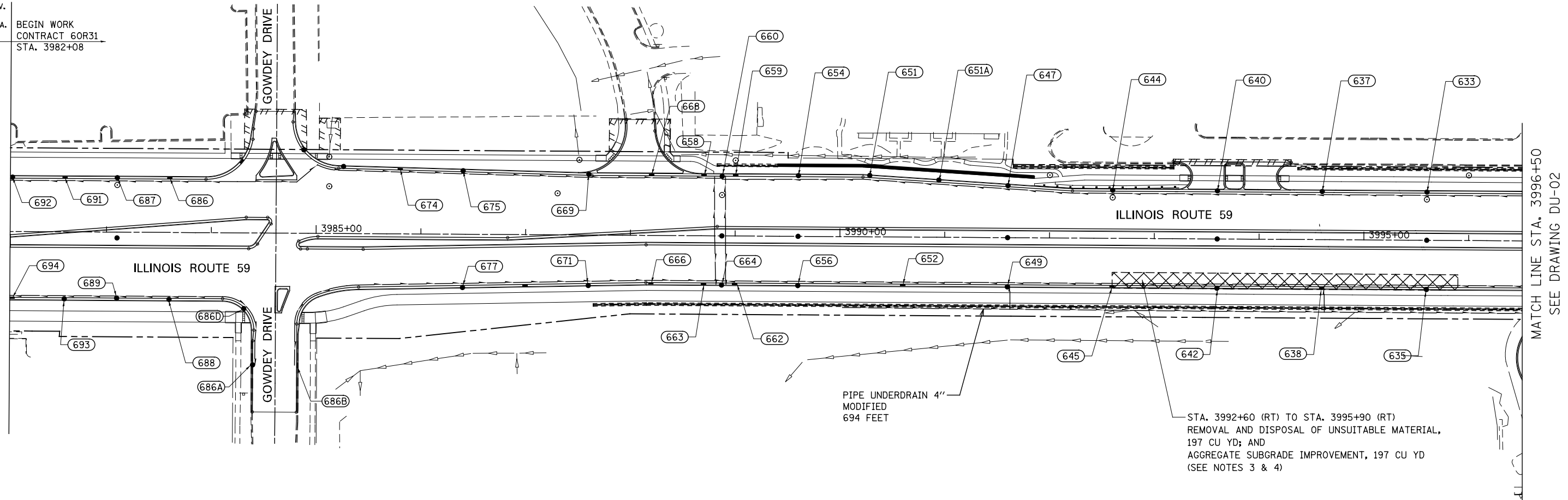
DESIGNED <i>JWM</i>	REVISED - ADDENDUM A 02/22/2013	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>PROPOSED DRAINAGE PLAN &amp; PROFILE - DIEHL ROAD</b>		F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
DRAWN <i>KES</i>	REVISED -		SCALE: 1"=50' SHEET NO. 10 OF 11 SHEETS STA. 594+00 TO STA. 605+00		338	(112 & 113) WRS-7	DUPAGE	734	307
CHECKED <i>JRS</i>	REVISED -				<b>DP-08</b>		CONTRACT NO. 60R31		
DATE <i>12/14/2012</i>	REVISED -				ILLINOIS FED. AID PROJECT				






END IMPRV.  
CONTRACT  
60R30 STA.  
3982+08

BEGIN WORK  
CONTRACT 60R31  
STA. 3982+08



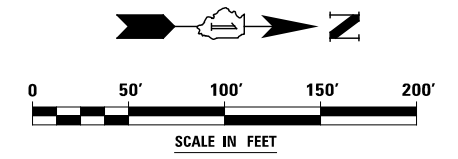
STA. 3992+60 (RT) TO STA. 3995+90 (RT)  
REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL,  
197 CU YD; AND  
AGGREGATE SUBGRADE IMPROVEMENT, 197 CU YD  
(SEE NOTES 3 & 4)

**LEGEND**

 UNDERCUT AREA  
SEE CROSS-SECTIONS FOR INFORMATION

**NOTES**

- 1) SEE DRAWING DN-01 FOR DRAINAGE NOTES AND PROPOSED DRAINAGE LEGEND.
- 2) SEE DRAWINGS DP-01A AND DP-01B FOR PROPOSED STORM SEWER.
- 3) AGGREGATE SUBGRADE IMPROVEMENT 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 AGGREGATE SUBGRADE IMPROVEMENT 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 OF THE STANDARD SPECIFICATIONS AND THE UNDERCUT GUIDELINES IN THE IDOT SUBGRADE STABILITY MANUAL. IF UNSTABLE AND/ OR UNSUITABLE MATERIAL IS NOT ENCOUNTERED AT THE TIME OF CONSTRUCTION, THEN THE QUANTITY SHALL BE DEDUCTED AND NO ADDITIONAL COMPENSATION WILL BE DUE TO THE CONTRACTOR.
- 4) SEE EARTHWORK SCHEDULE FOR ADDITIONAL INFORMATION REGARDING QUANTITY.



STRUCTURE NUMBER	FROM		TO			LENGTH IN FEET	DIAMETER IN INCHES
	STATION	OFFSET	STRUCTURE NUMBER	STATION	OFFSET		
633	3995+60.00	45.00 LT	637	3994+60.00	45.00 LT	96	4
637	3994+60.00	45.00 LT	640	3993+60.00	45.00 LT	96	4
640	3993+60.00	45.00 LT	644	3992+60.00	45.00 LT	96	4
644	3992+60.00	45.00 LT	647	3991+60.00	48.70 LT	96	4
647	3991+60.00	48.70 LT	651A	3990+95.00	52.70 LT	61	4
651A	3990+95.00	52.70 LT	651	3990+28.00	56.60 LT	63	4
651	3990+28.00	56.60 LT	654	3989+60.00	57.00 LT	64	4
654	3989+60.00	57.00 LT	659	3989+00.00	57.00 LT	57	4
659	3989+00.00	57.00 LT	660	3988+87.26	57.00 LT	10	4
START	3984+24.65	49.00 LT	674	3985+80.00	61.07 LT	161	4
674	3985+80.00	61.07 LT	675	3986+40.00	59.73 LT	57	4
675	3986+40.00	59.73 LT	669	3987+60.00	57.00 LT	116	4
669	3987+60.00	57.00 LT	668	3988+20.00	57.00 LT	57	4
668	3988+20.00	57.00 LT	658	3988+70.00	57.00 LT	48	4
658	3988+70.00	57.00 LT	660	3988+87.26	57.00 LT	14	4
START	3984+24.65	49.00 LT	686	3983+60.00	51.00 LT	64	4
686	3983+60.00	51.00 LT	687	3983+10.00	51.00 LT	47	4
687	3983+10.00	51.00 LT	691	3982+60.00	51.00 LT	47	4

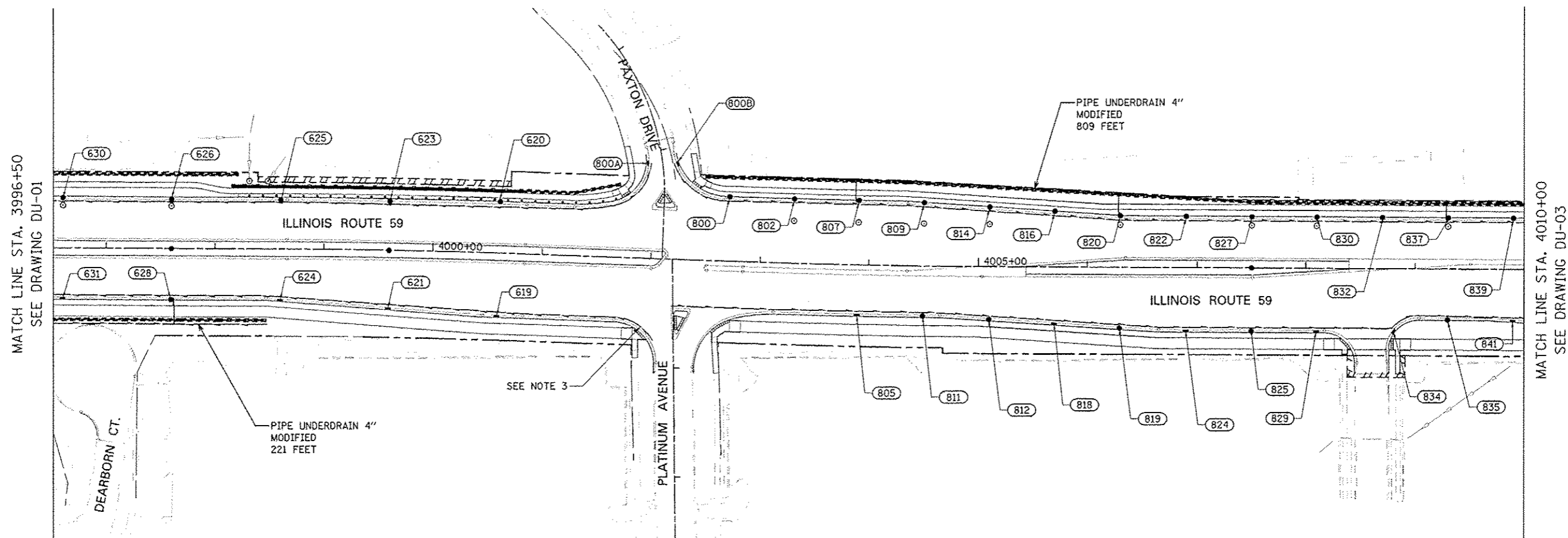
STRUCTURE NUMBER	FROM		TO			LENGTH IN FEET	DIAMETER IN INCHES
	STATION	OFFSET	STRUCTURE NUMBER	STATION	OFFSET		
691	3982+60.00	51.00 LT	692	3982+10.00	51.00 LT	47	4
START	3984+11.15	61.00 RT	688	3983+60.00	63.00 RT	49	4
688	3983+60.00	63.00 RT	689	3983+10.00	63.00 RT	46	4
689	3983+10.00	63.00 RT	693	3982+60.00	63.00 RT	46	4
693	3982+60.00	63.00 RT	694	3982+10.00	63.00 RT	46	4
START	3984+11.15	61.00 RT	686D	3984+32.20	71.70 RT	6	4
686D	3984+32.20	71.70 RT	686A	3984+40.17	126.00 RT	54	4
START	3985+38.70	49.13 RT	686B	3984+82.17	126.00 RT	107	4
START	3985+38.70	49.13 RT	677	3986+40.00	48.89 RT	100	4
677	3986+40.00	48.89 RT	671	3987+60.00	46.23 RT	116	4
671	3987+60.00	46.23 RT	666	3988+20.00	45.00 RT	57	4
666	3988+20.00	45.00 RT	663	3988+70.00	45.00 RT	48	4
663	3988+70.00	45.00 RT	664	3988+87.26	45.00 RT	14	4
635	3995+60.00	45.00 RT	638	3994+60.00	45.00 RT	97	4
638	3994+60.00	45.00 RT	642	3993+60.00	45.00 RT	97	4
642	3993+60.00	45.00 RT	645	3992+60.00	45.00 RT	97	4
645	3992+60.00	45.00 RT	649	3991+60.00	45.00 RT	97	4
649	3991+60.00	45.00 RT	652	3990+60.00	45.00 RT	97	4
652	3990+60.00	45.00 RT	656	3989+60.00	45.00 RT	97	4
656	3989+60.00	45.00 RT	662	3989+00.00	45.00 RT	57	4
662	3989+00.00	45.00 RT	664	3988+87.26	45.00 RT	10	4
						SUBTOTAL	2,635 FT

DESIGNED	PJO	REVISED	-
DRAWN	KES	REVISED	-
CHECKED	JCM	REVISED	-
DATE	12/14/2012	REVISED	-

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**PIPE UNDERDRAINS AND UNDERCUT PLAN - ILLINOIS ROUTE 59**  
SCALE: AS SHOWN | SHEET NO. 1 OF 5 SHEETS | STA. BEGIN TO STA. 3996+50

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
338	(112 & 113) WRS-6	DUPAGE	734	309
<b>DU-01</b>		CONTRACT NO. 60R31		
ILLINOIS FED. AID PROJECT				

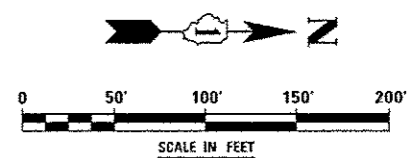


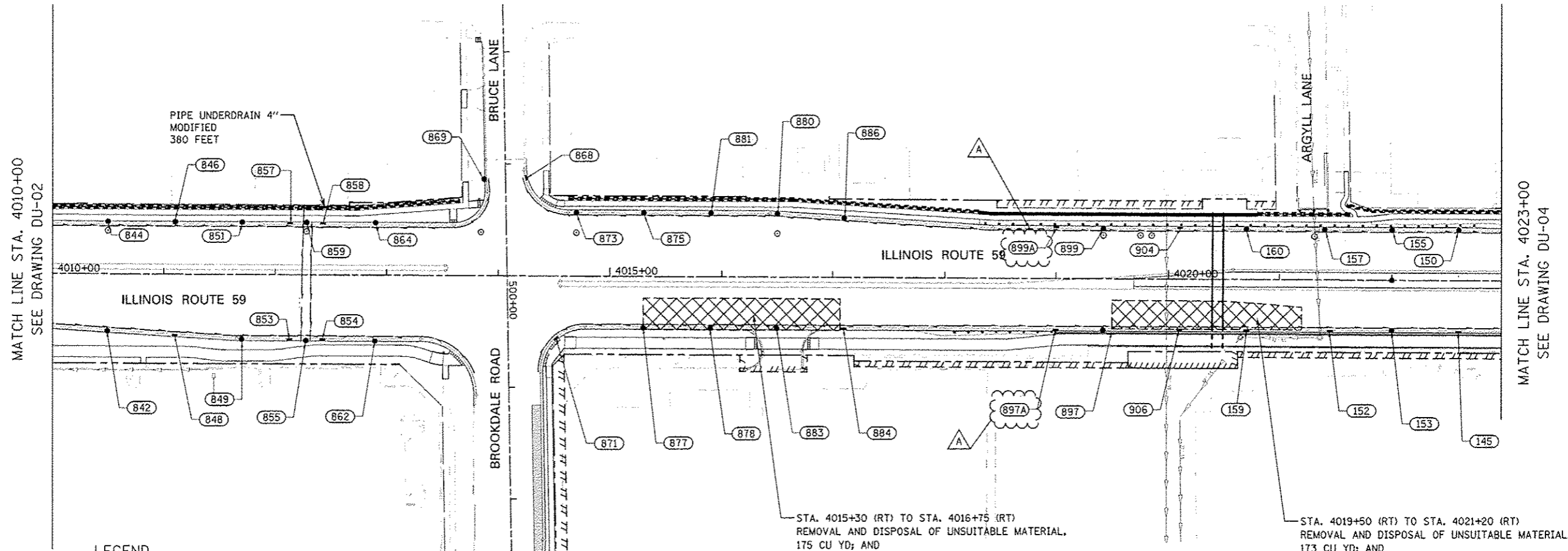
STRUCTURE NUMBER	FROM		TO			LENGTH IN FEET	DIAMETER IN INCHES
	STATION	OFFSET	STRUCTURE NUMBER	STATION	OFFSET		
START	4002+04.00	74.75 RT	619	4000+60.00	57.00 RT	150	4
619	4000+60.00	57.00 RT	621	3999+60.00	52.47 RT	96	4
621	3999+60.00	52.47 RT	624	3998+60.00	45.94 RT	97	4
624	3998+60.00	45.94 RT	628	3997+60.00	45.00 RT	97	4
628	3997+60.00	45.00 RT	631	3996+60.00	45.00 RT	97	4
631	3996+60.00	45.00 RT	635	3995+60.00	45.00 RT	97	4
START	4002+20.30	43.00 RT	805	4003+90.00	45.00 RT	170	4
805	4003+90.00	45.00 RT	811	4004+50.00	45.00 RT	57	4
811	4004+50.00	45.00 RT	812	4005+10.00	47.60 RT	56	4
812	4005+10.00	47.60 RT	818	4005+70.00	51.22 RT	57	4
818	4005+70.00	51.22 RT	819	4006+30.00	54.84 RT	57	4
824	4006+90.00	57.00 RT	825	4007+50.00	57.00 RT	57	4
825	4007+50.00	57.00 RT	829	4008+10.00	57.00 RT	57	4
829	4008+10.00	57.00 RT	834	4008+80.02	57.00 RT	68	4
834	4008+80.02	57.00 RT	835	4009+30.00	45.00 RT	52	4
835	4009+30.00	45.00 RT	841	4009+90.00	46.46 RT	57	4
START	4001+64.80	47.40 LT	620	4000+60.00	45.00 LT	103	4
620	4000+60.00	45.00 LT	623	3999+60.00	45.00 LT	96	4

STRUCTURE NUMBER	FROM		TO			LENGTH IN FEET	DIAMETER IN INCHES
	STATION	OFFSET	STRUCTURE NUMBER	STATION	OFFSET		
623	3999+60.00	45.00 LT	625	3998+60.00	45.00 LT	96	4
625	3998+60.00	45.00 LT	626	3997+60.00	45.00 LT	96	4
626	3997+60.00	45.00 LT	630	3996+60.00	45.00 LT	96	4
630	3996+60.00	45.00 LT	633	3995+60.00	45.00 LT	96	4
START	4001+64.80	47.40 LT	800A	4001+95.05	87.00 LT	54	4
800	4002+70.00	57.00 LT	800B	4002+20.38	87.00 LT	62	4
800	4002+70.00	57.00 LT	802	4003+30.00	57.00 LT	56	4
802	4003+30.00	57.00 LT	807	4003+90.00	57.00 LT	56	4
807	4003+90.00	57.00 LT	809	4004+50.00	56.21 LT	56	4
809	4004+50.00	56.21 LT	814	4005+10.00	52.73 LT	56	4
814	4005+10.00	52.73 LT	820	4006+30.00	45.31 LT	56	4
816	4005+70.00	49.02 LT	822	4006+90.00	45.00 LT	56	4
820	4006+30.00	45.31 LT	822	4006+90.00	45.00 LT	56	4
822	4006+90.00	45.00 LT	827	4007+50.00	45.00 LT	56	4
827	4007+50.00	45.00 LT	830	4008+10.00	45.00 LT	56	4
830	4008+10.00	45.00 LT	832	4008+70.00	45.00 LT	56	4
832	4008+70.00	45.00 LT	837	4009+30.00	45.00 LT	56	4
837	4009+30.00	45.00 LT	839	4009+90.00	45.00 LT	56	4
SUBTOTAL						2,638 FT	


**NOTES**

- 1) SEE DRAWING DN-01 FOR DRAINAGE NOTES AND PROPOSED DRAINAGE LEGEND.
- 2) SEE DRAWINGS DP-02A AND DP-02B FOR PROPOSED STORM SEWER.
- 3) UNDERDRAIN AS INDICATED SHALL BE BACK-PITCHED TO STRUCTURE AS SHOWN.





**LEGEND**

 UNDERCUT AREA  
SEE CROSS-SECTIONS FOR INFORMATION

STRUCTURE NUMBER	FROM		TO			LENGTH IN FEET	DIAMETER IN INCHES
	STATION	OFFSET	STRUCTURE NUMBER	STATION	OFFSET		
839	4009+90.00	45.00 LT	844	4010+50.00	45.00 LT	56	4
844	4010+50.00	45.00 LT	846	4011+10.00	45.00 LT	56	4
846	4011+10.00	45.00 LT	851	4011+70.00	45.00 LT	56	4
851	4011+70.00	45.00 LT	857	4012+13.00	45.00 LT	40	4
857	4012+13.00	45.00 LT	859	4012+28.17	45.00 LT	12	4
START	4013+59.70	43.00 LT	864	4012+90.00	45.00 LT	68	4
864	4012+90.00	45.00 LT	858	4012+43.00	45.00 LT	44	4
858	4012+43.00	45.00 LT	859	4012+28.17	45.00 LT	12	4
START	4013+59.70	43.00 LT	869	4013+88.68	86.62 LT	60	4
START	4018+05.75	45.25 LT	886	4017+10.00	52.99 LT	92	4
886	4017+10.00	52.99 LT	880	4016+50.00	56.59 LT	56	4
880	4016+50.00	56.59 LT	881	4015+90.00	57.00 LT	56	4
881	4015+90.00	57.00 LT	875	4015+30.00	57.00 LT	56	4
875	4015+30.00	57.00 LT	873	4014+70.00	57.00 LT	56	4
873	4014+70.00	57.00 LT	868	4014+23.68	87.41 LT	61	4
START	4018+05.75	45.25 LT	899A	4019+00.00	45.00 LT	34	4
899A	4019+00.00	45.00 LT	899	4019+42.00	45.00 LT	39	4
899	4019+42.00	45.00 LT	904	4020+10.00	45.00 LT	64	4
904	4020+10.00	45.00 LT	160	4020+70.00	45.00 LT	56	4
160	4020+70.00	45.00 LT	157	4021+40.00	45.00 LT	66	4
157	4021+40.00	45.00 LT	155	4022+00.00	45.00 LT	56	4
155	4022+00.00	45.00 LT	150	4022+60.00	45.00 LT	56	4
150	4022+60.00	45.00 LT	148	4023+20.00	45.00 LT	56	4

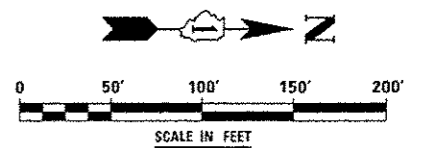
STRUCTURE NUMBER	FROM		TO			LENGTH IN FEET	DIAMETER IN INCHES
	STATION	OFFSET	STRUCTURE NUMBER	STATION	OFFSET		
841	4009+90.00	46.46 RT	842	4010+50.00	50.06 RT	57	4
842	4010+50.00	50.06 RT	848	4011+10.00	53.66 RT	57	4
848	4011+10.00	53.66 RT	849	4011+70.00	57.00 RT	57	4
849	4011+70.00	57.00 RT	853	4012+13.00	57.00 RT	40	4
853	4012+13.00	57.00 RT	855	4012+28.17	57.00 RT	12	4
START	4013+79.00	87.00 RT	862	4012+90.00	57.00 RT	101	4
862	4012+90.00	57.00 RT	854	4012+43.00	57.00 RT	44	4
854	4012+43.00	57.00 RT	855	4012+28.17	57.00 RT	12	4
START	4014+36.60	86.00 RT	871	4014+52.00	55.10 RT	36	4
START	4018+00.00	43.00 RT	884	4017+10.00	45.00 RT	87	4
884	4017+10.00	45.00 RT	883	4016+50.00	45.00 RT	57	4
883	4016+50.00	45.00 RT	878	4015+90.00	45.00 RT	56	4
878	4015+90.00	45.00 RT	877	4015+30.00	45.00 RT	57	4
877	4015+30.00	45.00 RT	871	4014+52.00	55.10 RT	80	4
START	4018+00.00	43.00 RT	897A	4019+00.00	45.00 RT	98	4
897A	4019+00.00	45.00 RT	897	4019+42.00	45.00 RT	39	4
897	4019+42.00	45.00 RT	906	4020+10.00	45.00 RT	64	4
906	4020+10.00	45.00 RT	159	4020+70.00	45.00 RT	56	4
159	4020+70.00	45.00 RT	152	4021+45.00	45.00 RT	72	4
152	4021+45.00	45.00 RT	153	4022+00.00	45.00 RT	52	4
153	4022+00.00	45.00 RT	145	4022+60.00	45.00 RT	57	4
145	4022+60.00	45.00 RT	146	4023+20.00	47.85 RT	57	4
SUBTOTAL						2,517 FT	

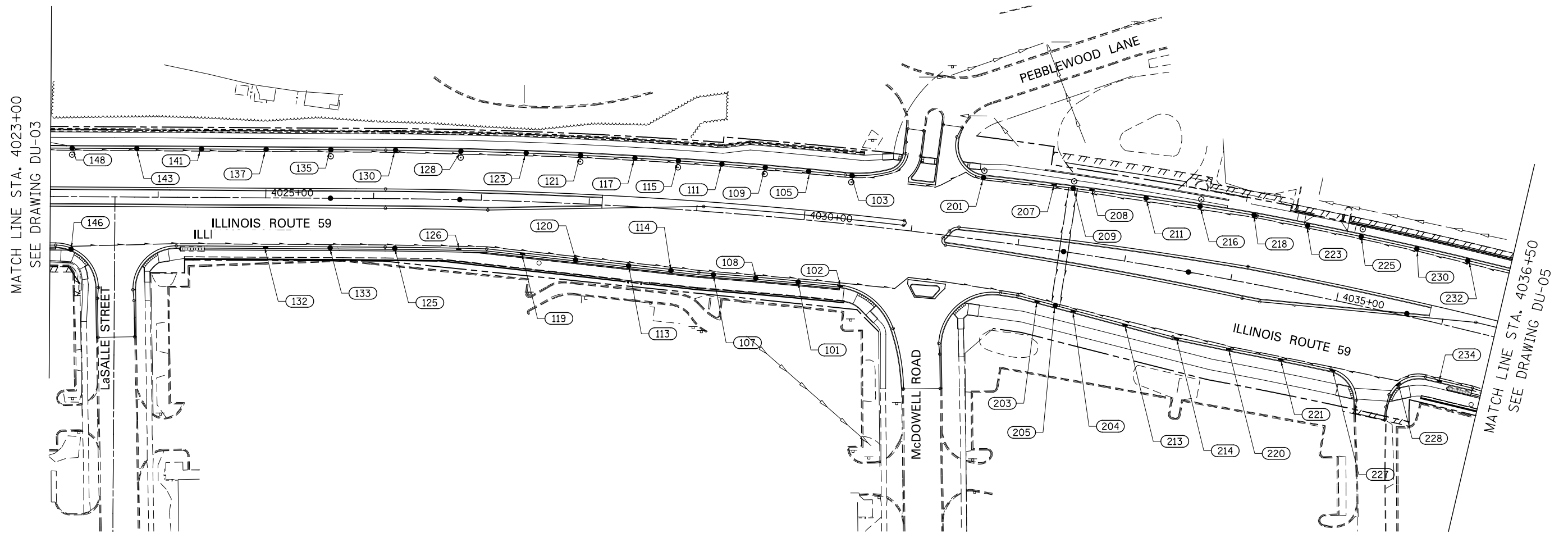
STA. 4015+30 (RT) TO STA. 4016+75 (RT)  
REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL,  
175 CU YD; AND  
AGGREGATE SUBGRADE IMPROVEMENT, 175 CU YD  
(SEE NOTES 3 & 4)

STA. 4019+50 (RT) TO STA. 4021+20 (RT)  
REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL,  
173 CU YD; AND  
AGGREGATE SUBGRADE IMPROVEMENT, 173 CU YD  
(SEE NOTES 3 & 4)

**NOTES**

- 1) SEE DRAWING DN-01 FOR DRAINAGE NOTES AND PROPOSED DRAINAGE LEGEND.
- 2) SEE DRAWING DP-03 FOR PROPOSED STORM SEWER.
- 3) AGGREGATE SUBGRADE IMPROVEMENT 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 AGGREGATE SUBGRADE IMPROVEMENT 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 OF THE STANDARD SPECIFICATIONS AND THE UNDERCUT GUIDELINES IN THE IDOT SUBGRADE STABILITY MANUAL. IF UNSTABLE AND/ OR UNSUITABLE MATERIAL IS NOT ENCOUNTERED AT THE TIME OF CONSTRUCTION, THEN THE QUANTITY SHALL BE DEDUCTED AND NO ADDITIONAL COMPENSATION WILL BE DUE TO THE CONTRACTOR.
- 4) SEE EARTHWORK SCHEDULE FOR ADDITIONAL INFORMATION REGARDING QUANTITY.



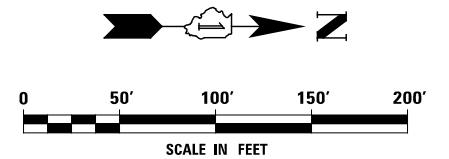


STRUCTURE NUMBER	FROM		TO			LENGTH IN FEET	DIAMETER IN INCHES
	STATION	OFFSET	STRUCTURE NUMBER	STATION	OFFSET		
146	4023+20.00	47.85 RT	132	4025+00.00	45.00 RT	177	4
132	4025+00.00	45.00 RT	133	4025+60.00	45.00 RT	57	4
133	4025+60.00	45.00 RT	125	4026+20.00	45.00 RT	56	4
125	4026+20.00	45.00 RT	126	4026+80.00	45.00 RT	57	4
126	4026+80.00	45.00 RT	119	4027+40.00	47.66 RT	58	4
119	4027+40.00	47.66 RT	120	4027+90.00	51.12 RT	47	4
120	4027+90.00	51.12 RT	113	4028+40.00	54.02 RT	46	4
113	4028+40.00	54.02 RT	114	4028+80.00	55.94 RT	36	4
114	4028+80.00	55.94 RT	107	4029+20.00	57.00 RT	36	4
107	4029+20.00	57.00 RT	108	4029+60.00	57.00 RT	36	4
108	4029+60.00	57.00 RT	101	4030+00.00	57.00 RT	36	4
101	4030+00.00	57.00 RT	102	4030+40.00	57.00 RT	36	4
102	4030+40.00	57.00 RT	203	4032+25.00	48.68 RT	187	4
203	4032+25.00	48.68 RT	205	4032+42.64	50.64 RT	15	4
235	4036+60.00	52.44 RT	234	4036+10.00	51.00 RT	46	4
234	4036+10.00	51.00 RT	228	4035+72.50	62.50 RT	39	4
228	4035+72.50	62.50 RT	227	4035+10.00	63.06 RT	59	4
227	4035+10.00	63.06 RT	221	4034+60.00	63.00 RT	48	4
221	4034+60.00	63.00 RT	220	4034+10.00	62.93 RT	48	4
220	4034+10.00	62.93 RT	214	4033+60.00	61.79 RT	48	4
214	4033+60.00	61.79 RT	213	4033+10.00	57.57 RT	48	4
213	4033+10.00	57.57 RT	204	4032+60.00	52.54 RT	48	4
204	4032+60.00	52.54 RT	205	4032+42.64	50.64 RT	14	4
148	4023+20.00	45.00 LT	143	4023+80.00	45.00 LT	56	4
143	4023+80.00	45.00 LT	141	4024+40.00	45.00 LT	56	4
141	4024+40.00	45.00 LT	137	4025+00.00	45.00 LT	56	4

STRUCTURE NUMBER	FROM		TO			LENGTH IN FEET	DIAMETER IN INCHES
	STATION	OFFSET	STRUCTURE NUMBER	STATION	OFFSET		
137	4025+00.00	45.00 LT	135	4025+60.00	45.00 LT	56	4
135	4025+60.00	45.00 LT	130	4026+20.00	45.00 LT	56	4
130	4026+20.00	45.00 LT	128	4026+80.00	45.00 LT	56	4
128	4026+80.00	45.00 LT	123	4027+40.00	45.00 LT	56	4
123	4027+40.00	45.00 LT	121	4027+90.00	45.00 LT	46	4
121	4027+90.00	45.00 LT	117	4028+40.00	45.00 LT	46	4
117	4028+40.00	45.00 LT	115	4028+80.00	45.00 LT	36	4
115	4028+80.00	45.00 LT	111	4029+20.00	45.00 LT	36	4
111	4029+20.00	45.00 LT	109	4029+60.00	45.00 LT	36	4
109	4029+60.00	45.00 LT	105	4030+00.00	45.00 LT	36	4
105	4030+00.00	45.00 LT	103	4030+40.00	45.22 LT	36	4
START	4030+89.00	71.50 LT	103	4030+40.00	45.22 LT	61	4
237	4036+60.00	63.00 LT	232	4036+10.00	63.00 LT	46	4
232	4036+10.00	63.00 LT	230	4035+62.00	63.00 LT	44	4
230	4035+62.00	63.00 LT	225	4035+10.00	63.00 LT	48	4
225	4035+10.00	63.00 LT	223	4034+60.00	63.00 LT	46	4
223	4034+60.00	63.00 LT	218	4034+10.00	63.00 LT	46	4
218	4034+10.00	63.00 LT	216	4033+60.00	61.90 LT	46	4
216	4033+60.00	61.90 LT	211	4033+10.00	60.82 LT	46	4
211	4033+10.00	60.82 LT	208	4032+60.00	59.72 LT	47	4
208	4032+60.00	59.72 LT	209	4032+42.64	59.33 LT	14	4
START	4030+91.90	43.05 LT	201	4031+60.00	57.42 LT	73	4
201	4031+60.00	57.42 LT	207	4032+25.00	58.92 LT	62	4
207	4032+25.00	58.92 LT	209	4032+42.64	59.33 LT	15	4
SUBTOTAL						2,537 FT	

**NOTES**

- 1) SEE DRAWING DN-01 FOR DRAINAGE NOTES AND PROPOSED DRAINAGE LEGEND.
- 2) SEE DRAWING DP-04 FOR PROPOSED STORM SEWER.



DESIGNED	PJO	REVISED	-
DRAWN	KES	REVISED	-
CHECKED	JCM	REVISED	-
DATE	12/14/2012	REVISED	-

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**PIPE UNDERDRAINS AND UNDERCUT PLAN - ILLINOIS ROUTE 59**

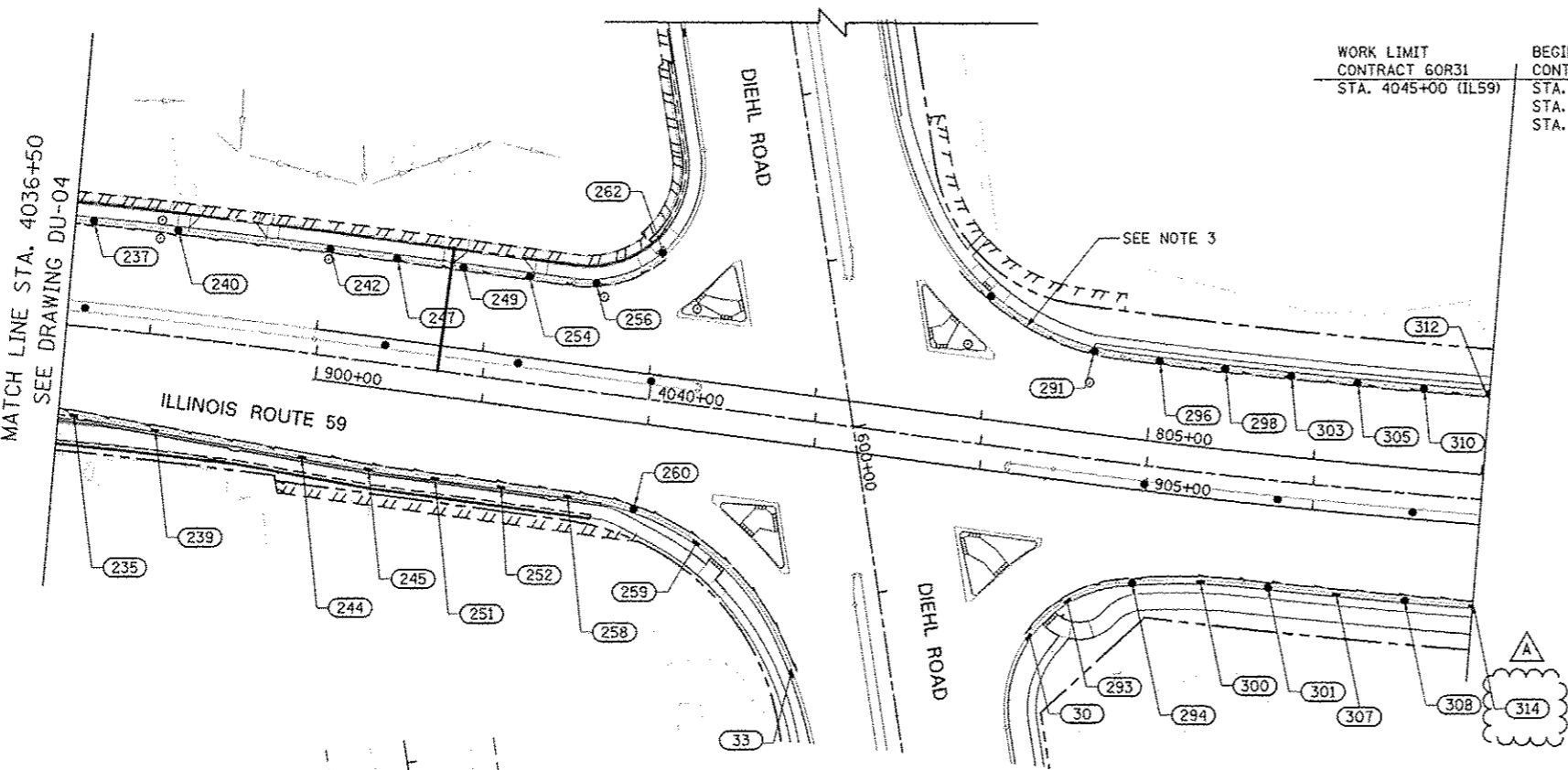
SCALE: AS SHOWN SHEET NO. 4 OF 5 SHEETS STA. 4023+00 TO STA. 4036+50

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
338	(112 & 113) WRS-6	DUPAGE	734	312
<b>DU-04</b>		CONTRACT NO. 60R31		
ILLINOIS FED. AID PROJECT				



SEE BELOW FOR CONTINUATION  
OF DIEHL ROAD (W OF IL59)

MATCH LINE STA. 4036+50  
SEE DRAWING DU-04




WORK LIMIT  
CONTRACT 60R31  
STA. 4045+00 (IL59)

BEGIN WORK  
CONTRACT 60I31  
STA. 4045+00 (IL59)  
STA. 906+99.34 (IL59 NB)  
STA. 807+01 (IL59 SB)

STRUCTURE NUMBER	FROM STATION	OFFSET	TO STRUCTURE NUMBER	STATION	OFFSET	LENGTH IN FEET	DIAMETER IN INCHES
242	4038+00.00	63.00 LT	240	4037+10.00	63.00 LT	88	4
240	4037+10.00	63.00 LT	237	4036+60.00	63.00 LT	46	4
242	4038+00.00	63.00 LT	247	4038+40.00	63.00 LT	36	4
247	4038+40.00	63.00 LT	249	4038+80.00	63.00 LT	36	4
249	4038+80.00	63.00 LT	254	4039+20.00	63.00 LT	36	4
254	4039+20.00	63.00 LT	256	4039+60.00	64.36 LT	36	4
256	4039+60.00	64.36 LT	262	4039+98.00	86.20 LT	41	4
START	4041+73.90	100.40 LT	291	4042+60.00	63.95 LT	94	4
291	4042+60.00	63.95 LT	296	4043+00.00	63.00 LT	36	4
296	4043+00.00	63.00 LT	298	4043+40.00	63.00 LT	36	4
298	4043+40.00	63.00 LT	303	4043+80.00	63.00 LT	36	4
303	4043+80.00	63.00 LT	305	4044+20.00	63.00 LT	36	4
305	4044+20.00	63.00 LT	310	4044+60.00	63.00 LT	36	4
310	4044+60.00	63.00 LT	312	4045+00.00	63.00 LT	36	4
244	4038+00.00	60.98 RT	239	4037+10.00	56.00 RT	88	4
239	4037+10.00	56.00 RT	235	4036+60.00	52.44 RT	48	4
244	4038+00.00	60.98 RT	245	4038+40.00	62.83 RT	38	4
245	4038+40.00	62.83 RT	251	4038+80.00	63.00 RT	38	4
251	4038+80.00	63.00 RT	252	4039+20.00	63.00 RT	38	4
252	4039+20.00	63.00 RT	258	4039+60.00	63.00 RT	38	4
258	4039+60.00	63.00 RT	260	4040+00.00	65.94 RT	40	4
260	4040+00.00	65.94 RT	259	4040+40.00	80.11 RT	40	4
259	4040+40.00	80.11 RT	33	601+39.50	57.70 RT	98	4
START	4043+21.70	63.90 RT	294	4043+00.00	69.65 RT	21	4
294	4043+00.00	69.65 RT	293	4042+60.00	85.20 RT	40	4
293	4042+60.00	85.20 RT	30	601+40.00	84.64 LT	31	4
START	4043+21.70	63.90 RT	300	4043+40.00	63.99 RT	17	4
300	4043+40.00	63.99 RT	301	4043+80.00	63.00 RT	38	4
301	4043+80.00	63.00 RT	307	4044+20.00	63.00 RT	38	4
307	4044+20.00	63.00 RT	308	4044+60.00	63.00 RT	38	4
308	4044+60.00	63.00 RT	314	4045+00.00	61.00 RT	38	4
						SUBTOTAL	1,357 FT

STA. 583+50 TO STA. 584+50  
REMOVAL & DISPOSAL OF UNSUITABLE MATERIAL,  
206 CU YD; AND  
AGGREGATE SUBGRADE IMPROVEMENT, 206 CY YD  
(SEE NOTES 4 & 5)

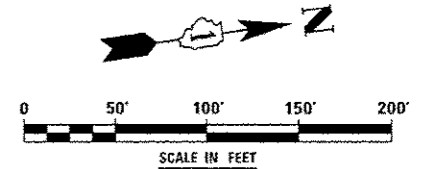
LEGEND

 UNDERCUT AREA  
SEE CROSS-SECTIONS FOR INFORMATION

NOTES

- SEE DRAWING DN-01 FOR DRAINAGE NOTES AND PROPOSED DRAINAGE LEGEND.
- SEE DRAWINGS DP-05 AND DP-07 FOR PROPOSED STORM SEWER.
- UNDERDRAIN AS INDICATED SHALL BE BACK-PITCHED TO STRUCTURE AS SHOWN.
- AGGREGATE SUBGRADE IMPROVEMENT 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 AGGREGATE SUBGRADE IMPROVEMENT 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 OF THE STANDARD SPECIFICATIONS AND THE UNDERCUT GUIDELINES IN THE IDOT SUBGRADE STABILITY MANUAL. IF UNSTABLE AND/OR UNSUITABLE MATERIAL IS NOT ENCOUNTERED AT THE TIME OF CONSTRUCTION, THEN THE QUANTITY SHALL BE DEDUCTED AND NO ADDITIONAL COMPENSATION WILL BE DUE TO THE CONTRACTOR.
- SEE EARTHWORK SCHEDULE FOR ADDITIONAL INFORMATION REGARDING QUANTITY.

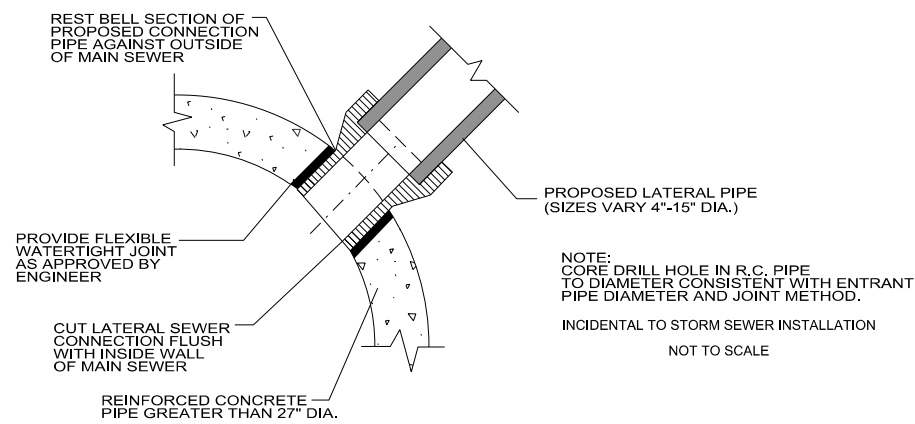
4 INCH
TOTAL 11,683 FT



CONTINUATION OF DIEHL ROAD  
(W OF IL59)

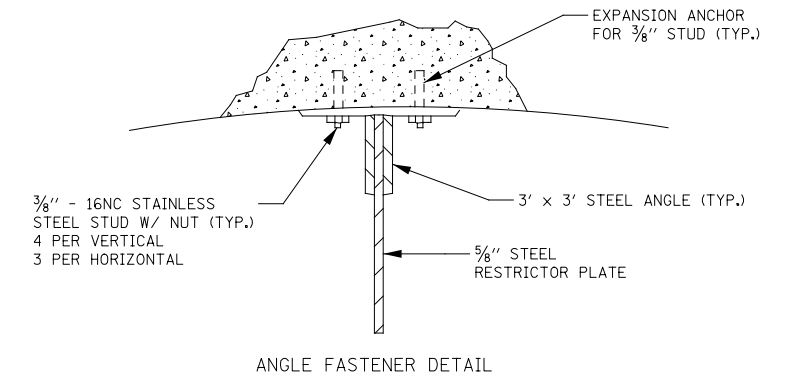
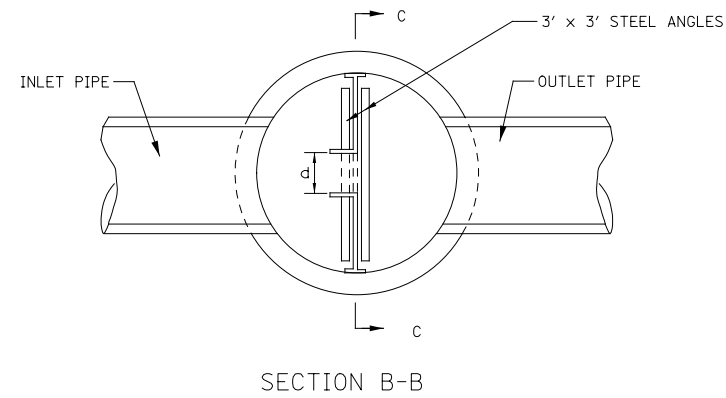
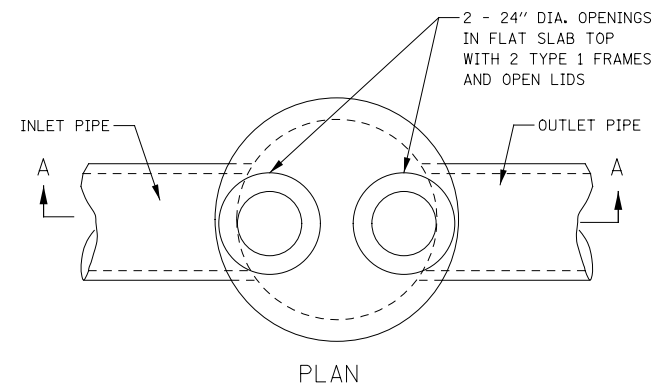
PLAN	SURVEYED	BY	DATE
NOTE BOOK NO.	PLOTTED		
	CHECKED		
	BY		
	FILE NAME		

PROFILE	SURVEYED	BY	DATE
NOTE BOOK NO.	GRADES CHECKED		
	STRUCTURE NOT AT THIS CHKD		



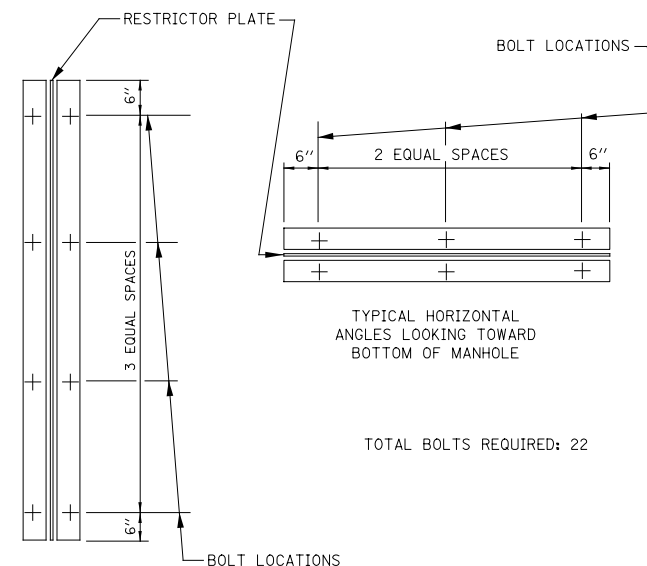
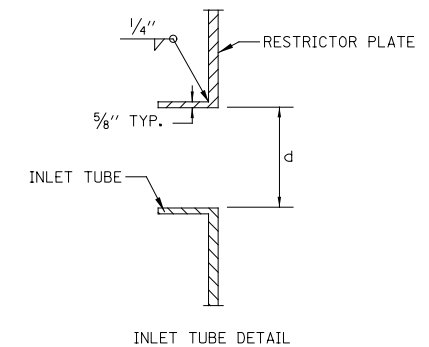
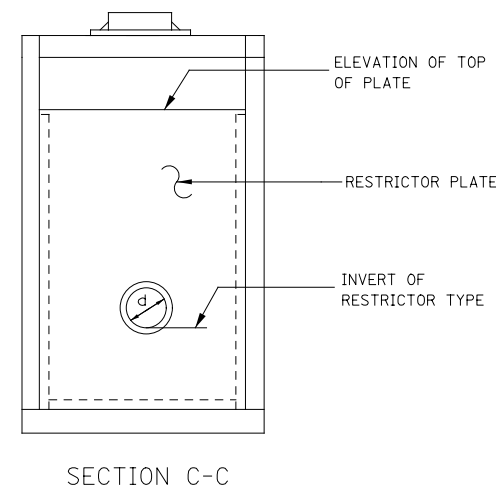
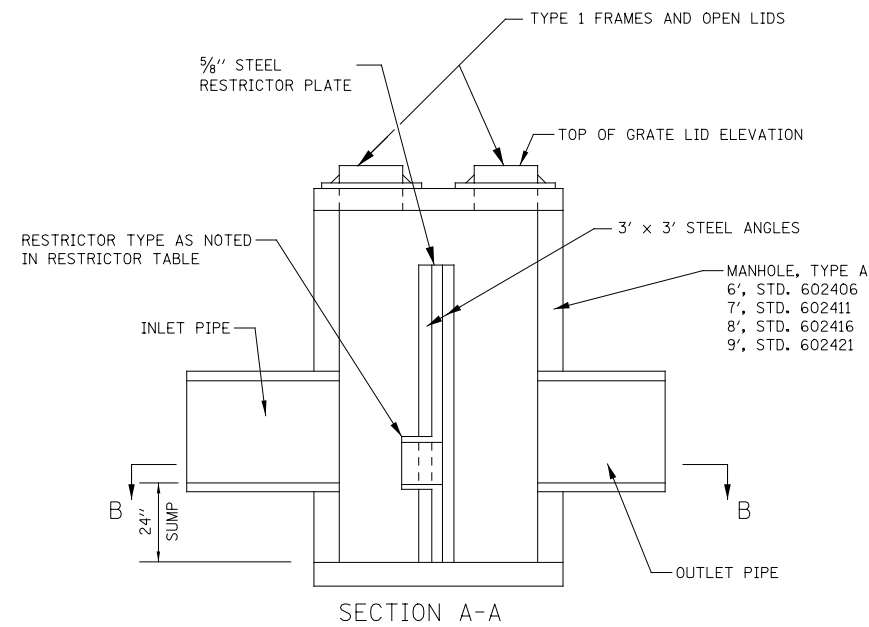
**DIRECT CONNECTION DETAIL**

DESIGNED	JWM	REVISED	-	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>DRAINAGE DETAILS</b>	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
DRAWN	KES	REVISED	-			338	(112 & 113) WRS-7	DUPAGE	734	314	
CHECKED	JRS	REVISED	-			<b>DD-01</b>		CONTRACT NO. 60R31			
DATE	12/14/2012	REVISED	-			FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT			
				SCALE: NONE		SHEET NO. 1 OF 2 SHEETS		STA.		TO STA.	



**NOTES:**

1. ANGLES SHOULD BE 3"x3"x3#8"
2. VERTICAL ANGLES SHOULD EXTEND FROM THE BOTTOM OF THE RESTRICTOR PLATE TO THE TOP.
3. HORIZONTAL ANGLES SHOULD EXTEND FROM VERTICAL ANGLE TO VERTICAL ANGLE.
4. ALL STEEL ANGLES AND PLATES TO BE GALVANIZED AFTER FABRICATION.
5. BASIS OF PAYMENT: "MANHOLES, WITH RESTRICTOR PLATE" WILL BE PAID FOR AS EACH. THE PAY ITEM SHALL INCLUDE THE CONCRETE MANHOLE, THE FRAMES AND LIDS, THE RESTRICTOR PLATE AND ALL ANGLES AND HARDWARE SHOWN IN THIS DRAWING.



1	2	3	4	5	6
RE-ENTRANT TUBE	SHARP EDGES	SQUARE EDGED	RE-ENTRANT TUBE	SQUARE EDGED	ROUNDED
LENGTH 1/2 TO 1 DIA.		LENGTH 1 TO 2 DIA.	LENGTH 2-1/2 DIA.	LENGTH 2-1/2 DIA.	
C=.52	C=.61	C=.61	C=.73	C=.82	C=.98

VALUES OF "C" FOR CIRCULAR AND SQUARE ORIFICES

STR NO.*	PAY ITEM	MANHOLE DIAMETER	FRAME AND LID	RESTRICTOR TYPE	RESTRICTOR DIAMETER (d)	INVERT OF RESTRICTOR	ELEVATION OF TOP OF PLATE OVERFLOW
901	MANHOLES, TY A, 6'-DIA.W/ 2 TY1 FR, OPEN LIDS, RESTRICTOR PLATE	6'	T10L	2	15.5"	700.28	708.94
68	MANHOLES, TY A, 6'-DIA.W/ 2 TY1 FR, OPEN LIDS, RESTRICTOR PLATE	6'	T10L	2	19.0"	695.25	697.70

\* REFER TO PROPOSED STRUCTURE SCHEDULE FOR STRUCTURE STATION, OFFSET, RIM ELEVATION, AND INVERTS.









**GENERAL NOTES**

1. FOR PROPOSED LIGHTING INFORMATION, SEE LIGHTING PLANS.
2. FOR DRAINAGE INFORMATION, SEE DRAINAGE PLAN/PROFILE.
3. SEE REMOVAL PLANS FOR REMOVAL OF EXISTING WATER MAIN ITEMS.
4. FOR SANITARY SEWER INFORMATION, SEE SANITARY PLAN/PROFILE.
5. SEE REMOVAL PLANS FOR FIRE HYDRANTS TO BE MOVED, RELOCATED OR REMOVED.
6. SEE IDOT STANDARD 000001-06 FOR DEFINITION OF ADDITIONAL SYMBOLS.
7. ALL FITTINGS, STOPS, VALVES, & PIPE SHALL BE WRAPPED WITH POLYETHYLENE ENCASEMENT. SEE WATER MAIN DETAILS.
8. WATER MAIN JOINTS SHALL BE PUSH-ON RUBBER GASKET JOINTS EXCEPT AT VALVE, SLEEVE AND FITTING LOCATIONS. MECHANICAL JOINTS SHALL BE USED AT VALVE, SLEEVE, AND FITTING LOCATIONS AS INDICATED IN THE STANDARD DRAWING DETAILS.
9. CONCRETE THRUST BLOCKS SHALL BE USED TO PREVENT MOVEMENT OF THE WATER MAIN SYSTEM. CONCRETE THRUST BLOCKS SHALL BE CONSTRUCTED AT EACH BEND, TEE, CAP, VALVE AND HYDRANT. SEE CITY OF NAPERVILLE STANDARD DETAIL 6 "THRUST BLOCK INSTALLATION."
10. WHERE CONDITIONS PREVENT THE USE OF CONCRETE THRUST BLOCKS, TIED JOINTS OR RESTRAINED JOINTS IN ACCORDANCE WITH THE SPECIAL PROVISIONS SHALL BE USED. TIED OR RESTRAINED JOINTS SHALL NOT BE PAID FOR SEPARATELY, BUT SHALL BE INCLUDED WITH THE COST OF CONCRETE THRUST BLOCKS.
11. CUT AND CAP EXISTING WATER MAIN SHALL NOT BE PAID FOR SEPARATELY BUT IS INCLUDED WITH ABANDON EXISTING WATER MAIN, FILL WITH CLSM.
12. THE CONTRACTOR SHALL BE REQUIRED TO PROVIDE RECORD DRAWINGS WITH SURVEYED GPS COORDINATES AND ELEVATIONS FOR ALL STRUCTURES INSTALLED INCLUDING VALVE VAULTS, FIRE HYDRANTS, DOMESTIC WATER SERVICE BOXES, AND MANHOLES. THE COORDINATES SHALL CONFORM TO THE PROJECT DATUM DEFINED IN THE ALIGNMENT, BENCHMARK AND TIES PLANS. ACTUAL INSTALLED ELEVATIONS AND LOCATIONS OF BENDS AND FITTINGS SHALL BE DETERMINED AND RECORDED ON THE RECORD DRAWINGS. LOCATIONS FOR BENDS SHALL HAVE ONE MEASUREMENT ALONG THE CENTERLINE OF THE WATER MAIN OR ELECTRIC DUCT BANK AND A MINIMUM OF ONE ADDITIONAL MEASUREMENT FROM ANOTHER FIXED POINT. TOP OF PIPE ELEVATIONS OF ALL UTILITIES OR CASING PIPE AT PROPOSED CROSSINGS SHALL BE SHOWN ON THE RECORD DRAWINGS. ALL DEVIATIONS FROM THE PROPOSED PLAN SHALL ALSO BE NOTED WITHIN THE RECORD DRAWINGS. DIMENSIONS SHALL BE RECORDED ON THE RECORD DRAWINGS. RECORD DRAWINGS SHALL BE KEPT UP TO DATE THROUGHOUT THE CONSTRUCTION. THIS WORK WILL NOT BE PAID FOR SEPARATELY, BUT SHALL BE INCLUDED IN THE CONTRACT UNIT PRICE FOR THE VARIOUS DUCTILE IRON WATER MAIN PAY ITEMS.
13. VAULTS SHALL BE CONSTRUCTED OF PRECAST CONCRETE SECTIONS CONFORMING TO ASTM C-478 AND IN ACCORDANCE TO THE DETAIL PROVIDED. ITS FRAME AND LID SHALL BE AS INDICATED IN THE PLAN DETAILS. SEE STANDARD DRAWINGS FOR FURTHER INFORMATION.
14. WHEN CONNECTING TO AN EXISTING LINE, WORK MUST BE COORDINATED WITH THE MUNICIPALITY'S DEPARTMENT OF PUBLIC UTILITIES WITH 48 HOURS NOTICE (630)-420-4122. PERSONNEL FROM THE DEPARTMENT OF PUBLIC UTILITIES ARE THE ONLY ONES WHO ARE TO OPERATE WATER MAIN VALVES. WHEN WATER IS NEEDED TO CHLORINATE NEW LINES FROM ADJACENT CITY MAINS WHICH ARE IN SERVICE, DEPARTMENT OF PUBLIC UTILITIES PERSONNEL MUST BE PRESENT TO OPERATE OR WITNESS THE CONTRACTOR OPERATION OF EXISTING CITY VALVES.
15. WHEN EXTENDING AN EXISTING LINE, THE CONTRACTOR MUST CHLORINATE AND PRESSURE TEST BOTH NEW AND VALVED SECTION OF EXISTING LINES IN ACCORDANCE WITH CITY OF NAPERVILLE STANDARDS.

16. CONNECTIONS TO EXISTING WATER MAIN SHALL BE MADE AT AN EXISTING JOINT. EXCEPT WHERE SHOWN ON THE PLANS, ANY ADDITIONAL SLEEVES, FITTINGS, COUPLINGS, OR OTHER APPURTENANCES NEEDED TO CONNECT EXISTING WATER MAIN TO PROPOSED WATER MAIN WILL NOT BE PAID FOR SEPARATELY, BUT SHALL BE INCLUDED IN THE COST OF DUCTILE IRON WATER MAIN. REMOVAL OF EXISTING WATER MAIN LIMITS SHALL BE ADJUSTED AND PAID ACCORDINGLY.

17. AT&T AND NICOR FACILITIES ARE TO REMAIN AND WILL NOT BE RELOCATED FROM WHAT IS SHOWN ON THE PLANS. IN THE EVENT THAT A CONFLICT ARISES DURING CONSTRUCTION BETWEEN ANY FACILITY AND THE PROPOSED WATER MAIN FACILITY, THE CONTRACTOR SHALL NOTIFY THE ENGINEER. ANY CHANGE TO THE PROPOSED WATER MAIN DESIGN FROM THAT SHOWN ON THE PLANS MUST BE APPROVED BY THE ENGINEER PRIOR TO CONSTRUCTION.

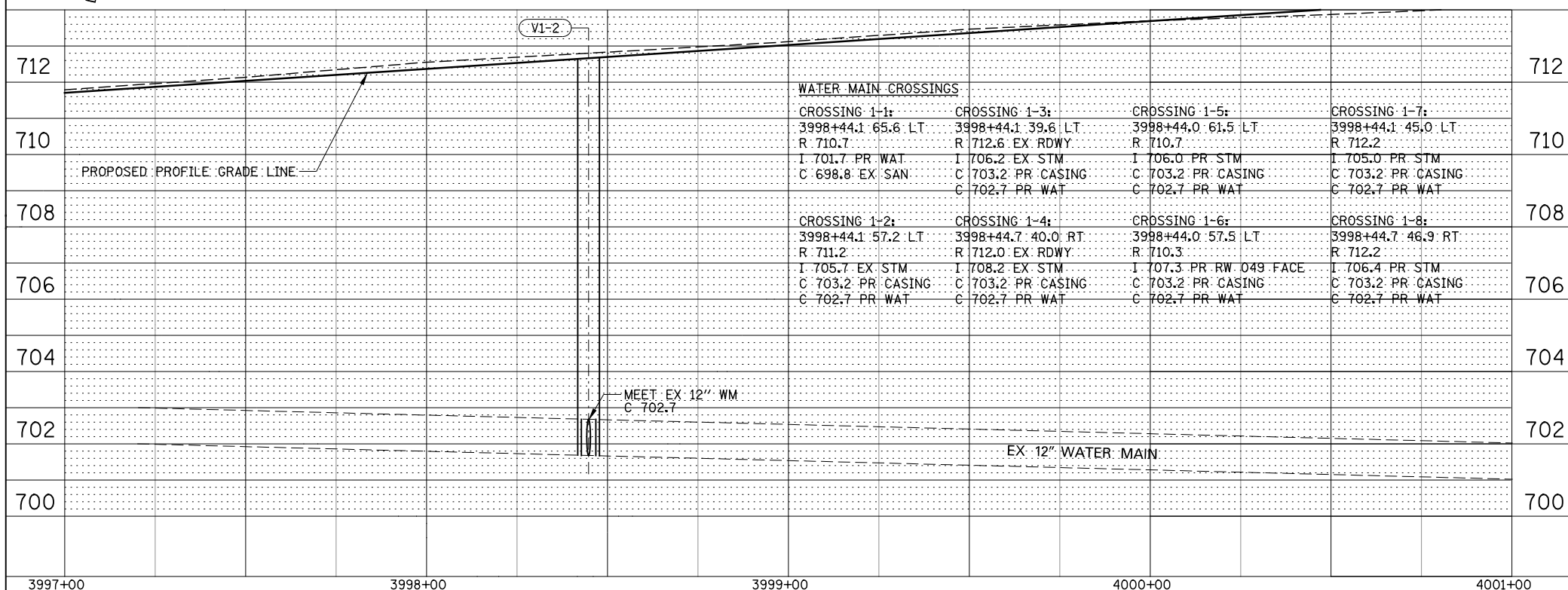
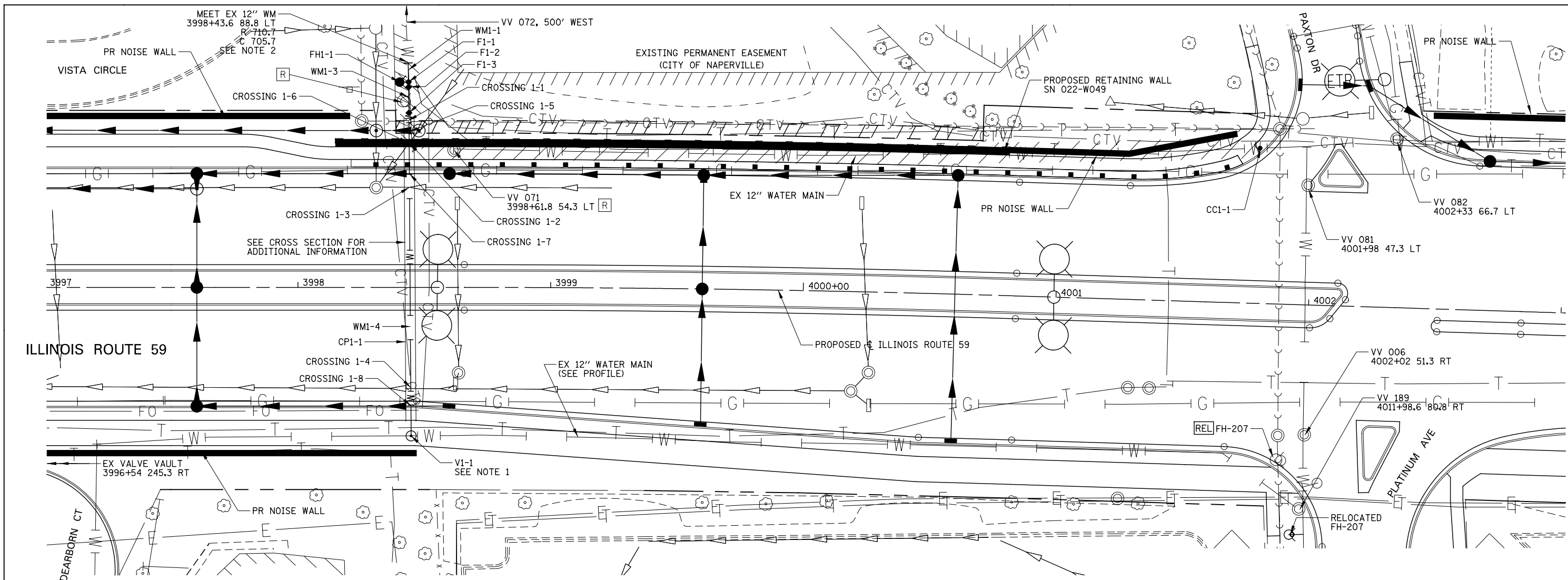
**LEGEND**

-  DOMESTIC WATER SERVICE BOX
-  WATER MAIN FITTING
-  WATER MAIN VALVE
-  WATER MAIN REDUCER
-  CUT AND CAP EXISTING WATER MAIN
-  WATER MAIN LINE STOP
-  ABANDON EXISTING WATER MAIN, FILL WITH CLSM
-  WATER MAIN REMOVAL
- N ELEVATION AT FIRE HYDRANT NOZZLE CAP
- R ELEVATION AT RIM (PR GROUND LINE)
- C ELEVATION AT PIPE CROWN
- I ELEVATION AT PIPE INVERT
- VM VERTICAL MOUNT (VERTICAL CHANGE IN PIPE AT INDICATED FITTING)

	DESIGNED <i>CEO</i>	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>WATER MAIN GENERAL NOTES AND LEGEND</b>	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
	DRAWN <i>CMW</i>	REVISED -			338	(112 & 113) WRS-6	DUPAGE	734	316	
	CHECKED <i>JCM</i>	REVISED -			<b>WAT GN-1</b>					
	DATE <i>12/14/2012</i>	REVISED -			CONTRACT NO. 60R31					
				SCALE: AS SHOWN	SHEET NO. 1 OF 1 SHEETS	STA.	TO STA.			
ILLINOIS FED. AID PROJECT										

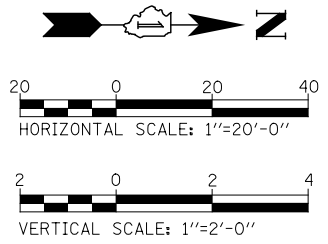
PLAN	SURVEYED	DATE
	PLOTTED	BY
	CHECKED	
	ALIGNED	
	FILED	
	NO. _____	
	NAME _____	

PROFILE	SURVEYED	DATE
	PLOTTED	BY
	CHECKED	
	GRADES	
	STRUCTURE	
	NOTATIONS	
	CHKD	
	NO. _____	
	NAME _____	



WATER MAIN CROSSINGS			
CROSSING 1-1:	CROSSING 1-3:	CROSSING 1-5:	CROSSING 1-7:
3998+44.1 65.6 LT	3998+44.1 39.6 LT	3998+44.0 61.5 LT	3998+44.1 45.0 LT
R 710.7	R 712.6 EX RDWY	R 710.7	R 712.2
I 701.7 PR WAT	I 706.2 EX STM	I 706.0 PR STM	I 705.0 PR STM
C 698.8 EX SAN	C 703.2 PR CASING	C 703.2 PR CASING	C 703.2 PR CASING
	C 702.7 PR WAT	C 702.7 PR WAT	C 702.7 PR WAT
CROSSING 1-2:	CROSSING 1-4:	CROSSING 1-6:	CROSSING 1-8:
3998+44.1 57.2 LT	3998+44.7 40.0 RT	3998+44.0 57.5 LT	3998+44.7 46.9 RT
R 711.2	R 712.0 EX RDWY	R 710.3	R 712.2
I 705.7 EX STM	I 708.2 EX STM	I 707.3 PR RW 049 FACE	I 706.4 PR STM
C 703.2 PR CASING	C 703.2 PR CASING	C 703.2 PR CASING	C 703.2 PR CASING
C 702.7 PR WAT	C 702.7 PR WAT	C 702.7 PR WAT	C 702.7 PR WAT

- WATER MAIN PIPE**
- WMI-1 7' D I WATER MAIN 12
  - WMI-2 NOT USED
  - WMI-3 6' D I WATER MAIN 12
  - WMI-4 129" D I WATER MAIN 12
- WATER MAIN VALVES**
- V1-1 TAP VALVE & SLEEVE 12 VV TA 6 DIA TIF CL 3998+44.8 58.7 RT, R 712.5, C 702.7
- WATER MAIN CASING PIPE**
- CPI-1 120' STL CAS P BOR/JKD 24 TRENCH BACKFILL 130.9 CU YD
- WATER MAIN FITTINGS**
- F1-1 DI WAT MN TEE, 12X6 3998+43.8 81.2 LT, R 710.5, C 705.5
  - F1-2 DI WT MNF 12 22.50 DB VM 3998+43.8 79.2 LT, R 710.5, C 705.5
  - F1-3 DI WT MNF 12 22.50 DB VM 3998+43.9 71.2 LT, R 710.8, C 702.7
- CUT & CAP WATER MAIN**
- CC1-1 CUT & CAP EX 12" WM 4001+78.9 61.4 LT, R 713.2, C 704.0
- FIRE HYDRANTS**
- FH1-1 FIRE HYD W/ AUX V & VB 3998+40.4 79.0 LT, N 712.5, R 710.5, C 705.5
  - FH-207 SEE REMOVAL PLANS.
- NOTES**
- MAKE PRESSURE CONNECTION IN VAULT. SEE STANDARD DETAIL FOR MORE INFORMATION. PRESSURE CONNECTION INCLUDED WITH COST OF TAPPING VALVE AND SLEEVE.
  - MEET EXISTING WITH NON-PRESSURE CONNECTION. ALL WORK INCLUDED IN COST OF DUCTILE WATER MAIN.





**WATER MAIN PIPE**

- WM2-1 2' D I WATER MAIN 12 TRENCH BACKFILL 2.7 CU YD
- WM2-2 3' D I WATER MAIN 12 TRENCH BACKFILL 3.9 CU YD
- WM2-3 9' D I WATER MAIN 12 TRENCH BACKFILL 11.6 CU YD
- WM2-4 (13') D I WATER MAIN 12 TRENCH BACKFILL (11.8) CU YD
- WM2-5 (29') D I WATER MAIN 12 TRENCH BACKFILL (16.2) CU YD
- WM2-6 18' D I WATER MAIN 12 TRENCH BACKFILL (9.8) CU YD
- WM2-7 116' D I WATER MAIN 12 TRENCH BACKFILL (70.8) CU YD

**WATER MAIN FITTINGS**

- WM2-8 17' D I WATER MAIN 6 TRENCH BACKFILL 20.4 CU YD
- WM2-9 (24') D I WATER MAIN 8 TRENCH BACKFILL (12.2) CU YD
- WM2-10 (16') D I WATER MAIN 8 TRENCH BACKFILL (4.3) CU YD
- WM2-11 NOT USED
- WM 2-12 45' DI WATER MAIN 8 TRENCH BACKFILL (21.0) CU YD

**WATER MAIN VALVES**

- V2-1 WATER VALVES 12 VV TA 4 DIA TIF CL 4017+38.0 49.7 RT, R 712.3, C 701.6 WITH 2 INCH COPPER WHIP (INCLUDED WITH COST OF VV)

**FIRE HYDRANTS**

- FH-055 SEE REMOVAL PLANS.
- FH2-2 FIRE HYD W/AUX V & VB 4017+81.6 53.2 RT, N 714.4, R 712.4, C 707.4

**CUT & CAP WATER MAIN**

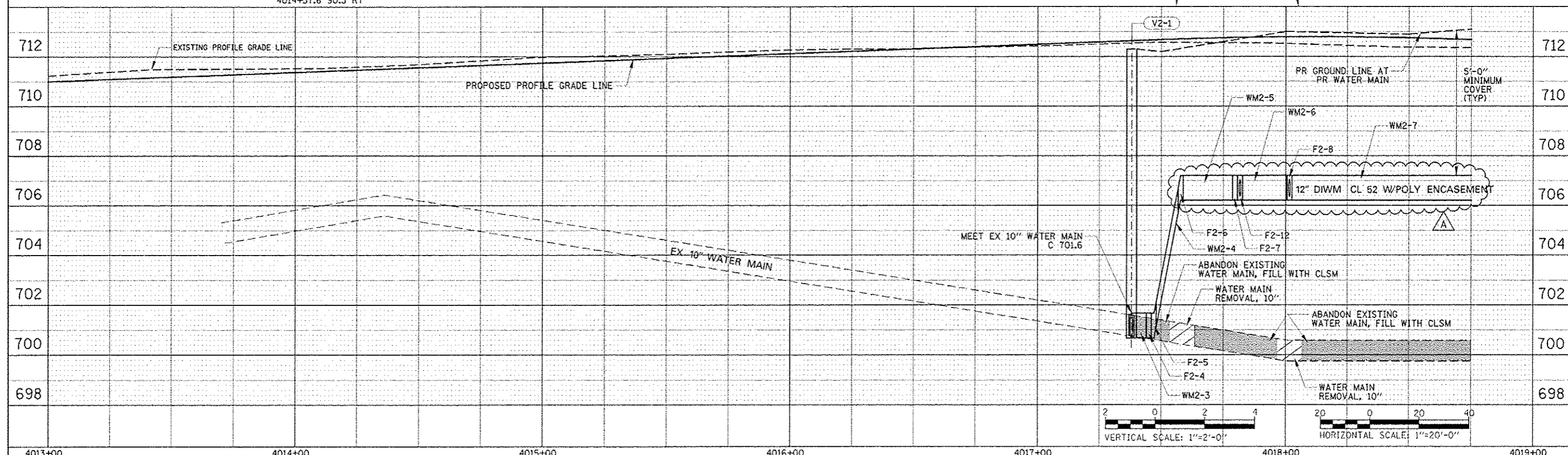
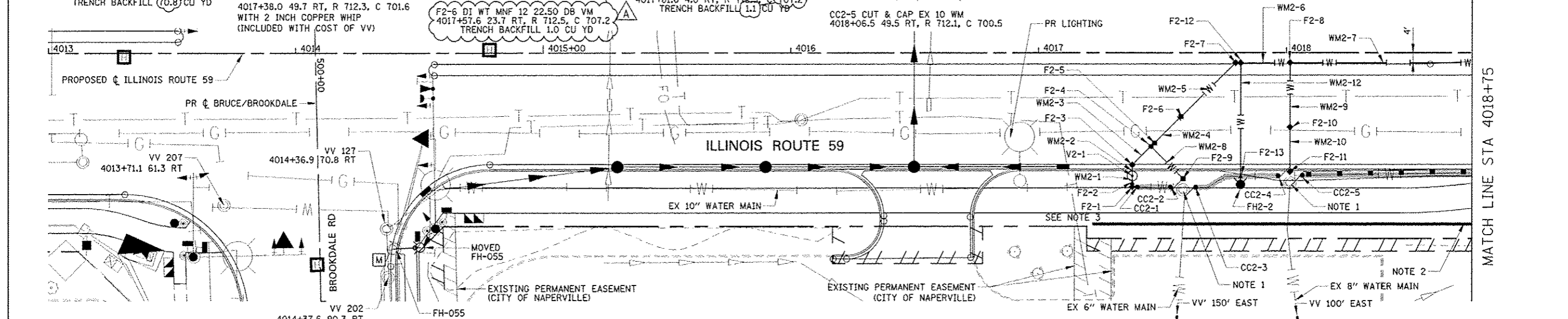
- CC2-1 CUT & CAP EX 10 WM 4017+39.0 54.2 RT, R 712.5, C 701.6
- CC2-2 CUT & CAP EX 10 WM 4017+53.5 54.2 RT, R 712.4, C 701.6
- CC2-3 CUT & CAP EX 10 WM 4017+63.5 54.3 RT, R 712.5, C 701.6
- CC2-4 CUT & CAP EX 10 WM 4017+96.7 49.6 RT, R 712.3, C 700.6
- CC2-5 CUT & CAP EX 10 WM 4018+06.5 49.5 RT, R 712.1, C 700.5

**NOTES**

- DRILL THROUGH EXISTING MANHOLES. COST IS INCIDENTAL TO WATER MAIN PAY ITEMS. EXISTING VALVE & VAULT TO REMAIN. SEE REMOVAL PLANS.
- EXISTING RETAINING WALL SN 022-W052, CONSTRUCTED IN CONTRACT 60P42.
- MAKE NON-PRESSURE CONNECTION AT FITTING. ALL WORK INCLUDED WITH COST OF FITTING.

PLAN	DATE	BY
NOTE BOOK	NO.	NO.
DATE FILED	NO.	NO.

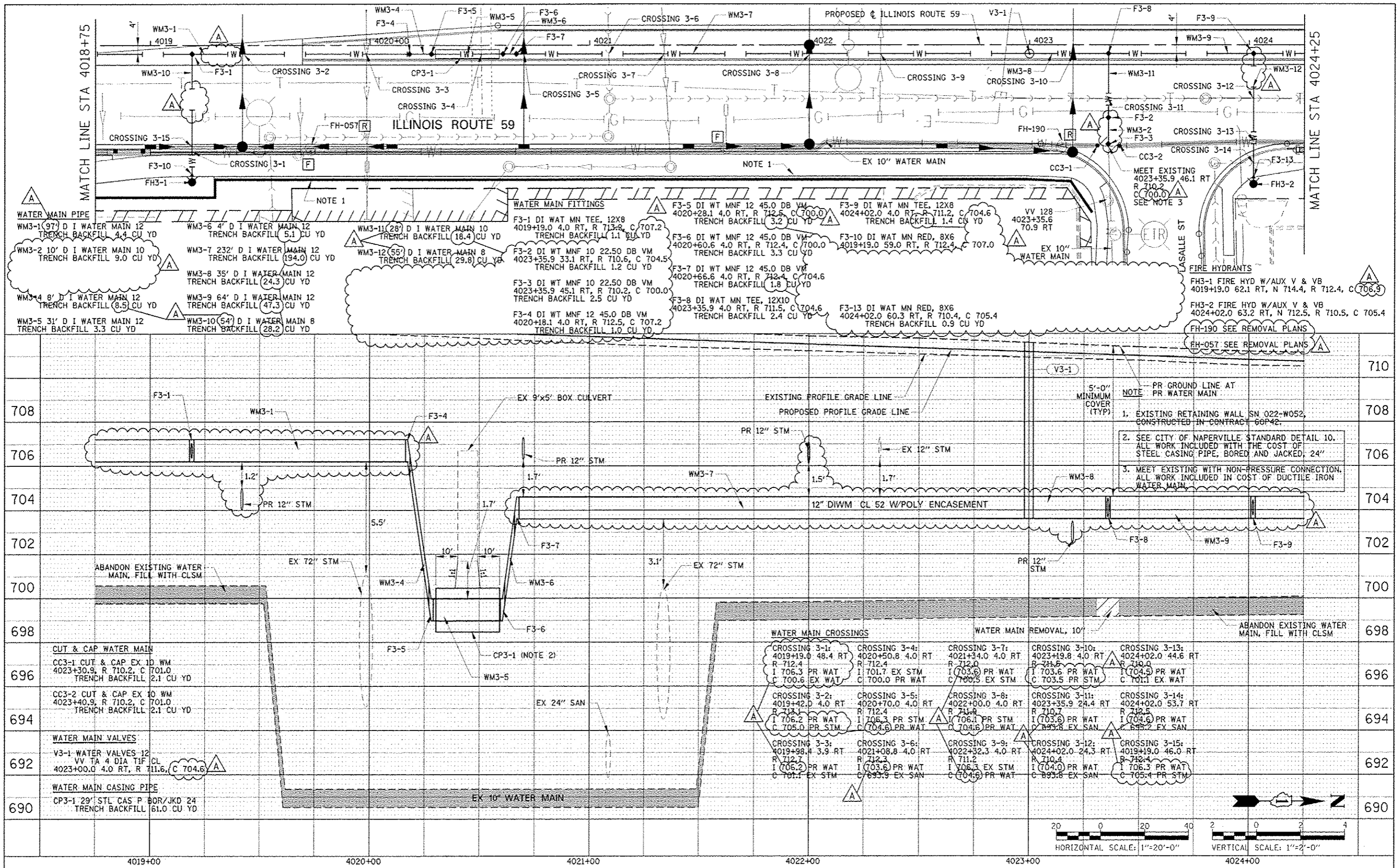
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NOTE BOOK	NO.	NO.
DATE FILED	NO.	NO.



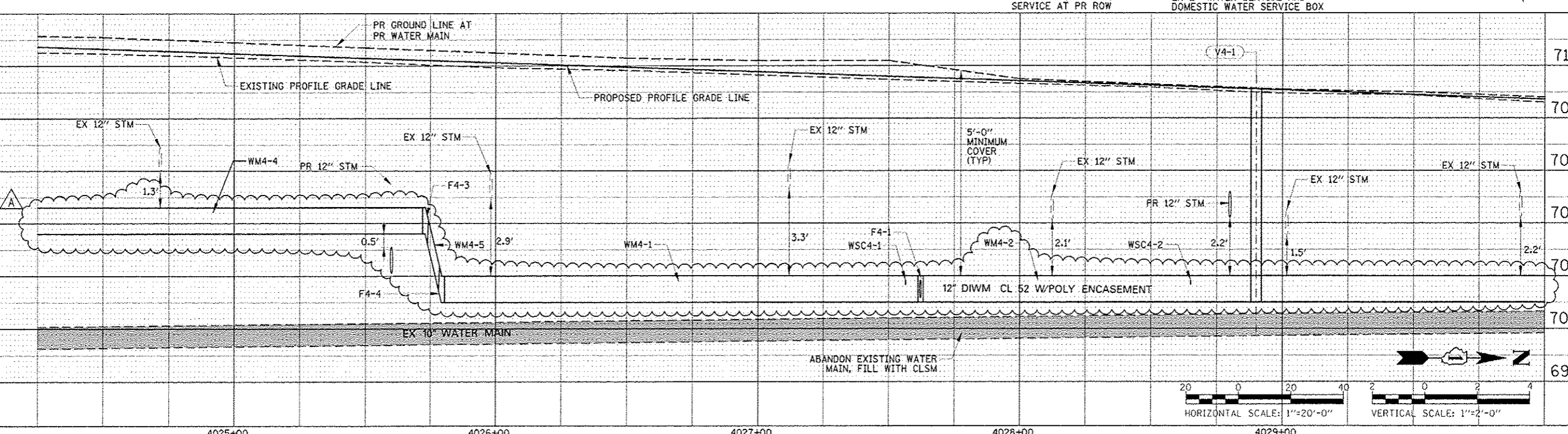
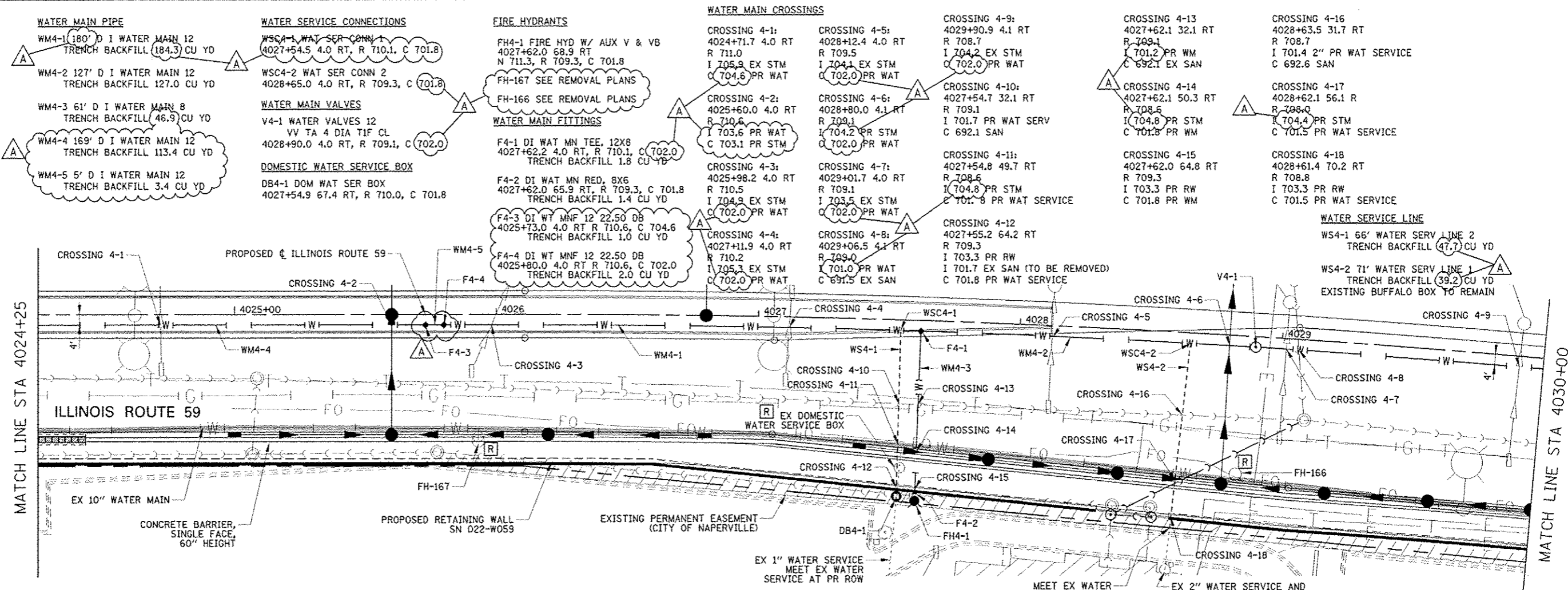
DESIGNED: <i>CEO</i>	REVISED - ADDENDUM A 02/22/2013	<b>STATE OF ILLINOIS</b> <b>DEPARTMENT OF TRANSPORTATION</b>	<b>WATER MAIN PLAN AND PROFILE</b>		F.A.P. RTE. 338	SECTION (112 & 113) WRS-6	COUNTY DUPAGE	TOTAL SHEETS 734	SHEET NO. 318
DRAWN: <i>CMW</i>	REVISED -				CONTRACT NO. 60R31 WAT PP-2 FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				
CHECKED: <i>JCM</i>	REVISED -								
DATE: <i>12/14/2012</i>	REVISED -								

PLAN	DATE
DESIGNED	BY
DRAWN	BY
CHECKED	BY
DATE	

PROFILE	DATE
DESIGNED	BY
DRAWN	BY
CHECKED	BY
DATE	



DESIGNED	CEO	REVISED - ADDENDUM A 02/22/2013	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	WATER MAIN PLAN AND PROFILE	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
DRAWN	CMW	REVISED -			338	(112 & 113) WRS-6	DUPAGE	734	319
CHECKED	JCM	REVISED -			WAT PP-3 CONTRACT NO. 60R31				
DATE	12/14/2012	REVISED -			FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				



PLAN	DATE
REVISED	BY
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PROFILE	DATE
REVISED	BY
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DESIGNED	CEG	REVISED - ADDENDUM A 02/22/2013
DRAWN	CMW	REVISED -
CHECKED	JCM	REVISED -
DATE	12/14/2012	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**WATER MAIN PLAN AND PROFILE**  
SCALE: AS SHOWN SHEET NO. 4 OF 6 SHEETS STA. 4024+25 TO STA. 4030+00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
338	(112 & 113) WRS-6	DUPAGE	734	320
WAT PP-4		CONTRACT NO. 60R31		
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				

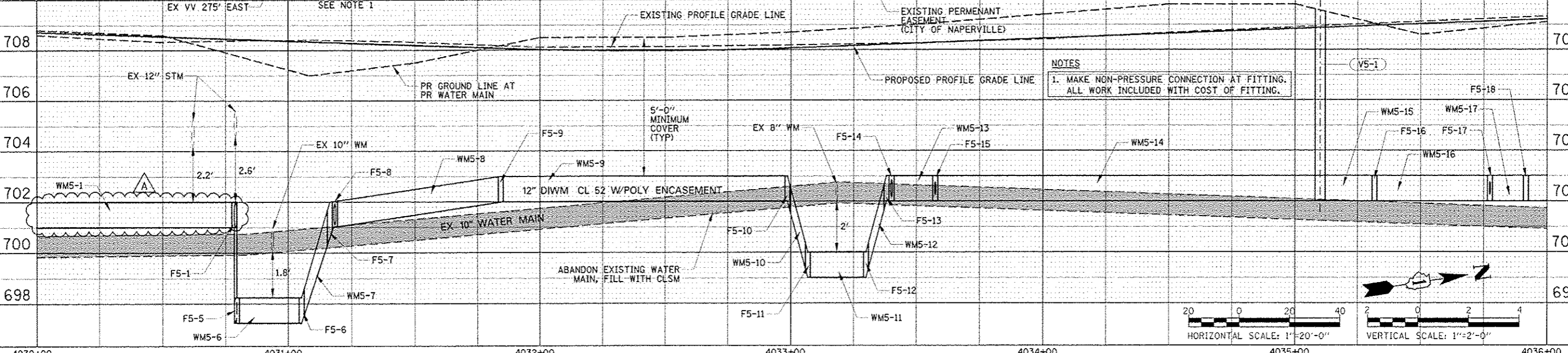
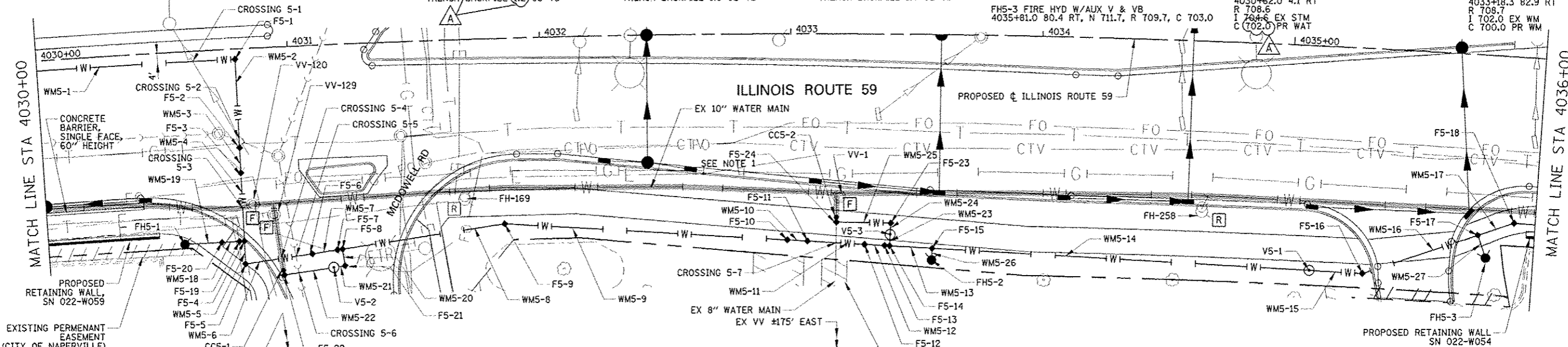


**WATER MAIN PIPE**

- WM5-1 18" D I WATER MAIN 12 TRENCH BACKFILL (138.8) CU YD
- WM5-2 (34) D I WATER MAIN 12 TRENCH BACKFILL (21.5) CU YD
- WM5-3 8" D I WATER MAIN 12 TRENCH BACKFILL (7.6) CU YD
- WM5-4 25" D I WATER MAIN 12 TRENCH BACKFILL 28.3 CU YD
- WM5-5 7" D I WATER MAIN 12 TRENCH BACKFILL 9.7 CU YD
- WM5-6 25" D I WATER MAIN 12 DEFLECT PIPE ±6" TRENCH BACKFILL 27.8 CU YD
- WM5-7 8" D I WATER MAIN 12 TRENCH BACKFILL 6.1 CU YD
- WM5-8 64" D I WATER MAIN 12 TRENCH BACKFILL 33.6 CU YD
- WM5-9 111" D I WATER MAIN 12 TRENCH BACKFILL 88.0 CU YD
- WM5-10 6" D I WATER MAIN 12 TRENCH BACKFILL 6.2 CU YD
- WM5-11 21" D I WATER MAIN 12 TRENCH BACKFILL 26.7 CU YD
- WM5-12 6" D I WATER MAIN 12 TRENCH BACKFILL 6.4 CU YD
- WM5-13 16" D I WATER MAIN 12 TRENCH BACKFILL 13.5 CU YD
- WM5-14 148" D I WATER MAIN 12 TRENCH BACKFILL 125.1 CU YD
- WM5-15 20" D I WATER MAIN 12 TRENCH BACKFILL 17.2 CU YD
- WM5-16 47" D I WATER MAIN 12 TRENCH BACKFILL 39.70 CU YD
- WM5-17 14" D I WATER MAIN 12 TRENCH BACKFILL 11.5 CU YD
- WM5-18 5" D I WATER MAIN 6 TRENCH BACKFILL 4.3 CU YD
- WM5-19 12" D I WATER MAIN 6 TRENCH BACKFILL 7.2 CU YD
- WM5-20 5" D I WATER MAIN 10 TRENCH BACKFILL 2.3 CU YD

- WM5-21 3" D I WATER MAIN 10 TRENCH BACKFILL 1.7 CU YD
  - WM5-22 19" D I WATER MAIN 10 TRENCH BACKFILL 12.3 CU YD
  - WM5-23 3" D I WATER MAIN 8 TRENCH BACKFILL 2.2 CU YD
  - WM5-24 3" D I WATER MAIN 8 TRENCH BACKFILL 2.0 CU YD
  - WM5-25 20" D I WATER MAIN 8 DEFLECT PIPE ±1" UP TRENCH BACKFILL 13.5 CU YD
  - WM5-26 2" D I WATER MAIN 6 TRENCH BACKFILL 1.5 CU YD
  - WM5-27 7" D I WATER MAIN 6 TRENCH BACKFILL 5.7 CU YD
- WATER MAIN FITTINGS**
- F5-1 DI WT MNF 12 90.0 DB 4030+79.0 4.1 RT, R 708.4, C 702.0 TRENCH BACKFILL (1.4) CU YD
  - F5-2 DI WT MNF 12 22.50 DB VM 4030+79.0 39.3 RT, R 707.7, C 702.0 TRENCH BACKFILL (1.2) CU YD
  - F5-3 DI WT MNF 12 22.50 DB 4030+79.0 49.3 RT, R 707.5, C 698.2 TRENCH BACKFILL 2.3 CU YD
  - F5-4 DI WAT MN TEE, 12X6 4030+79.0 76.3 RT, R 707.6, C 698.2 TRENCH BACKFILL 2.3 CU YD
  - F5-5 DI WT MNF 12 90.0 DB 4030+79.0 85.3 RT, R 707.8, C 698.2 TRENCH BACKFILL 2.8 CU YD
  - F5-6 DI WT MNF 12 22.50 DB VM 4031+06.3 82.6 RT, R 707.0, C 698.2 TRENCH BACKFILL 2.1 CU YD
  - F5-7 DI WT MNF 12 22.50 DB VM 4031+16.4 81.5 RT, R 707.0, C 702.0 TRENCH BACKFILL 1.0 CU YD
  - F5-8 DI WAT MN TEE, 12X10 4031+18.4 81.3 RT, R 707.1, C 702.0 TRENCH BACKFILL 1.0 CU YD
  - F5-9 DI WT MNF 12 11.25 DB 4031+84.3 73.6 RT, R 708.5, C 703.0 TRENCH BACKFILL 1.6 CU YD
  - F5-10 DI WT MNF 12 22.50 DB VM 4032+98.7 81.8 RT, R 708.7, C 703.0 TRENCH BACKFILL 1.6 CU YD
  - F5-11 DI WT MNF 12 22.50 DB VM 4033+06.8 82.2 RT, R 708.7, C 700.0 TRENCH BACKFILL 2.5 CU YD
  - F5-12 DI WT MNF 12 22.50 DB VM 4033+29.9 83.5 RT, R 708.9, C 700.0 TRENCH BACKFILL 2.6 CU YD
  - F5-13 DI WT MNF 12 22.50 DB VM 4033+38.0 83.9 RT, R 708.9, C 703.0 TRENCH BACKFILL 1.7 CU YD
  - F5-14 DI WAT MN TEE, 12X8 4033+40.1 84.0 RT, R 708.9, C 703.0 TRENCH BACKFILL 1.6 CU YD
  - F5-15 DI WAT MN TEE, 12X6 4033+57.5 84.8 RT, R 709.0, C 703.0 TRENCH BACKFILL 1.7 CU YD
  - F5-16 DI WT MNF 12 22.50 DB 4035+31.7 89.3 RT, R 709.2, C 703.0 TRENCH BACKFILL 1.8 CU YD
  - F5-17 DI WAT MN TEE, 12X6 4035+77.4 71.6 RT, R 708.7, C 703.0 TRENCH BACKFILL 1.6 CU YD
  - F5-18 DI WT MNF 12 22.50 DB 4035+91.6 65.9 RT, R 708.9, C 703.0 TRENCH BACKFILL 1.7 CU YD
  - F5-19 DI WT MNF 6 45.0 DB VM 4030+77.0 76.3 RT, R 707.3, C 698.2 TRENCH BACKFILL 2.3 CU YD
  - F5-20 DI WT MNF 6 45.0 DB VM 4030+69.9 76.3 RT, R 707.6, C 703.0 TRENCH BACKFILL 1.1 CU YD
  - F5-21 DI WT MNF 10 90.0 DB 4031+19.2 87.9 RT, R 707.0, C 702.0 TRENCH BACKFILL 0.9 CU YD
  - F5-22 DI WT MNF 10 90.0 DB 4030+94.5 90.6 RT, R 706.9, C 700.6 TRENCH BACKFILL 1.3 CU YD
  - F5-23 DI WT MNF 8 90.0 DB 4033+40.5 75.0 RT, R 708.0, C 703.0 TRENCH BACKFILL 1.3 CU YD
  - F5-24 DI WT MNF 8 90.0 DB 4033+18.5 74.8 RT, R 708.4, C 702.7 TRENCH BACKFILL 1.4 CU YD

- FHS-169 SEE REMOVAL PLANS
  - FH-258 SEE REMOVAL PLANS
- WATER MAIN VALVES**
- V5-1 WATER VALVES 12 VV TA 4 DIA TIF CL 4035+10.0 89.1 RT, R 708.9, C 703.0
  - V5-2 WATER VALVES 10 VV TA 4 DIA TIF CL 4031+14.6 88.4 RT, R 707.0, C 700.6
  - V5-3 WATER VALVES 8 VV TA 4 DIA TIF CL 4033+40.3 79.5 RT, R 708.6, C 703.0
- CUT & CAP WATER MAIN**
- CC5-1 CUT & CAP EX 10 WM 4030+94.4 89.5 RT, R 706.9, C 700.6 TRENCH BACKFILL 1.3 CU YD
  - CC5-2 CUT & CAP EX 8 WM 4033+18.5 73.8 RT, R 708.4, C 702.7 TRENCH BACKFILL 1.3 CU YD
- FIRE HYDRANTS**
- FHS-1 FIRE HYD W/AUX V & VB 4030+54.8 76.3 RT, N 710.5, R 708.5, C 703.0
  - FHS-2 FIRE HYD W/AUX V & VB 4033+57.3 89.5 RT, N 711.5, R 709.5, C 703.0
  - FHS-3 FIRE HYD W/AUX V & VB 4035+81.0 80.4 RT, N 711.7, R 709.7, C 703.0
- WATER MAIN CROSSINGS**
- CROSSING 5-1: 4030+62.0 4.1 RT R 708.6 I 704.6 EX STM C 702.0 PR WAT
  - CROSSING 5-2: 4030+78.8 36.5 RT R 707.7 I 704.6 EX STM C 702.0 PR WAT C 698.2 EX SAN
  - CROSSING 5-3: 4030+79.0 63.1 RT R 707.2 I 700.1 EX WM C 698.2 PR WM
  - CROSSING 5-4: 4030+93.8 83.9 RT R 706.9 I 699.7 EX WAT C 698.2 PR WAT
  - CROSSING 5-5: 4030+99.6 83.5 RT R 707.0 I 697.2 PR WAT C 692.5 EX SAN
  - CROSSING 5-6: 4031+00 89.9 RT R 706.9 I 698.5 PR WAT C 692.5 EX SAN
  - CROSSING 5-7: 4033+18.3 82.9 RT R 708.7 I 702.0 EX WM C 700.0 PR WM



DESIGNED: <i>CEJ</i>	REVISED - ADDENDUM A 02/22/2013	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	F.A.P. RTE. 338	SECTION (112 & 113) WRS-6	COUNTY DUPAGE	TOTAL SHEETS 734	SHEET NO. 321
DRAWN: <i>CMW</i>	REVISED -		<b>WATER MAIN PLAN AND PROFILE</b>		<b>WAT PP-5</b>		CONTRACT NO. 60R31
CHECKED: <i>JCM</i>	REVISED -		SCALE: AS SHOWN   SHEET NO. 5 OF 6 SHEETS   STA. 4030+00 TO STA. 4036+00		FED. ROAD DIST. NO.   ILLINOIS FED. AID PROJECT		
DATE: 12/14/2012	REVISED -						

**WATER MAIN PIPE**

- WM6-1 165' D I WATER MAIN 12 DEFLECT PIPE ±3.3° TRENCH BACKFILL 139.4 CU YD
- WM6-2 37' D I WATER MAIN 12 TRENCH BACKFILL 31.5 CU YD
- WM6-3 45' D I WATER MAIN 12 DEFLECT PIPE ±2.7° TRENCH BACKFILL 38.4 CU YD
- WM6-4 146' D I WATER MAIN 12 TRENCH BACKFILL 117.9 CU YD
- WM6-5 6' D I WATER MAIN 12 TRENCH BACKFILL 6.0 CU YD
- WM6-6 29' D I WATER MAIN 12 TRENCH BACKFILL 34.3 CU YD
- WM6-7 49' D I WATER MAIN 12 TRENCH BACKFILL 51.4 CU YD

**WATER MAIN FITTINGS**

- WM6-8 6' D I WATER MAIN 12 TRENCH BACKFILL 5.7 CU YD
- WM6-9 29' D I WATER MAIN 12 TRENCH BACKFILL 20.5 CU YD
- WM6-10 1' D I WATER MAIN 6 TRENCH BACKFILL 1.0 CU YD
- WM6-11 5' D I WATER MAIN 6 TRENCH BACKFILL 4.0 CU YD
- WM6-12 2' D I WATER MAIN 6 TRENCH BACKFILL 2.0 CU YD
- F6-1 DI WAT MN TEE, 12X6 4037+98.4 67.9 RT, R 709.0, C 703.0 TRENCH BACKFILL 1.7 CU YD
- F6-2 DI WT MNF 12 22.50 DB VM 4039+90.3 70.0 RT, R 708.4, C 703.0 TRENCH BACKFILL 1.5 CU YD

**WATER MAIN VALVES**

- F6-3 DI WT MNF 12 22.50 DB VM 4039+92.0 70.8 RT, R 708.4, C 703.0 TRENCH BACKFILL 1.5 CU YD
- F6-4 DI WT MNF 12 22.50 DB VM 4039+99.0 73.8 RT, R 708.5, C 700.0 TRENCH BACKFILL 2.5 CU YD
- F6-5 DI WT MNF 12 11.25 DB 4040+27.1 85.8 RT, R 707.9, C 700.0 TRENCH BACKFILL 2.3 CU YD
- F6-6 DI WT MNF 12 45.0 DB 4040+68.7 114.4 RT, R 706.7, C 700.0 TRENCH BACKFILL 1.9 CU YD
- F6-7 DI WAT MN TEE, 12X6 4040+75.6 112.8 RT, R 706.6, C 700.0 TRENCH BACKFILL 1.9 CU YD
- F6-8 DI WT MNF 6 45.0 DB VM 4037+98.3 69.9 RT, R 709.0, C 700.7 TRENCH BACKFILL 1.7 CU YD

**POINT OF DEFLECTION**

- POD6-1 4037+60.0 66.0 RT
- POD6-2 4038+43.4 70.0 RT

**WATER MAIN LINE STOPS**

- LS6-1 WM LINE STOP 12 4040+90.3 33.7 RT

**WATER SERVICE CONNECTIONS**

- WSC6-1 WAT SER CONN 1 1/2 4036+44.2 66.0 RT, R 709.2, C 703.0
- WSC6-2 WAT SER CONN 1 4036+54.4 66.0 RT, R 709.2, C 703.0
- WSC6-3 WAT SER CONN 1 4038+24.5 69.1 RT, R 708.8, C 703.0

**FIRE HYDRANTS**

- FH6-1 FIRE HYD W/AUX V & VB 4037+98.0 77.1 RT, N 711.0, R 709.0, C 700.7
- FH6-2 FIRE HY W/AUX V & VB 4040+77.2 120.3 RT, N 708.5, R 706.5, C 700.0

**WATER SERVICE LINE**

- WS6-1 9' WATER SERV LINE 1 1/2 TRENCH BACKFILL 7.0 CU YD
- WS6-2 9' WATER SERV LINE 1 TRENCH BACKFILL 7.0 CU YD
- WS6-3 9' WATER SERV LINE 1 TRENCH BACKFILL 3.5 CU YD

**DOMESTIC WATER SERVICE BOX**

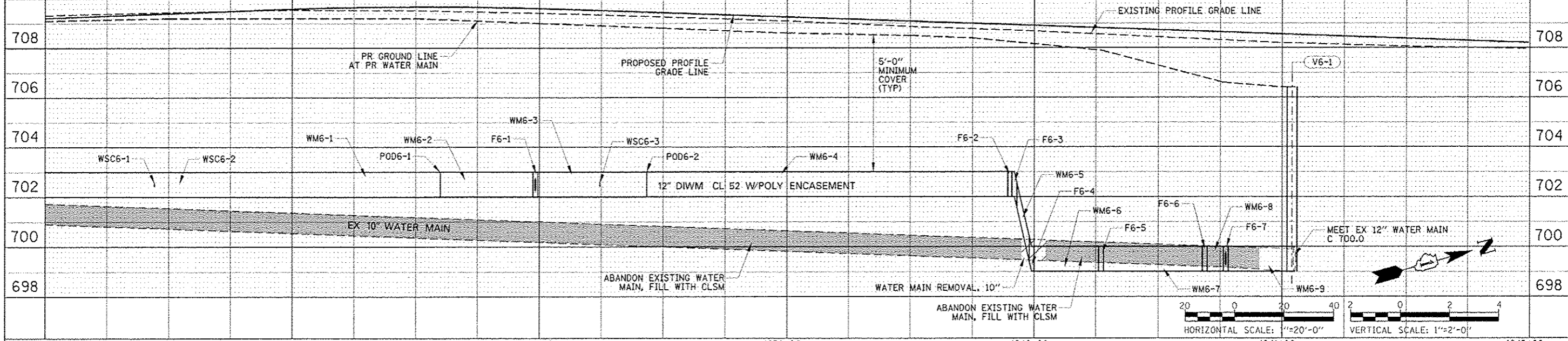
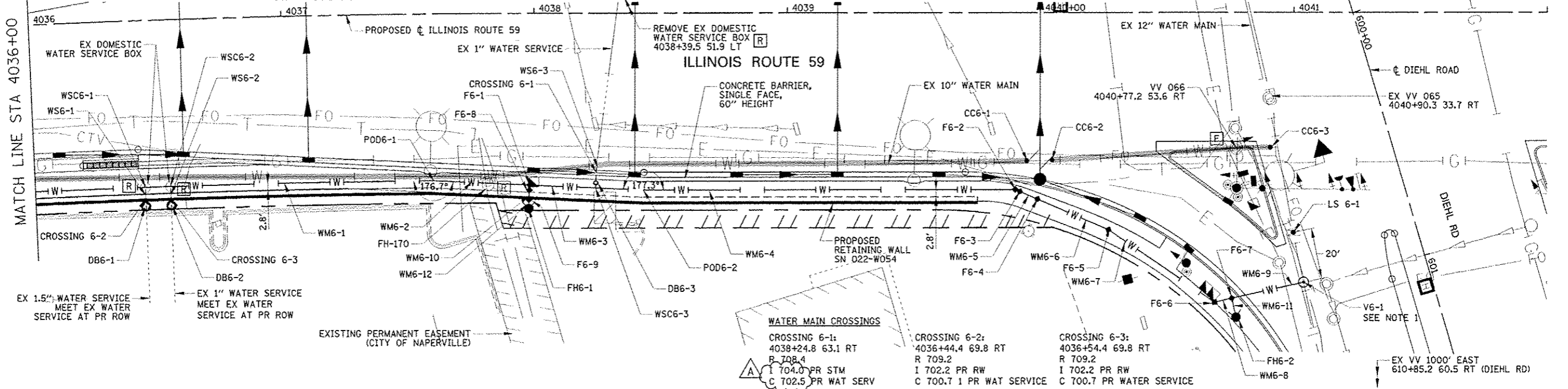
- DB6-1 DOM WAT SER BOX 4036+44.2 73.6 RT, R 709.4, C 700.7
- DB6-2 DOM WAT SER BOX 4036+54.4 73.6 RT, R 709.5, C 700.7
- DB6-3 DOM WAT SER BOX 4038+24.6 67.1 RT, R 708.4, C 703.0

**CUT & CAP WATER MAIN**

- CC6-1 CUT & CAP EX 10 WM 4039+94.8 58.7 RT, R 708.0, C 700.2 TRENCH BACKFILL 1.7 CU YD
- CC6-2 CUT & CAP EX 10 WM 4040+04.7 58.3 RT, R 708.0, C 700.2 TRENCH BACKFILL 1.7 CU YD
- CC6-3 CUT & CAP EX 10 WM 4040+90.8 53.3 RT, R 707.8, C 700.0 TRENCH BACKFILL 1.7 CU YD

**NOTES**

1. MAKE PRESSURE CONNECTION IN VAULT. SEE STANDARD DETAIL FOR MORE INFORMATION. PRESSURE CONNECTION INCLUDED WITH COST OF TAPPING VALVE AND SLEEVE.

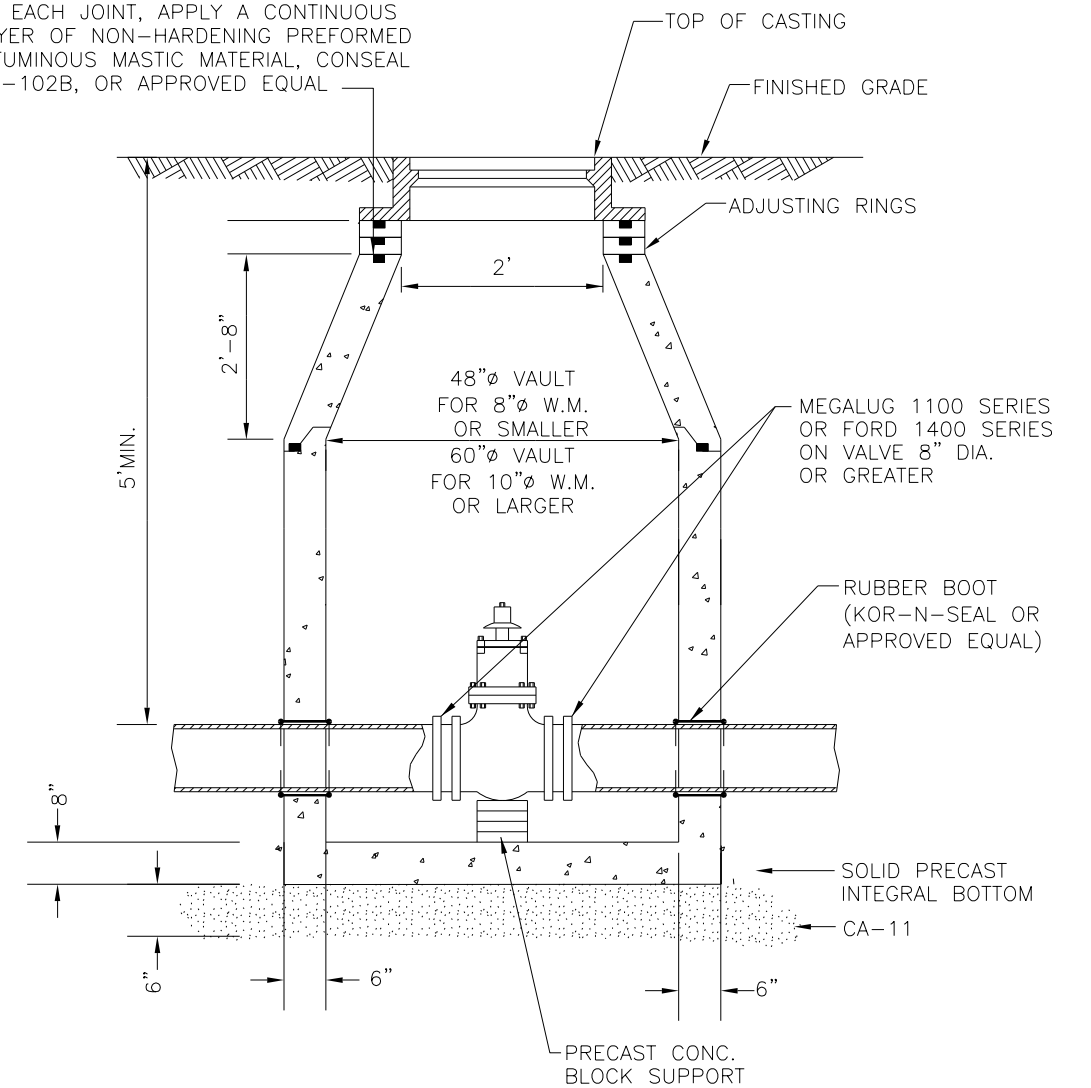


DESIGNED: <i>CEO</i>	REVISED - ADDENDUM A 02/22/2013	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>WATER MAIN PLAN AND PROFILE</b>		F.A.P. RTE. 338	SECTION (112 & 113) WRS-6	COUNTY DUPAGE	TOTAL SHEETS 734	SHEET NO. 322	
DRAWN: <i>CMW</i>	REVISED -		SCALE: SHEET NO. 6 OF 6 SHEETS STA. 4036+00 TO STA. 4042+00		<b>WAT PP-6</b> CONTRACT NO. 60R31					
CHECKED: <i>JCM</i>	REVISED -		FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT							
DATE: <i>12/14/2012</i>	REVISED -									






AT EACH JOINT, APPLY A CONTINUOUS LAYER OF NON-HARDENING PREFORMED BITUMINOUS MASTIC MATERIAL, CONSEAL CS-102B, OR APPROVED EQUAL



1. VALVE VAULT MUST ALIGN WITH THE CENTER OF VAULT OPENING.
2. CONCENTRIC CONES TO BE USED FOR VALVES 12" AND SMALLER.
3. VALVES SHALL BE RESILIENT WEDGE GATE VALVES WITH MECHANICAL JOINT ENDS TO COMPLY WITH ANSI/AWWA C515-09 OR LATEST VERSION VALVES TO BE CLOW, AMERICAN, WATEROUS, KENNEDY OR APPROVED EQUAL.
4. WHEN ADJUSTMENTS ARE NECESSARY, THEY SHALL BE PERFORMED WITH A MAXIMUM OF TWO (2) PRECAST CONCRETE RINGS SET IN A BED OF PREFORMED NON-HARDENING MASTIC MATERIAL (CONSEAL CS-102B OR APPROVED EQUAL) TO A MAXIMUM HEIGHT OF 12".

	CITY OF NAPERVILLE		
	DEPARTMENT OF WATER		
TITLE: VALVE VAULT			
SCALE: NTS	SECTION 500: ARTICLE 511	DATE: 10-01-12	Detail: WATER 4

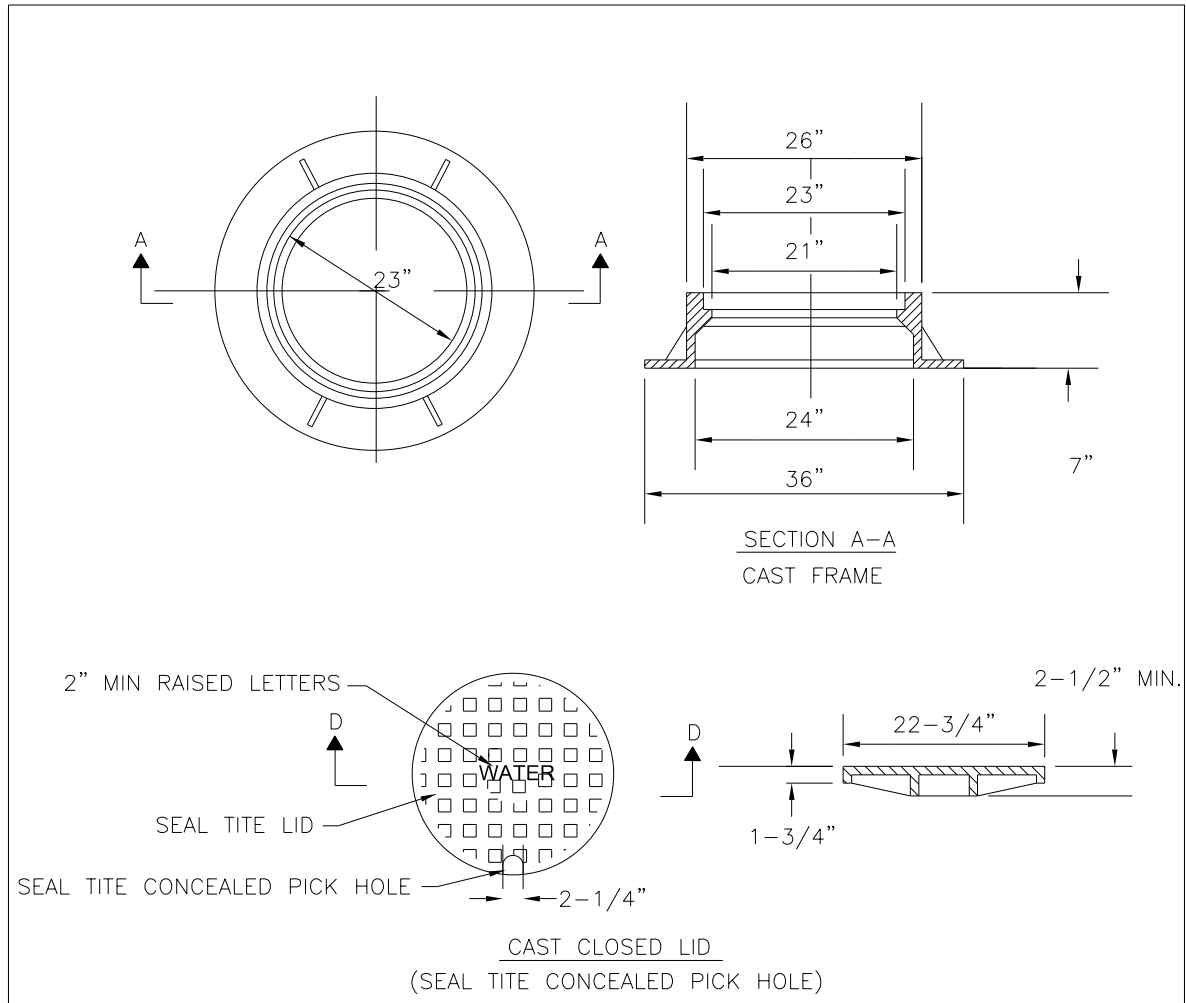
DESIGNED	PJO	REVISED	-
DRAWN	KES	REVISED	-
CHECKED	JCM	REVISED	-
DATE	12/14/2012	REVISED	-

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

WATER MAIN STANDARD DRAWINGS  
CITY OF NAPERVILLE

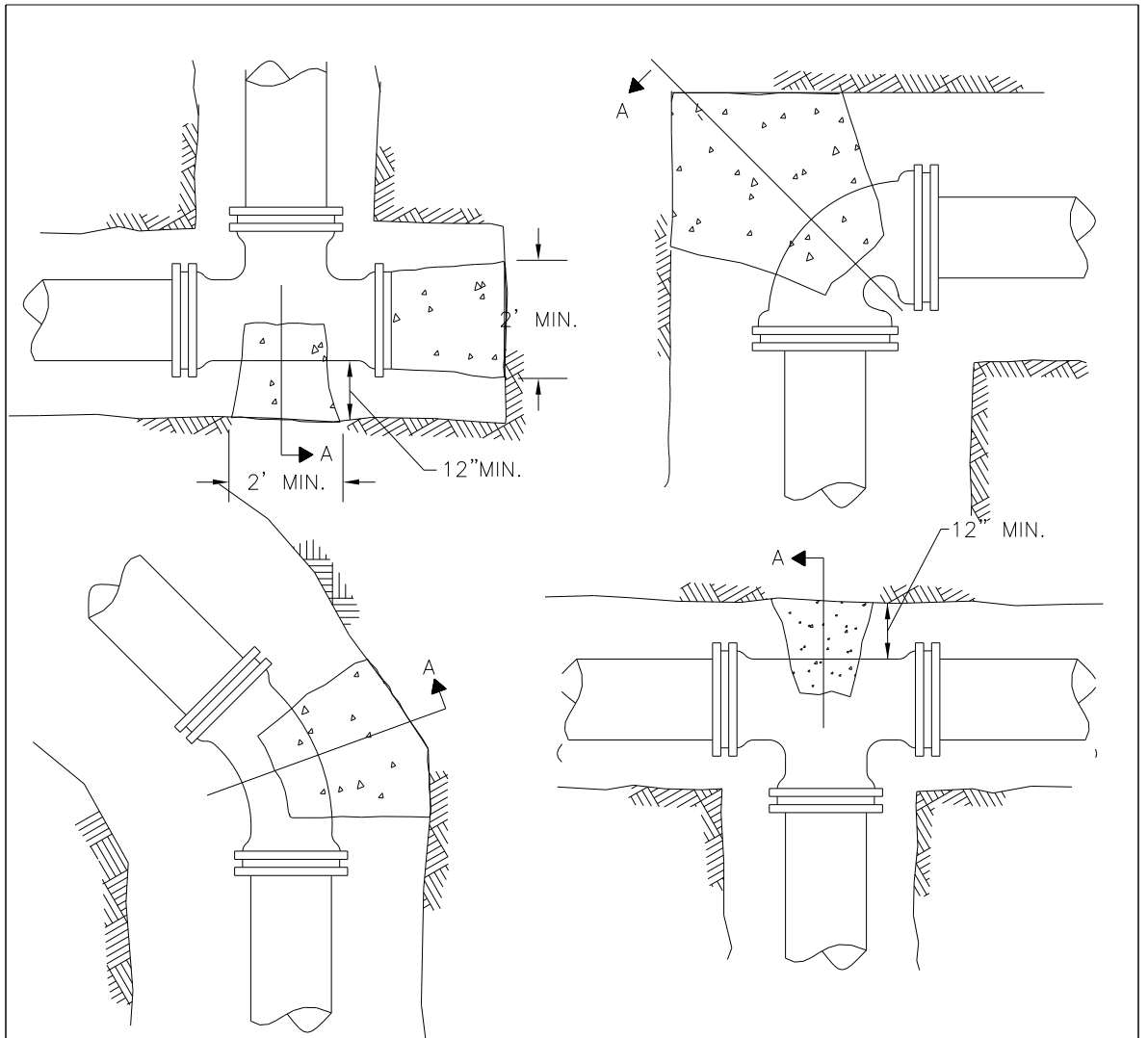
SCALE: NONE SHEET NO. 2 OF 7 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
338	(112 & 113) WRS-6	DUPAGE	734	324
WAT STD-2			CONTRACT NO. 60R31	
ILLINOIS FED. AID PROJECT				

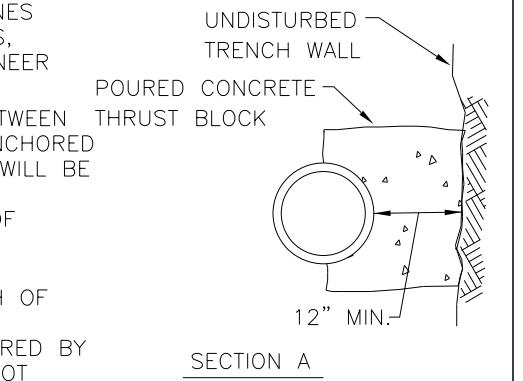


- 1) DUCTILE IRON SHALL BE GRADE 65-45-12 AND SHALL BE TESTED IN ACCORDANCE WITH FEDERAL SPECIFICATIONS.
- 2) ALL FRAMES AND COVERS SHALL HAVE MACHINED HORIZONTAL AND VERTICAL BEARING SURFACES. PICK HOLES SHALL NOT CREATE OPENINGS IN THE COVER.
- 3) THE MANHOLE COVERS SHALL HAVE RAISED LETTERS AS SHOWN.
- 4) ALTERNATIVE TO DUCTILE IRON LID, GRAY IRON CL 35, LID MAY BE USED.
- 5) DIMENSIONS FOR CASTINGS ARE COMPARABLE TO EAST JORDAN 1022 OR NEENAH R-1772-C, HEAVY DUTY.
- 6) LIDS AND FRAMES TO MEET AASHTO M306 PROOF LOADING SPECIFICATIONS.

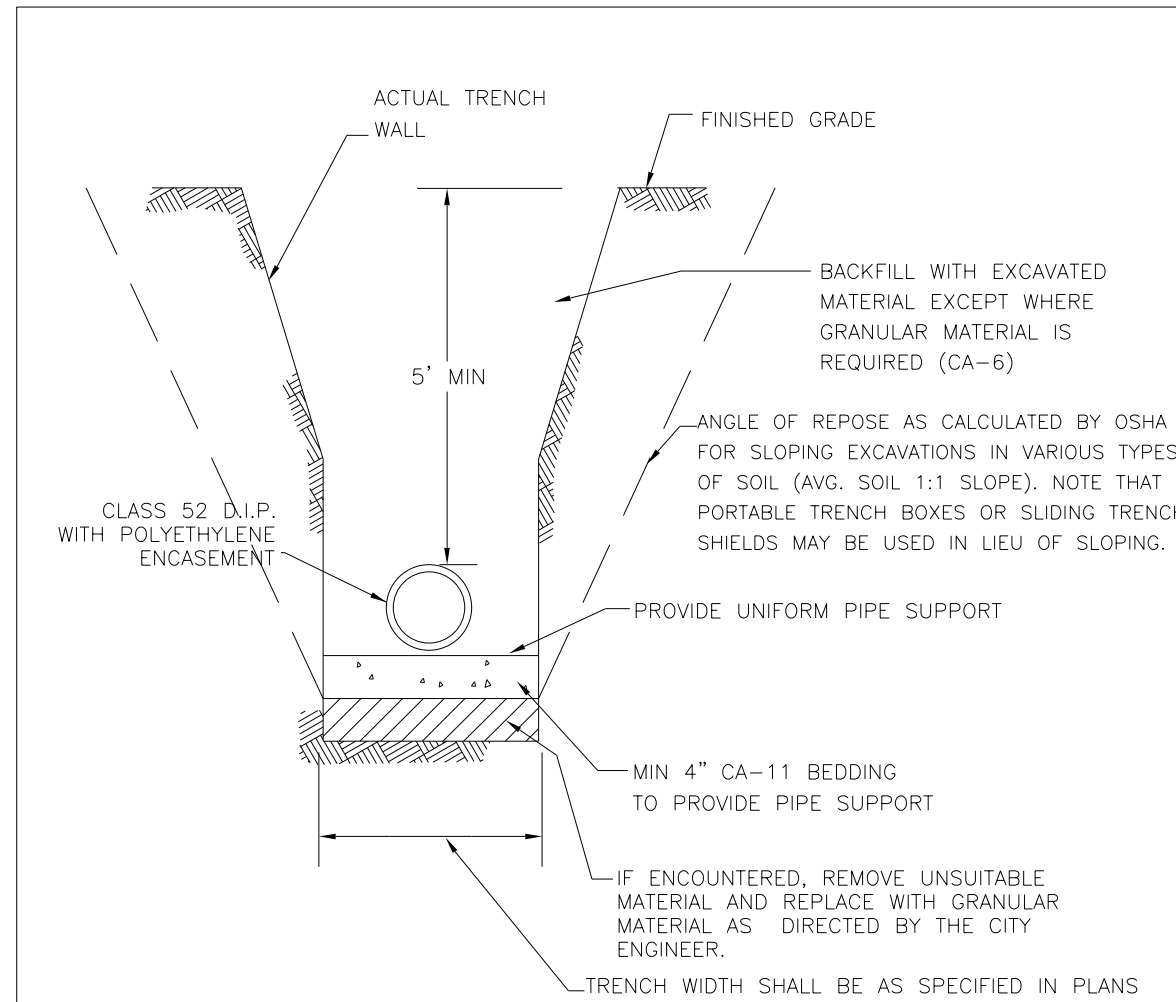
		CITY OF NAPERVILLE DEPARTMENT OF WATER	
TITLE: WATER MANHOLE FRAME & COVER			
SECTION 500:	NTS	ARTICLE 512.3	10-01-12 WATER 5



1. THRUST BLOCKING TO PREVENT MOVEMENT OF LINES UNDER PRESSURE AT BENDS, TEES, CAPS, VALVES, HYDRANTS, & AT POINTS SPECIFIED BY THE ENGINEER SHALL BE CLASS "SI".
2. CONCRETE A MINIMUM OF 12" THICK, PLACED BETWEEN THRUST BLOCK SOLID GROUND & THE FITTING, AND SHALL BE ANCHORED IN SUCH A MANNER THAT THE PIPE AND FITTING WILL BE ACCESSIBLE FOR REPAIRS.
3. THRUST BLOCKS SHALL BE PLACED AT BENDS OF 11-1/4' OR MORE.
4. PIPE BENDS TO BE POLYETHYLENE ENCASED.
5. JOINT RESTRAINT AT BEND AND REQUIRED LENGTH OF PIPE EACH DIRECTION FROM BENDS AS REQUIRED BY THE CITY OF NAPERVILLE IF UNDISTURBED SOIL NOT AVAILABLE.
6. THRUST BLOCK FOR PIPES LARGER THAN 12"Ø MUST BE POURED IN PLACE



		CITY OF NAPERVILLE DEPARTMENT OF WATER	
TITLE: THRUST BLOCK INSTALLATION			
SECTION 500:	NTS	ARTICLE 506.5	10-01-12 WATER 6

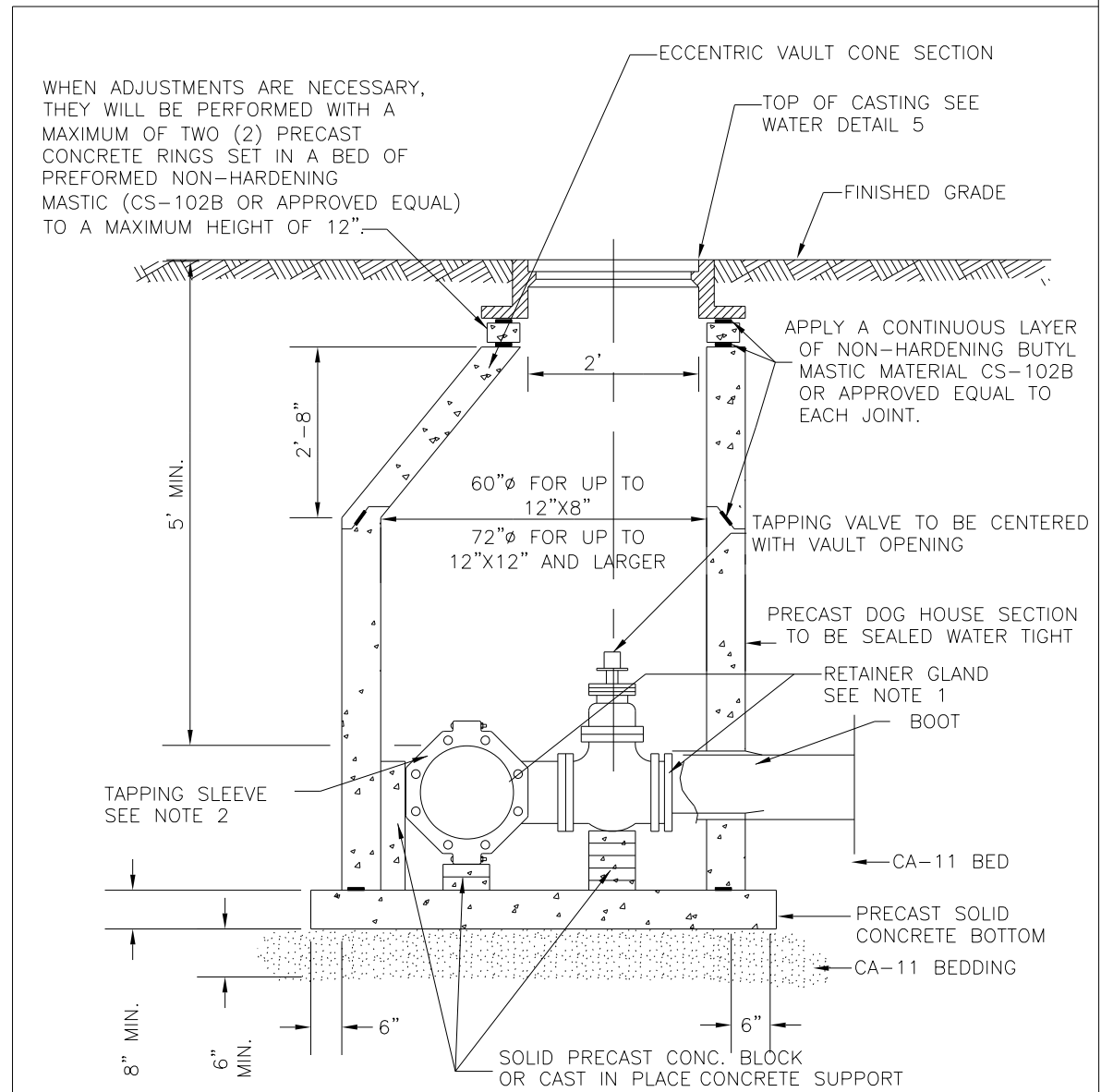


IN PAVED AREAS ALL TRENCHES SHALL BE COMPACTED IN ACCORDANCE WITH SECTION 550.07 OF THE STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION. METHOD 1. 95% MINIMUM STANDARD PROCTOR.

DUCTILE IRON WATER MAIN TO BE CLASS 52. ALL DUCTILE IRON PIPE IS TO BE ENCASED IN POLYETHYLENE FILM. POLYETHYLENE ENCASEMENT TO BE INSTALLED IN ACCORDANCE WITH AWWAC105A21.5-99.(OR LATEST EDITION)

STAINLESS STEEL NUTS, BOLTS/T-BOLTS, AND WASHERS, TYPE 304 OR BETTER, WILL BE REQUIRED ON ALL WATER MAIN INSTALLATIONS. THIS WOULD APPLY TO HYDRANTS, TAPPING SLEEVES, VALVES, FITTINGS, RESTRAINT, AND OTHER APPURTENANCES BURIED OR IN VALVE VAULTS. MECHANICAL JOINTS AND RESTRAINT GLANDS REQUIRE 304 STAINLESS STEEL T-BOLTS. AN ANTI-SEIZE COMPOUND SHALL BE FACTORY APPLIED TO NUTS OR BOLTS - ANY DAMAGE TO THIS COATING SHALL BE REPAIRED WITH FIELD-APPLIED, APPROVED ANTI-SEIZE COMPOUND THAT IS A MOLYBDENUM-BASE LUBRICANT, BOSTIK NEVER-SEEZ OR APPROVED EQUAL.

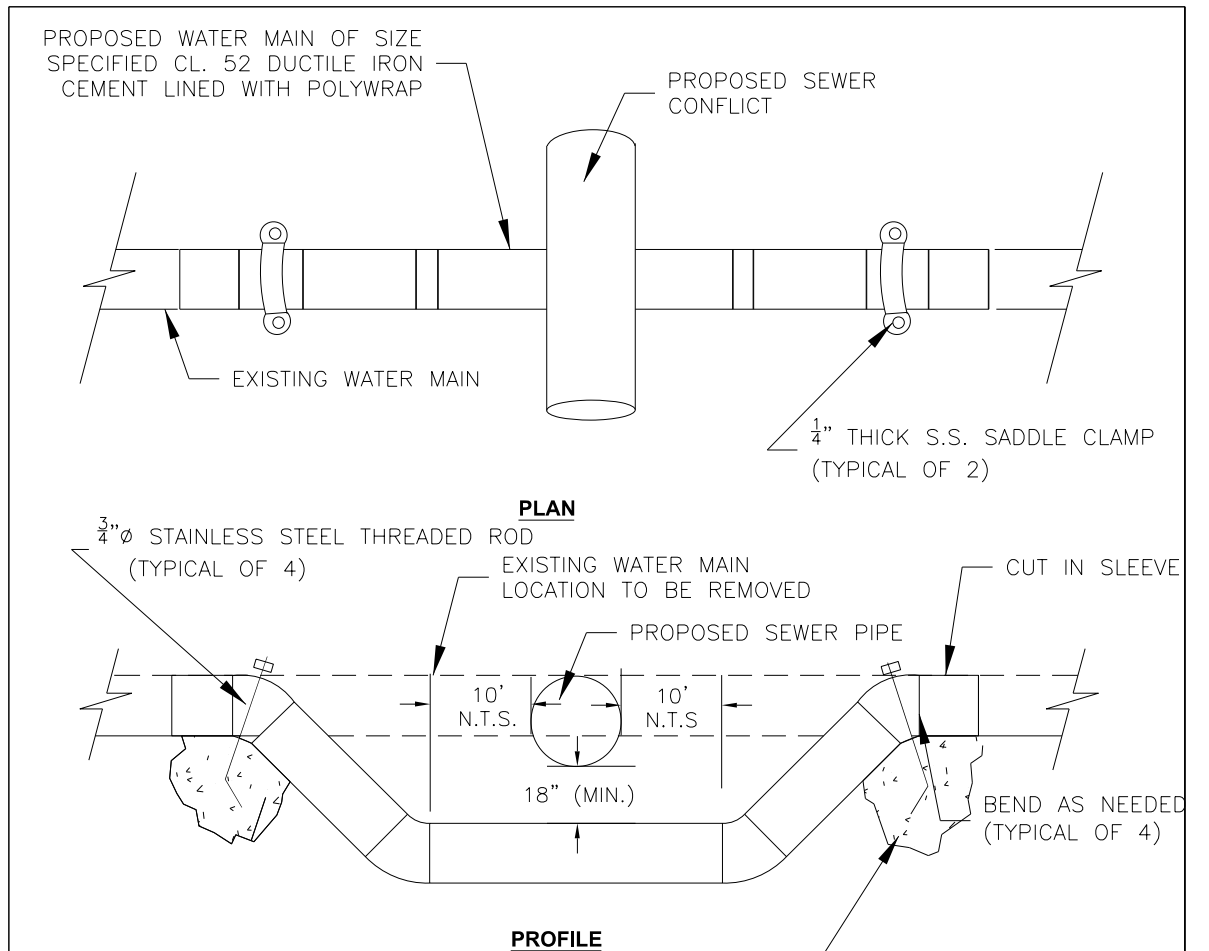
		CITY OF NAPERVILLE	
		DEPARTMENT OF WATER	
TITLE: TRENCH SECTION FOR WATER MAIN INSTALLATION			
SECTION 500:	DATE:		
NTS ARTICLE 504	10-01-12	WATER 7	



WHEN ADJUSTMENTS ARE NECESSARY, THEY WILL BE PERFORMED WITH A MAXIMUM OF TWO (2) PRECAST CONCRETE RINGS SET IN A BED OF PREFORMED NON-HARDENING MASTIC (CS-102B OR APPROVED EQUAL) TO A MAXIMUM HEIGHT OF 12\"

- 1.) USE MEGALUG SERIES 1100 OR FORD UNI-FLANGE SERIES 1400 RETAINER GLANDS WITH STAINLESS STEEL T-BOLTS COATED WITH ANTI-SEIZE COMPOUND.
- 2.) TAPPING SLEEVES SHALL BE CAST OR DUCTILE IRON MECHANICAL JOINT CONFORMING TO ANSI/AWWA C110/A21.10-82 (TYLER/UNION OR APPROVED EQUAL). EXISTING PIPE TO BE DISINFECTED PRIOR TO INSTALLATION OF TAPPING SLEEVE. TAPPING SLEEVE TO BE PRESSURE TESTED HYDROSTATICALLY TO OPERATING PRESSURE PLUS 50 PERCENT PRIOR TO MAKING PRESSURE CONNECTION.
- 3.) EXISTING PIPE TO BE DISINFECTED PRIOR TO INSTALLATION OF TAPPING SLEEVE AND TAPPING SLEEVE IS TO BE PRESSURE TESTED TO OPERATING PRESSURE PLUS 50 PERCENT PRIOR TO MAKING PRESSURE CONNECTION.
- 4.) DO NOT USE STAINLESS STEEL SLEEVE ON SIZE ON SIZE TAPS OR PIPES LARGER THAN 12\"
- 5.) IN THE EVENT IT IS NECESSARY TO USE A PRECAST SPLIT BOTTOM FLOOR DUE TO SPACE CONSTRAINTS THE FLOOR MUST BE GROUTED WATER TIGHT.
- 6.) TAPPING VALVES SHALL CONFORM TO C515-09 OR LATEST REVISION: AMERICAN SERIES 2500 RESILIENT WEDGE TAPPING VALVES WITH FLANGED X MECHANICAL JOINT ENDS OR APPROVED EQUAL.

		CITY OF NAPERVILLE	
		DEPARTMENT OF WATER	
TITLE: CAST/DUCTILE IRON PRESSURE TAP VALVE VAULT DETAIL			
SECTION 500:	DATE:		
NTS ARTICLE 511.5	10-01-12	WATER 8	

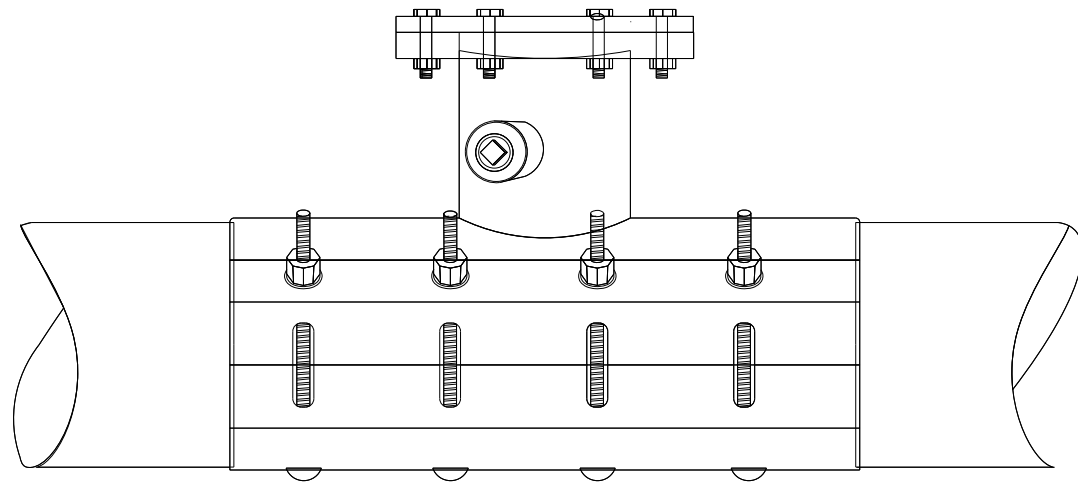


- 1.) PIPING TO BE DISINFECTED DURING INSTALLATION. ALL NEW JOINTS SHALL BE INSTALLED WITH MEG-A-LUG, OR APPROVED EQUAL, JOINT RESTRAINT. CONTRACTOR SHALL USE 22 1/2 OR 11 1/4 DEGREE BENDS IN LIEU OF 45 DEGREE BENDS WHERE POSSIBLE.
- 2.) VERTICAL THRUST BLOCKS UNDER BENDS SHALL BE 1 C.Y. MINIMUM OR SIZED AS NEEDED TO RESTRAIN BENDS. CONCRETE TO SUFFICIENTLY CURE PRIOR TO TESTING. POURED CONCRETE SHALL NOT BE PLACED AROUND PIPE BOLTS OR HINDER FUTURE MAINTENANCE.
- 3.) POLYWRAP SHOULD BE IN SHEETS INSTALLED UNDER WATER MAIN WITH ALL PIPING JOINTS EXPOSED UNTIL AFTER PRESSURE TEST IS COMPLETE, THEN WRAPPED AND TAPED IN PLACE PRIOR TO BACKFILLING.
- 4.) SEWERS INSTALLED ABOVE WATER MAIN SHALL BE DESIGNED TO PROVIDE WATER MAIN PROTECTION AS REQUIRED BY I.E.P.A
- 5.) ALL PIPING TO BE FLUSHED AND TWO SAFE CONSECUTIVE BACTERIAL SAMPLES TAKEN PRIOR TO CITY PLACING MAIN BACK IN SERVICE.

POURED IN PLACE CONCRETE (CLASS X) FOR VERTICAL THRUST BLOCK. BEND THREADED ROD TO PREVENT PULLOUT. (TYPICAL OF 2)


		CITY OF NAPERVILLE	
		DEPARTMENT OF WATER	
TITLE: LOWERING/ADJUSTING WATER MAIN			
SCALE:	SECTION 500:	DATE:	
NTS	ARTICLE 503.3	10-01-12	WATER 10

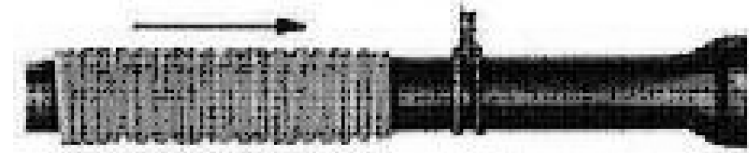
DESIGNED	PJO	REVISED	-	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>WATER MAIN STANDARD DRAWINGS CITY OF NAPERVILLE</b>	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
DRAWN	KES	REVISED	-			338	(112 & 113) WRS-6	DUPAGE	734	327
CHECKED	JCM	REVISED	-			<b>WAT STD-5</b>		CONTRACT NO. 60R31		
DATE	12/14/2012	REVISED	-			ILLINOIS FED. AID PROJECT				
				SCALE: NONE	SHEET NO. 5 OF 7 SHEETS	STA.	TO STA.			



SLEEVE TO BE PRESSURE RATED AT 150 PSI WORKING PRESSURE 225 PSI TEST PRESSURE.

1. GASKETS TO PROVIDE 360 DEGREE PIPE COVERAGE IN ADDITION TO A FULL CIRCUMFERENCE BRANCH SEAL GASKET.
2. EXISTING PIPE TO BE DISINFECTED PRIOR TO INSTALLATION OF LINE STOP.
3. STAINLESS STEEL TEST PORT AND PLUG SHALL BE PROVIDED AND THE LINE STOP SLEEVE IS TO BE PRESSURE TESTED PRIOR TO CUTTING THE EXISTING PIPE.
4. V-LUGS SHALL BE FABRICATED TO THE SLEEVE AND DROP-IN STAINLESS STEEL BOLTS, NUTS, AND WASHERS (18-8 MINIMUM GRADE) PROVIDED. NUTS SHALL BE COATED WITH ANTI-SIEZE COMPOUND TO PREVENT GALLING.
5. PROVIDE AS-BUILT FOR LOCATION AND ELEVATION OF TOP OF FLANGE ON RECORD DRAWINGS.
6. ACCEPTABLE LINE STOP SLEEVES ARE HYDRA STOP PREMIER LINE STOP FITTING OF ALL STAINLESS STEEL CONSTRUCTION WITH DROP-IN BOLT OPTION AND SMITH BLAIR MODEL 685 ALL STAINLESS STEEL LINE STOP TAPPING SLEEVE WITH ALL BOLTS, NUTS, AND WASHERS AND BLIND FLANGES TO BE 18-8 TYPE 304 STAINLESS. STOPPLE (COMPLETION) PLUG TO BE DUCTILE IRON OR STAINLESS STEEL.

 <b>Naperville</b>		CITY OF NAPERVILLE	
		DEPARTMENT OF WATER	
TITLE: LINE STOP TAPPING SLEEVE			
SCALE:	SECTION 500:	DATE:	
NTS	ARTICLE 511.5	10-01-12	WATER 11



CUT A SECTION OF POLYETHYLENE TUBE APPROXIMATELY TWO FEET LONGER THAN THE PIPE SECTION. REMOVE ALL LUMPS OF CLAY, MUD, CINDERS, OR OTHER MATERIAL THAT MIGHT HAVE ACCUMULATED ON THE PIPE SURFACE DURING STORAGE. SLIP THE POLYETHYLENE TUBE AROUND THE PIPE, STARTING AT THE SPIGOT END. BUNCH THE TUBE ACCORDION-FASHION ON THE END OF THE PIPE. PULL BACK THE OVERHANGING END OF THE TUBE UNTIL IT CLEARS THE PIPE END.



MAKE THE OVERLAP OF THE POLYETHYLENE TUBE BY PULLING BACK THE BUNCHED POLYETHYLENE FROM THE PRECEDING LENGTH OF PIPE AND SECURING IT IN PLACE. NOTE: THE POLYETHYLENE MAY BE SECURED IN PLACE BY USING TAPE, STRING, PLASTIC TIE STRAPS, OR ANY OTHER MATERIAL CAPABLE OF HOLDING THE POLYETHYLENE ENCASMENT SNUGLY AGAINST THE PIPE.




TAKE UP SLACK IN THE TUBE ALONG THE BARREL OF THE PIPE TO MAKE A SNUG, BUT NOT TIGHT, FIT. FOLD EXCESS POLYETHYLENE BACK OVER THE TOP OF THE PIPE.



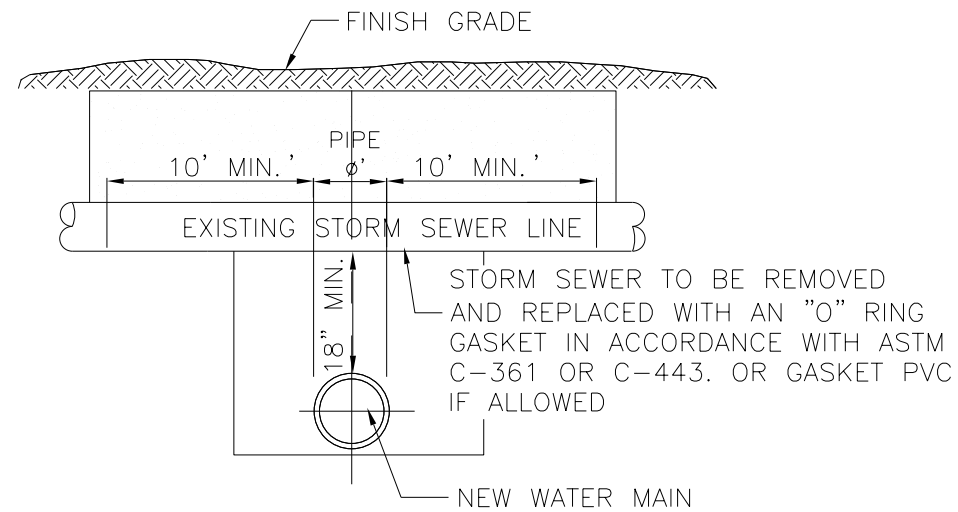
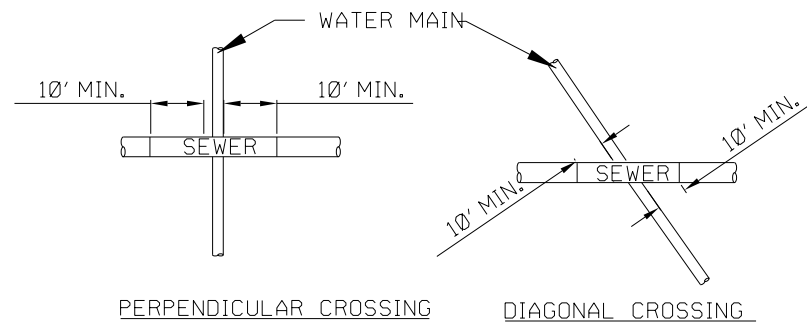
REPAIR ALL SMALL RIPS, TEARS OR OTHER TUBE DAMAGE WITH MANUFACTURER APPROVED ADHESIVE TAPE.

1. COVER BENDS, REDUCERS AND OTHER PIPE-SHAPED APPURTENANCES WITH POLYETHYLENE IN THE SAME MANNER AS THE PIPE.
2. WRAP VALVES, TEES AND OTHER ODD-SHAPED APPURTENANCES WITH A FLAT SHEET OR SPLIT LENGTH OF POLYETHYLENE TUBE BY PASSING THE SHEET UNDER THE APPURTENANCES AND BRINGING IT UP AROUND THE BODY. MAKE SEAMS BY BRINGING THE EDGES OF THE POLYETHYLENE SHEET TOGETHER, FOLDING OVER TWICE, AND TAPING DOWN.
3. POLYETHYLENE ENCASMENT TO BE IN ACCORDANCE WITH A.W.W.A. C105-99OR LATEST VERSION.
4. COPPER SERVICE TAPS ARE TO BE WRAPPED WITH POLYETHYLENE OR A SUITABLE DIELECTRIC TAPE FOR A MINIMUM CLEAR DISTANCE OF 3' AWAY FROM THE MAIN.

 <b>Naperville</b>		CITY OF NAPERVILLE	
		DEPARTMENT OF WATER	
TITLE: POLYETHYLENE ENCASMENT			
SCALE:	SECTION 500:	DATE:	
NTS	ARTICLE 514	10-01-12	WATER 12

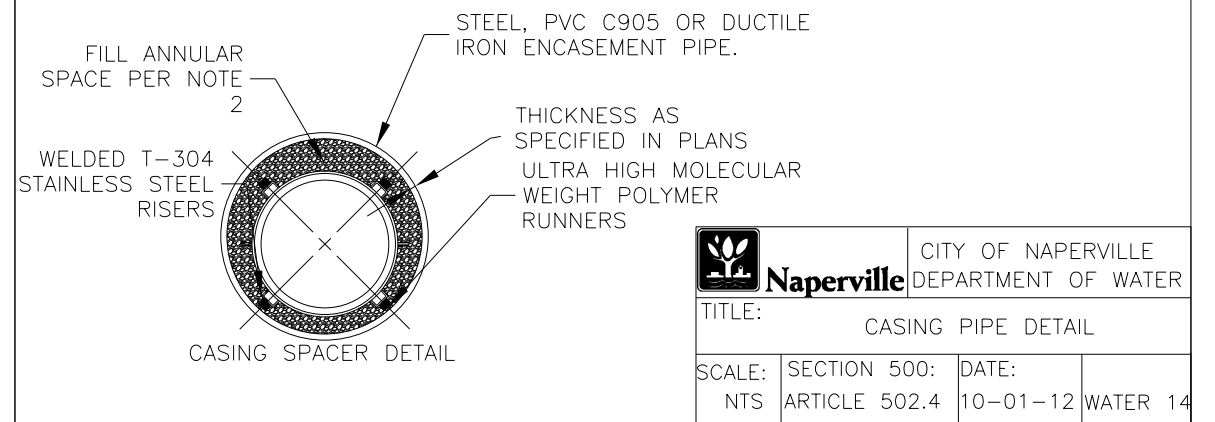
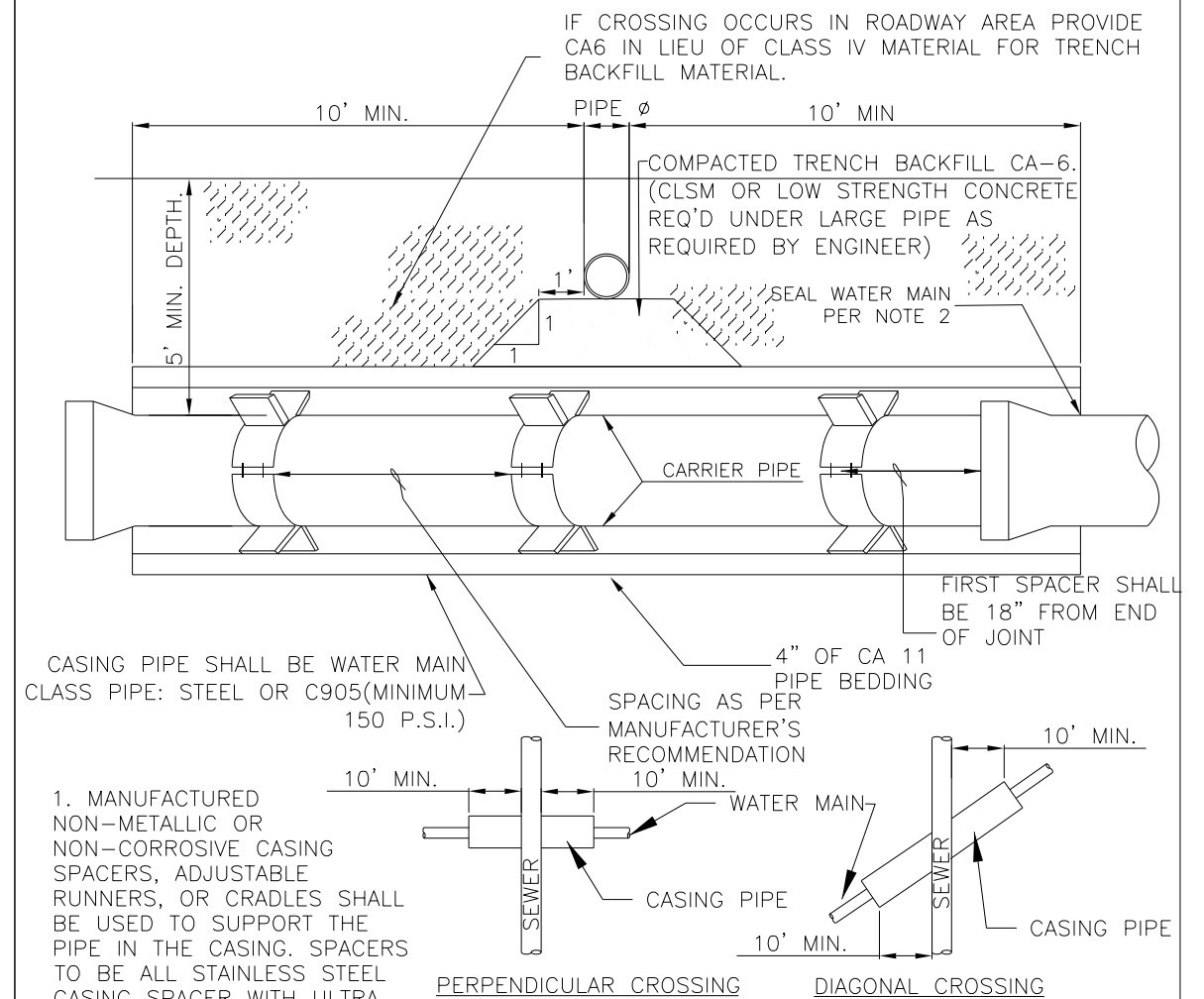
DESIGNED <i>PJO</i>	REVISED -	STATE OF ILLINOIS	WATER MAIN STANDARD DRAWINGS	F.A.P. RTE.	SECTION	COUNTY	TOTAL	SHEET
							NO.	NO.
DRAWN <i>KES</i>	REVISED -	DEPARTMENT OF TRANSPORTATION	CITY OF NAPERVILLE	338	(112 & 113) WRS-6	DUPAGE	734	328
CHECKED <i>JCM</i>	REVISED -			WAT STD-6		CONTRACT NO. 60R31		
DATE <i>12/14/2012</i>	REVISED -	SCALE: NONE SHEET NO. 6 OF 7 SHEETS STA. TO STA.		ILLINOIS FED. AID PROJECT				





NOTE:  
NEW STORM SEWER INSTALLATION SHALL BE GASKETED STRUCTURE TO STRUCTURE

		CITY OF NAPERVILLE DEPARTMENT OF WATER	
TITLE: WATER MAIN PROTECTION FROM EXISTING STORM SEWER PIPE			
SCALE: NTS	SECTION 500: ARTICLE 503.2	DATE: 10-01-12	WATER 13



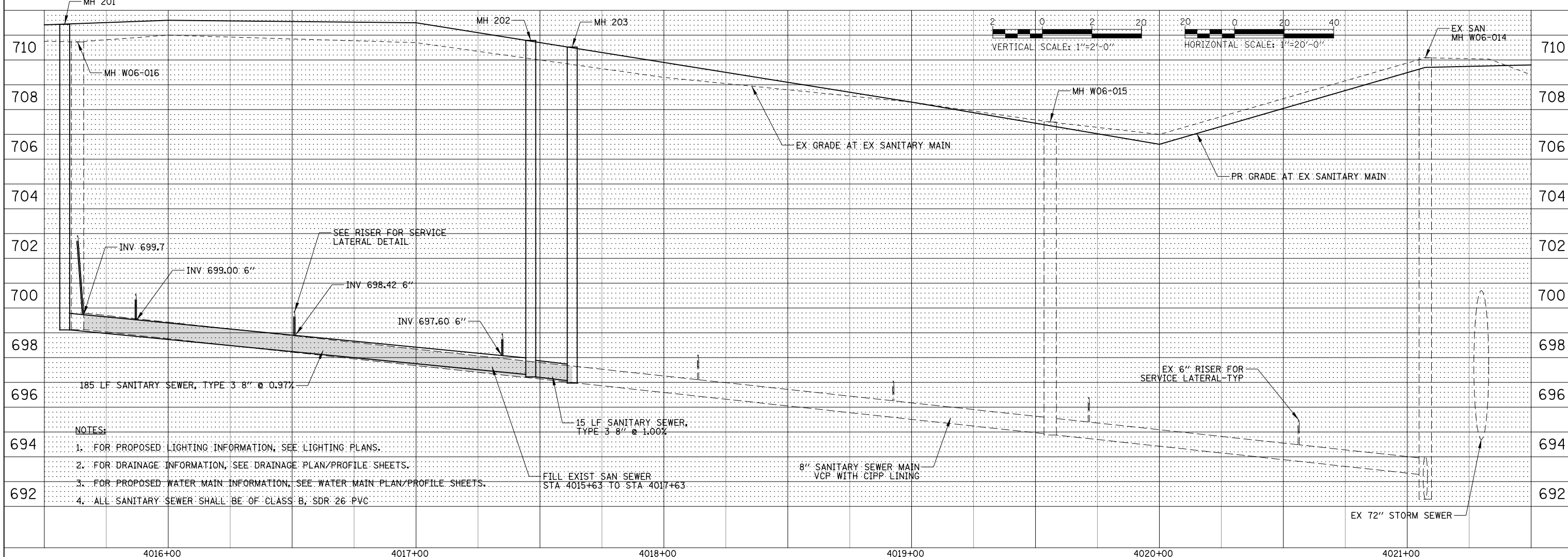
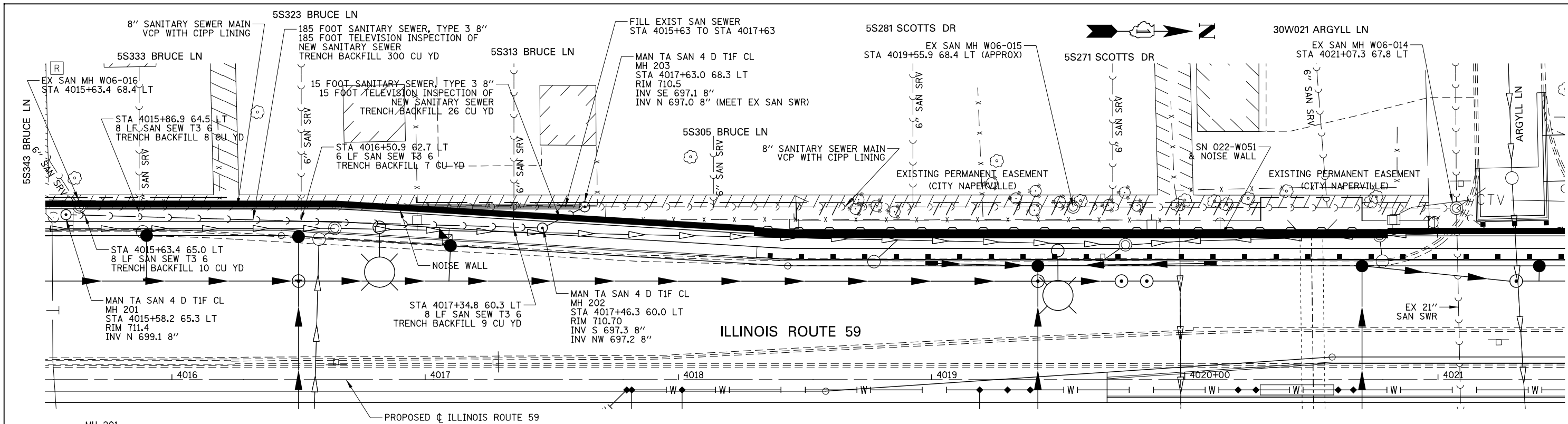
DESIGNED	PJO	REVISED	-
DRAWN	KES	REVISED	-
CHECKED	JCM	REVISED	-
DATE	12/14/2012	REVISED	-

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

WATER MAIN STANDARD DRAWINGS CITY OF NAPERVILLE		F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
SCALE: NONE	SHEET NO. 7 OF 7 SHEETS	338	(112 & 113) WRS-6	DUPAGE	734	329
		WAT STD-7		CONTRACT NO. 60R31		
		ILLINOIS FED. AID PROJECT				

PLAN	SURVEYED	DATE
	PLOTTED	
	CHECKED	
	BY	
	NO. _____	

PROFILE	SURVEYED	DATE
	PLOTTED	
	CHECKED	
	BY	
	NO. _____	



- NOTES:**
1. FOR PROPOSED LIGHTING INFORMATION, SEE LIGHTING PLANS.
  2. FOR DRAINAGE INFORMATION, SEE DRAINAGE PLAN/PROFILE SHEETS.
  3. FOR PROPOSED WATER MAIN INFORMATION, SEE WATER MAIN PLAN/PROFILE SHEETS.
  4. ALL SANITARY SEWER SHALL BE OF CLASS B, SDR 26 PVC.

DESIGNED	PJO	REVISED	-
DRAWN	KES	REVISED	-
CHECKED	JCM	REVISED	-
DATE	12/14/2012	REVISED	-

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**SANITARY SEWER PLAN AND PROFILE**

SCALE: SHEET NO. 1 OF 2 SHEETS STA. 4015+00 TO STA. 4021+50

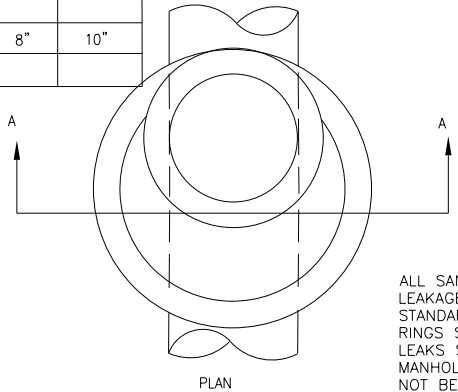
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
338	(112 & 113) WRS-6	DUPAGE	734	330
<b>SAN PP-1</b>			CONTRACT NO. 60R31	
FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT			



MANHOLE DEPTH	≤12'	>12'
t	8"	10"

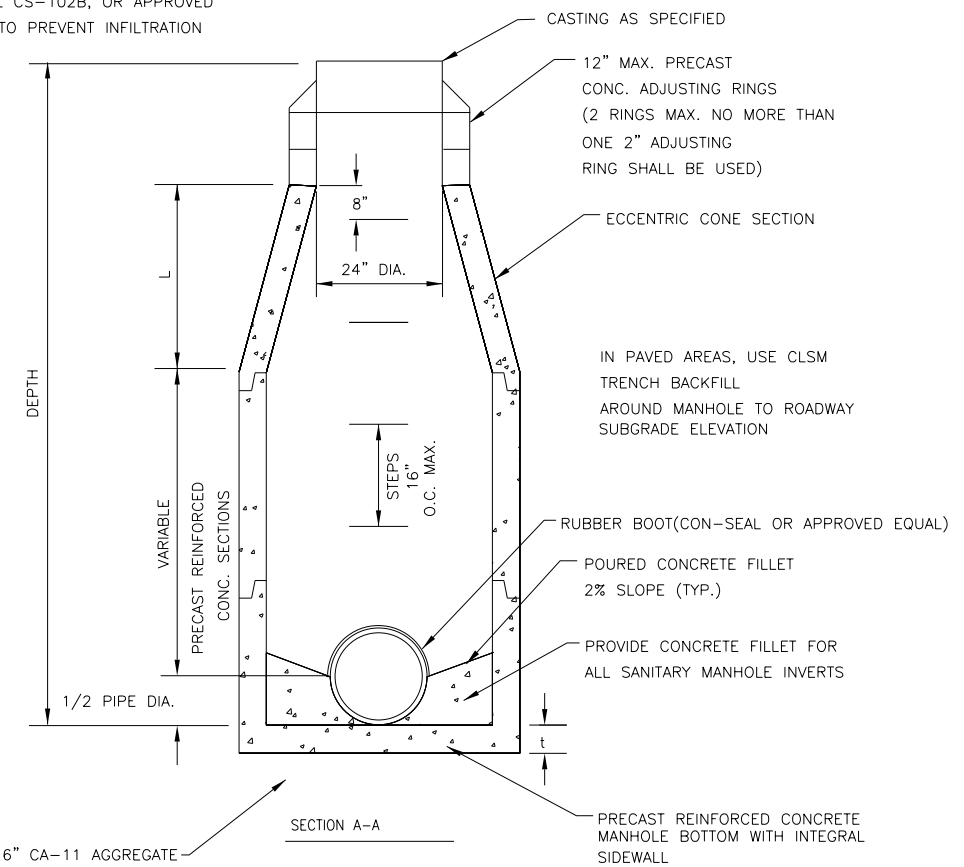
  

Inside M.H. Dia.	48"	60"
Pipe Dia.	≤21"	>21"
Wall Thickness	5"	6"
Ecc. Cone Sec.(L)	2'-6"	3'-9"

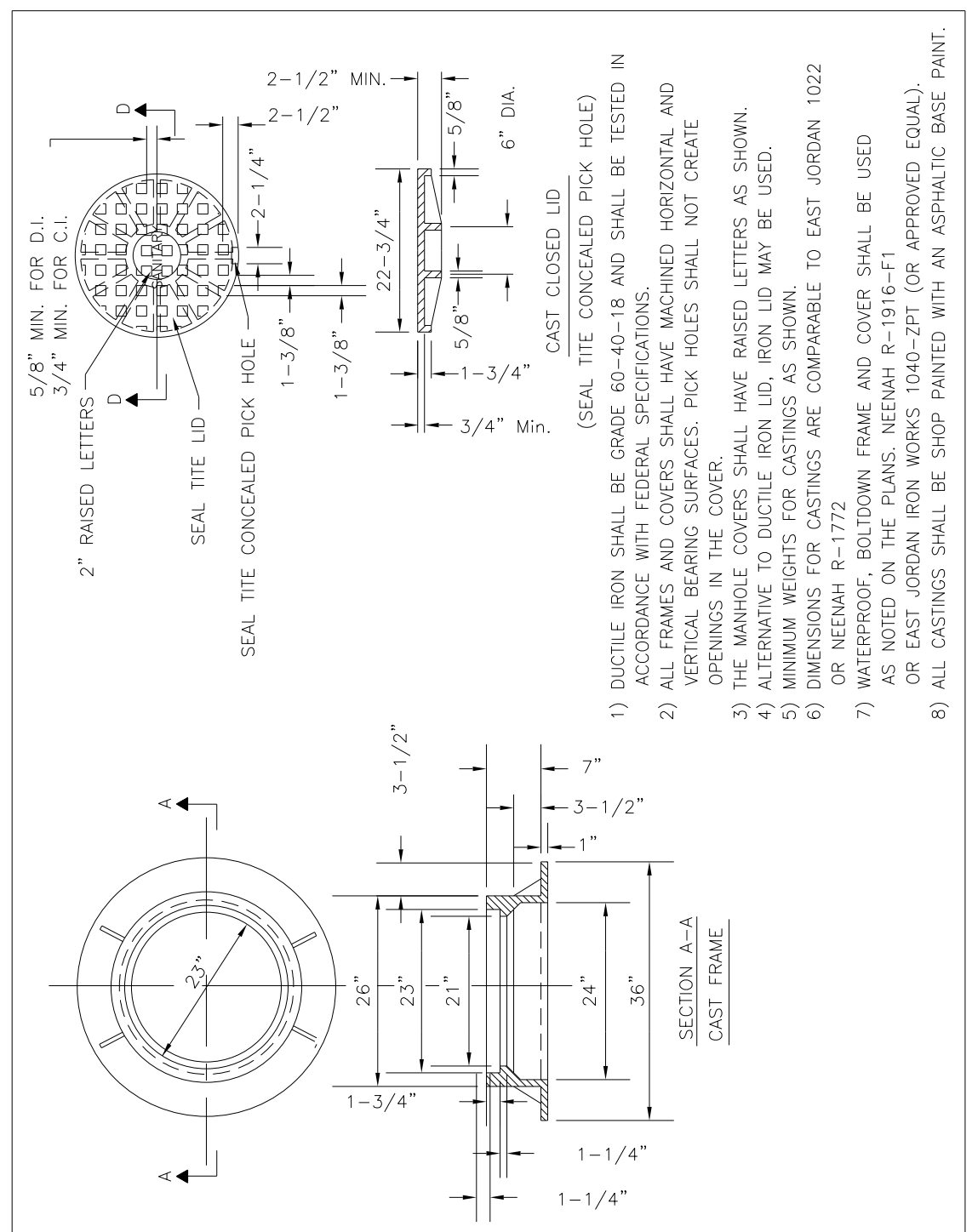


ALL SANITARY MANHOLES SHALL BE TESTED FOR LEAKAGE BY VACUUM TESTING PER CITY STANDARDS. THE MANHOLE FRAME AND ADJUSTING RINGS SHALL BE IN PLACE WHEN TESTING. ANY LEAKS SHALL BE REPAIRED FROM EXTERIOR MANHOLE - PATCHING INSIDE OF MANHOLE SHALL NOT BE ACCEPTABLE.

AT EACH JOINT, APPLY A CONTINUOUS LAYER OF NON-HARDENING PREFORMED BITUMINOUS MASTIC MATERIAL, CONSEAL CS-102B, OR APPROVED EQUAL, TO PREVENT INFILTRATION



Title: SANITARY SEWER MANHOLE		CITY OF NAPERVILLE STANDARD DETAIL	
Approved By:	DATE: 4/06/11	REV:	Detail: SAN 1
	SCALE: NTS		



- 1) DUCTILE IRON SHALL BE GRADE 60-40-18 AND SHALL BE TESTED IN ACCORDANCE WITH FEDERAL SPECIFICATIONS.
- 2) ALL FRAMES AND COVERS SHALL HAVE MACHINED HORIZONTAL AND VERTICAL BEARING SURFACES. PICK HOLES SHALL NOT CREATE OPENINGS IN THE COVER.
- 3) THE MANHOLE COVERS SHALL HAVE RAISED LETTERS AS SHOWN.
- 4) ALTERNATIVE TO DUCTILE IRON LID, IRON LID MAY BE USED.
- 5) MINIMUM WEIGHTS FOR CASTINGS AS SHOWN.
- 6) DIMENSIONS FOR CASTINGS ARE COMPARABLE TO EAST JORDAN 1022 OR NEENAH R-1772
- 7) WATERPROOF, BOLTDOWN FRAME AND COVER SHALL BE USED AS NOTED ON THE PLANS. NEENAH R-1916-F1 OR EAST JORDAN IRON WORKS 1040-ZPT (OR APPROVED EQUAL).
- 8) ALL CASTINGS SHALL BE SHOP PAINTED WITH AN ASPHALTIC BASE PAINT.

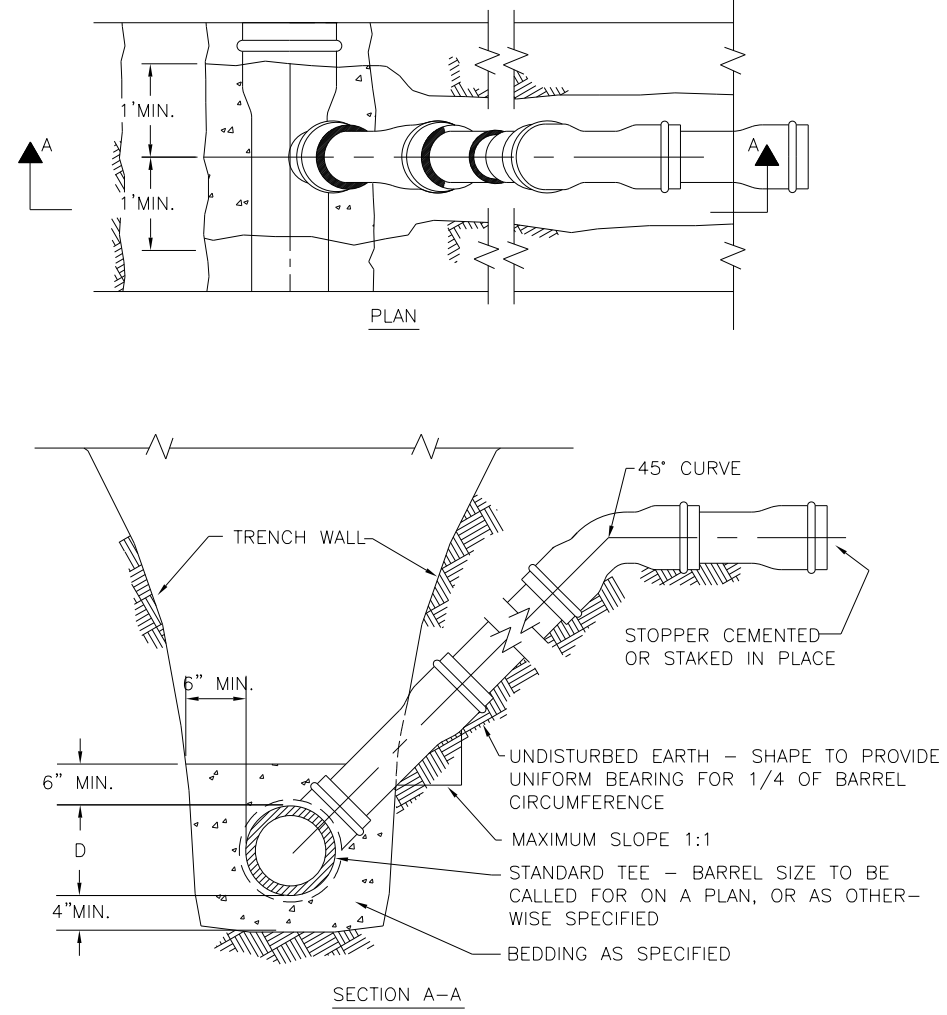
Title: SANITARY MANHOLE FRAME & COVER		CITY OF NAPERVILLE STANDARD DETAIL	
Approved By:	DATE: 4/06/11	REV:	Detail: SAN 3
	SCALE: NTS		

DESIGNED	PJO	REVISED	-
DRAWN	KES	REVISED	-
CHECKED	JCM	REVISED	-
DATE	12/14/2012	REVISED	-

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

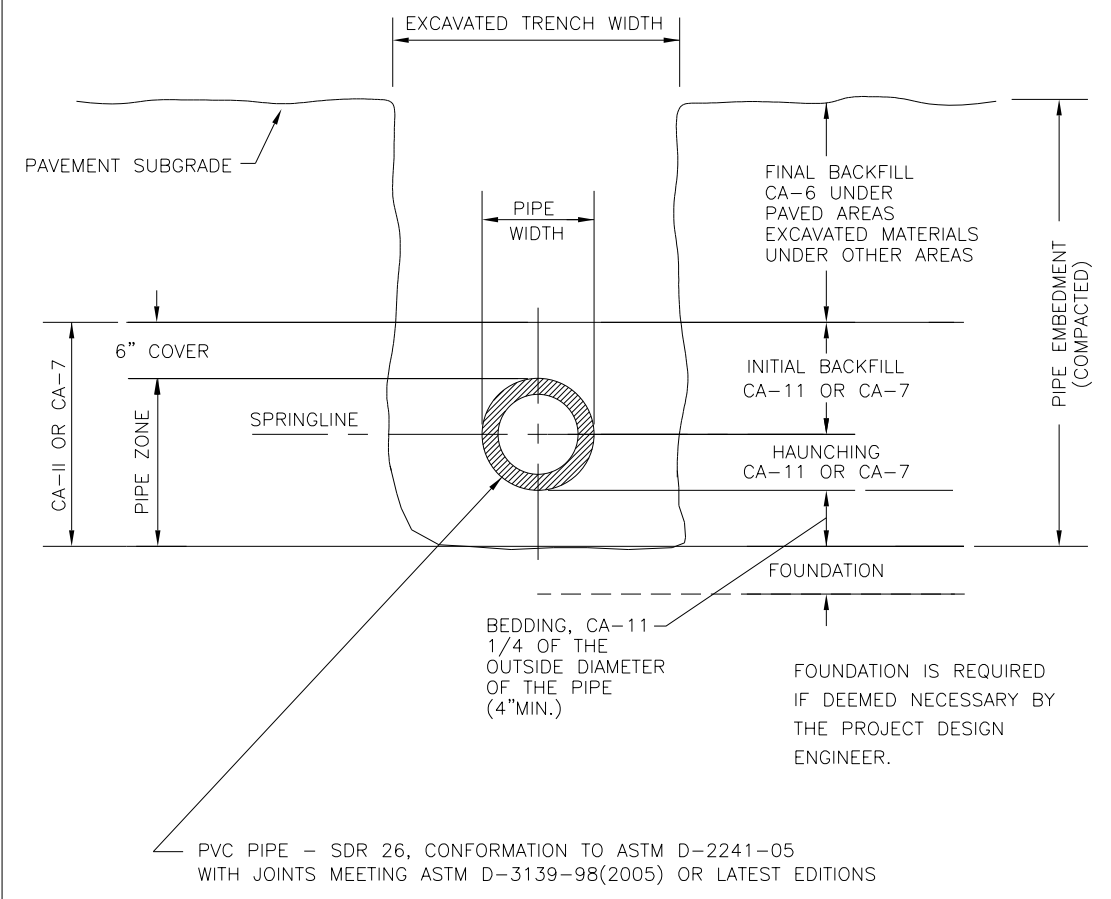
SANITARY SEWER STANDARD DRAWINGS  
SCALE: AS SHOWN SHEET NO. 1 OF 3 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
338	(112 & 113) WRS-6	DUPAGE	734	332
SAN STD-1			CONTRACT NO. 60R31	
ILLINOIS FED. AID PROJECT				



- NOTES:
- 1) THE OPEN ENDS SHALL BE PROTECTED FROM DEBRIS AND GROUNDWATER ENTERING THE LATERAL WITH AN APPROVED PLUG
  - 2) MAXIMUM SLOPE SHALL BE LESS THAN 1:1 WHEN IT IS NECESSARY TO SECURE BEDDING IN UNDISTURBED EARTH.
  - 3) WHEN A SERVICE CONNECTION IS TAPPED INTO PVC MAIN, THEN A SEWER SADDLE SHALL BE USED. CLOW TYPE "SEALTITE" OR APPROVED EQUAL. BANDS, NUTS AND BOLTS MUST BE STAINLESS STEEL.
  - 4) SDR 26 PVC PIPE MEETING REQUIREMENTS OF ASTM D-2241-05 AND JOINTS CONFORMING TO ASTM D-3139-98(2005) OR LATEST EDITIONS.

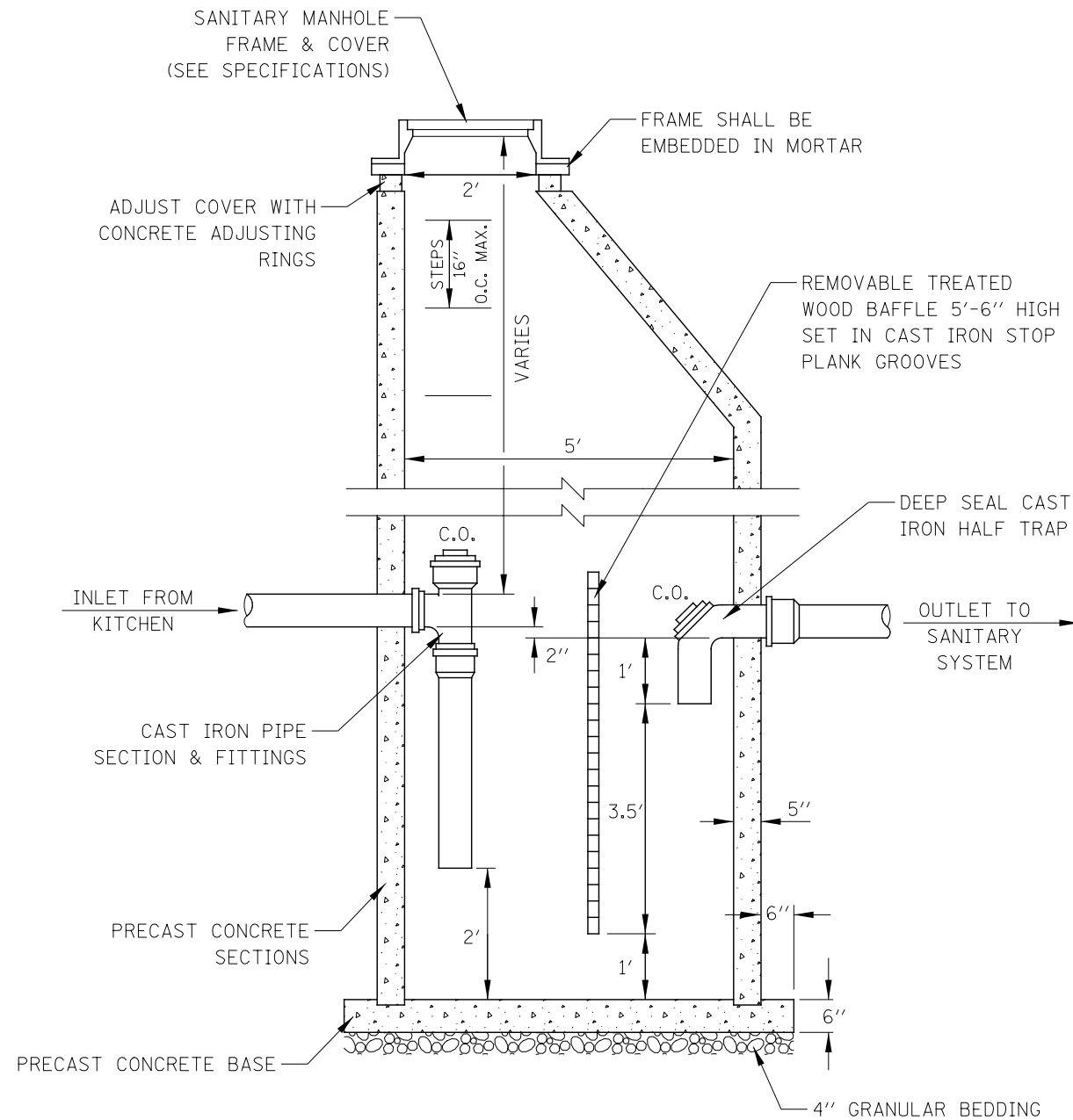
Title:		RISER FOR SERVICE LATERAL		CITY OF NAPERVILLE STANDARD DETAIL	
Approved By:		DATE: 4/06/11	REV:	Detail: SAN 4	
		SCALE: NTS			



NOTE:  
IN PAVED AREAS, ALL TRENCHES MUST BE COMPACTED IN CONFORMANCE WITH SECTION 550.07 OF THE STANDARD SPECIFICATIONS FOR ROAD & BRIDGE CONSTRUCTION

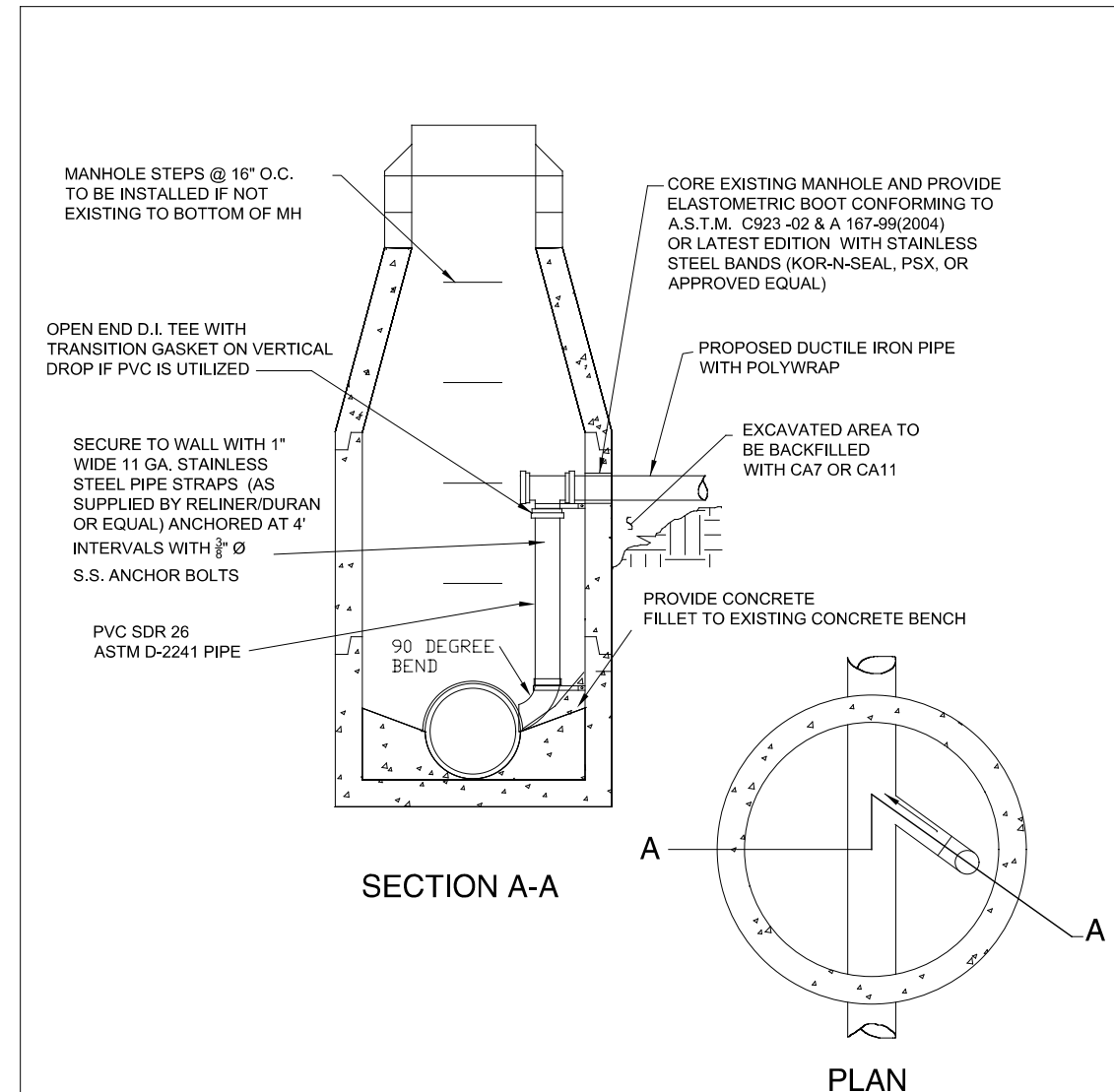
Title:		PVC TRENCH CROSS SECTION		CITY OF NAPERVILLE STANDARD DETAIL	
Approved By:		DATE: 4/06/11	REV:	Detail: SAN 10	
		SCALE: NTS			





GREASE TRAP DETAIL

1. ROTATE OPENING WITH FRAME AND LID SO THAT BOTH SIDES OF THE BAFFLE WALL CAN BE MAINTAINED (CLEANING OF STORAGE CHAMBERS AND CLEAN-OUTS).
2. IF A FLAT TOP LID IS REQUIRED, THEN TWO OPENINGS WILL BE REQUIRED, ONE ON EACH SIDE OF THE BAFFLE WALL AND CENTERED OVER THE CLEAN-OUTS.

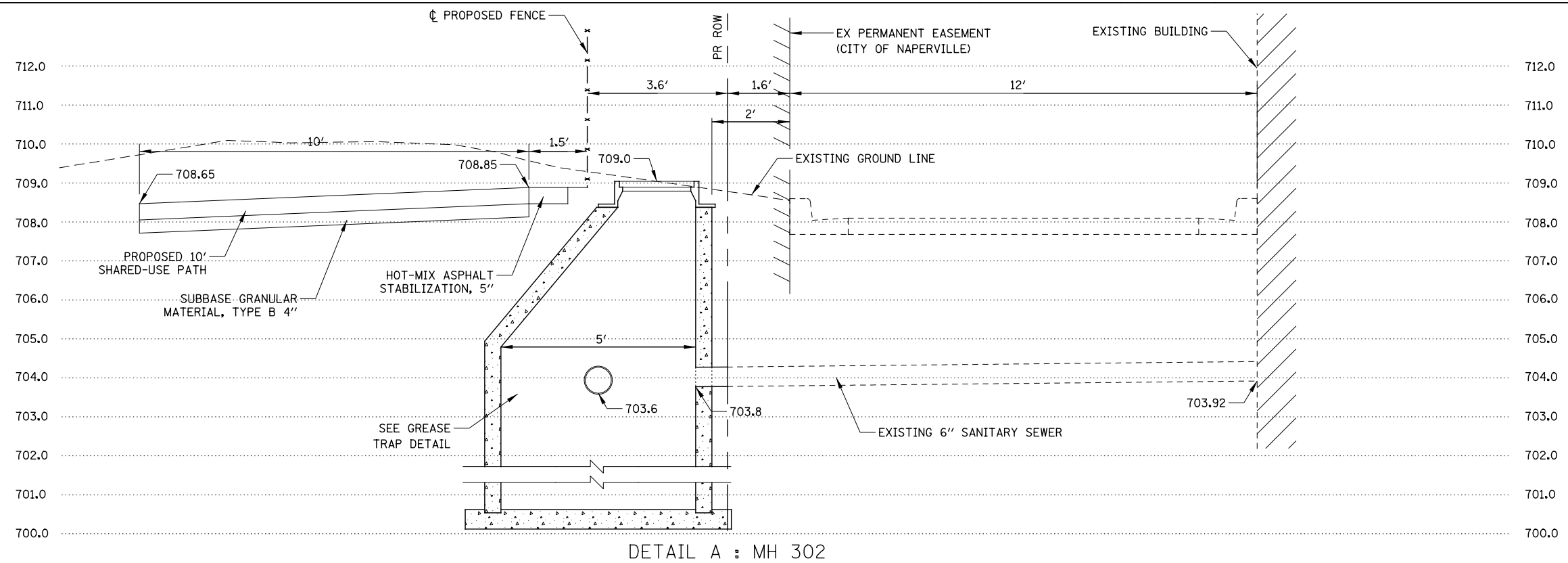


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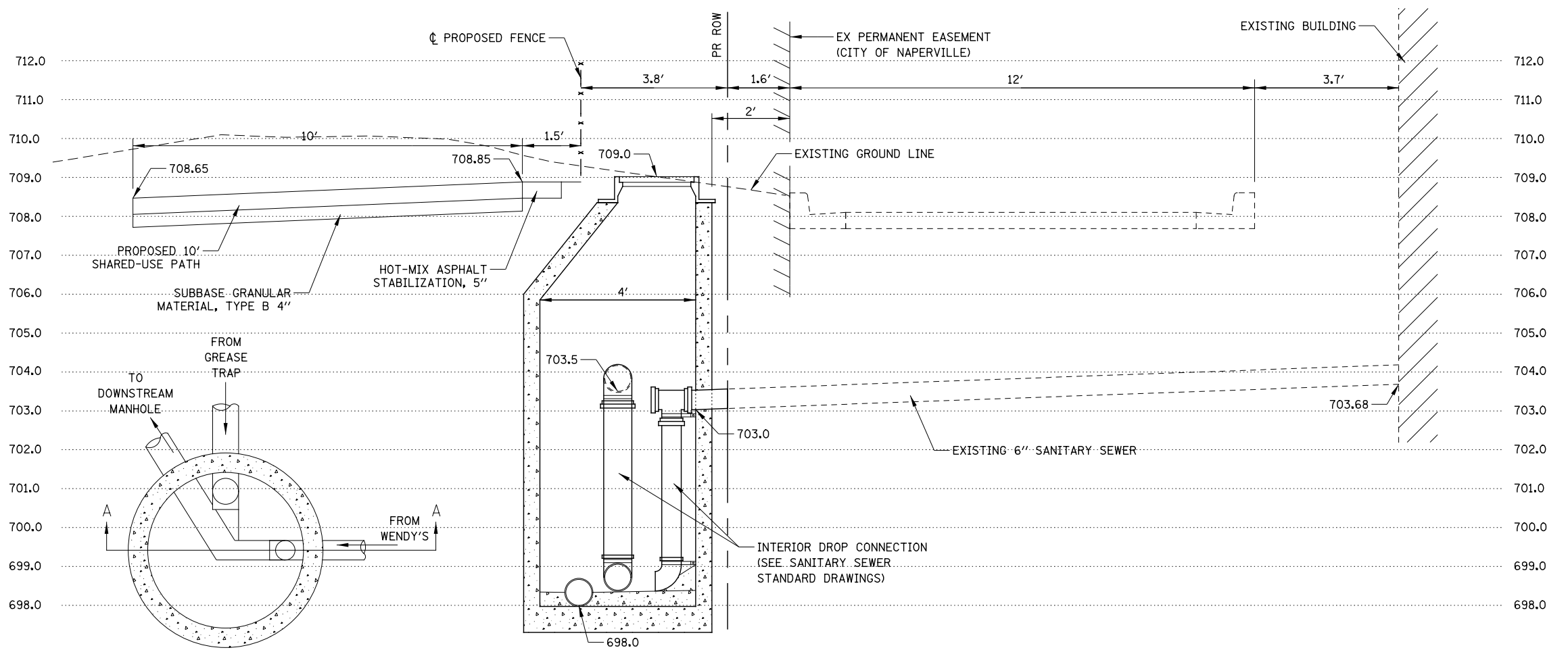
1. P.V.C. PIPE WITHIN MANHOLE SHALL BE SDR-26.
2. FLOWLINE OF DROP SHALL BE LOCATED BETWEEN CENTERLINE AND TOP OF SEWER MAIN.
3. EXISTING FLOW THROUGH MANHOLE SHALL BE UNOBSTRUCTED DURING CONSTRUCTION OR BYPASS PUMPED PER CITY APPROVAL.
4. ALL HARDWARE WITHIN MANHOLE SHALL BE 316 STAINLESS STEEL
5. ALL CONSTRUCTION SHALL BE IN ACCORDANCE WITH CITY OF NAPERVILLE DESIGN STANDARDS. INTERIOR DROP AND PROPOSED ELEVATIONS MUST BE APPROVED BY DEPARTMENT OF PUBLIC UTILITIES. FLEXIBLE COUPLING CONNECTING D.I. PIPE TO PVC PIPE SHALL BE A SHEAR RING TYPE COUPLING AS MANUFACTURED BY FERNCO, SERIES 1056 OR APPROVED EQUAL.

Title: <b>INTERIOR DROP CONNECTION</b>		CITY OF NAPERVILLE STANDARD DETAIL	
Approved By:	DATE: 12/2005	REV:	Detail:
	SCALE: NTS		

DESIGNED <i>PJO</i>	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>SANITARY SEWER STANDARD DRAWINGS</b>	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
DRAWN <i>KES</i>	REVISED -			338	(112 & 113) WRS-6	DUPAGE	734	334
CHECKED <i>JCM</i>	REVISED -			<b>SAN STD-3</b>		CONTRACT NO. 60R31		
DATE <i>12/14/2012</i>	REVISED -			ILLINOIS FED. AID PROJECT				
				SCALE: AS SHOWN	SHEET NO. 3 OF 3 SHEETS	STA.	TO STA.	



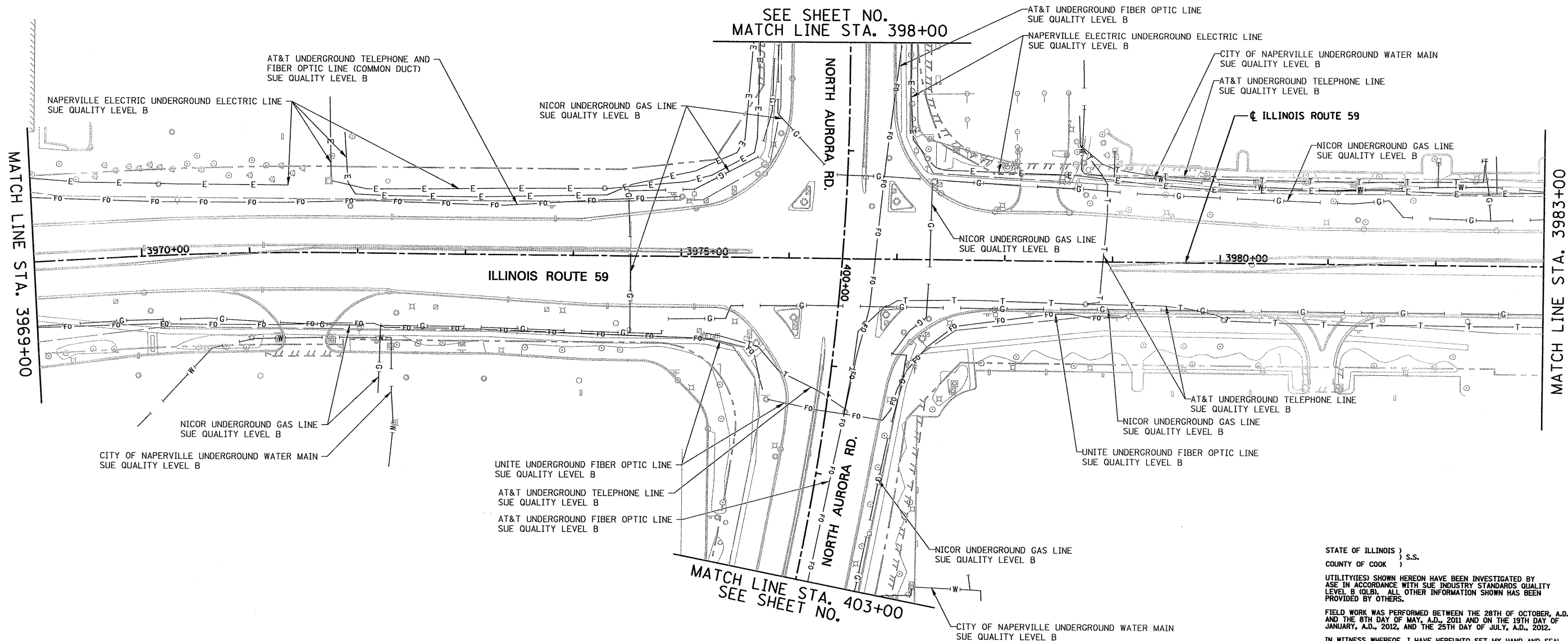
DETAIL A : MH 302



DETAIL B : MH 301  
SECTION A-A

PLAN

DESIGNED	PJO	REVISED	-	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>SANITARY SEWER DETAILS</b>			F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
DRAWN	KES	REVISED	-		338	(112 & 113) WRS-6	DUPAGE	734	335			
CHECKED	JCM	REVISED	-		<b>SAN DTL-1</b>			CONTRACT NO. 60R31				
DATE	12/14/2012	REVISED	-		ILLINOIS FED. AID PROJECT							
					SCALE: AS SHOWN	SHEET NO. 1 OF 1 SHEETS	STA.	TO STA.				



SEE SHEET NO.  
MATCH LINE STA. 398+00

MATCH LINE STA. 3969+00

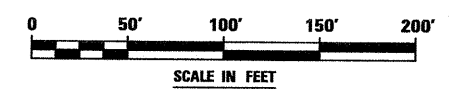
MATCH LINE STA. 3983+00

MATCH LINE STA. 403+00  
SEE SHEET NO.

STATE OF ILLINOIS )  
COUNTY OF COOK ) s.s.  
UTILITIES SHOWN HEREON HAVE BEEN INVESTIGATED BY  
ASE IN ACCORDANCE WITH SUE INDUSTRY STANDARDS QUALITY  
LEVEL B (QLB). ALL OTHER INFORMATION SHOWN HAS BEEN  
PROVIDED BY OTHERS.  
FIELD WORK WAS PERFORMED BETWEEN THE 28TH OF OCTOBER, A.D., 2010  
AND THE 8TH DAY OF MAY, A.D., 2011 AND ON THE 19TH DAY OF  
JANUARY, A.D., 2012, AND THE 25TH DAY OF JULY, A.D., 2012.  
IN WITNESS WHEREOF, I HAVE HERETO SET MY HAND AND SEAL  
THIS 10TH DAY OF AUGUST A.D., 2012. CHICAGO, IL.

*Steven M. Rienks*  
STEVEN M. RIENKS - ILLINOIS PROFESSIONAL  
ENGINEER NUMBER 62-044619  
MY LICENSE EXPIRES 11/30/2013

- LEGEND**
- T— EXISTING UNDERGROUND TELEPHONE
  - W— EXISTING UNDERGROUND WATER
  - E— EXISTING UNDERGROUND ELECTRIC
  - G— EXISTING UNDERGROUND GAS
  - CTV— EXISTING UNDERGROUND CABLE TV
  - FO— EXISTING UNDERGROUND FIBER OPTIC
  - SS— EXISTING UNDERGROUND SANITARY SEWER
  - EOGI END OF SURFACE GEOPHYSICAL INFORMATION



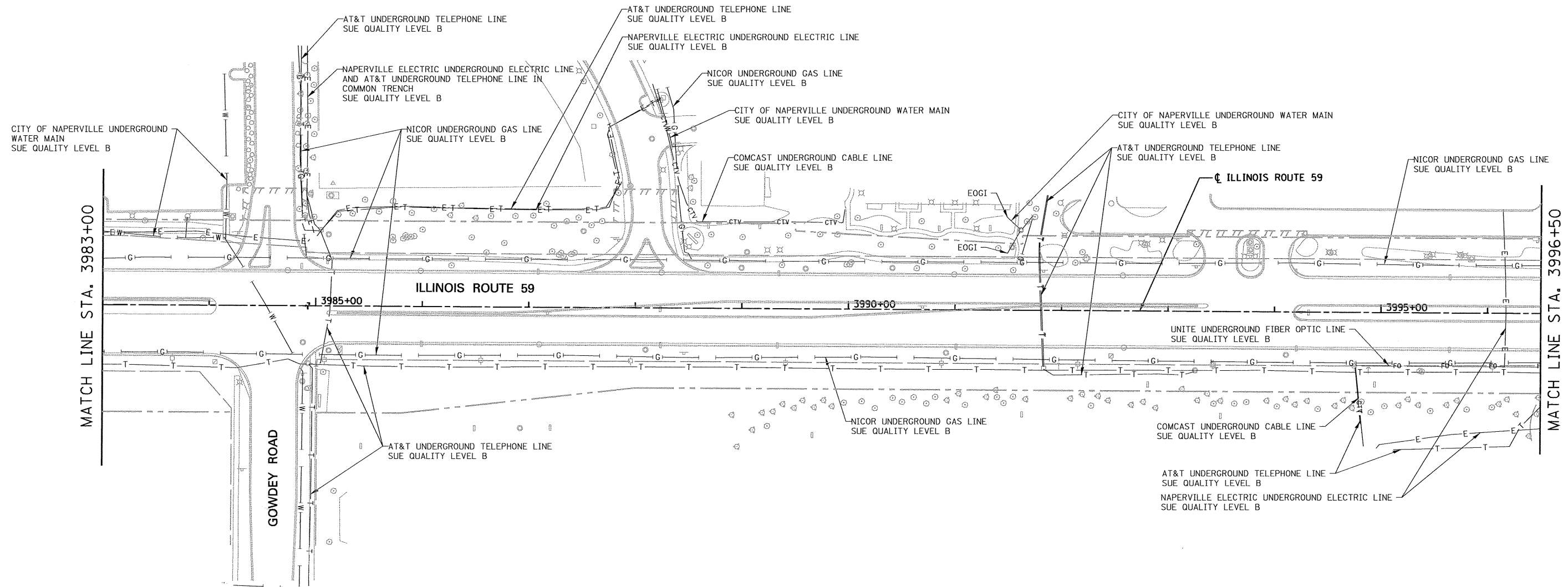
**AMERICAN**  
SURVEYING & ENGINEERING, P.C.  
CHICAGO OFFICE  
312-277-2000 / Fax 312-277-2002  
Naperville Office  
630-897-4105 / Fax 630-897-4121  
Moline Office  
314-463-1322

USER NAME = #USER#	DESIGNED T.SANDERSON	REVISED - 1/23/2012
6799-ah-t-SUE-07.dgn	DRAWN B.TRAVER	REVISED -
PLOT SCALE = 50.00' / IN.	CHECKED S.RIENKS	REVISED -
PLOT DATE = 8/10/2012	DATE 5/13/2011	REVISED -

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

<b>SUE INVESTIGATION OF UNDERGROUND UTILITIES</b>	
<b>NEW YORK STREET TO FERRY ROAD</b>	
SCALE: AS SHOWN	SHEET NO. 7 OF 27 SHEETS
STA. 3969+00	TO STA. 3983+00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
338/IL 59	(112 & 113) WRS-6	DUPAGE	734	336
CONTRACT NO. 60R31			ILLINOIS FED. AID PROJECT	



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

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

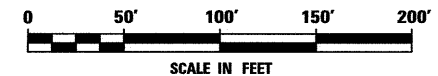
FIELD WORK WAS PERFORMED BETWEEN THE 28TH OF OCTOBER, A.D., 2010 AND THE 8TH DAY OF MAY, A.D., 2011.

IN WITNESS WHEREOF, I HAVE HEREUNTO SET MY HAND AND SEAL THIS 13TH DAY OF MAY A.D., 2011. CHICAGO, IL.

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



- LEGEND**
- T — EXISTING UNDERGROUND TELEPHONE
  - W — EXISTING UNDERGROUND WATER
  - E — EXISTING UNDERGROUND ELECTRIC
  - G — EXISTING UNDERGROUND GAS
  - CTV — EXISTING UNDERGROUND CABLE TV
  - FO — EXISTING UNDERGROUND FIBER OPTIC
  - S — EXISTING UNDERGROUND SANITARY SEWER
  - EOGI END OF SURFACE GEOPHYSICAL INFORMATION



USER NAME = #USER#	DESIGNED T.SANDERSON	REVISED -
	DRAWN B.TRAVER	REVISED -
PLOT SCALE = 50.00' / IN.	CHECKED S.RIENKS	REVISED -
PLOT DATE = 5/12/2011	DATE 5/13/2011	REVISED -

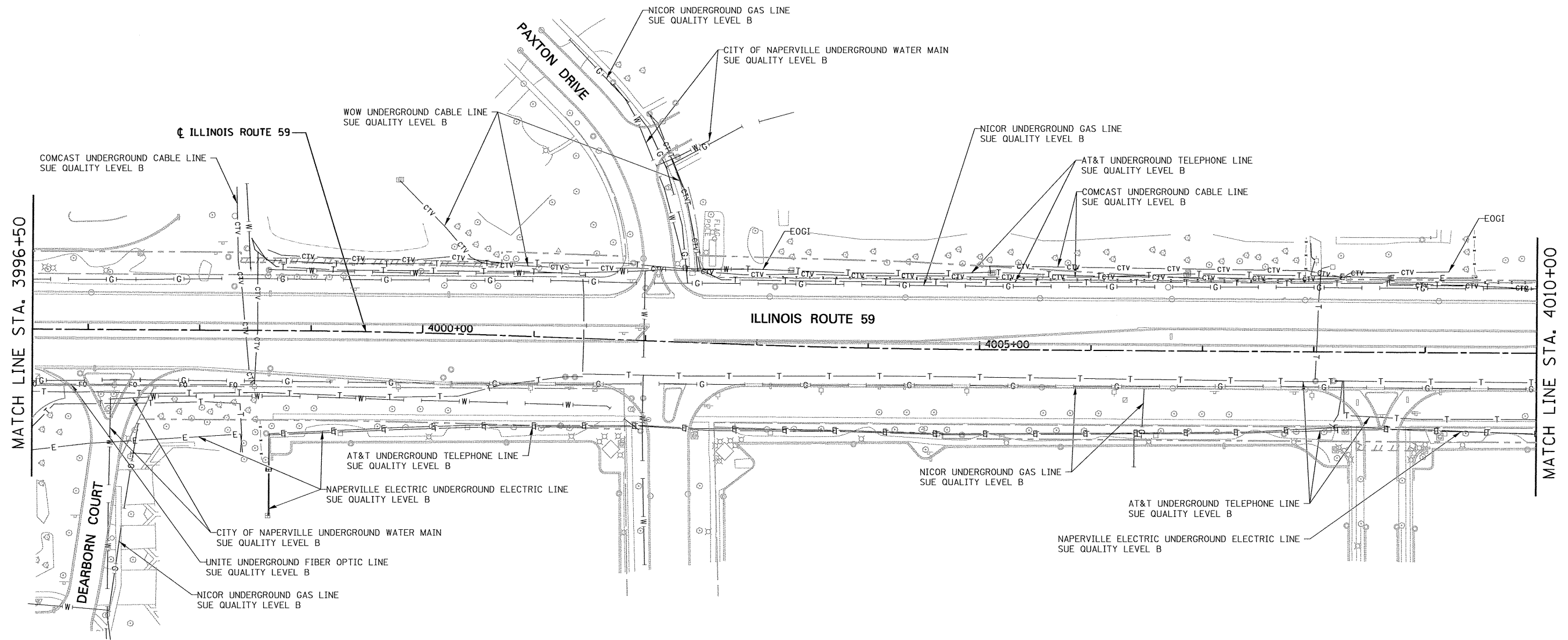
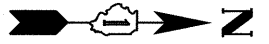
**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

**SUE INVESTIGATION OF UNDERGROUND UTILITIES  
 NEW YORK STREET TO FERRY ROAD**

SCALE: AS SHOWN SHEET NO. 8 OF 27 SHEETS STA. 3983+00 TO STA. 3996+50

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
338/IL 59	(112 & 113) WRS-6	DUPAGE	734	337
			CONTRACT NO. 60R31	
ILLINOIS FED. AID PROJECT				

6799-ah-t-SUE-08.dgn



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

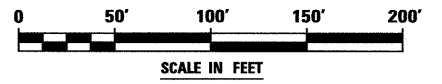
UTILITY(IES) SHOWN HEREON HAVE BEEN INVESTIGATED BY ASE IN ACCORDANCE WITH SUE INDUSTRY STANDARDS QUALITY LEVEL B (QLB). ALL OTHER INFORMATION SHOWN HAS BEEN PROVIDED BY OTHERS.

FIELD WORK WAS PERFORMED BETWEEN THE 28TH OF OCTOBER, A.D., 2010 AND THE 8TH DAY OF MAY, A.D., 2011.

IN WITNESS WHEREOF, I HAVE HERETO SET MY HAND AND SEAL THIS 13TH DAY OF MAY A.D., 2011. CHICAGO, IL.

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

- LEGEND**
- T — EXISTING UNDERGROUND TELEPHONE
  - (W) — EXISTING UNDERGROUND WATER
  - E — EXISTING UNDERGROUND ELECTRIC
  - (G) — EXISTING UNDERGROUND GAS
  - CTV — EXISTING UNDERGROUND CABLE TV
  - FO — EXISTING UNDERGROUND FIBER OPTIC
  - S — EXISTING UNDERGROUND SANITARY SEWER
  - EOGI END OF SURFACE GEOPHYSICAL INFORMATION



**AMERICAN**  
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SURVEYORS - ENGINEERS  
GEODESISTS - MAPPING SCIENTISTS  
Chicago 312-277-2000 / Fax 312-277-2002  
Downers Grove 630-897-4105 / Fax 630-897-4121  
Illinois Professional Design Firm No. 184-003192

USER NAME = #USER#	DESIGNED T.SANDERSON	REVISED -
	DRAWN B.TRAVER	REVISED -
PLOT SCALE = 50.00' / IN.	CHECKED S.RIENKS	REVISED -
PLOT DATE = 5/12/2011	DATE 5/13/2011	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

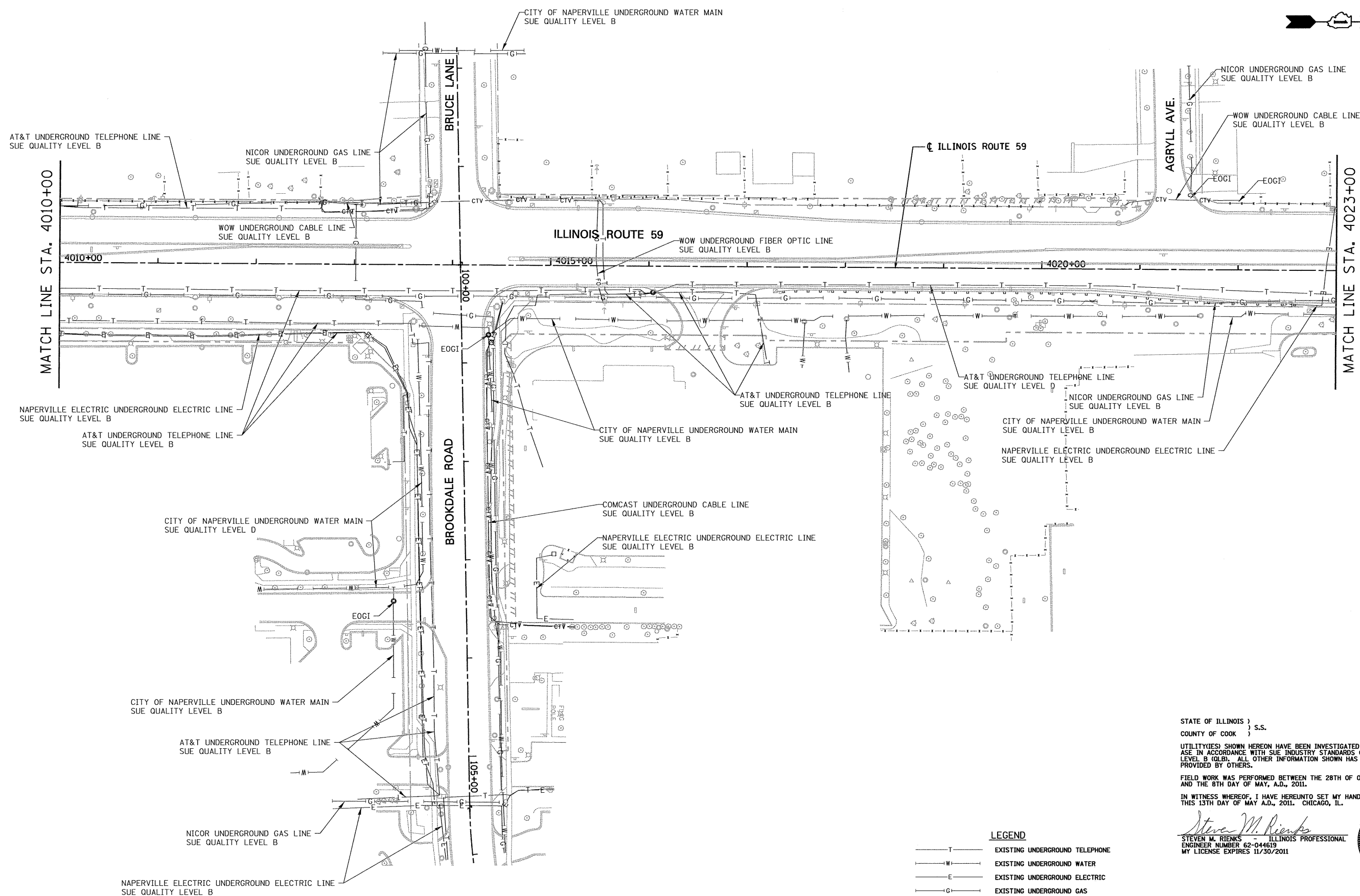
**SUE INVESTIGATION OF UNDERGROUND UTILITIES  
NEW YORK STREET TO FERRY ROAD**

SCALE: AS SHOWN SHEET NO. 9 OF 27 SHEETS STA. 3996+50 TO STA. 4010+00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
338/IL 59	(112 & 113) WRS-6	DUPAGE	734	338
CONTRACT NO. 60R31			ILLINOIS FED. AID PROJECT	

6799-aht-SUE-09.dgn





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

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

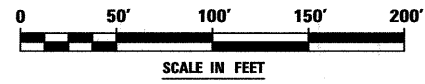
FIELD WORK WAS PERFORMED BETWEEN THE 28TH OF OCTOBER, A.D., 2010 AND THE 8TH DAY OF MAY, A.D., 2011.

IN WITNESS WHEREOF, I HAVE HEREUNTO SET MY HAND AND SEAL THIS 13TH DAY OF MAY A.D., 2011. CHICAGO, IL.

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



- LEGEND**
- T — EXISTING UNDERGROUND TELEPHONE
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  - G — EXISTING UNDERGROUND GAS
  - CTV — EXISTING UNDERGROUND CABLE TV
  - FO — EXISTING UNDERGROUND FIBER OPTIC
  - S — EXISTING UNDERGROUND SANITARY SEWER
  - EOGI END OF SURFACE GEOPHYSICAL INFORMATION



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Chicago 312-277-2000 / Fax 312-277-2002  
Dixon 815-288-6231 / Fax 815-288-6277  
Aurora 603-897-4105 / Fax 630-897-4121  
Illinois Professional Design Firm No. 184-003192

USER NAME = \$USER\$	DESIGNED T.SANDERSON	REVISED -
	DRAWN B.TRAVER	REVISED -
PLOT SCALE = 50.00' / IN.	CHECKED S.RIENKS	REVISED -
PLOT DATE = 5/12/2011	DATE 5/13/2011	REVISED -

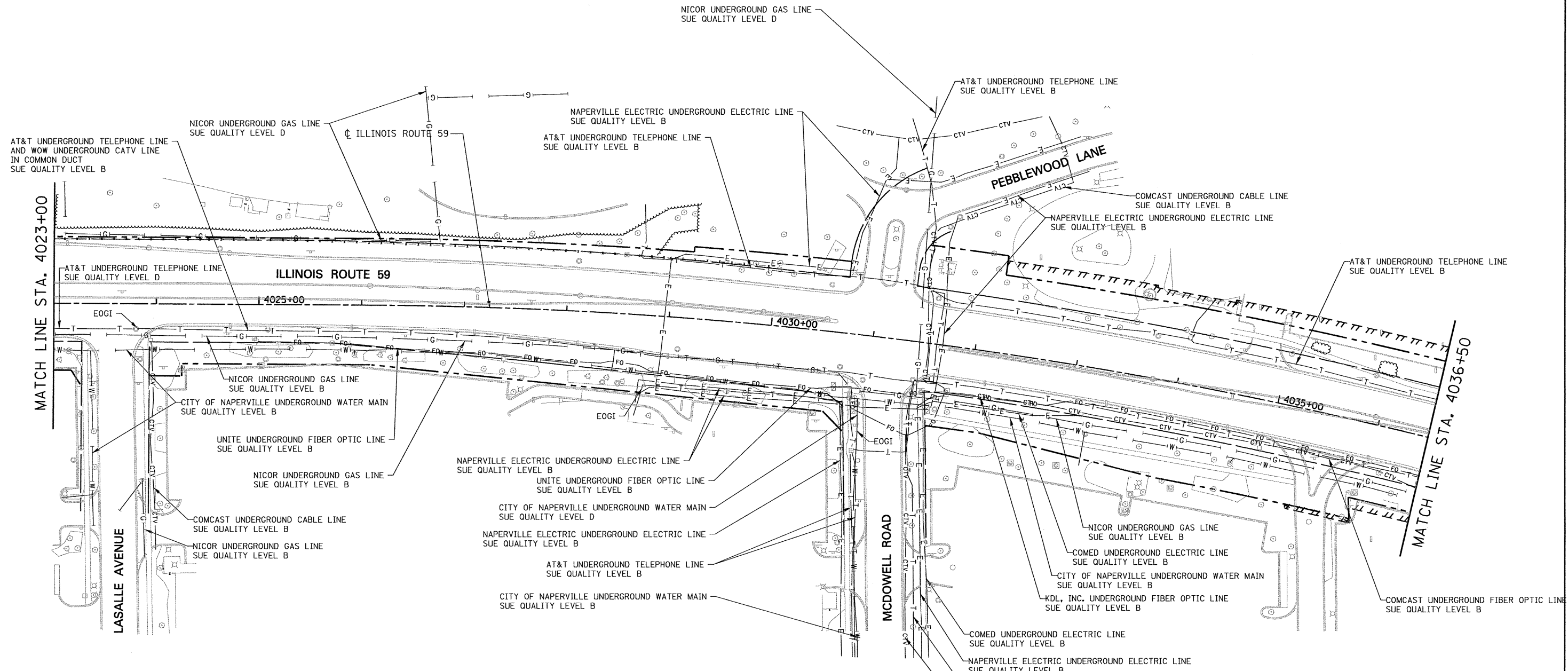
**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**SUE INVESTIGATION OF UNDERGROUND UTILITIES  
NEW YORK STREET TO FERRY ROAD**

SCALE: AS SHOWN SHEET NO. 10 OF 27 SHEETS STA. 4010+00 TO STA. 4023+00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
338/IL 59	(112 & 113) WRS-6	DUPAGE	734	339
			CONTRACT NO. 60R31	
ILLINOIS FED. AID PROJECT				

6799-ahf-SUE-10.dgn



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

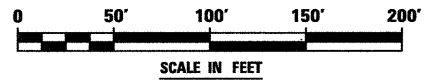
UTILITY(IES) SHOWN HEREON HAVE BEEN INVESTIGATED BY ASE IN ACCORDANCE WITH SUE INDUSTRY STANDARDS QUALITY LEVEL B (QLB). ALL OTHER INFORMATION SHOWN HAS BEEN PROVIDED BY OTHERS.

FIELD WORK WAS PERFORMED BETWEEN THE 28TH OF OCTOBER, A.D., 2010 AND THE 8TH DAY OF MAY, A.D., 2011, AND THE 25TH OF JULY, A.D., 2012.

IN WITNESS WHEREOF, I HAVE HERELUNTO SET MY HAND AND SEAL THIS 10TH DAY OF AUGUST A.D., 2012. CHICAGO, IL.

*Steven M. Rienks*  
STEVEN M. RIENKS - ILLINOIS PROFESSIONAL ENGINEER NUMBER 62-044619  
MY LICENSE EXPIRES 11/30/2013

- LEGEND**
- T — EXISTING UNDERGROUND TELEPHONE
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  - EOGI END OF SURFACE GEOPHYSICAL INFORMATION



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Darien 815-288-6231 / Fax 815-288-6277  
Aurora 603-897-4105 / Fax 630-897-4121  
Illinois Professional Design Firm No. 184-003192

USER NAME = #USER#	DESIGNED T.SANDERSON	REVISED -
6799-ah-t-SUE-11.dgn	DRAWN B.TRAVER	REVISED -
PLOT SCALE = 50.00' / IN.	CHECKED S.RIENKS	REVISED -
PLOT DATE = 8/14/2012	DATE 5/13/2011	REVISED -

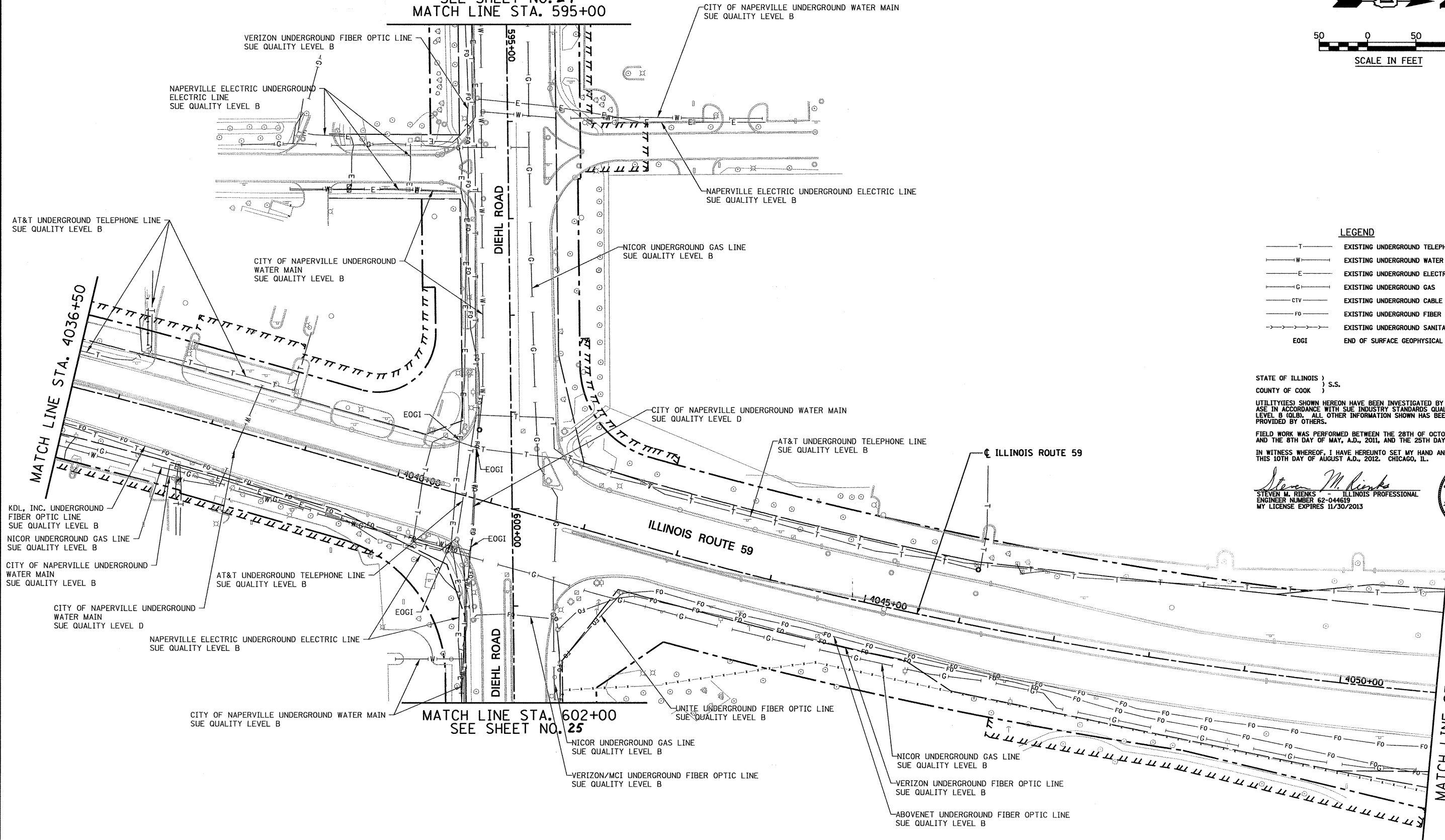
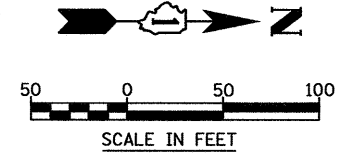
**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**SUE INVESTIGATION OF UNDERGROUND UTILITIES  
NEW YORK STREET TO FERRY ROAD**

SCALE: AS SHOWN SHEET NO. 11 OF 27 SHEETS STA. 4023+00 TO STA. 4036+50

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
338/IL 59	(112 & 113) WRS-6	DUPAGE	734	340
CONTRACT NO. 60R31			ILLINOIS FED. AID PROJECT	

SEE SHEET NO. 24  
MATCH LINE STA. 595+00



**LEGEND**

- T — EXISTING UNDERGROUND TELEPHONE
- W — EXISTING UNDERGROUND WATER
- E — EXISTING UNDERGROUND ELECTRIC
- G — EXISTING UNDERGROUND GAS
- CTV — EXISTING UNDERGROUND CABLE TV
- FO — EXISTING UNDERGROUND FIBER OPTIC
- S — EXISTING UNDERGROUND SANITARY SEWER
- EOGI END OF SURFACE GEOPHYSICAL INFORMATION

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

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

FIELD WORK WAS PERFORMED BETWEEN THE 28TH OF OCTOBER, A.D., 2010 AND THE 8TH DAY OF MAY, A.D., 2011, AND THE 25TH DAY OF JULY, A.D., 2012.

IN WITNESS WHEREOF, I HAVE HEREUNTO SET MY HAND AND SEAL THIS 10TH DAY OF AUGUST A.D., 2012. CHICAGO, IL.

*Steven M. Riens*  
STEVEN M. RIENS ILLINOIS PROFESSIONAL  
ENGINEER NUMBER 62-044619  
MY LICENSE EXPIRES 11/30/2013



**AMERICAN**  
SURVEYING & ENGINEERING, P.C.  
SURVEYORS - ENGINEERS  
GEOLOGISTS - MAPPING SCIENTISTS  
Chicago 312-277-2000 / Fax 312-277-2002  
Downers Grove 630-897-4105 / Fax 630-897-4121  
Illinois Professional Design Firm No. 184-003192

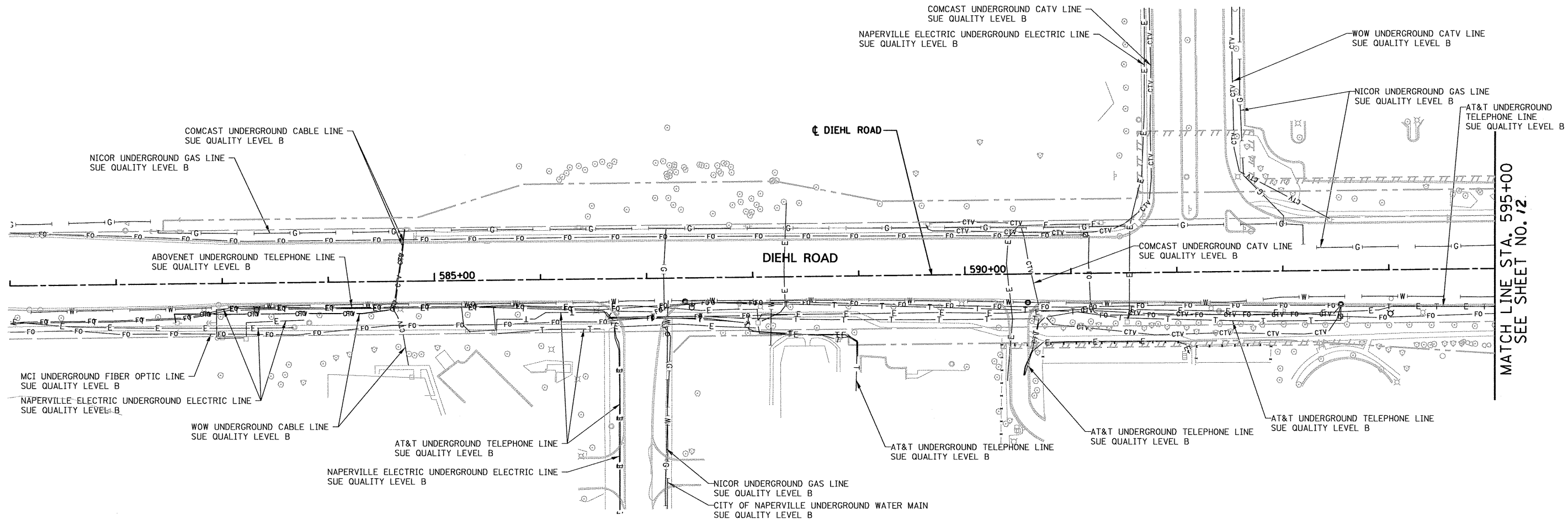
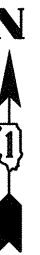
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6799-ahc-SUE-12.dgn	DRAWN B.TRAVER	REVISED -
PLOT SCALE = 50.00' / IN.	CHECKED S.RIENS	REVISED -
PLOT DATE = 8/10/2012	DATE 5/13/2011	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**SUE INVESTIGATION OF UNDERGROUND UTILITIES  
NEW YORK STREET TO FERRY ROAD**

SCALE: AS SHOWN SHEET NO. 12 OF 27 SHEETS STA. 4036+50 TO STA. 4051+00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
338/IL 59	(112 & 113) WRS-6	DUPAGE	734	341
				CONTRACT NO. 60R31
ILLINOIS FED. AID PROJECT				



MATCH LINE STA. 595+00  
SEE SHEET NO. 12

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

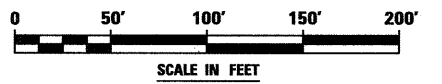
UTILITY(IES) SHOWN HEREON HAVE BEEN INVESTIGATED BY ASE IN ACCORDANCE WITH SUE INDUSTRY STANDARDS QUALITY LEVEL B (QLB). ALL OTHER INFORMATION SHOWN HAS BEEN PROVIDED BY OTHERS.

FIELD WORK WAS PERFORMED BETWEEN THE 28TH OF OCTOBER, A.D., 2010 AND THE 8TH DAY OF MAY, A.D., 2011, AND THE 25TH OF JULY, A.D., 2012.

IN WITNESS WHEREOF, I HAVE HEREUNTO SET MY HAND AND SEAL THIS 10TH DAY OF AUGUST A.D., 2012. CHICAGO, IL.

*Steven M. Rienks*  
STEVEN M. RIENKS - ILLINOIS PROFESSIONAL ENGINEER NUMBER 62-044619  
MY LICENSE EXPIRES 11/30/2013

- LEGEND**
- T — EXISTING UNDERGROUND TELEPHONE
  - W — EXISTING UNDERGROUND WATER
  - E — EXISTING UNDERGROUND ELECTRIC
  - G — EXISTING UNDERGROUND GAS
  - CTV — EXISTING UNDERGROUND CABLE TV
  - FO — EXISTING UNDERGROUND FIBER OPTIC
  - SS — EXISTING UNDERGROUND SANITARY SEWER
  - EOGI END OF SURFACE GEOPHYSICAL INFORMATION



**AMERICAN**  
SURVEYING & ENGINEERING, P.C.  
SURVEYORS - ENGINEERS  
GEODESISTS - MAPPING SCIENTISTS  
Chicago 312-277-2000 / Fax 312-277-2002  
Dixons 815-288-6231 / Fax 815-288-6277  
Aurora 603-897-4105 / Fax 630-897-4121  
Illinois Professional Design Firm No. 184-003192

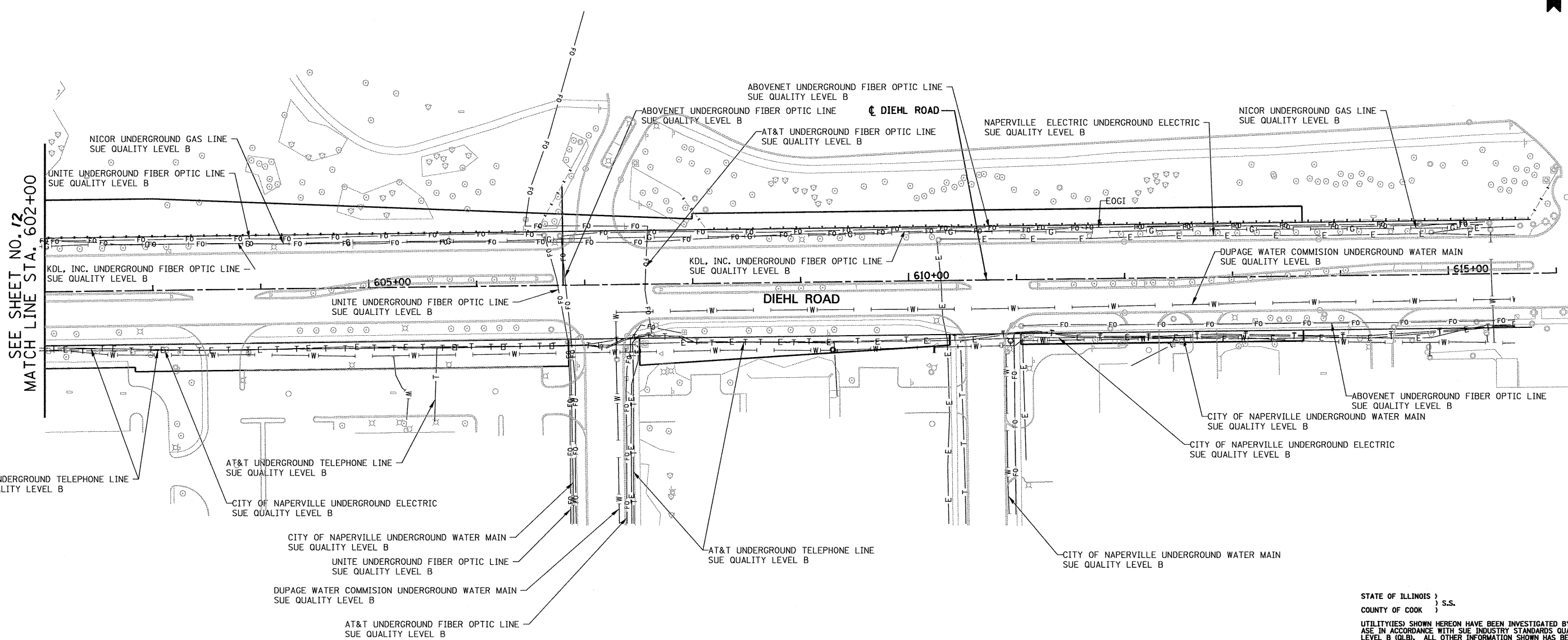
USER NAME = #USER#	DESIGNED T.SANDERSON	REVISED -
6799-ah-t-SUE-12A.dgn	DRAWN B.TRAVER	REVISED -
PLOT SCALE = 50.00' / IN.	CHECKED S.RIENKS	REVISED -
PLOT DATE = 8/10/2012	DATE 5/13/2011	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**SUE INVESTIGATION OF UNDERGROUND UTILITIES  
NEW YORK STREET TO FERRY ROAD**

SCALE: AS SHOWN SHEET NO. 24 OF 27 SHEETS STA. 81+00 TO STA. 95+00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
338/IL 59	(112 & 113) WRS-6	DUPAGE	734	342
CONTRACT NO. 60R31			ILLINOIS FED. AID PROJECT	



SEE SHEET NO. 12  
MATCH LINE STA. 602+00

AT&T UNDERGROUND TELEPHONE LINE  
SUE QUALITY LEVEL B

NICOR UNDERGROUND GAS LINE  
SUE QUALITY LEVEL B

UNITE UNDERGROUND FIBER OPTIC LINE  
SUE QUALITY LEVEL B

KDL, INC. UNDERGROUND FIBER OPTIC LINE  
SUE QUALITY LEVEL B

UNITE UNDERGROUND FIBER OPTIC LINE  
SUE QUALITY LEVEL B

AT&T UNDERGROUND TELEPHONE LINE  
SUE QUALITY LEVEL B

AT&T UNDERGROUND TELEPHONE LINE  
SUE QUALITY LEVEL B

CITY OF NAPERVILLE UNDERGROUND ELECTRIC  
SUE QUALITY LEVEL B

CITY OF NAPERVILLE UNDERGROUND WATER MAIN  
SUE QUALITY LEVEL B

UNITE UNDERGROUND FIBER OPTIC LINE  
SUE QUALITY LEVEL B

DUPAGE WATER COMMISSION UNDERGROUND WATER MAIN  
SUE QUALITY LEVEL B

AT&T UNDERGROUND FIBER OPTIC LINE  
SUE QUALITY LEVEL B

ABOVENET UNDERGROUND FIBER OPTIC LINE  
SUE QUALITY LEVEL B

ABOVENET UNDERGROUND FIBER OPTIC LINE  
SUE QUALITY LEVEL B

ABOVENET UNDERGROUND FIBER OPTIC LINE  
SUE QUALITY LEVEL B

AT&T UNDERGROUND FIBER OPTIC LINE  
SUE QUALITY LEVEL B

KDL, INC. UNDERGROUND FIBER OPTIC LINE  
SUE QUALITY LEVEL B

DIEHL ROAD

NAPERVILLE ELECTRIC UNDERGROUND ELECTRIC  
SUE QUALITY LEVEL B

NICOR UNDERGROUND GAS LINE  
SUE QUALITY LEVEL B

DUPAGE WATER COMMISSION UNDERGROUND WATER MAIN  
SUE QUALITY LEVEL B

ABOVENET UNDERGROUND FIBER OPTIC LINE  
SUE QUALITY LEVEL B

CITY OF NAPERVILLE UNDERGROUND WATER MAIN  
SUE QUALITY LEVEL B

CITY OF NAPERVILLE UNDERGROUND ELECTRIC  
SUE QUALITY LEVEL B

CITY OF NAPERVILLE UNDERGROUND WATER MAIN  
SUE QUALITY LEVEL B

AT&T UNDERGROUND TELEPHONE LINE  
SUE QUALITY LEVEL B

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

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

FIELD WORK WAS PERFORMED BETWEEN THE 28TH OF OCTOBER, A.D., 2010  
AND THE 8TH DAY OF MAY, A.D., 2011, AND THE 25TH OF JULY, A.D., 2012.

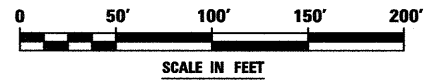
IN WITNESS WHEREOF, I HAVE HEREUNTO SET MY HAND AND SEAL  
THIS 10TH DAY OF AUGUST A.D., 2012. CHICAGO, IL.

*Steven M. Rienks*  
STEVEN M. RIENKS - ILLINOIS PROFESSIONAL  
ENGINEER NUMBER 62-044619  
MY LICENSE EXPIRES 11/30/2013



**LEGEND**

- T — EXISTING UNDERGROUND TELEPHONE
- W — EXISTING UNDERGROUND WATER
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- S — EXISTING UNDERGROUND SANITARY SEWER
- EOGI END OF SURFACE GEOPHYSICAL INFORMATION



**AMERICAN**  
SURVEYING & ENGINEERING, P.C.  
SURVEYORS - ENGINEERS  
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Chicago 312-277-2000 / Fax 312-277-2002  
Dixons 815-288-6231 / Fax 815-288-6277  
Aurora 603-897-4105 / Fax 630-897-4121  
Illinois Professional Design Firm No. 194-003192

USER NAME = #USER#	DESIGNED T.SANDERSON	REVISED -
6799-sh-t-SUE-12B.dgn	DRAWN B.TRAVER	REVISED -
PLOT SCALE = 50.00' / IN.	CHECKED S.RIENKS	REVISED -
PLOT DATE = 8/14/2012	DATE 5/13/2011	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**SUE INVESTIGATION OF UNDERGROUND UTILITIES  
NEW YORK STREET TO FERRY ROAD**

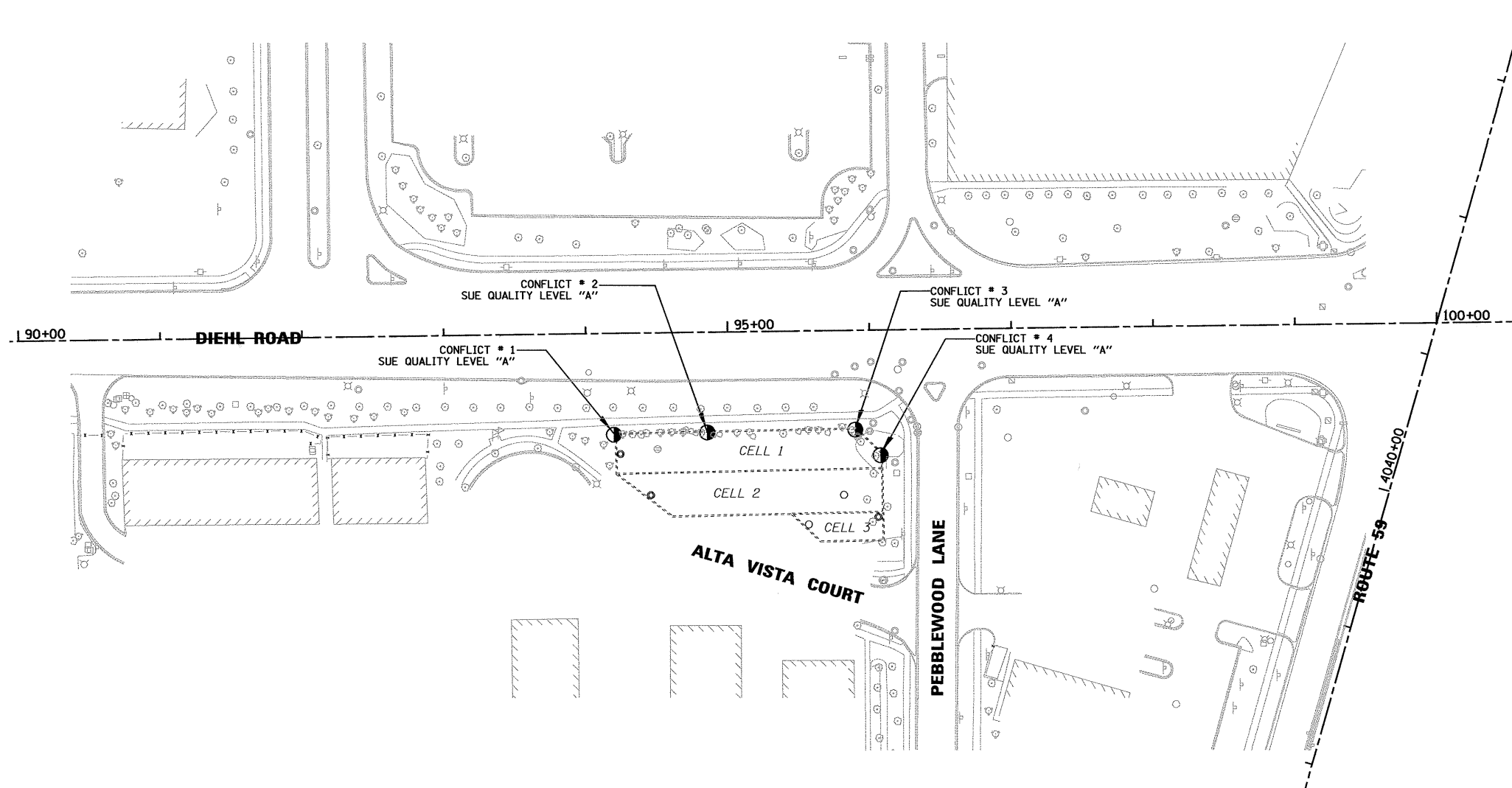
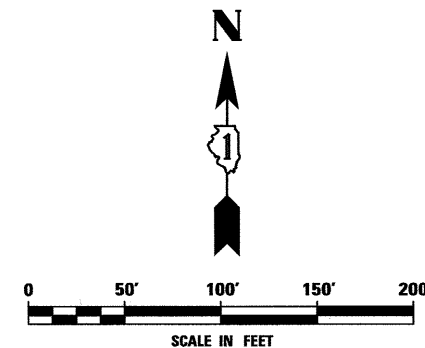
SCALE: AS SHOWN SHEET NO. 25 OF 27 SHEETS STA. 102+00 TO STA. 116+00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
338/IL 59	(112 & 113) WRS-6	DUPAGE	734	343
CONTRACT NO. 60R31			ILLINOIS FED. AID PROJECT	



VERIFIED UTILITY INFORMATION - SUE QUALITY LEVEL A

CONFLICT NO.	SIZE/TYPE	NORTHING	EASTING	STATION	OFFSET	TOP OF UTILITY	EXISTING CUT	REFERENCE ELEV.	COMMENTS
1	NORTHWEST CORNER	869411.270	18834.402	94+19.07	71.35' RT	707.41	6.40	713.81	UNDERGROUND DETENTION CHAMBER
2	NORTH EDGE	869412.831	18900.218	94+84.90	70.63' RT	707.53	3.64	711.17	UNDERGROUND DETENTION CHAMBER
3	NORTHEAST CORNER	869414.848	19004.621	95+89.32	69.96' RT	707.58	2.54	710.12	UNDERGROUND DETENTION CHAMBER
4	NORTHERNMOST SE CORNER	869396.809	19022.432	96+06.90	88.23' RT	707.62	4.50	712.12	UNDERGROUND DETENTION CHAMBER



**LEGEND**  
 (Symbol: Circle with dot) CONFLICT # (SUE QUALITY LEVEL A)

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

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

FIELD WORK WAS PERFORMED BETWEEN THE 25TH OF APRIL, A.D., 2011 AND THE 26TH OF APRIL, A.D., 2011.

IN WITNESS WHEREOF, I HAVE HEREUNTO SET MY HAND AND SEAL THIS 28TH DAY OF APRIL A.D., 2011. CHICAGO, IL.

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



**AMERICAN**  
 SURVEYING & ENGINEERING, P.C.  
 SURVEYORS - ENGINEERS  
 GEODESISTS - MAPPING SCIENTISTS  
 Chicago 312-277-2000 / Fax 312-277-2002  
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 Illinois Professional Design Firm No. 184-003192

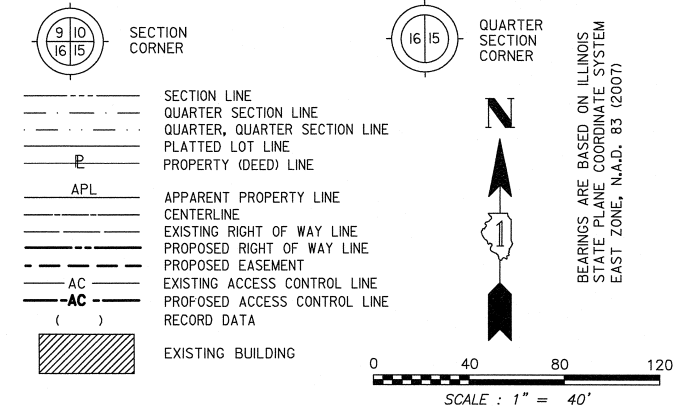
WD_371_LEVEL_A.dgn	USER NAME = \$USER\$	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SUE INVESTIGATION OF UNDERGROUND UTILITIES ASTOR PLACE RIGHT OF WAY	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	PLOT SCALE = 50.00' / IN.	DRAWN - B.TRAVER	REVISED -			338/IL 59	(112 & 113) WRS-6	DUPAGE	734	344
	PLOT DATE = 4/28/2011	CHECKED - S.RIENKS	REVISED -			CONTRACT NO. 60R31			ILLINOIS FED. AID PROJECT	

PART OF THE NW 1/4 SECTION 15, T38N, R9E OF THE 3rd PM, NAPERVILLE TOWNSHIP, DUPAGE COUNTY, ILLINOIS.

LEGEND

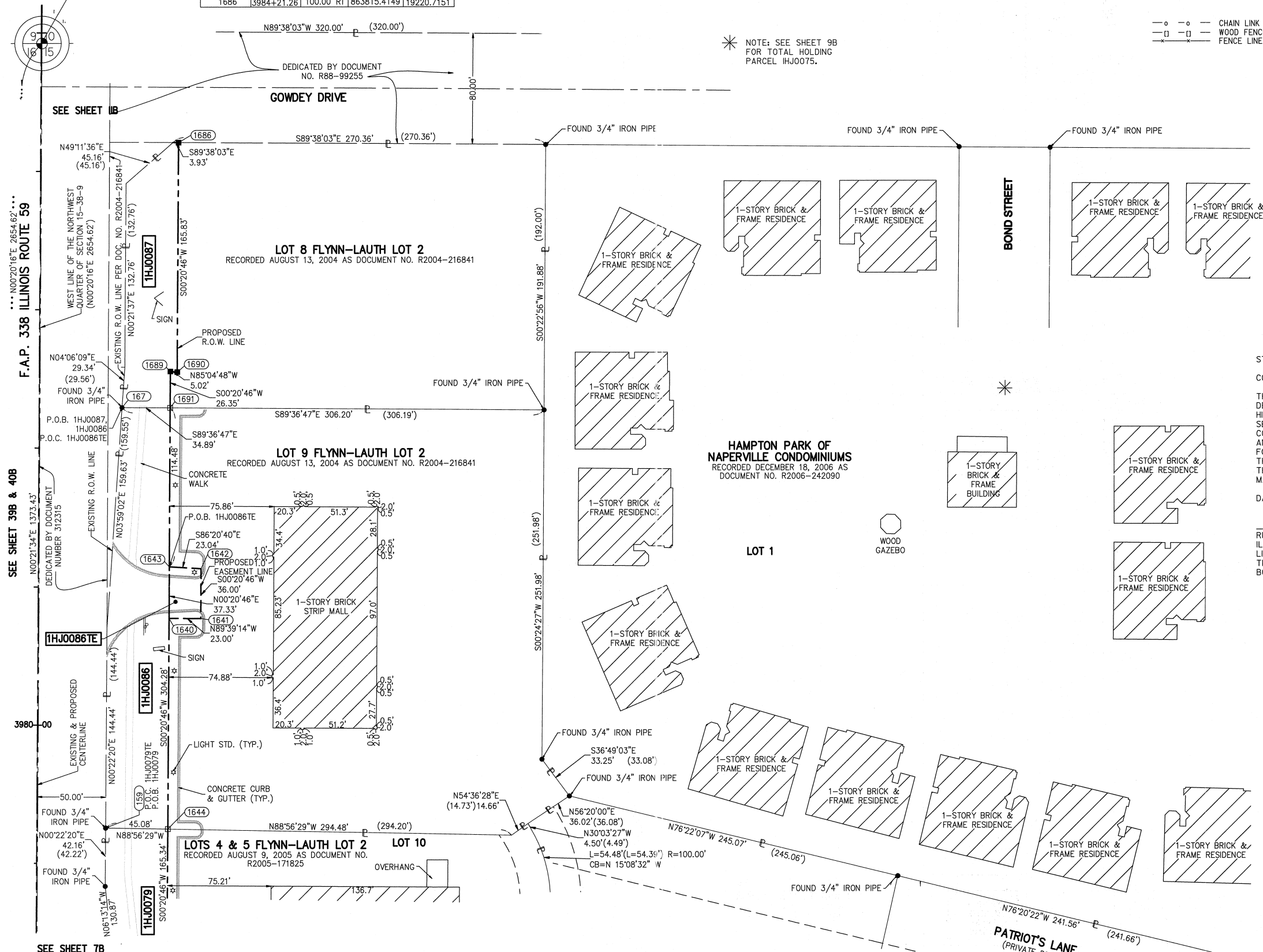
COORDINATE TABLE				
NO.	STATION	OFFSET	NORTH	EAST
1644	3979+25.20	95.00 RT	863319.3911	19212.7182
159	3979+25.76	49.92 RT	863320.2241	19167.6417
1640	3980+77.67	95.00 RT	863471.8616	19213.6394
1641	3980+77.67	118.00 RT	863471.7226	19236.6389
1642	3981+13.67	118.00 RT	863507.7220	19236.8564
1643	3981+15.00	95.00 RT	863509.1909	19213.8649
1691	3982+29.48	95.00 RT	863623.6655	19214.5565
167	3982+29.50	60.11 RT	863623.9011	19179.6701
1690	3982+55.43	100.00 RT	863649.5881	19219.7132
1689	3982+55.83	95.00 RT	863650.0183	19214.7157
1686	3984+21.26	100.00 RT	863815.4149	19220.7151

PARCEL NUMBER	OWNER	TOTAL HOLDING ACRES	PART TAKEN ACRES	REMAINDER ACRES	PREV. DED. ACRES	EASEMENT ACRES	EASEMENT PURPOSE	PERMANENT TAX INDEX NUMBER	PROPERTY ACQUIRED BY
1HJ0079	NAPERVILLE ASSOCIATES, L.L.C., AN ILLINOIS LIMITED LIABILITY COMPANY	1.704	0.282	1.422				07-15-100-050	
1HJ0086	NAPERVILLE ASSOCIATES, L.L.C., AN ILLINOIS LIMITED LIABILITY COMPANY	2.205	0.296	1.909		0.019	DRIVEWAY RECONSTRUCTION	07-15-100-017	
1HJ0086TE									
1HJ0087	NAPERVILLE ASSOCIATES II, L.L.C., AN ILLINOIS LIMITED LIABILITY COMPANY	1.329	0.153	1.176				07-15-100-016	



FOUND MONUMENT AT SECTION CORNER PER MONUMENT RECORD S-88-16, A FIVE NAIL CROSS WAS PLACED.

\* NOTE: SEE SHEET 9B FOR TOTAL HOLDING PARCEL 1HJ0075.



- IRON PIPE OR ROD FOUND ○ SET 5/8" x 30' REBAR
- + CUT CROSS FOUND OR SET ● PK FOUND PK NAIL ○PK SET PK NAIL
- T1 THESE STAKES REFERENCE FOUND OR SET MONUMENTATION.
- T2 SET 5/8 INCH REBAR FLUSH WITH GROUND TO TIE FOUND IRON STAKE. IDENTIFIED BY COLORED PLASTIC CAP AND BEARING SURVEYORS PROFESSIONAL NUMBER.
- T3 BY COLORED PLASTIC CAP AND BEARING SURVEYORS PROFESSIONAL NUMBER.
- BT1 THESE STAKES, IN CULTIVATED AREAS, REFERENCE FOUND OR SET MONUMENTATION.
- BT2 BURIED 5/8 INCH REBAR 20 INCHES BELOW GROUND TO TIE FOUND IRON STAKE.
- BT3 IDENTIFIED BY COLORED PLASTIC CAP BEARING SURVEYORS PROFESSIONAL NUMBER.
- STAKING OF PROPOSED RIGHT OF WAY. SET DIVISION OF HIGHWAYS SURVEY MARKER TO MONUMENT THE POSITION SHOWN. IDENTIFIED BY INSCRIPTION DATA AND SURVEYORS PROFESSIONAL NUMBER.
- M STAKING OF PROPOSED RIGHT OF WAY IN CULTIVATED AREAS. BURIED 5/8 INCH REBAR 20 INCHES BELOW GROUND TO MARK FUTURE SURVEY MARKER POSITION. IDENTIFIED BY COLORED PLASTIC CAP BEARING SURVEYORS PROFESSIONAL NUMBER.
- PERMANENT SURVEY MARKER. IDOT STD. 2135 (TO BE SET BY OTHERS)
- RIGHT OF WAY STAKING PROPOSED TO BE SET.

STATE OF ILLINOIS ) SS  
COUNTY OF DUPAGE )

THIS IS TO CERTIFY THAT WE, MIDWEST TECHNICAL CONSULTANTS, INC., AN ILLINOIS PROFESSIONAL DESIGN FIRM LAND SURVEYING CORPORATION NUMBER 184-002917, HAVE SURVEYED THE PLAT OF HIGHWAYS SHOWN HEREON BETWEEN SECTION 15, TOWNSHIP 38 NORTH, RANGE 9 EAST, AND SECTION 16, TOWNSHIP 38 NORTH, RANGE 9 EAST OF THE THIRD PRINCIPAL MERIDIAN, DUPAGE COUNTY, THAT THE SURVEY IS TRUE AND COMPLETE AS SHOWN TO THE BEST OF MY KNOWLEDGE AND BELIEF, THAT THE PLAT CORRECTLY REPRESENTS SAID SURVEY, THAT ALL MONUMENTS FOUND AND ESTABLISHED ARE OF PERMANENT QUALITY AND OCCUPY THE POSITIONS SHOWN THEREON AND THAT THE MONUMENTS ARE SUFFICIENT TO ENABLE THE SURVEY TO BE RETRACED. THIS SURVEY CONFORMS TO THE CURRENT ILLINOIS MINIMUM STANDARDS FOR A BOUNDARY SURVEY. MADE FOR THE DEPARTMENT OF TRANSPORTATION, STATE OF ILLINOIS.

DATED AT NAPERVILLE, ILLINOIS THIS \_\_\_\_ DAY OF \_\_\_\_\_, 2010 A.D.

RUSSELL W. OLSEN  
ILLINOIS PROFESSIONAL LAND SURVEYOR NO. 035-002718  
LICENSE EXPIRES NOVEMBER 30, 2010  
THIS PROFESSIONAL SERVICE CONFORMS TO THE CURRENT ILLINOIS MINIMUM STANDARDS FOR A BOUNDARY SURVEY.

- Midwest Technical Consultants, Inc.  
1840 Centre Point Circle  
Naperville, ILLINOIS 60563  
(630)505-0101
- NOTES:
- ALL COORDINATES SHOWN HEREON ARE PROJECT. ALL DISTANCES SHOWN HEREON ARE GROUND.
  - BEARINGS SHOWN HEREON ARE BASED ON ILLINOIS STATE PLANE COORDINATE SYSTEM EAST ZONE, NAD 83, (2007).
  - THE COMBINATION FACTOR USED FOR THIS PROJECT = 0.99994777.
  - COORDINATE CONVERSION
- NAD83 (2007) STATE PLANE COORDINATES TO PROJECT COORDINATES:  
A) DIVIDE THE STATE PLANE NAD83 GRID COORDINATES BY THE COMBINATION FACTOR.  
B) SUBTRACT 1,000,000.00 FROM THESE NORTHINGS AND EASTINGS.
- PROJECT COORDINATES TO NAD83 (2007) STATE PLANE COORDINATES:  
A) ADD 1,000,000.00 TO THE PROJECT NORTHINGS AND EASTINGS.  
B) MULTIPLY THESE COORDINATES BY THE COMBINATION FACTOR.
- 5) THE NGS MONUMENT HELD FOR THIS PROJECT IS IS FIRST ORDER P.I.D. AA3730.

RECEIVED  
JUL 20 2010  
PLATS & LEGALS

PLAT OF HIGHWAYS  
STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION  
F.A.P. 338 ILLINOIS ROUTE 59  
SECTION: FERRY RD. TO AURORA AVE. DUPAGE COUNTY  
PROJECT: ROUTE 59 JOB NO. R-91-035-09  
STATION 3979+00 TO STATION 3984+00  
SCALE: 1" = 40' SHEET 10B OF 47

NAD83 (2007) S.P.  
N. 1,869,327.5048  
E. 1,023,602.1293  
PROJECT (GROUND)  
N. 869,425.1449  
E. 23,655.5948

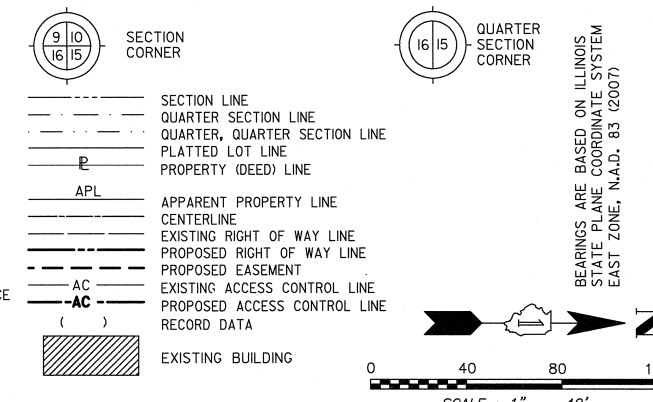
BUREAU OF LAND ACQUISITION  
201 WEST CENTER COURT  
SCHAUMBURG, ILLINOIS 60196-1096

PART OF THE SW 1/4 SECTION 10, T38N, R9E OF THE 3rd PM, NAPERVILLE TOWNSHIP, DUPAGE COUNTY, ILLINOIS.

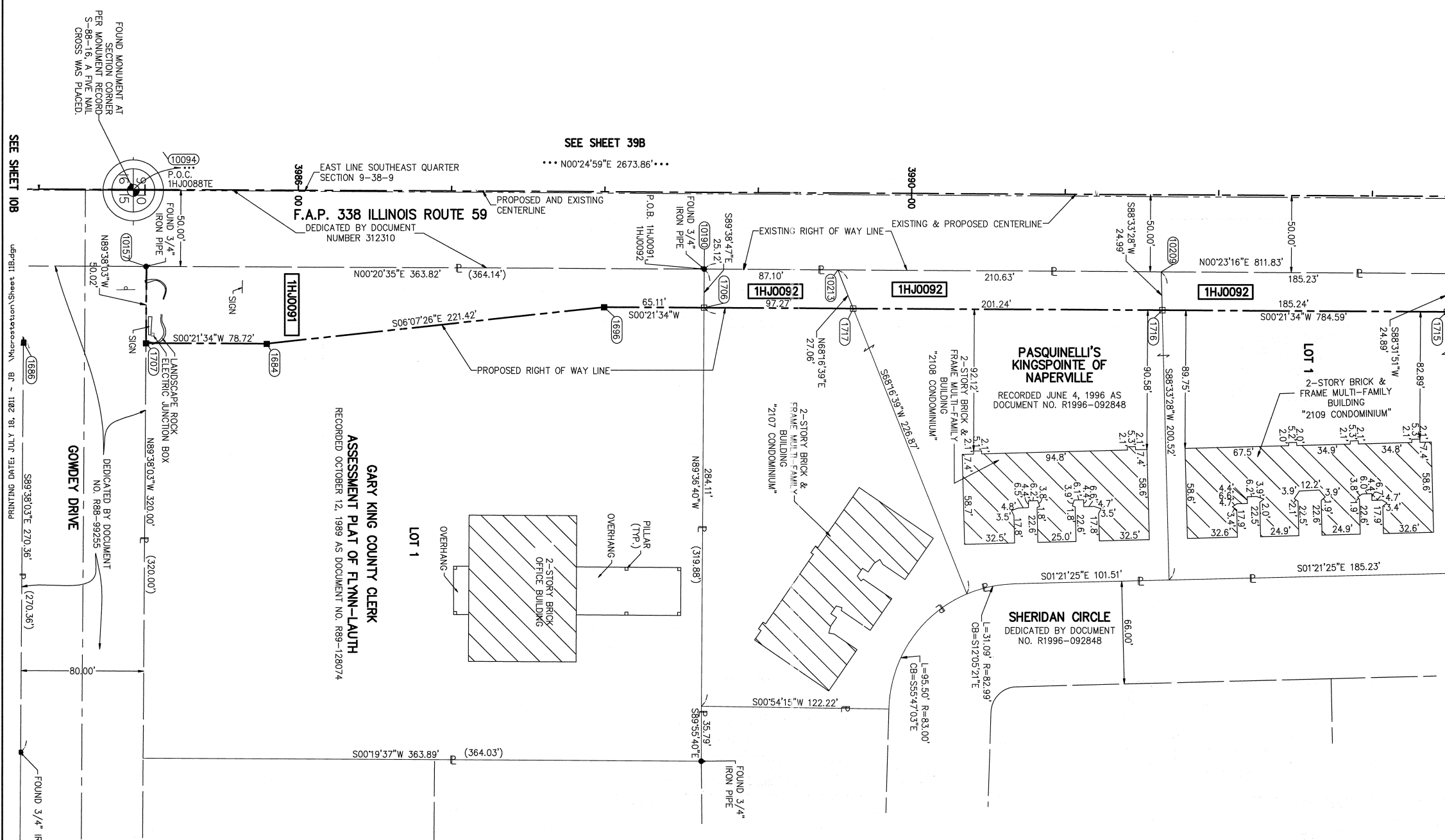
LEGEND

COORDINATE TABLE					
NO.	STATION	OFFSET	NORTH	EAST	
1686	3984+21.26	100.00 RT	863815.4149	19220.7151	
1707	3985+01.28	100.00 RT	863895.4134	19221.2005	
10157	3985+01.29	49.98 RT	863895.4134	19221.2005	
1684	3985+80.00	100.00 RT	863974.1292	19221.6941	
1696	3988+00.00	75.00 RT	864194.2816	19198.0742	
10190	3988+65.11	49.88 RT	864259.5466	19173.3621	
1706	3988+65.11	75.00 RT	864259.3917	19198.4825	
10213	3989+52.21	49.92 RT	864346.6456	19173.9512	
1717	3989+62.38	75.00 RT	864356.6620	19199.0925	
10209	3991+62.84	50.03 RT	864557.2738	19175.3768	
1716	3991+63.63	75.00 RT	864557.9026	19200.3546	
1715	3993+48.87	75.00 RT	864743.1409	19201.5162	
1714	3994+94.51	75.00 RT	864888.7817	19202.4296	

PARCEL NUMBER	OWNER	TOTAL HOLDING	PART TAKEN	REMAINDER	PREV. DED.	EASEMENT	EASEMENT PURPOSE	PERMANENT TAX INDEX NUMBER	PROPERTY ACQUIRED BY
		ACRES	ACRES	ACRES	ACRES	ACRES			
1HJ0091	PSALM37 LLC, AN ILLINOIS LIMITED LIABILITY COMPANY	2.673	0.318	2.355				07-10-300-017	
1HJ0092	KINGS POINT OF NAPERVILLE CONDO ASSOC.	3.820	0.459	3.361				07-10-311-013 TO 07-10-311-018 07-10-311-041 TO 07-10-311-045 07-10-311-033 TO 07-10-311-040 07-10-311-063 TO 07-10-311-068 07-10-311-089 TO 07-10-311-094	



- IRON PIPE OR ROD FOUND ○ SET 5/8" x 30" REBAR
- + CUT CROSS FOUND OR SET ● PK FOUND PK NAIL OPK SET PK NAIL
- T1 THESE STAKES REFERENCE FOUND OR SET MONUMENTATION.  
T2 SET 5/8 INCH REBAR FLUSH WITH GROUND TO TIE FOUND IRON STAKE. IDENTIFIED BY COLORED PLASTIC CAP AND BEARING SURVEYORS PROFESSIONAL NUMBER.
- BT1 THESE STAKES, IN CULTIVATED AREAS, REFERENCE FOUND OR SET MONUMENTATION.  
BT2 BURIED 5/8 INCH REBAR 20 INCHES BELOW GROUND TO TIE FOUND IRON STAKE.  
BT3 IDENTIFIED BY COLORED PLASTIC CAP BEARING SURVEYORS PROFESSIONAL NUMBER.
- STAKING OF PROPOSED RIGHT OF WAY.  
SET DIVISION OF HIGHWAYS SURVEY MARKER TO MONUMENT THE POSITION SHOWN. IDENTIFIED BY INSCRIPTION DATA AND SURVEYORS PROFESSIONAL NUMBER.
- M STAKING OF PROPOSED RIGHT OF WAY IN CULTIVATED AREAS.  
BURIED 5/8 INCH REBAR 20 INCHES BELOW GROUND TO MARK FUTURE SURVEY MARKER POSITION. IDENTIFIED BY COLORED PLASTIC CAP BEARING SURVEYORS PROFESSIONAL NUMBER.
- PERMANENT SURVEY MARKER. IDOT STD. 2135 (TO BE SET BY OTHERS)
- RIGHT OF WAY STAKING PROPOSED TO BE SET.



THIS IS TO CERTIFY THAT WE, MIDWEST TECHNICAL CONSULTANTS, INC., AN ILLINOIS PROFESSIONAL DESIGN FIRM NUMBER 184-002917, HAVE SURVEYED THE PLAT OF HIGHWAYS SHOWN HEREON BETWEEN SECTION 9, TOWNSHIP 38 NORTH, RANGE 9 EAST, AND SECTION 10, TOWNSHIP 38 NORTH, RANGE 9 EAST OF THE THIRD PRINCIPAL MERIDIAN, DUPAGE COUNTY, THAT THE SURVEY IS TRUE AND COMPLETE AS SHOWN TO THE BEST OF MY KNOWLEDGE AND BELIEF, THAT THE PLAT CORRECTLY REPRESENTS SAID SURVEY, THAT ALL MONUMENTS FOUND AND ESTABLISHED ARE OF PERMANENT QUALITY AND OCCUPY THE POSITIONS SHOWN THEREON AND THAT THE MONUMENTS ARE SUFFICIENT TO ENABLE THE SURVEY TO BE RETRACED. THIS SURVEY CONFORMS TO THE CURRENT ILLINOIS MINIMUM STANDARDS FOR A BOUNDARY SURVEY. MADE FOR THE DEPARTMENT OF TRANSPORTATION, STATE OF ILLINOIS.

DATED AT NAPERVILLE, ILLINOIS THIS \_\_\_\_ DAY OF \_\_\_\_\_, 2012 A.D.

RUSSELL W. OLSEN  
ILLINOIS PROFESSIONAL LAND SURVEYOR NO. 035-002718  
LICENSE EXPIRES NOVEMBER 30, 2012  
THIS PROFESSIONAL SERVICE CONFORMS TO THE CURRENT ILLINOIS MINIMUM STANDARDS FOR A BOUNDARY SURVEY.

- NOTES:
- ALL COORDINATES SHOWN HEREON ARE PROJECT. ALL DISTANCES SHOWN HEREON ARE GROUND.
  - BEARINGS SHOWN HEREON ARE BASED ON ILLINOIS STATE PLANE COORDINATE SYSTEM EAST ZONE, NAD 83, (2007).
  - THE COMBINATION FACTOR USED FOR THIS PROJECT = 0.99994777.
  - COORDINATE CONVERSION
- NAD83 (2007) STATE PLANE COORDINATES TO PROJECT COORDINATES:  
A) DIVIDE THE STATE PLANE NAD83 GRID COORDINATES BY THE COMBINATION FACTOR.  
B) SUBTRACT 1,000,000.00 FROM THESE NORTHINGS AND EASTINGS.
- PROJECT COORDINATES TO NAD83 (2007) STATE PLANE COORDINATES:  
A) ADD 1,000,000.00 TO THE PROJECT NORTHINGS AND EASTINGS.  
B) MULTIPLY THESE COORDINATES BY THE COMBINATION FACTOR.
- 5) THE NGS MONUMENT HELD FOR THIS PROJECT IS FIRST ORDER P.I.D. AA3730.

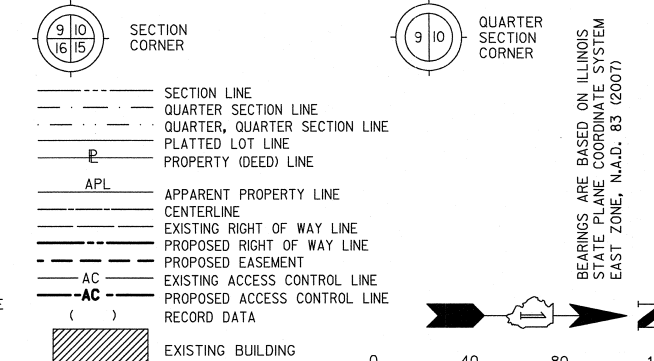
**PLAT OF HIGHWAYS  
STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION  
F.A.P. 338 ILLINOIS ROUTE 59**

SECTION FERRY RD. TO AURORA AVE. DUPAGE COUNTY  
PROJECT: ROUTE 59 JOB NO. R-91-035-09  
STATION 3984+00 TO STATION 3993+00  
SCALE: 1" = 40' SHEET 11B OF 47

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

PART OF THE SW 1/4 SECTION 10, T38N, R9E OF THE 3rd PM, NAPERVILLE TOWNSHIP, DUPAGE COUNTY, ILLINOIS.

LEGEND



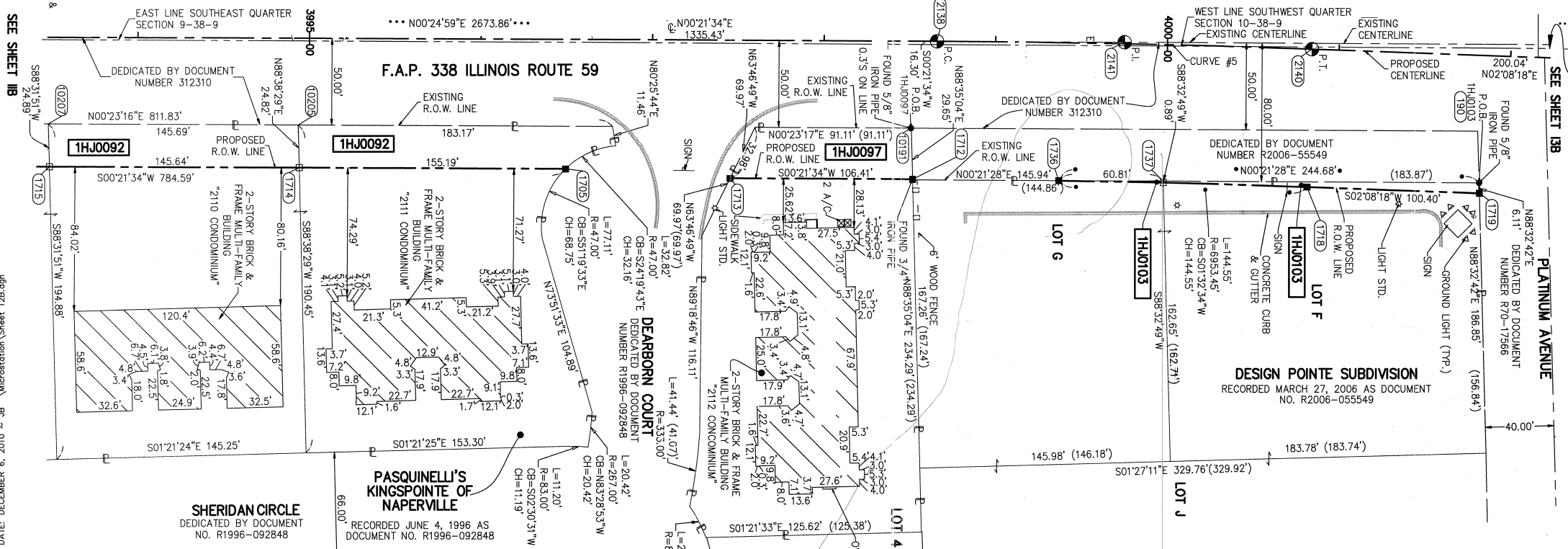
NO.	STATION	OFFSET	NORTH	EAST	
1717	3998+62.38	75.00	RT	864356.6620	19199.0925
1716	3991+63.63	75.00	RT	864557.9026	19200.3546
10207	3993+48.08	50.12	RT	864742.5027	19176.6299
1715	3993+48.87	75.00	RT	864743.1409	19201.5162
10205	3994+93.77	50.19	RT	864888.1932	19177.6157
1714	3994+94.51	75.00	RT	864888.7817	19202.4296
1705	3996+49.70	75.00	RT	865043.9662	19203.4028
10199	3996+76.94	50.28	RT	865071.3607	19178.8555
10200	3996+78.92	61.57	RT	865073.2662	19190.1557
1713	3997+45.84	80.00	RT	865139.8685	19209.0043
10197	3997+60.02	50.32	RT	865154.4397	19179.4174
10191	3998+51.13	50.37	RT	865245.5484	19180.0343
1712	3998+52.05	80.00	RT	865246.2808	19209.6716
1736	3999+38.02	80.00	RT	865331.4202	19210.5718
10229	3999+99.51	79.11	RT	865392.2264	19210.9515
1737	3999+99.56	80.00	RT	865392.2490	19211.8438
1718	4000+84.23	80.00	RT	865475.9152	19214.4637
190	4001+84.25	73.90	RT	865576.0928	19212.0999
1719	4001+84.63	80.00	RT	865576.2480	19218.2101

PARCEL NUMBER	OWNER	TOTAL HOLDING ACRES	PART TAKEN ACRES	REMAINDER ACRES	PREV. DED. ACRES	EASEMENT ACRES	EASEMENT PURPOSE	PERMANENT TAX INDEX NUMBER	PROPERTY ACQUIRED BY
1HJ0092	KINGSPONTE OF NAPERVILLE CONDO ASSOC.	3.820	0.459	3.361				07-10-311-013 TO 07-10-311-018 07-10-311-041 TO 07-10-311-045 07-10-311-033 TO 07-10-311-040 07-10-311-063 TO 07-10-311-068 07-10-311-089 TO 07-10-311-094	
1HJ0097	KINGSPONTE OF NAPERVILLE CONDO ASSOC.	0.661	0.067	0.594				07-10-311-069 TO 07-10-311-076	
1HJ0103	QUALITY PROPERTIES ASSET MANAGEMENT COMPANY	5.103	0.015	5.088				07-10-315-001 TO 07-10-315-002 07-10-315-002 TO 07-10-315-003	

NOTE: P.O.C. 1HJ0095 & 1HJ0096 ON SHEET 118 AT THE SOUTHWEST CORNER OF LOT I

SEE SHEET 388

SEE SHEET 378



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

STATE OF ILLINOIS ) SS  
COUNTY OF DUPAGE )  
THIS IS TO CERTIFY THAT WE, MIDWEST TECHNICAL CONSULTANTS, INC., AN ILLINOIS PROFESSIONAL DESIGN FIRM CORPORATION NUMBER 184-002917, HAVE SURVEYED THE PLAT OF HIGHWAYS SHOWN HEREON BETWEEN SECTION 9, TOWNSHIP 38 NORTH, RANGE 9 EAST, AND SECTION 10, TOWNSHIP 38 NORTH, RANGE 9 EAST OF THE THIRD PRINCIPAL MERIDIAN, DUPAGE COUNTY, THAT THE SURVEY IS TRUE AND COMPLETE AS SHOWN TO THE BEST OF MY KNOWLEDGE AND BELIEF, THAT THE PLAT CORRECTLY REPRESENTS SAID SURVEY, THAT ALL MONUMENTS FOUND AND ESTABLISHED ARE OF PERMANENT QUALITY AND OCCUPY THE POSITIONS SHOWN THEREON AND THAT THE MONUMENTS ARE SUFFICIENT TO ENABLE THE SURVEY TO BE RETRACED. THIS SURVEY CONFORMS TO THE CURRENT ILLINOIS MINIMUM STANDARDS FOR A BOUNDARY SURVEY. MADE FOR THE DEPARTMENT OF TRANSPORTATION, STATE OF ILLINOIS.  
DATED AT NAPERVILLE, ILLINOIS THIS \_\_\_\_ DAY OF \_\_\_\_\_, 2010 A.D.

RUSSELL W. OLSEN  
ILLINOIS PROFESSIONAL LAND SURVEYOR NO. 035-002718  
LICENSE EXPIRES NOVEMBER 30, 2012  
THIS PROFESSIONAL SERVICE CONFORMS TO THE CURRENT ILLINOIS MINIMUM STANDARDS FOR A BOUNDARY SURVEY.  
Midwest Technical Consultants, Inc.  
1805 N. MILL STREET, SUITE 710  
Naperville, ILLINOIS 60563  
(630)505-0001

- NOTES:
- ALL COORDINATES SHOWN HEREON ARE PROJECT. ALL DISTANCES SHOWN HEREON ARE GROUND.
  - BEARINGS SHOWN HEREON ARE BASED ON ILLINOIS STATE PLANE COORDINATE SYSTEM EAST ZONE, NAD 83, (2007).
  - THE COMBINATION FACTOR USED FOR THIS PROJECT = 0.99994777.
  - COORDINATE CONVERSION  
NAD83 (2007) STATE PLANE COORDINATES TO PROJECT COORDINATES:  
A) DIVIDE THE STATE PLANE NAD83 GRID COORDINATES BY THE COMBINATION FACTOR.  
B) SUBTRACT 1,000,000.00 FROM THESE NORTHINGS AND EASTINGS.  
PROJECT COORDINATES TO NAD83 (2007) STATE PLANE COORDINATES:  
A) ADD 1,000,000.00 TO THE PROJECT NORTHINGS AND EASTINGS.  
B) MULTIPLY THESE COORDINATES BY THE COMBINATION FACTOR.
  - THE NGS MONUMENT HELD FOR THIS PROJECT IS IS FIRST ORDER P.I.D. AA3730.

RECEIVED  
DEC 17 2010  
PK  
PLATS & LEGALS

NAD83 (2007) S.P.	N. 1,869,327.5048
E. 1,023,602.1293	
PROJECT (GROUND)	N. 869,425.1449
E. 23,655.5948	

PLAT OF HIGHWAYS  
STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION  
F.A.P. 338 ILLINOIS ROUTE 59  
SECTION FERRY RD. TO AURORA AVE. DUPAGE COUNTY  
PROJECT: ROUTE 59 JOB NO. R-91-035-09  
STATION 3993+50 TO STATION 4001+00  
SCALE: 1" = 40' SHEET 12B OF 47  
BUREAU OF LAND ACQUISITION  
201 WEST CENTER COURT  
SCHAUMBURG, ILLINOIS 60196-1096

PRINTING DATE: DECEMBER 6, 2010 ~ 1B ~ Microstation Sheet 12B.dgn

F.A.P. 338 ILLINOIS ROUTE 59, SECTION FERRY RD. TO AURORA AVE., JOB. NO. R-91-035-09.

REVISION DATE: REVISION:

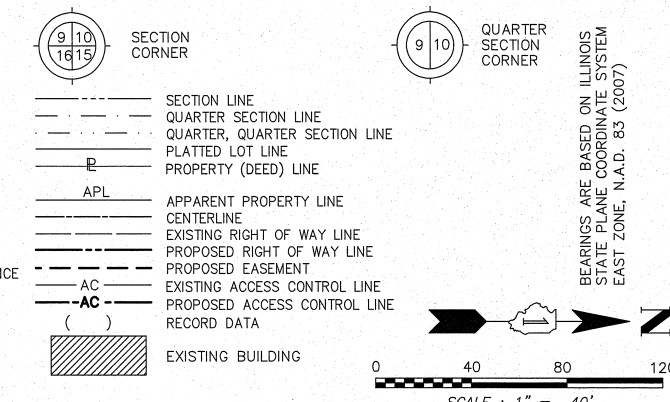
MADE BY: JB

CONTRACT 60R31 SHEET 347 OF 734



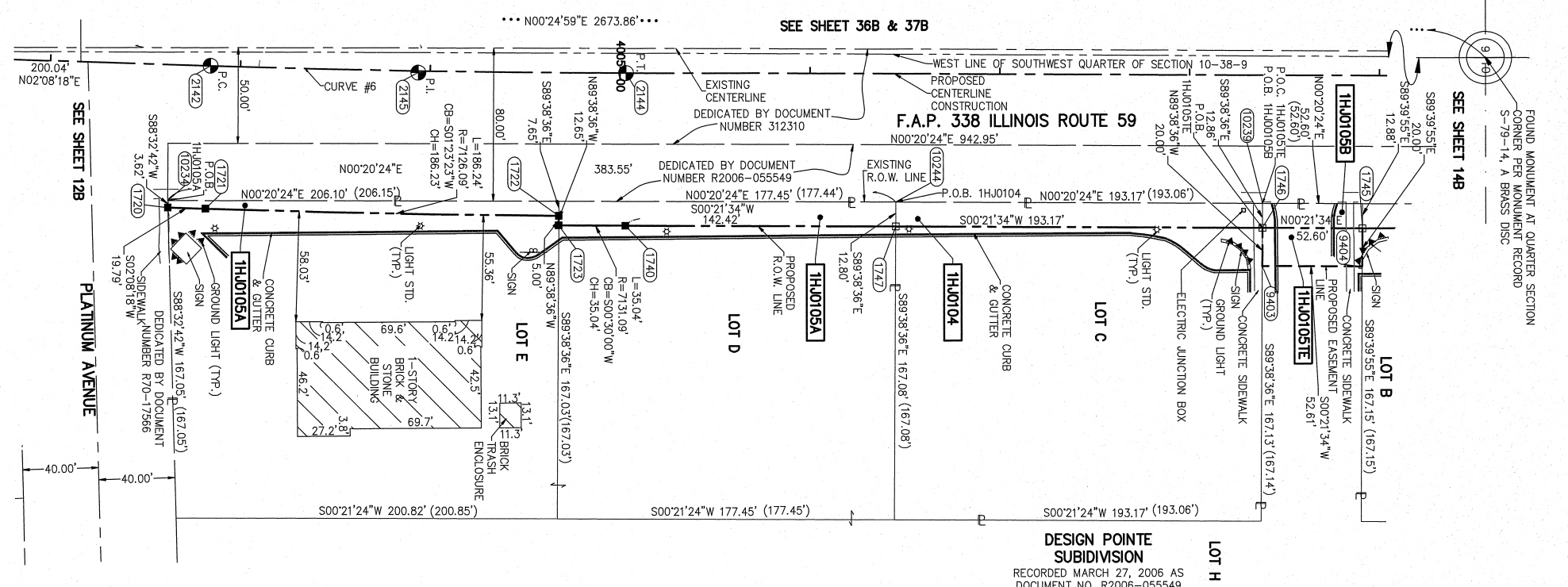
PART OF THE SW 1/4 SECTION 10, T38N, R9E OF THE 3rd PM, NAPERVILLE TOWNSHIP, DUPAGE COUNTY, ILLINOIS.

LEGEND



PARCEL NUMBER	OWNER	TOTAL HOLDING ACRES	PART TAKEN ACRES	REMAINDER ACRES	PREV. DED. ACRES	EASEMENT ACRES	EASEMENT PURPOSE	PERMANENT TAX INDEX NUMBER	PROPERTY ACQUIRED BY
1HJ0104	MARK RECKLING	0.741	0.057	0.684				07-10-314-002	
1HJ0105A	QUALITY PROPERTIES ASSET MANAGEMENT COMPANY	8.882	A=0.081	8.785				07-10-314-003	
1HJ0105B			B=0.016					07-10-314-004	
1HJ0105E								07-10-314-005	
1HJ0171	FRANCHISE REALTY INVESTMENT TRUST - IL, A MARYLAND TRUST	1.204	0.092	1.112		0.024	DRIVEWAY RECONSTRUCTION	07-10-314-001	

COORDINATE TABLE				
NO.	STATION	OFFSET	NORTH	EAST
10234	4002+64.25	71.39 RT	865656.1307	19212.5750
1720	4002+64.48	75.00 RT	865656.2226	19216.1929
1721	4002+84.27	75.00 RT	865676.0025	19216.9315
1722	4004+68.55	75.00 RT	865862.1906	19221.4481
1723	4004+68.57	80.00 RT	865862.1494	19226.4480
1740	4005+03.21	80.00 RT	865897.1831	19226.7538
1747	4006+45.63	80.00 RT	866039.5954	19227.6469
10244	4006+45.63	67.20 RT	866039.6751	19214.8519
10239	4008+38.80	67.14 RT	866232.8417	19215.9986
1746	4008+38.80	80.00 RT	866232.7616	19228.8583
9403	4008+38.80	100.00 RT	866232.6371	19248.8579
1745	4008+91.40	80.00 RT	866285.3655	19229.1882
9404	4008+91.41	100.00 RT	866285.2487	19249.1878



- IRON PIPE OR ROD FOUND
- SET 5/8" x 30" REBAR
- + CUT CROSS FOUND OR SET
- PK FOUND PK NAIL
- PKSET PK NAIL
- T1 THESE STAKES REFERENCE FOUND OR SET MONUMENTATION.
- T2 SET 5/8 INCH REBAR FLUSH WITH GROUND TO TIE FOUND IRON STAKE. IDENTIFIED BY COLORED PLASTIC CAP BEARING SURVEYORS PROFESSIONAL NUMBER.
- T3 BY COLORED PLASTIC CAP BEARING SURVEYORS PROFESSIONAL NUMBER.
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- M STAKING OF PROPOSED RIGHT OF WAY IN CULTIVATED AREAS. BURIED 5/8 INCH REBAR 20 INCHES BELOW GROUND TO MARK FUTURE SURVEY MARKER POSITION. IDENTIFIED BY COLORED PLASTIC CAP BEARING SURVEYORS PROFESSIONAL NUMBER.
- PERMANENT SURVEY MARKER. IDOT STD. 2135 (TO BE SET BY OTHERS)
- RIGHT OF WAY STAKING PROPOSED TO BE SET.

STATE OF ILLINOIS )  
 ) SS  
 COUNTY OF DUPAGE)

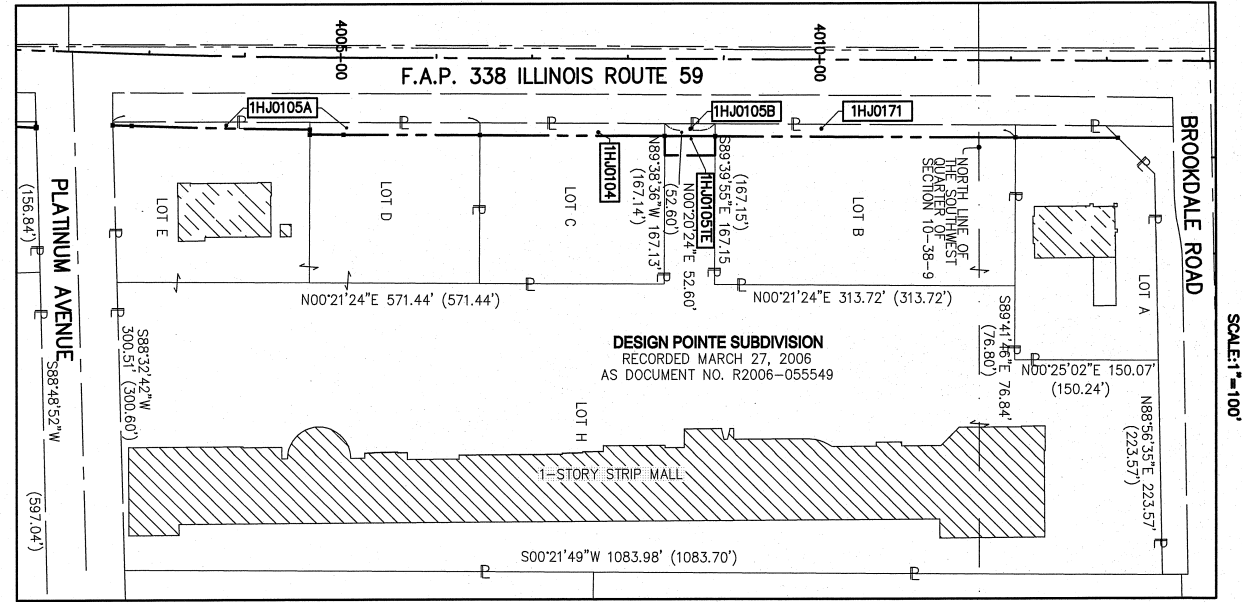
THIS IS TO CERTIFY THAT WE, MIDWEST TECHNICAL CONSULTANTS, INC., AN ILLINOIS PROFESSIONAL DESIGN FIRM NUMBER 184-002917, HAVE SURVEYED THE PLAT OF HIGHWAYS SHOWN HEREON BETWEEN SECTION 9, TOWNSHIP 38 NORTH, RANGE 9 EAST, AND SECTION 10, TOWNSHIP 38 NORTH, RANGE 9 EAST OF THE THIRD PRINCIPAL MERIDIAN, DUPAGE COUNTY, THAT THE SURVEY IS TRUE AND COMPLETE AS SHOWN TO THE BEST OF MY KNOWLEDGE AND BELIEF, THAT THE PLAT CORRECTLY REPRESENTS SAID SURVEY, THAT ALL MONUMENTS FOUND AND ESTABLISHED ARE OF PERMANENT QUALITY AND OCCUPY THE POSITIONS SHOWN THEREON AND THAT THE MONUMENTS ARE SUFFICIENT TO ENABLE THE SURVEY TO BE RETRACED. THIS SURVEY CONFORMS TO THE CURRENT ILLINOIS MINIMUM STANDARDS FOR A BOUNDARY SURVEY. MADE FOR THE DEPARTMENT OF TRANSPORTATION, STATE OF ILLINOIS.

DATED AT NAPERVILLE, ILLINOIS THIS \_\_\_\_ DAY OF \_\_\_\_\_, 2012 A.D.

KURT K. APER  
 ILLINOIS PROFESSIONAL LAND SURVEYOR NO. 035-003265  
 LICENSE EXPIRES NOVEMBER 30, 2012  
 THIS PROFESSIONAL SURVEY CONFORMS TO THE CURRENT ILLINOIS MINIMUM STANDARDS FOR A BOUNDARY SURVEY.  
**Midwest Technical Consultants, Inc.**  
 1805 N. MILL STREET, SUITE L  
 Naperville, ILLINOIS 60563  
 (630)505-0101

- NOTES:
- 1) ALL COORDINATES SHOWN HEREON ARE PROJECT. ALL DISTANCES SHOWN HEREON ARE GROUND.
  - 2) BEARINGS SHOWN HEREON ARE BASED ON ILLINOIS STATE PLANE COORDINATE SYSTEM EAST ZONE, NAD 83, (2007).
  - 3) THE COMBINATION FACTOR USED FOR THIS PROJECT = 0.99994777.
  - 4) COORDINATE CONVERSION
- NAD83 (2007) STATE PLANE COORDINATES TO PROJECT COORDINATES:  
 A) DIVIDE THE STATE PLANE NAD83 GRID COORDINATES BY THE COMBINATION FACTOR.  
 B) SUBTRACT 1,000,000.00 FROM THESE NORTHINGS AND EASTINGS.
- PROJECT COORDINATES TO NAD83 (2007) STATE PLANE COORDINATES:  
 A) ADD 1,000,000.00 TO THE PROJECT NORTHINGS AND EASTINGS.  
 B) MULTIPLY THESE COORDINATES BY THE COMBINATION FACTOR.
- 5) THE NGS MONUMENT HELD FOR THIS PROJECT IS IS FIRST ORDER P.I.D. AA3730.

CURVE DATA	
PROPOSED CENTERLINE CONSTRUCTION	
CURVE NO. PRIL59-6	
Δ	01°46'45"
D	107'48'45"
R	7051.09'
L	218.95'
T	109.48'
E	0.85'



NAD83 (2007) S.P.	N. 1,869,327.5048
	E. 1,023,602.1293
PROJECT (GROUND)	N. 869,425.1449
	E. 23,655.5948

PLAT OF HIGHWAYS  
 STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION  
 F.A.P. 338 ILLINOIS ROUTE 59  
 SECTION FERRY RD. TO AURORA AVE. DUPAGE COUNTY  
 PROJECT: ROUTE 59 JOB NO. R-91-035-09  
 STATION 4002+00 TO STATION 4009+50  
 SCALE: 1" = 40' SHEET 13B OF 47

**PART OF THE WEST 1/2 SECTION 10, T38N, R9E OF THE 3rd PM, NAPERVILLE TOWNSHIP, DUPAGE COUNTY, ILLINOIS.**

PARCEL NUMBER	OWNER	TOTAL HOLDING ACRES	PART TAKEN ACRES	REMAINDER ACRES	PREV. DED. ACRES	EASEMENT ACRES	EASEMENT PURPOSE	PERMANENT TAX INDEX NUMBER	PROPERTY ACQUIRED BY
1HJ0105A	QUALITY PROPERTIES ASSET MANAGEMENT COMPANY	8.882	A=0.081	8.785				07-10-314-003	
1HJ0105B			B=0.016					07-10-314-004	
1HJ0105TE								07-10-314-005	
1HJ0110	SEE NOTE BELOW FOR OWNER INFORMATION	0.796	0.029	0.766		0.024	DRIVEWAY RECONSTRUCTION	07-10-102-015	
1HJ0122A	CHICAGO TITLE LAND TRUST COMPANY, AS TRUSTEE UNDER TRUST AGREEMENT DATED DECEMBER 26, 2002 KNOWN AS TRUST NO. 1111610.	2.046	A=0.195	1.820				07-10-102-014	
1HJ0122B-A			B=0.031					07-10-102-014	
1HJ0122B-B								07-10-102-014	
1HJ0124	SEE NOTE TO THE RIGHT	1.886	0.212	1.674				07-10-102-012	
1HJ0124TE								07-10-102-013	
1HJ0171	FRANCHISE REALTY INVESTMENT TRUST - IL, A MARYLAND TRUST	1.204	0.092	1.112				07-10-314-001	

NOTE: R. Michael Delagnes, Trustee of Bradley R. Eshian 2001 Irrevocable Trust dated May 23, 2001, as to a 33.75% interest; R. Michael Delagnes, as Trustee of Denise D. Duncan 2001 Irrevocable Trust dated 23, 2001, as to a 33.75% interest; Richard G. Eshian, Trustee of the Eshian Family Survivor's Trust, as to a 7.5% interest and Fathy Estate Partners, a California Limited Partnership, as to a 25% interest.

NOTE: Fred Jung as to an undivided 41.2% interest; Edward J. Stern as to an undivided 50% interest; and Claus Niemann as Trustee of the Claus Niemann Revocable Trust, dated March 21, 2006 as to an undivided 8.8% interest

**CURVE DATA**  
PROPOSED CENTERLINE CONSTRUCTION  
CURVE NO. PR B.D.-1

$\Delta = 35^{\circ}35'41''$   
 $D = 111^{\circ}07'52''$   
 $L = 514.74'$   
 $E = 319.78'$   
 $F = 165.24'$   
 $T = 25.87'$

20198 PC STA. 105+52.93  
N. 866,812.1862 E. 19,705.2748

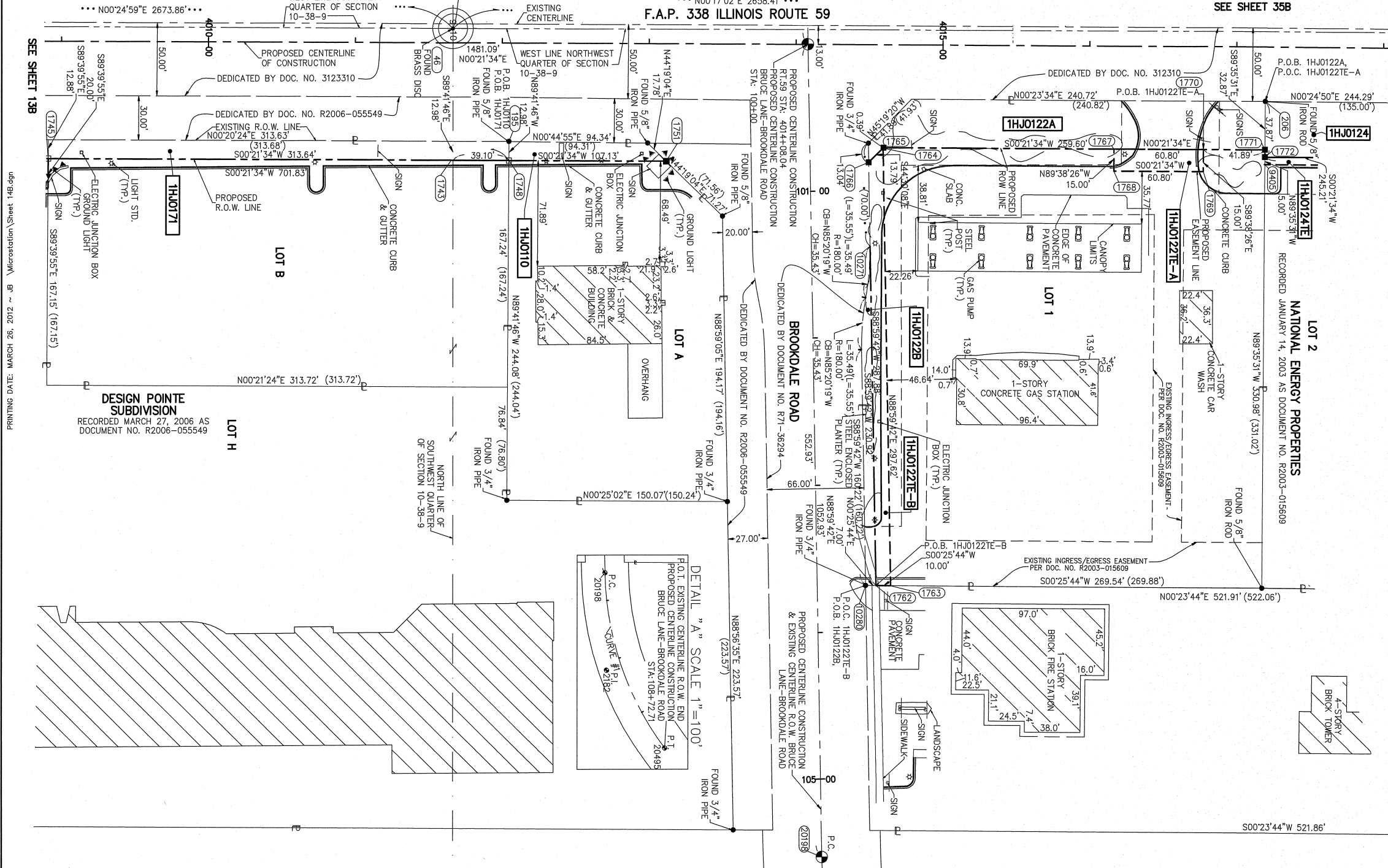
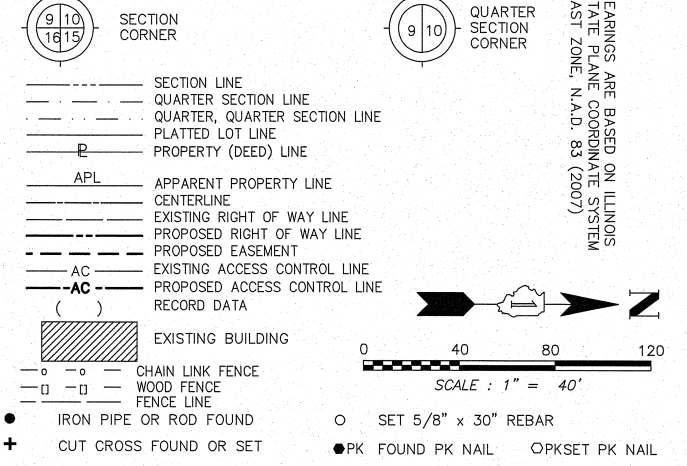
2182 PI STA. 107+18.17  
N. 866,815.0844 E. 19,870.4882

20495 PT STA. 108+72.71  
N. 866,913.6032 E. 20,003.1453

**COORDINATE TABLE**

NO.	STATION	OFFSET	NORTH	EAST
1764	100+71.49	50.00 LT	866853.7342	19223.0275
1766	100+80.98	40.00 LT	866843.9015	19232.6909
10271	101+37.94	40.00 LT	866844.9005	19289.6423
10280	103+68.68	33.00 LT	866841.9514	19520.4725
1762	103+68.68	40.00 LT	866848.9514	19520.5249
1763	103+69.10	50.00 LT	866858.9542	19520.5998
1761	105+00.00	33.00 LT	866844.2547	19651.7738
1760	105+00.00	40.00 LT	866851.2516	19651.6511
1745	4008+91.40	80.00 RT	866285.3655	19229.1882
1743	4011+65.94	80.00 RT	866559.8955	19230.9098
46	4011+66.43	9.78 LT	866560.9474	19141.1338
195	4012+05.03	67.02 RT	866599.0656	19218.1726
1748	4012+05.04	80.00 RT	866598.9967	19231.1550
1751	4013+12.17	80.00 RT	866706.1210	19231.8268
1766	4014+49.95	80.00 LT	866843.9015	19232.6909
1764	4014+59.72	70.28 RT	866853.7342	19223.0275
1765	4014+60.00	70.00 RT	866854.0124	19222.7541
1768	4016+16.91	85.00 RT	867010.8253	19238.7378
1767	4016+16.91	70.00 RT	867010.9193	19223.7381
1769	4016+77.71	85.00 RT	867071.6241	19239.1191
1770	4016+77.71	70.00 RT	867071.7181	19224.1194
9405	4017+19.59	80.00 RT	867113.5353	19234.3818
1771	4017+19.60	70.00 RT	867113.6065	19224.3820
1772	4017+19.60	75.00 RT	867113.5709	19229.3819
206	4017+19.63	37.13 RT	867113.8405	19191.5144

**LEGEND**



SEE SHEET 158

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

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

PERMANENT SURVEY MARKER. IDOT STD. 2135 (TO BE SET BY OTHERS)

RIGHT OF WAY STAKING PROPOSED TO BE SET.

STATE OF ILLINOIS) SS  
COUNTY OF DUPAGE)

THIS IS TO CERTIFY THAT WE, MIDWEST TECHNICAL CONSULTANTS, INC., AN ILLINOIS PROFESSIONAL DESIGN FIRM NUMBER 184-002917, HAVE SURVEYED THE PLAT OF HIGHWAYS SHOWN HEREON BETWEEN SECTION 9, TOWNSHIP 38 NORTH, RANGE 9 EAST, AND SECTION 10, TOWNSHIP 38 NORTH, RANGE 9 EAST OF THE THIRD PRINCIPAL MERIDIAN, DUPAGE COUNTY, THAT THE SURVEY IS TRUE AND COMPLETE AS SHOWN TO THE BEST OF MY KNOWLEDGE AND BELIEF, THAT THE PLAT CORRECTLY REPRESENTS SAID SURVEY, THAT ALL MONUMENTS FOUND AND ESTABLISHED ARE OF PERMANENT QUALITY AND OCCUPY THE POSITIONS SHOWN THEREON AND THAT THE MONUMENTS ARE SUFFICIENT TO ENABLE THE SURVEY TO BE RETRACED. THIS SURVEY CONFORMS TO THE CURRENT ILLINOIS MINIMUM STANDARDS FOR A BOUNDARY SURVEY. MADE FOR THE DEPARTMENT OF TRANSPORTATION, STATE OF ILLINOIS.

DATED AT NAPERVILLE, ILLINOIS THIS \_\_\_\_ DAY OF \_\_\_\_\_, 2012 A.D.

KURT K. APER  
ILLINOIS PROFESSIONAL LAND SURVEYOR NO. 035-003265  
LICENSE EXPIRES NOVEMBER 30, 2012  
THIS PROFESSIONAL SERVICE CONFORMS TO THE CURRENT ILLINOIS MINIMUM STANDARDS FOR A BOUNDARY SURVEY.

**Midwest Technical Consultants, Inc.**  
1805 N. MILL STREET, SUITE L  
NAPERVILLE, ILLINOIS 60563  
(630)505-0101

- NOTES:
- 1) ALL COORDINATES SHOWN HEREON ARE PROJECT. ALL DISTANCES SHOWN HEREON ARE GROUND.
  - 2) BEARINGS SHOWN HEREON ARE BASED ON ILLINOIS STATE PLANE COORDINATE SYSTEM EAST ZONE, NAD 83, (2007).
  - 3) THE COMBINATION FACTOR USED FOR THIS PROJECT = 0.99994777.
  - 4) COORDINATE CONVERSION

- NAD83 (2007) STATE PLANE COORDINATES TO PROJECT COORDINATES:
- A) DIVIDE THE STATE PLANE NAD83 GRID COORDINATES BY THE COMBINATION FACTOR.
  - B) SUBTRACT 1,000,000.00 FROM THESE NORTHINGS AND EASTINGS.
- PROJECT COORDINATES TO NAD83 (2007) STATE PLANE COORDINATES:
- A) ADD 1,000,000.00 TO THE PROJECT NORTHINGS AND EASTINGS.
  - B) MULTIPLY THESE COORDINATES BY THE COMBINATION FACTOR.
- 5) THE NGS MONUMENT HELD FOR THIS PROJECT IS IS FIRST ORDER P.I.D. AA3730.

NAD83 (2007) S.P.  
N. 1,869,327.5048  
E. 1,023,602.1293  
PROJECT (GROUND)  
N. 869,425.1449  
E. 23,655.5948

**PLAT OF HIGHWAYS**  
**STATE OF ILLINOIS**  
**DEPARTMENT OF TRANSPORTATION**  
**F.A.P. 338 ILLINOIS ROUTE 59**  
SECTION FERRY RD. TO AURORA AVE. DUPAGE COUNTY  
PROJECT: ROUTE 59 JOB NO. R-91-035-09  
STATION 4009+00 TO STATION 4018+00  
SCALE: 1" = 40' SHEET 14B OF 47

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



**PART OF THE NW 1/4 SECTION 10, T38N, R9E OF THE 3rd PM, NAPERVILLE TOWNSHIP, DUPAGE COUNTY, ILLINOIS.**

PARCEL NUMBER	OWNER	TOTAL HOLDING ACRES	PART TAKEN ACRES	REMAINDER ACRES	PREV. DED. ACRES	EASEMENT ACRES	EASEMENT PURPOSE	PERMANENT TAX INDEX NUMBER	PROPERTY ACQUIRED BY
1HJ0124	SEE NOTE BELOW	1.886	0.212	1.674				07-10-102-012	
1HJ0124TE						0.028	CONSTRUCTION	07-10-102-013	
1HJ0125	COUNTY OF DuPAGE	0.249	0.012	0.237				07-09-211-004	
1HJ0126TE	THOMAS A. HAMMERSCHMIDT AND LESLIE A. HAMMERSCHMIDT HIS WIFE, IN JOINT TENANCY	0.250				0.012	GRADING	07-09-211-003	

PARCEL NUMBER	OWNER	TOTAL HOLDING ACRES	PART TAKEN ACRES	REMAINDER ACRES	PREV. DED. ACRES	EASEMENT ACRES	EASEMENT PURPOSE	PERMANENT TAX INDEX NUMBER	PROPERTY ACQUIRED BY
1HJ0127TE	JEFFERY A. COX AND DEBORAH J. COX, HIS WIFE, IN JOINT TENANCY	0.250				0.012	GRADING	07-09-211-002	
1HJ0128			0.008 (360 SQ.FT)						
1HJ0128TE-A	ZORAN STEVANOVIC	0.333		0.325			A=0.005 (235 SQ.FT) B=0.004 (186 SQ.FT)	GRADING	07-09-211-001
1HJ0128TE-B									
1HJ0129			0.213						
1HJ0129TE-A	NORTHWEST PARTNERS L.L.C. AN ILLINOIS LIMITED LIABILITY COMPANY	1.733		1.520			A=0.029 (75 SQ.FT) B=0.002 (75 SQ.FT)	CONSTRUCTION	07-10-110-004
1HJ0129TE-B									
1HJ0129PE							PE=0.034	CONSTRUCTION	
1HJ0131	PEBBLEWOOD HOME OWNERS ASSOCIATION	7.744	0.112	7.632					07-09-201-084
1HJ0132	1550 STATE ROUTE 59, LLC, AN ILLINOIS LIMITED LIABILITY COMPANY	5.222	0.304	4.918					07-10-108-018 07-10-108-019

**LEGEND**

SECTION CORNER (9 10 16 15)

QUARTER SECTION CORNER (9 10)

SECTION LINE

QUARTER SECTION LINE

QUARTER, QUARTER SECTION LINE

PLATTED LOT LINE

PROPERTY (DEED) LINE

APL APPARENT PROPERTY LINE

CENTERLINE

EXISTING RIGHT OF WAY LINE

PROPOSED RIGHT OF WAY LINE

PROPOSED EASEMENT

AC EXISTING ACCESS CONTROL LINE

AC PROPOSED ACCESS CONTROL LINE

RECORD DATA

EXISTING BUILDING

CHAIN LINK FENCE

WOOD FENCE

FENCE LINE

IRON PIPE OR ROD FOUND

CUT CROSS FOUND OR SET

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

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

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

PERMANENT SURVEY MARKER. IDOT STD. 2135 (TO BE SET BY OTHERS)

RIGHT OF WAY STAKING PROPOSED TO BE SET. STATE OF ILLINOIS

SS COUNTY OF DUPAGE

THIS IS TO CERTIFY THAT WE, MIDWEST TECHNICAL CONSULTANTS, INC., AN ILLINOIS PROFESSIONAL DESIGN FIRM NUMBER 184-002917, HAVE SURVEYED THE PLAT OF HIGHWAYS SHOWN HEREON BETWEEN SECTION 9, TOWNSHIP 38 NORTH, RANGE 9 EAST, AND SECTION 10, TOWNSHIP 38 NORTH, RANGE 9 EAST OF THE THIRD PRINCIPAL MERIDIAN, DUPAGE COUNTY, THAT THE SURVEY IS TRUE AND COMPLETE AS SHOWN TO THE BEST OF MY KNOWLEDGE AND BELIEF, THAT THE PLAT CORRECTLY REPRESENTS SAID SURVEY, THAT ALL MONUMENTS FOUND AND ESTABLISHED ARE OF PERMANENT QUALITY AND OCCUPY THE POSITIONS SHOWN THEREON AND THAT THE MONUMENTS ARE SUFFICIENT TO ENABLE THE SURVEY TO BE RETRACED. THIS SURVEY CONFORMS TO THE CURRENT ILLINOIS MINIMUM STANDARDS FOR A BOUNDARY SURVEY. MADE FOR THE DEPARTMENT OF TRANSPORTATION, STATE OF ILLINOIS.

DATED AT NAPERVILLE, ILLINOIS THIS \_\_\_\_ DAY OF \_\_\_\_\_, 2011 A.D.

RUSSELL W. OLSEN  
ILLINOIS PROFESSIONAL LAND SURVEYOR NO. 035-002718  
LICENSE EXPIRES NOVEMBER 30, 2012  
THIS PROFESSIONAL SERVICE CONFORMS TO THE CURRENT ILLINOIS MINIMUM STANDARDS FOR A BOUNDARY SURVEY.

**Midwest Technical Consultants, Inc.**  
1805 N. MILL STREET, SUITE L  
NAPERVILLE, ILLINOIS 60563  
(630)505-0101

NOTES:

- 1) ALL COORDINATES SHOWN HEREON ARE PROJECT. ALL DISTANCES SHOWN HEREON ARE GROUND.
- 2) BEARINGS SHOWN HEREON ARE BASED ON ILLINOIS STATE PLANE COORDINATE SYSTEM EAST ZONE, NAD 83, (2007).
- 3) THE COMBINATION FACTOR USED FOR THIS PROJECT = 0.99994777.
- 4) COORDINATE CONVERSION

NAD83 (2007) STATE PLANE COORDINATES TO PROJECT COORDINATES:  
A) DIVIDE THE STATE PLANE NAD83 GRID COORDINATES BY THE COMBINATION FACTOR.  
B) SUBTRACT 1,000,000.00 FROM THESE NORTHINGS AND EASTINGS.

PROJECT COORDINATES TO NAD83 (2007) STATE PLANE COORDINATES:  
A) ADD 1,000,000.00 TO THE PROJECT NORTHINGS AND EASTINGS.  
B) MULTIPLY THESE COORDINATES BY THE COMBINATION FACTOR.

5) THE NGS MONUMENT HELD FOR THIS PROJECT IS IS FIRST ORDER P.I.D. AA3730.

RECEIVED JUL 18 2011 PLATS & LEGALS

NAD83 (2007) S.P.  
N. 1,869,327.5048  
E. 1,023,602.1293  
PROJECT (GROUND)  
N. 869,425.1449  
E. 23,655.5948

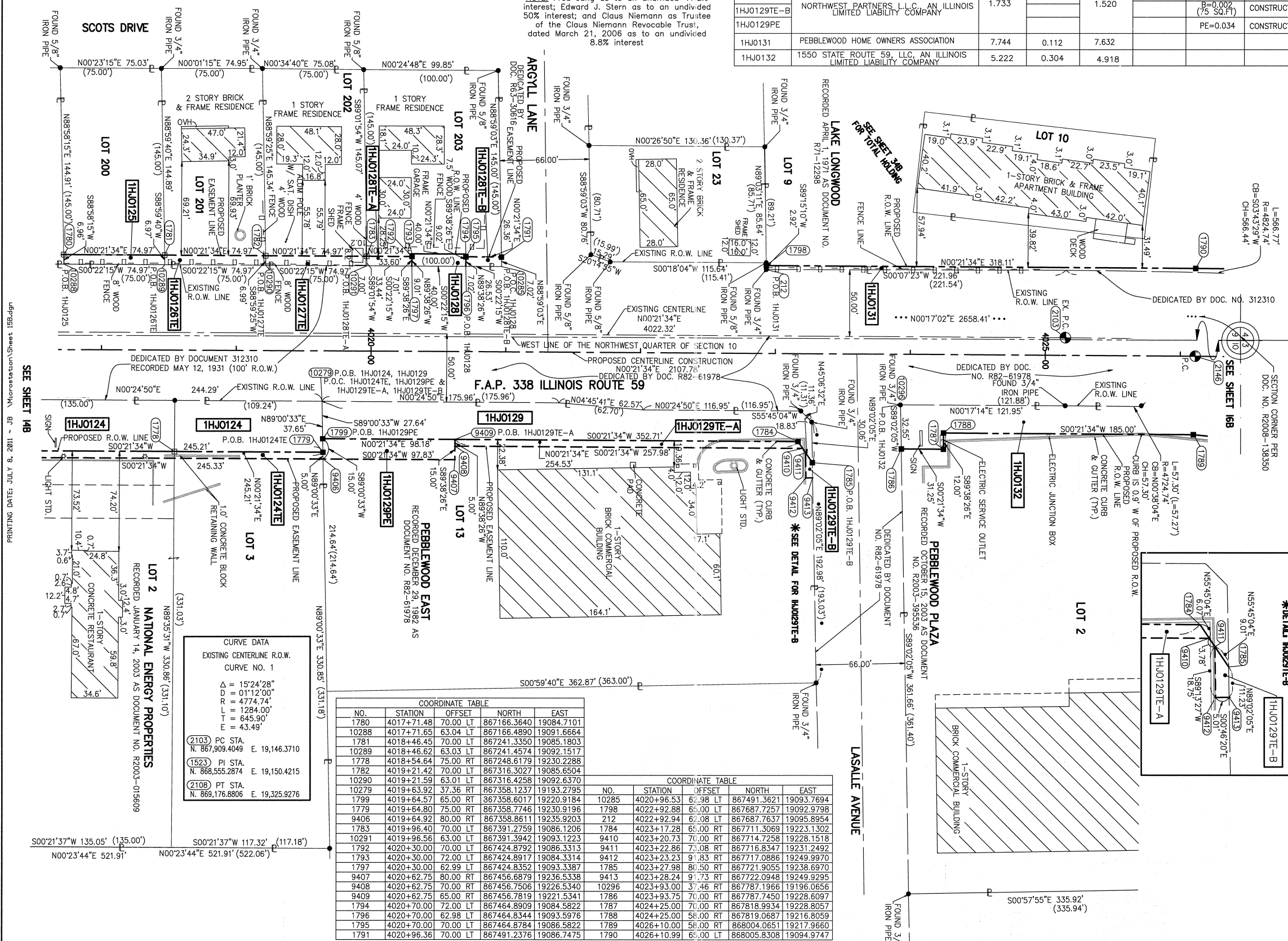
SCALE: 1" = 40'

SHEET 15B OF 47

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

**SCOTS PLAINS UNIT No. 4**  
RECORDED AUGUST 28, 1963 AS DOCUMENT NO. R63-30616

NOTE: Fred Jung as to an undivided 41.2% interest; Edward J. Stern as to an undivided 50% interest; and Claus Niemann as Trustee of the Claus Niemann Revocable Trust, dated March 21, 2006 as to an undivided 8.8% interest



**COORDINATE TABLE**

NO.	STATION	OFFSET	NORTH	EAST
1780	4017+71.48	70.00 LT	867166.3640	19084.7101
10288	4017+71.65	63.04 LT	867166.4890	19091.6664
1781	4018+46.45	70.00 LT	867241.3350	19085.1803
10289	4018+46.62	63.03 LT	867241.4574	19092.1517
1778	4018+54.64	75.00 RT	867248.6179	19230.2288
1782	4019+21.42	70.00 LT	867316.3027	19085.6504
10290	4019+21.59	63.01 LT	867316.4258	19092.6370
10279	4019+63.92	37.36 RT	867358.1237	19193.2795
1789	4019+64.57	65.00 RT	867358.6017	19220.9184
1779	4019+64.80	75.00 RT	867358.7746	19230.9196
9406	4019+64.92	80.00 RT	867358.8611	19235.9203
1783	4019+96.40	70.00 LT	867391.2759	19086.1206
10291	4019+96.56	63.00 LT	867391.3942	19093.1223
1792	4020+30.00	70.00 LT	867424.8792	19086.3313
1793	4020+30.00	72.00 LT	867424.8917	19084.3314
1797	4020+30.00	62.99 LT	867424.8352	19093.3387
9407	4020+62.75	80.00 RT	867456.6879	19236.5338
9408	4020+62.75	70.00 RT	867456.7506	19226.5340
9409	4020+62.75	65.00 RT	867456.7819	19221.5341
1794	4020+70.00	72.00 LT	867464.8909	19084.5822
1796	4020+70.00	62.98 LT	867464.8344	19093.5976
1795	4020+70.00	70.00 LT	867464.8784	19086.5822
1791	4020+96.36	70.00 LT	867491.2376	19086.7475

**COORDINATE TABLE**

NO.	STATION	OFFSET	NORTH	EAST
10285	4020+96.53	67.98 LT	867491.3621	19093.7694
1798	4022+92.88	65.00 LT	867687.7257	19092.9798
212	4022+92.94	67.08 LT	867687.7637	19095.8954
1784	4023+17.28	65.00 RT	867711.3069	19223.1302
9410	4023+20.73	70.00 RT	867714.7258	19228.1518
9411	4023+22.86	73.08 RT	867716.8347	19231.2492
9412	4023+23.23	91.83 RT	867717.0886	19249.9970
1785	4023+27.98	80.50 RT	867721.9055	19238.6970
9413	4023+28.24	91.73 RT	867722.0948	19249.9295
10296	4023+93.00	37.46 RT	867787.1966	19196.0656
1786	4023+93.75	70.00 RT	867787.7450	19228.6097
1787	4024+25.00	70.00 RT	867818.9934	19228.8057
1788	4024+25.00	58.00 RT	867819.0687	19216.8059
1789	4026+10.00	58.00 RT	868004.0651	19217.9660
1790	4026+10.99	65.00 LT	868005.8308	19094.9747

**CURVE DATA**  
EXISTING CENTERLINE R.O.W.  
CURVE NO. 1

Δ = 15°24'28"  
R = 01'12'00"  
D = 4774.74'  
L = 1284.00'  
T = 645.90'  
E = 43.49'

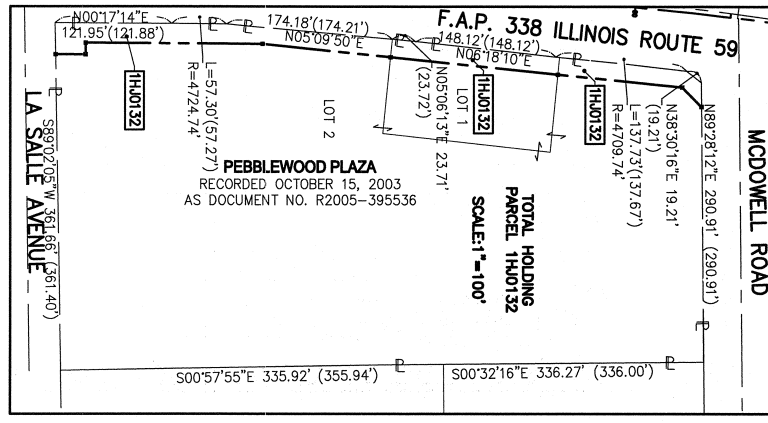
(2103) PC STA. N. 867,909.4049 E. 19,146.3710  
(1523) PI STA. N. 868,555.2874 E. 19,150.4215  
(2108) PT STA. N. 869,176.8806 E. 19,325.9276

**F.A.P. 338 ILLINOIS ROUTE 59, SECTION FERRY RD. TO AURORA AVE., JOB. NO. R-91-035-09.**

REVISION DATE: JULY 8, 2011 REVISION: ADD 1HJ0124TE, 1HJ0129PE, 1HJ0129TE-A, 1HJ0129TE-B MADE BY: JB

**PART OF THE NW 1/4 SECTION 10, T38N, R9E OF THE 3rd PM, NAPERVILLE TOWNSHIP, DUPAGE COUNTY, ILLINOIS.**

PARCEL NUMBER	OWNER	TOTAL HOLDING ACRES	PART TAKEN ACRES	REMAINDER ACRES	PREV. DED. ACRES	EASEMENT ACRES	EASEMENT PURPOSE	PERMANENT TAX INDEX NUMBER	PROPERTY ACQUIRED BY
1HJ0131	PEBBLEWOOD HOME OWNERS ASSOCIATION	7.744	0.112	7.632				07-09-201-084	
1HJ0132	1550 STATE ROUTE 59, LLC, AN ILLINOIS LIMITED LIABILITY COMPANY	5.222	0.304	4.918				07-10-108-018 07-10-108-019	
1HJ0134	PEBBLEWOOD ASSOCIATES, LLC, AN ILLINOIS LIMITED LIABILITY COMPANY	3.261	0.090	3.171				07-10-108-011 07-10-108-012	

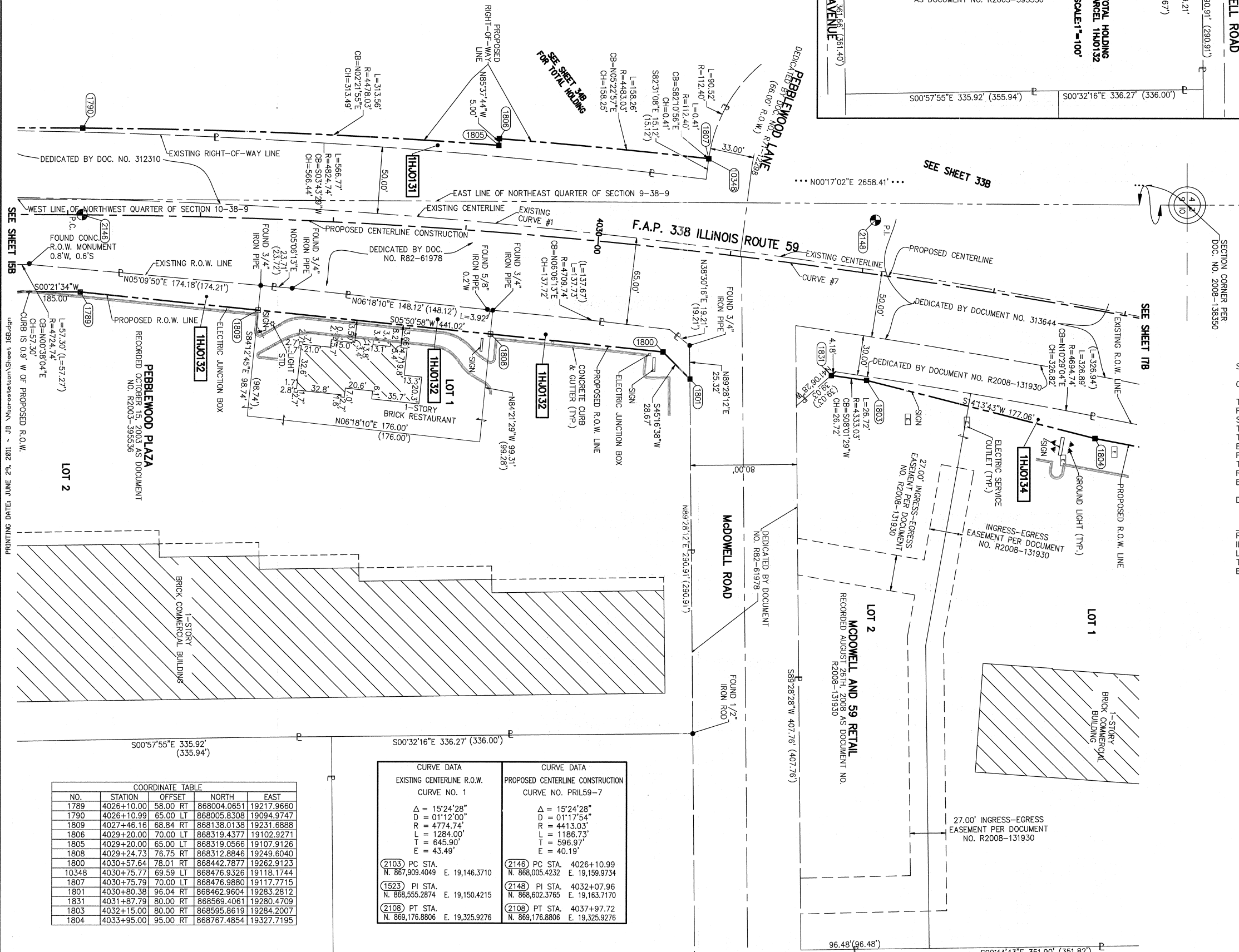


**LEGEND**

- SECTION LINE
- QUARTER SECTION LINE
- QUARTER, QUARTER SECTION LINE
- PLATTED LOT LINE
- PROPERTY (DEED) LINE
- APL APPARENT PROPERTY LINE
- CENTERLINE
- EXISTING RIGHT OF WAY LINE
- PROPOSED RIGHT OF WAY LINE
- PROPOSED EASEMENT
- EXISTING ACCESS CONTROL LINE
- PROPOSED ACCESS CONTROL LINE
- RECORD DATA
- EXISTING BUILDING
- CHAIN LINK FENCE
- WOOD FENCE
- FENCE LINE
- IRON PIPE OR ROD FOUND
- CUT CROSS FOUND OR SET
- BT1 THESE STAKES REFERENCE FOUND OR SET MONUMENTATION.
- BT2 SET 5/8 INCH REBAR FLUSH WITH GROUND TO TIE FOUND IRON STAKE. IDENTIFIED BY COLORED PLASTIC CAP BEARING SURVEYORS PROFESSIONAL NUMBER.
- BT3 IDENTIFIED BY COLORED PLASTIC CAP BEARING SURVEYORS PROFESSIONAL NUMBER.
- BT4 THESE STAKES, IN CULTIVATED AREAS, REFERENCE FOUND OR SET MONUMENTATION.
- BT5 BURIED 5/8 INCH REBAR 20 INCHES BELOW GROUND TO TIE FOUND IRON STAKE. IDENTIFIED BY COLORED PLASTIC CAP BEARING SURVEYORS PROFESSIONAL NUMBER.
- BT6 IDENTIFIED BY COLORED PLASTIC CAP BEARING SURVEYORS PROFESSIONAL NUMBER.
- BT7 STAKING OF PROPOSED RIGHT OF WAY. SET DIVISION OF HIGHWAYS SURVEY MARKER TO MONUMENT THE POSITION SHOWN. IDENTIFIED BY INSCRIPTION DATA AND SURVEYORS PROFESSIONAL NUMBER.
- BT8 STAKING OF PROPOSED RIGHT OF WAY IN CULTIVATED AREAS. BURIED 5/8 INCH REBAR 20 INCHES BELOW GROUND TO MARK FUTURE SURVEY MARKER POSITION. IDENTIFIED BY COLORED PLASTIC CAP BEARING SURVEYORS PROFESSIONAL NUMBER.
- BT9 PERMANENT SURVEY MARKER. IDOT STD. 2135 (TO BE SET BY OTHERS)
- BT10 RIGHT OF WAY STAKING PROPOSED TO BE SET.

SCALE: 1" = 40'

BEARINGS ARE BASED ON ILLINOIS STATE PLANE COORDINATE SYSTEM EAST ZONE, N.A.D. 83 (2007)



STATE OF ILLINOIS )  
COUNTY OF DUPAGE )

THIS IS TO CERTIFY THAT WE, MIDWEST TECHNICAL CONSULTANTS, INC., AN ILLINOIS PROFESSIONAL DESIGN FIRM NUMBER 184-002917, HAVE SURVEYED THE PLAT OF HIGHWAYS SHOWN HEREON BETWEEN SECTION 9, TOWNSHIP 38 NORTH, RANGE 9 EAST, AND SECTION 10, TOWNSHIP 38 NORTH, RANGE 9 EAST OF THE THIRD PRINCIPAL MERIDIAN, DUPAGE COUNTY, THAT THE SURVEY IS TRUE AND COMPLETE AS SHOWN TO THE BEST OF MY KNOWLEDGE AND BELIEF, THAT THE PLAT CORRECTLY REPRESENTS SAID SURVEY, THAT ALL MONUMENTS FOUND AND ESTABLISHED ARE OF PERMANENT QUALITY AND OCCUPY THE POSITIONS SHOWN THEREON AND THAT THE MONUMENTS ARE SUFFICIENT TO ENABLE THE SURVEY TO BE RETRACED. THIS SURVEY CONFORMS TO THE CURRENT ILLINOIS MINIMUM STANDARDS FOR A BOUNDARY SURVEY. MADE FOR THE DEPARTMENT OF TRANSPORTATION, STATE OF ILLINOIS.

DATED AT NAPERVILLE, ILLINOIS THIS \_\_\_\_ DAY OF \_\_\_\_\_, 2011 A.D.

RUSSELL W. OLSEN  
ILLINOIS PROFESSIONAL LAND SURVEYOR NO. 035-002718  
LICENSE EXPIRES NOVEMBER 30, 2012  
THIS PROFESSIONAL SERVICE CONFORMS TO THE CURRENT ILLINOIS MINIMUM STANDARDS FOR A BOUNDARY SURVEY.

**Midwest Technical Consultants, Inc.**  
1805 N. MILL STREET, SUITE L  
NAPERVILLE, ILLINOIS 60563  
(630)505-0101

- NOTES:
- ALL COORDINATES SHOWN HEREON ARE PROJECT. ALL DISTANCES SHOWN HEREON ARE GROUND.
  - BEARINGS SHOWN HEREON ARE BASED ON ILLINOIS STATE PLANE COORDINATE SYSTEM EAST ZONE, NAD 83, (2007).
  - THE COMBINATION FACTOR USEC FOR THIS PROJECT = 0.99994777.
  - COORDINATE CONVERSION
- NADB3 (2007) STATE PLANE COORDINATES TO PROJECT COORDINATES:  
A) DIVIDE THE STATE PLANE NADB3 GRID COORDINATES BY THE COMBINATION FACTOR.  
B) SUBTRACT 1,000,000.00 FROM THESE NORTHINGS AND EASTINGS.
- PROJECT COORDINATES TO NADB3 (2007) STATE PLANE COORDINATES:  
A) ADD 1,000,000.00 TO THE PROJECT NORTHINGS AND EASTINGS.  
B) MULTIPLY THESE COORDINATES BY THE COMBINATION FACTOR.
- 5) THE NGS MONUMENT HELD FOR THIS PROJECT IS IS FIRST ORDER P.I.D. AA3730.

NADB3 (2007) S.P. N. 1,869,327.5048 E. 1,023,602.1293	DUPAGE COUNTY JOB NO. R-91-035-09
PROJECT (GROUND) N. 869,425.1449 E. 23,655.5948	TO STATION 4034+00

RECEIVED  
JUN 29 2011  
PLATS & LEGALS

PLAT OF HIGHWAYS  
STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION  
F.A.P. 338 ILLINOIS ROUTE 59  
SECTION FERRY RD. TO AURORA AVE.  
PROJECT: ROUTE 59  
STATION 4026+00  
SCALE: 1" = 40'  
SHEET 16B OF 47

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

CONTRACT 60R31 SHEET 351 OF 734

**COORDINATE TABLE**

NO.	STATION	OFFSET	NORTH	EAST
1789	4026+10.00	58.00 RT	868004.0651	19217.9660
1790	4026+10.99	65.00 LT	868005.8308	19094.9747
1809	4027+46.16	68.84 RT	868138.0138	19231.6888
1806	4029+20.00	70.00 LT	868319.4377	19102.9271
1805	4029+20.00	65.00 LT	868319.0566	19107.9126
1808	4029+24.73	76.75 RT	868312.8846	19249.6040
1800	4030+57.64	78.01 RT	868442.7877	19262.9123
10348	4030+75.77	69.59 LT	868476.9326	19118.1744
1807	4030+75.79	70.00 LT	868476.9880	19117.7715
1801	4030+80.38	96.04 RT	868462.9604	19283.2812
1831	4031+87.79	80.00 RT	868569.4061	19280.4709
1803	4032+15.00	80.00 RT	868595.8619	19284.2007
1804	4033+95.00	95.00 RT	868767.4854	19327.7195

CURVE DATA		CURVE DATA	
EXISTING CENTERLINE R.O.W. CURVE NO. 1		PROPOSED CENTERLINE CONSTRUCTION CURVE NO. PRIL59-7	
Δ = 15°24'28"	Δ = 15°24'28"	Δ = 15°24'28"	Δ = 15°24'28"
D = 01°12'00"	D = 01°12'00"	D = 01°17'54"	D = 01°17'54"
R = 4774.74'	R = 4774.74'	R = 4413.03'	R = 4413.03'
L = 1284.00'	L = 1284.00'	L = 1186.73'	L = 1186.73'
T = 645.90'	T = 645.90'	T = 596.97'	T = 596.97'
E = 43.49'	E = 43.49'	E = 40.19'	E = 40.19'
(2103) PC STA. N. 867,909.4049 E. 19,146.3710	(2146) PC STA. 4026+10.99 N. 868,005.4232 E. 19,159.9734	(2148) PI STA. 4032+07.96 N. 868,602.3765 E. 19,163.7170	(2108) PT STA. 4037+97.72 N. 869,176.8806 E. 19,325.9276
(1523) PI STA. N. 868,555.2874 E. 19,150.4215	(2108) PT STA. 4037+97.72 N. 869,176.8806 E. 19,325.9276		

PART OF THE NW 1/4 SECTION 10 AND THE SW 1/4 SECTION 3, T38N, R9E OF THE 3rd PM, NAPERVILLE TOWNSHIP, DUPAGE COUNTY, ILLINOIS.

LEGEND

PARCEL NUMBER	OWNER	TOTAL HOLDING ACRES	PART TAKEN ACRES	REMAINDER ACRES	PREV. DED. ACRES	EASEMENT ACRES	EASEMENT PURPOSE	PERMANENT TAX INDEX NUMBER	PROPERTY ACQUIRED BY
1HJ0134	PEBBLEWOOD ASSOCIATES, LLC, AN ILLINOIS LIMITED LIABILITY COMPANY	3.261	0.090	3.171				07-10-105-011 07-10-105-012	
1HJ0139A	MAVENS LIMITED PARTNERSHIP	1.061	A=0.005 (215 SQ.FT.)	0.960		0.002 (96 SQ.FT.)	DRIVEWAY RECONSTRUCTION	07-10-105-009	
1HJ0139TE									
1HJ0139B									
1HJ0140	R-ROOF V, LLC, A DELAWARE LIMITED LIABILITY COMPANY	2.462	0.354	2.108		A=0.033	DRIVEWAY RECONSTRUCTION	07-03-305-003	
1HJ0140TE-A									
1HJ0140TE-B						B=0.005 (224 SQ.FT.)			
1HJ0165	BRE/ESA PROPERTIES, L.L.C., A DELAWARE LIMITED LIABILITY COMPANY	3.349	0.078	3.271		0.004 (154 SQ.FT.)	DRIVEWAY RECONSTRUCTION	07-10-105-010	
1HJ0165TE									

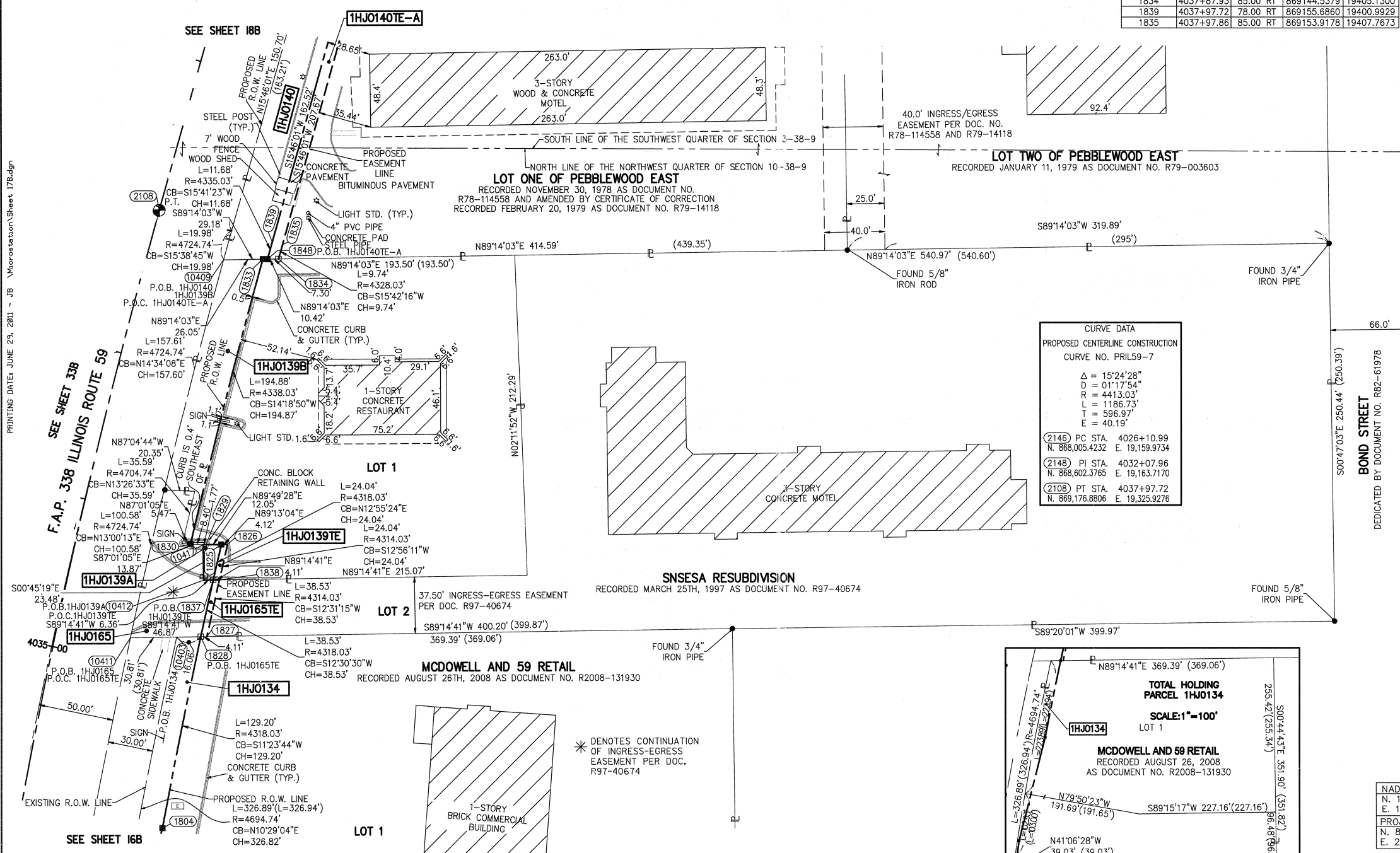
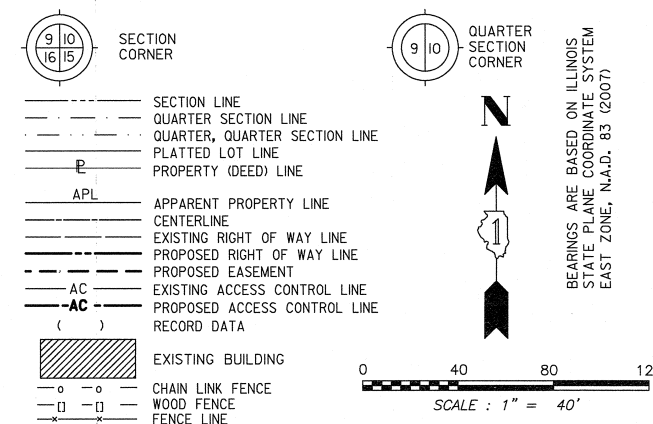
CURVE DATA  
EXISTING CENTERLINE R.O.W.  
CURVE NO. 1

Δ = 15°24'28"  
D = 01°12'00"  
R = 4774.74'  
L = 1284.00'  
T = 645.90'  
E = 43.49'

(2103) PC STA. N. 867,909.4049 E. 19,146.3710  
(1523) PI STA. N. 868,555.2874 E. 19,150.4215  
(2108) PT STA. N. 869,176.8806 E. 19,325.9276

COORDINATE TABLE

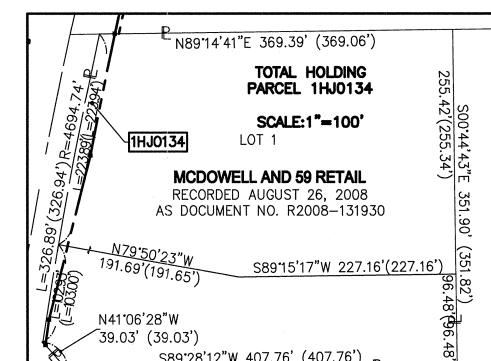
NO.	STATION	OFFSET	NORTH	EAST
1804	4033+95.00	95.00 RT	868767.4854	19327.7195
10411	4035+16.38	49.32 RT	868893.5188	19306.3820
10403	4035+23.69	79.36 RT	868893.9250	19337.1924
1828	4035+27.05	95.00 RT	868894.1367	19353.2466
1827	4035+27.99	99.00 RT	868894.1908	19357.3516
10412	4035+64.90	88.81 RT	868931.6661	19355.2290
1837	4035+66.42	95.00 RT	868931.7500	19361.5909
1838	4035+67.41	99.00 RT	868931.8042	19365.7047
1830	4035+86.68	75.00 RT	868955.5811	19346.5296
10417	4035+88.17	83.27 RT	868955.1441	19354.9194
1829	4035+88.49	85.00 RT	868955.0528	19356.6719
1825	4035+90.99	95.00 RT	868955.1810	19366.9674
1826	4035+92.00	99.00 RT	868955.2372	19371.0872
1833	4037+84.93	75.00 RT	869144.3986	19394.7075
1848	4037+85.83	78.00 RT	869144.4404	19397.8340
1834	4037+87.93	85.00 RT	869144.5379	19405.1300
1839	4037+97.72	78.00 RT	869155.6860	19400.9929
1835	4037+97.86	85.00 RT	869153.9178	19407.7673



CURVE DATA  
PROPOSED CENTERLINE CONSTRUCTION  
CURVE NO. PH159-7

Δ = 15°24'28"  
D = 01°17'54"  
R = 4413.03'  
L = 1186.73'  
T = 596.97'  
E = 40.19'

(2146) PC STA. 4026+10.99 N. 868,005.4232 E. 19,159.9734  
(2148) PI STA. 4032+07.96 N. 868,602.3785 E. 19,163.7170  
(2108) PT STA. 4037+97.72 N. 869,176.8806 E. 19,325.9276



- BTI THESE STAKES, IN CULTIVATED AREAS, REFERENCE FOUND OR SET MONUMENTATION. BT2 BURIED 5/8 INCH REBAR 20 INCHES BELOW GROUND TO TIE FOUND IRON STAKE. BT3 IDENTIFIED BY COLORED PLASTIC CAP BEARING SURVEYORS PROFESSIONAL NUMBER.
- STAKING OF PROPOSED RIGHT OF WAY. SET DIVISION OF HIGHWAYS SURVEY MARKER TO MONUMENT THE POSITION SHOWN. IDENTIFIED BY INSCRIPTION DATA AND SURVEYORS PROFESSIONAL NUMBER.
- M STAKING OF PROPOSED RIGHT OF WAY IN CULTIVATED AREAS. BURIED 5/8 INCH REBAR 20 INCHES BELOW GROUND TO MARK FUTURE SURVEY MARKER POSITION. IDENTIFIED BY COLORED PLASTIC CAP BEARING SURVEYORS PROFESSIONAL NUMBER.
- PERMANENT SURVEY MARKER. IDOT STD. 2135 (TO BE SET BY OTHERS)
- RIGHT OF WAY STAKING PROPOSED TO BE SET. STATE OF ILLINOIS ) SS COUNTY OF DUPAGE)

THIS IS TO CERTIFY THAT WE, MIDWEST TECHNICAL CONSULTANTS, INC., AN ILLINOIS PROFESSIONAL DESIGN FIRM NUMBER 184-002917, HAVE SURVEYED THE PLAT OF HIGHWAYS SHOWN HEREON BETWEEN SECTION 10, TOWNSHIP 38 NORTH, RANGE 9 EAST, AND SECTION 3, TOWNSHIP 38 NORTH, RANGE 9 EAST OF THE THIRD PRINCIPAL MERIDIAN, DUPAGE COUNTY, THAT THE SURVEY IS TRUE AND COMPLETE AS SHOWN TO THE BEST OF MY KNOWLEDGE AND BELIEF, THAT THE PLAT CORRECTLY REPRESENTS SAID SURVEY, THAT ALL MONUMENTS FOUND AND ESTABLISHED ARE OF PERMANENT QUALITY AND OCCUPY THE POSITIONS SHOWN THEREON AND THAT THE MONUMENTS ARE SUFFICIENT TO ENABLE THE SURVEY TO BE RETRACED. THIS SURVEY CONFORMS TO THE CURRENT ILLINOIS MINIMUM STANDARDS FOR A BOUNDARY SURVEY. MADE FOR THE DEPARTMENT OF TRANSPORTATION, STATE OF ILLINOIS.

DATED AT NAPERVILLE, ILLINOIS THIS \_\_\_\_ DAY OF \_\_\_\_\_, 2011 A.D.

RUSSELL W. OLSEN  
ILLINOIS PROFESSIONAL LAND SURVEYOR NO. 035-002718  
LICENSE EXPIRES NOVEMBER 30, 2012  
THIS PROFESSIONAL SERVICE CONFORMS TO THE CURRENT ILLINOIS MINIMUM STANDARDS FOR A BOUNDARY SURVEY.

- NOTES:
- 1) ALL COORDINATES SHOWN HEREON ARE PROJECT. ALL DISTANCES SHOWN HEREON ARE GROUND.
  - 2) BEARINGS SHOWN HEREON ARE BASED ON ILLINOIS STATE PLANE COORDINATE SYSTEM EAST ZONE, NAD 83, (2007).
  - 3) THE COMBINATION FACTOR USED FOR THIS PROJECT = 0.99994777.
  - 4) COORDINATE CONVERSION
- NAD83 (2007) STATE PLANE COORDINATES TO PROJECT COORDINATES:  
A) DIVIDE THE STATE PLANE NAD83 GRID COORDINATES BY THE COMBINATION FACTOR.  
B) SUBTRACT 1,000,000.00 FROM THESE NORTHINGS AND EASTINGS.
- PROJECT COORDINATES TO NAD83 (2007) STATE PLANE COORDINATES:  
A) ADD 1,000,000.00 TO THE PROJECT NORTHINGS AND EASTINGS.  
B) MULTIPLY THESE COORDINATES BY THE COMBINATION FACTOR.
- 5) THE NGS MONUMENT HELD FOR THIS PROJECT IS FIRST ORDER P.I.D. AA3730.

PLAT OF HIGHWAYS  
STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION  
F.A.P. 338 ILLINOIS ROUTE 59  
SECTION FERRY RD. TO AURORA AVE. DUPAGE COUNTY  
PROJECT: ROUTE 59 JOB NO. R-91-035-09  
STATION 4034+50.00 TO STATION 4039+00  
SCALE: 1" = 40' SHEET 17B OF 47

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

PRINTING DATE: JUNE 29, 2011 - JB Macrostation/Sheet 17B.dgn



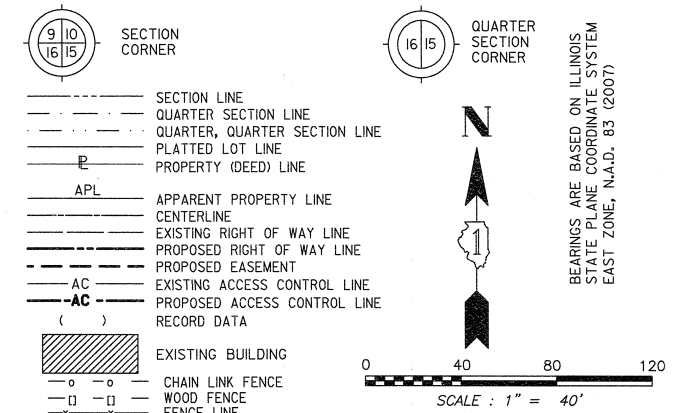


PART OF THE SW 1/4 SECTION 3, T38N, R9E OF THE 3rd PM, NAPERVILLE TOWNSHIP, DUPAGE COUNTY, ILLINOIS.

LEGEND

COORDINATE TABLE				
NO.	STATION	OFFSET	NORTH	EAST
1867	107+47.70	62.62 LT	869562.3412	20161.1940
1866	107+47.70	90.00 LT	869589.7239	20160.8411
247	107+50.04	49.63 RT	869450.1389	20164.9833
1853	107+50.04	75.00 RT	869424.7678	20165.3113
1859	108+00.00	60.00 LT	869560.4004	20213.5234
1860	108+00.00	65.00 LT	869565.4000	20213.4589
1854	110+37.18	60.00 RT	869443.4670	20452.2336
252	113+51.99	49.83 RT	869457.6927	20766.8851
1861	113+65.00	50.00 LT	869557.6826	20778.6053
1851	113+65.00	65.00 LT	869572.6813	20778.4120

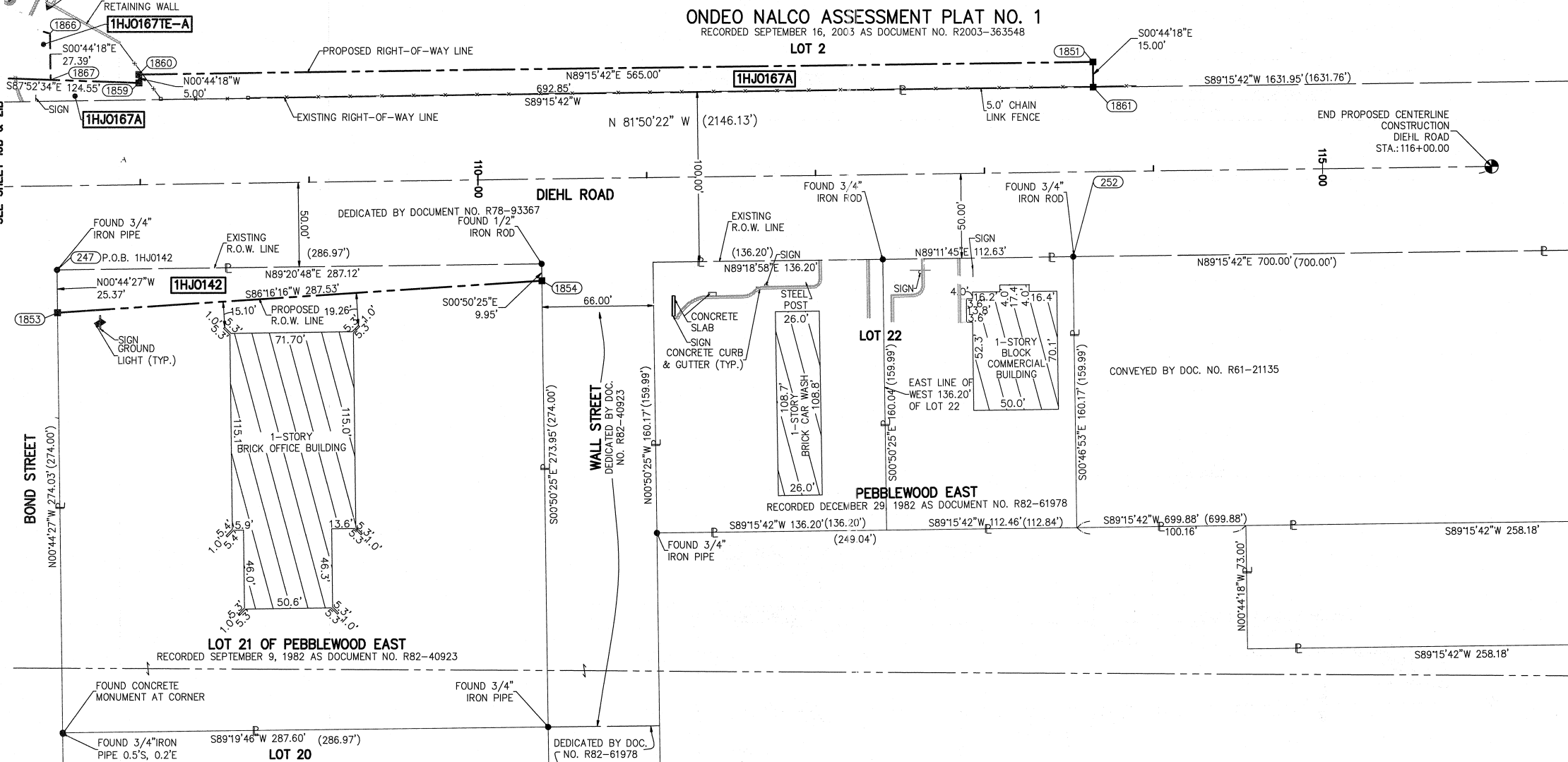
PARCEL NUMBER	OWNER	TOTAL HOLDING	PART TAKEN	REMAINDER	PREV. DED.	EASEMENT	EASEMENT PURPOSE	PERMANENT TAX INDEX NUMBER	PROPERTY ACQUIRED BY
		ACRES	ACRES	ACRES	ACRES	ACRES			
1HJ0142	SYNERGETIC REAL ESTATE, LLC, AN ILLINOIS LIMITED LIABILITY COMPANY	1.807	0.116	1.691				07-03-306-002	
1HJ0167A	WACHOVIA BANK OF DELAWARE, NATIONAL ASSOCIATION AS OWNER TRUSTEE OF THE NAPERVILLE PROPERTY TRUST UNDER TRUST AGREEMENT DATED DECEMBER 30, 2002	63.961	A=0.233	63.565				07-03-304-021	
1HJ0167B			B=0.163						
1HJ0167E-A									
1HJ0167E-B									



- IRON PIPE OR ROD FOUND ○ SET 5/8" x 30" REBAR
- + CUT CROSS FOUND OR SET ●PK FOUND PK NAIL ○PK SET PK NAIL
- T1 THESE STAKES REFERENCE FOUND OR SET MONUMENTATION.  
T2 SET 5/8 INCH REBAR FLUSH WITH GROUND TO TIE FOUND IRON STAKE, IDENTIFIED BY COLORED PLASTIC CAP AND BEARING SURVEYORS PROFESSIONAL NUMBER.  
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- STAKING OF PROPOSED RIGHT OF WAY.  
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- RIGHT OF WAY STAKING PROPOSED TO BE SET.

PRINTING DATE: JULY 11, 2011 - JB Microstation/Sheet 19B.dgn  
SEE SHEET 19B & 21B

NOTE: SEE SHEET 20B FOR TOTAL HOLDINGS PARCEL 1HJ0167



THIS IS TO CERTIFY THAT WE, MIDWEST TECHNICAL CONSULTANTS, INC., AN ILLINOIS PROFESSIONAL DESIGN FIRM NUMBER 184-002917, HAVE SURVEYED THE PLAT OF HIGHWAYS SHOWN HEREON BETWEEN SECTION 3, TOWNSHIP 38 NORTH, RANGE 9 EAST, AND SECTION 10, TOWNSHIP 38 NORTH, RANGE 9 EAST OF THE THIRD PRINCIPAL MERIDIAN, DUPAGE COUNTY, THAT THE SURVEY IS TRUE AND COMPLETE AS SHOWN TO THE BEST OF MY KNOWLEDGE AND BELIEF, THAT THE PLAT CORRECTLY REPRESENTS SAID SURVEY, THAT ALL MONUMENTS FOUND AND ESTABLISHED ARE OF PERMANENT QUALITY AND OCCUPY THE POSITIONS SHOWN THEREON AND THAT THE MONUMENTS ARE SUFFICIENT TO ENABLE THE SURVEY TO BE RETRACED. THIS SURVEY CONFORMS TO THE CURRENT ILLINOIS MINIMUM STANDARDS FOR A BOUNDARY SURVEY. MADE FOR THE DEPARTMENT OF TRANSPORTATION, STATE OF ILLINOIS.  
DATED AT NAPERVILLE, ILLINOIS THIS \_\_\_\_ DAY OF \_\_\_\_\_, 2011 A.D.

RUSSELL W. OLSEN  
ILLINOIS PROFESSIONAL LAND SURVEYOR NO. 035-002718  
LICENSE EXPIRES NOVEMBER 30, 2012  
THIS PROFESSIONAL SERVICE CONFORMS TO THE CURRENT ILLINOIS MINIMUM STANDARDS FOR A BOUNDARY SURVEY.

**Midwest Technical Consultants, Inc.**  
1805 N. MILL STREET, SUITE L  
Naperville, ILLINOIS 60563  
(630)505-0101

- NOTES:
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  - BEARINGS SHOWN HEREON ARE BASED ON ILLINOIS STATE PLANE COORDINATE SYSTEM EAST ZONE, NAD 83, (2007).
  - THE COMBINATION FACTOR USED FOR THIS PROJECT = 0.99994777.
  - COORDINATE CONVERSION
- NAD83 (2007) STATE PLANE COORDINATES TO PROJECT COORDINATES:  
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RECEIVED  
JUL 14 2011  
PLATS & LEGALS

NAD83 (2007) S.P.
N. 1,869,327.5048
E. 1,023,602.1293
PROJECT (GROUND)
N. 869,425.1449
E. 23,655.5948

**PLAT OF HIGHWAYS  
STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION  
F.A.P. 338 ILLINOIS ROUTE 59**  
SECTION FERRY RD. TO AURORA AVE. DUPAGE COUNTY  
PROJECT: ROUTE 59 JOB NO. R-91-035-09  
STATION 107+50 TO STATION 116+00  
SCALE: 1" = 40' SHEET 19B OF 47

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

PART OF THE SW 1/4 SECTION 3, T38N, R9E OF THE 3rd PM, NAPERVILLE TOWNSHIP, DUPAGE COUNTY, ILLINOIS.

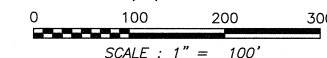
LEGEND



SECTION CORNER

QUARTER SECTION CORNER

- SECTION LINE
- QUARTER SECTION LINE
- QUARTER, QUARTER SECTION LINE
- PLATTED LOT LINE
- PROPERTY (DEED) LINE
- APL APPARENT PROPERTY LINE
- CENTERLINE
- EXISTING RIGHT OF WAY LINE
- PROPOSED RIGHT OF WAY LINE
- PROPOSED EASEMENT
- EXISTING ACCESS CONTROL LINE
- PROPOSED ACCESS CONTROL LINE
- RECORD DATA
- EXISTING BUILDING



BEARINGS ARE BASED ON ILLINOIS STATE PLANE COORDINATE SYSTEM EAST ZONE, N.A.D. 83 (2007)

PARCEL NUMBER	OWNER	TOTAL HOLDING ACRES	PART TAKEN ACRES	REMAINDER ACRES	PREV. DED. ACRES	EASEMENT ACRES	EASEMENT PURPOSE	PERMANENT TAX INDEX NUMBER	PROPERTY ACQUIRED BY
1HJ0167A	WACHOVIA BANK OF DELAWARE, NATIONAL ASSOCIATION AS OWNER TRUST OF THE NAPERVILLE PROPERTY TRUST UNDER TRUST AGREEMENT DATED DECEMBER 30, 2002.	63.991	A=0.233	63.595				07-03-304-021	
1HJ0167B			B=0.163						
1HJ0167E-A					A=0.056	DRIVEWAY RECONSTRUCTION			
1HJ0167E-B					B=0.140				

TOTAL HOLDING PARCEL 1HJ0167  
SCALE: 1"=100'

ONDEO NALCO ASSESSMENT PLAT NO. 1  
RECORDED SEPTEMBER 16, 2003  
AS DOCUMENT NO. R2003-363548

- IRON PIPE OR ROD FOUND
- SET 5/8" x 30" REBAR
- + CUT CROSS FOUND OR SET
- PK FOUND PK NAIL
- OPK SET PK NAIL
- T1 THESE STAKES REFERENCE FOUND OR SET MONUMENTATION.
- T2 SET 5/8 INCH REBAR FLUSH WITH GROUND TO TIE FOUND IRON STAKE. IDENTIFIED BY COLORED PLASTIC CAP AND BEARING SURVEYORS PROFESSIONAL NUMBER.
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STATE OF ILLINOIS )  
COUNTY OF DUPAGE ) SS

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DATED AT NAPERVILLE, ILLINOIS THIS \_\_\_\_ DAY OF \_\_\_\_\_, 2010 A.D.

RUSSELL W. OLSEN  
ILLINOIS PROFESSIONAL LAND SURVEYOR NO. 035-002718  
LICENSE EXPIRES NOVEMBER 30, 2010  
THIS PROFESSIONAL SERVICE CONFORMS TO THE CURRENT ILLINOIS MINIMUM STANDARDS FOR A BOUNDARY SURVEY.

**Midwest Technical Consultants, Inc.**  
1805 N. MILL STREET, SUITE L  
NAPERVILLE, ILLINOIS 60563  
(630)505-0101

NOTES:

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- 4) COORDINATE CONVERSION  
NAD83 (2007) STATE PLANE COORDINATES TO PROJECT COORDINATES:  
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PROJECT COORDINATES TO NAD83 (2007) STATE PLANE COORDINATES:  
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RECEIVED  
SEP 26 2011  
PLATS & LEGALS

NAD83 (2007) S.P.
N. 1,869,327.5048
E. 1,023,602.1293
PROJECT (GROUND)
N. 869,425.1449
E. 23,655.5948

JOB #R-91-035-09 DGN. #208-47

**PLAT OF HIGHWAYS**  
**STATE OF ILLINOIS**  
**DEPARTMENT OF TRANSPORTATION**  
**F.A.P. 338 ILLINOIS ROUTE 59**  
SECTION FERRY RD. TO AURORA AVE. DUPAGE COUNTY  
PROJECT: ROUTE 59 JOB NO. R-91-035-09

STATION 107+00 TO STATION 116+00  
SCALE: 1" = 100' SHEET 20B OF 47

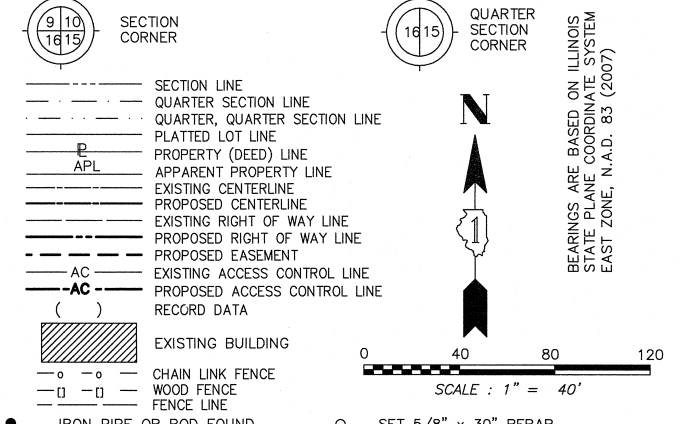
**BUREAU OF LAND ACQUISITION**  
**201 WEST CENTER COURT**  
**SCHAUMBURG, ILLINOIS 60196-1096**



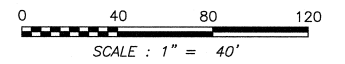
PART OF THE SW 1/4 SECTION 3, T38N, R9E OF THE 3rd PM, NAPERVILLE TOWNSHIP, DUPAGE COUNTY, ILLINOIS.

COORDINATE TABLE						
NO.	STATION	OFFSET	NORTH	EAST		
10437	101+57.77	50.00	LT	869542.1246	19571.4776	
5199	101+85.62	85.00	LT	869578.9547	19713.2427	
1363	103+00.00	85.00	LT	869578.9547	19713.2427	
10427	106+72.15	50.00	LT	869548.7536	20085.8149	
1364	106+75.61	66.22	LT	869565.0164	20089.0609	
1365	106+84.93	110.00	LT	869608.9134	20097.8226	
1367	107+47.70	62.62	LT	869562.3412	20161.1940	
1366	107+47.70	90.00	LT	869589.7239	20160.8411	
1359	108+00.00	60.00	LT	869560.4004	20213.5234	
1360	108+00.00	65.00	LT	869565.4000	20213.4589	
5200	4043+10.00	90.00	RT	869646.7845	19551.6342	
1917	4045+83.33	85.00	LT	869953.0287	19444.0195	
5202	4046+49.99	90.00	RT	869984.7170	19628.5935	
5203	4046+49.99	110.00	RT	869981.0020	19648.2454	

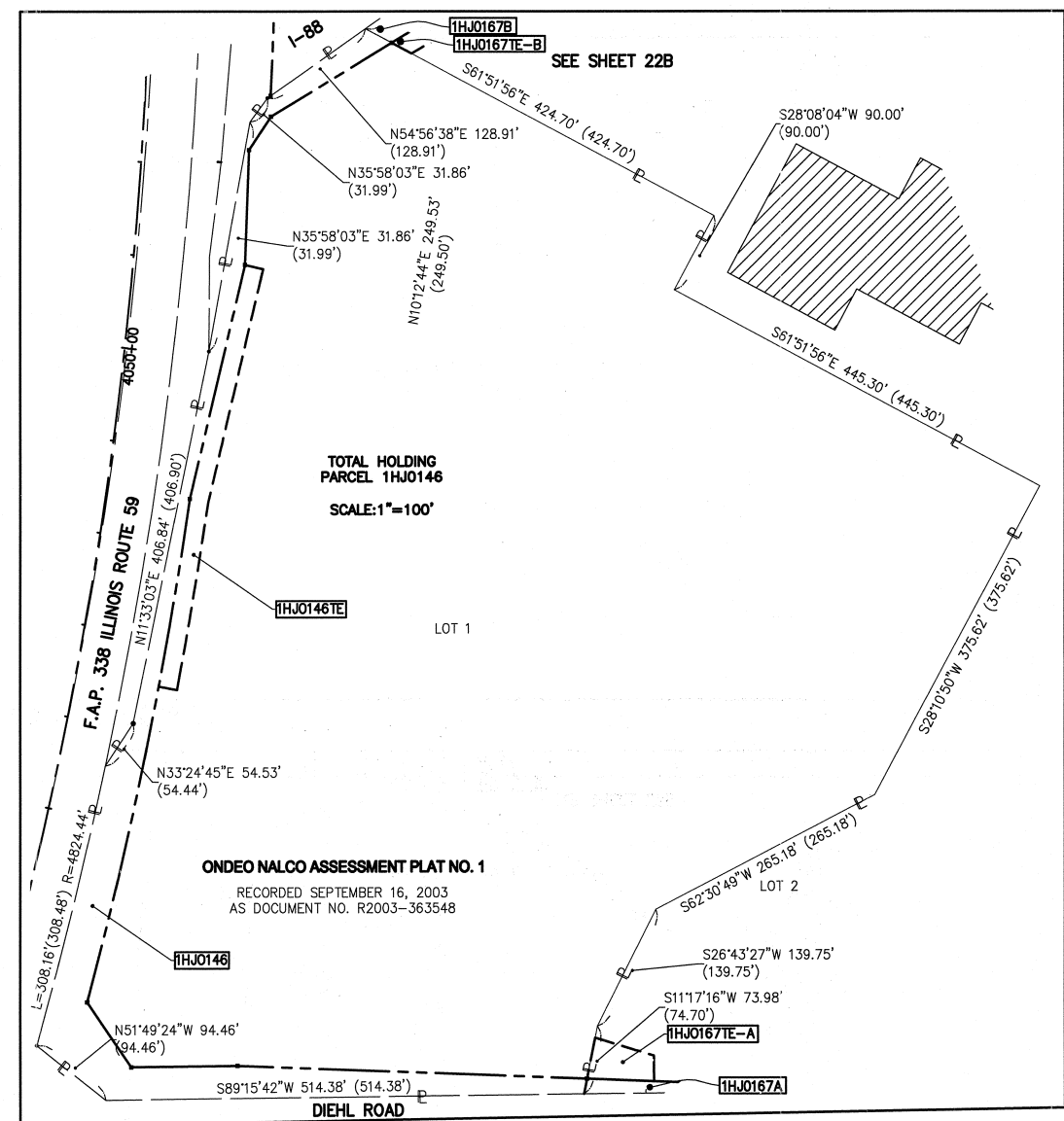
LEGEND



BEARINGS ARE BASED ON ILLINOIS STATE PLANE COORDINATE SYSTEM EAST ZONE, N.A.D. 83 (2007)



CURVE DATA	
EXISTING CENTERLINE R.O.W. CURVE NO. 2	
$\Delta$	14°25'49"
D	01°12'00"
R	4774.74'
L	1202.54'
T	604.47'
E	38.11'
PROPOSED CENTERLINE CONSTRUCTION CURVE NO. PRIL59-8	
$\Delta$	14°25'49"
D	01°14'59"
R	4584.55'
L	1154.64'
T	580.39'
E	36.59'



PARCEL NUMBER	OWNER	TOTAL HOLDING ACRES	PART TAKEN ACRES	REMAINDER ACRES	PREV. DED. ACRES	EASEMENT ACRES	EASEMENT PURPOSE	PERMANENT TAX INDEX NUMBER	PROPERTY ACQUIRED BY
1HJ0146	ONDEO NALCO COMPANY, A DELAWARE CORPORATION	17.062	1.048	16.014				07-03-304-020	
1HJ0146TE	F/K/A NALCO CHEMICAL COMPANY					0.212	CONSTRUCTION		
1HJ0157	1751 WEST DIEHL ROAD ASSOCIATES, LLC,	9.893	0.522	9.371				07-03-301-007	
1HJ0157E-A	AN ILLINOIS LIMITED LIABILITY COMPANY					A=0.041	DRIVEWAY RECONSTRUCTION		
1HJ0157E-B						B=0.037	CONSTRUCTION		
1HJ0167A	WACHOVIA BANK OF DELAWARE, NATIONAL ASSOCIATION AS OWNER TRUSTEE OF THE NAPERVILLE PROPERTY TRUST UNDER TRUST AGREEMENT DATED DECEMBER 30, 2002	63.961	A=0.233	63.565				07-03-304-021	
1HJ0167B			B=0.163						
1HJ0167E-A						A=0.056	DRIVEWAY RECONSTRUCTION		
1HJ0167E-B						B=0.140			

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DATED AT NAPERVILLE, ILLINOIS THIS \_\_\_\_\_ DAY OF \_\_\_\_\_, 2010 A.D.

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STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION  
F.A.P. 338 ILLINOIS ROUTE 59  
SECTION FERRY RD. TO AURORA AVE. DUPAGE COUNTY  
PROJECT: ROUTE 59 JOB NO. R-91-035-09  
STATION 4042+00 TO STATION 4047+50  
STATION 100+00 TO STATION 108+00  
SCALE: 1" = 40' SHEET 21B OF 47

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







PARCEL NUMBER	OWNER	TOTAL HOLDING ACRES	PART TAKEN ACRES	REMAINDER ACRES	PREV. DED. ACRES	EASEMENT ACRES	EASEMENT PURPOSE	PERMANENT TAX INDEX NUMBER	PROPERTY ACQUIRED BY
1HJ0136	1620 PEBBLEWOOD, L.L.C.	0.898	0.147	0.751				07-09-202-002	
1HJ0136TE						0.038	CONSTRUCTION		
1HJ0137	WEST SUBURBAN BANK AS TRUSTEE UNDER TRUST AGREEMENT DATED JULY 6, 1998 KNOWN AS TRUST NO. 10742	0.753	0.084	0.669				07-03-302-004	
1HJ0137TE						0.022	CONSTRUCTION		
1HJ0138	EXXONMOBIL OIL CORPORATION	0.787	0.250	0.537				07-03-302-003	
1HJ0138TE						0.044	CONSTRUCTION		
1HJ0147	ASTOR PLACE TOWNHOMES ASSOCIATION	3.315	0.210	3.105				07-04-402-013	
1HJ0154	ICUL SERVICE CORPORATION	3.895	0.154	3.741				07-04-401-043	
1HJ0155	LOSALE NATIONAL TRUST, N.A. (OR ITS SUCCESSOR) AS SUCCESSOR TO LOSALE NATIONAL BANK, N.A., AS TRUSTEE UNDER TRUST DATED MAY 1, 1984 KNOWN AS TRUST NO. 107999	2.421	0.029	2.392				07-04-401-036(PT)	
1HJ0155TE						0.067	DRIVEWAY RECONSTRUCTION		
1HJ0156	1771 WEST DIEHL ROAD ASSOCIATES, LLC, AN ILLINOIS LIMITED LIABILITY COMPANY	5.830	0.238	5.592				07-04-401-022	
1HJ0156TE						0.211	CONSTRUCTION		
1HJ0157	1751 WEST DIEHL ROAD ASSOCIATES, LLC, AN ILLINOIS LIMITED LIABILITY COMPANY	9.893	0.522	9.371				07-03-301-007	
1HJ0157TE-A						A=0.041	DRIVEWAY RECONSTRUCTION		
1HJ0157TE-B						B=0.037	CONSTRUCTION		

**PART OF THE SW 1/4 SECTION 3 & SE 1/4 SECTION 4, T38N, R9E OF THE 3rd PM, NAPERVILLE TOWNSHIP, DUPAGE COUNTY, ILLINOIS.**

COORDINATE TABLE				COORDINATE TABLE					
NO.	STATION	OFFSET		NO.	STATION	OFFSET			
1881	90+34.06	65.00 RT	869412.6525	18449.3391	1904	96+60.00	75.00 LT	869560.7076	19073.4247
258	90+34.36	50.13 RT	869427.5270	18449.4539	1905	96+60.00	72.00 LT	869557.7079	19073.4634
1898	91+65.42	132.93 LT	869612.2589	18578.1363	9423	96+79.54	79.58 RT	869406.3923	19094.9574
1893	91+65.46	75.00 LT	869554.3343	18578.9232	9414	96+79.56	78.56 RT	869407.4124	19094.9611
1894	91+65.46	70.00 LT	869549.3347	18578.9911	10452	96+80.03	50.00 RT	869435.9752	19095.0673
10498	91+65.47	50.00 LT	869529.3366	18579.2628	9415	96+89.90	73.58 RT	869412.5253	19105.2371
1899	92+15.38	132.95 LT	869612.9259	18628.0942	9422	97+68.99	79.58 RT	869407.5450	19184.3978
1895	92+15.45	75.00 LT	869554.9785	18628.9077	9416	97+68.99	73.58 RT	869413.5445	19184.3205
10501	92+15.47	50.00 LT	869529.9809	18629.2586	9417	97+68.99	76.25 RT	869410.8748	19184.3549
1896	92+73.89	87.00 LT	869567.7307	18687.1922	9421	97+69.99	82.25 RT	869404.8881	19185.4321
1897	92+73.89	132.98 LT	869613.7069	18686.5996	9419	98+23.21	76.25 RT	869411.5735	19238.5704
1875	93+00.00	65.00 RT	869416.0798	18715.2589	9420	98+23.21	82.25 RT	869405.5740	19238.6477
1967	93+39.81	68.00 RT	869413.5931	18755.1042	1906	98+25.00	72.00 LT	869559.8343	19238.4497
5197	93+66.67	70.00 RT	869411.9394	18781.9844	9424	98+66.52	107.52 RT	869380.8640	19282.2830
1968	96+01.73	68.00 RT	869416.9882	19017.0006	9426	98+68.55	105.68 RT	869382.7301	19284.2854
1901	96+02.99	144.58 LT	869629.5471	19015.5228	9418	98+71.06	103.39 RT	869385.0524	19286.7699
1900	96+02.99	87.00 LT	869571.9719	19016.2648	9427	98+73.07	101.57 RT	869386.9019	19288.7572
1908	96+29.46	144.58 LT	869629.8883	19041.9909	9830	4037+09.93	79.58 LT	869112.2566	19225.9136
1909	96+29.54	75.00 LT	869560.3151	19042.9718	9828	4037+11.56	73.58 LT	869112.3461	19225.9382
10502	96+29.57	50.00 LT	869535.3176	19043.3242	10400	4037+18.00	50.05 LT	869112.6973	19256.5507
1902	96+52.99	144.58 LT	869630.1915	19065.5186	9831	4037+97.72	73.58 LT	869196.8742	19255.1161
1903	96+52.99	75.00 LT	869560.6173	19066.4153	9833	4037+97.72	79.58 LT	869198.5045	19249.3418
					9834	4038+69.38	79.58 LT	869267.4720	19268.8147
					9832	4038+69.38	73.58 LT	869265.8416	19274.5890
					10408	4038+69.38	50.00 LT	869259.4343	19297.2818
					9425	4039+46.39	79.58 LT	869341.5799	19289.7390
					9835	4039+46.39	73.58 LT	869339.9496	19295.5133
					9424	4039+82.17	97.43 LT	869380.8640	19282.2830
					9426	4039+84.51	96.01 LT	869382.7301	19284.2854
					9418	4039+87.42	94.25 LT	869385.0524	19286.7699
					9427	4039+89.74	92.84 LT	869386.9019	19288.7572
					1922	4042+44.00	95.00 LT	869632.1860	19355.7647

**LEGEND**

SECTION CORNER (9 10 16 15)

QUARTER SECTION CORNER (16 15)

SECTION LINE

QUARTER SECTION LINE

PLATTED LOT LINE

PROPERTY (DEED) LINE

APL APPARENT PROPERTY LINE

EXISTING CENTERLINE

PROPOSED CENTERLINE

EXISTING RIGHT OF WAY LINE

PROPOSED RIGHT OF WAY LINE

PROPOSED EASEMENT

EXISTING ACCESS CONTROL LINE

PROPOSED ACCESS CONTROL LINE

RECORD DATA

EXISTING BUILDING

CHAIN LINK FENCE

WOOD FENCE

FENCE LINE

IRON PIPE OR ROD FOUND

CUT CROSS FOUND OR SET

TI THESE STAKES REFERENCE FOUND OR SET MONUMENTATION.

T2 SET 3/8 INCH REBAR FLUSH WITH GROUND TO THE FOUND IRON STAKE. IDENTIFIED BY COLORED PLASTIC CAP AND BEARING SURVEYORS PROFESSIONAL NUMBER.

BT1 THESE STAKES, IN CULTIVATED AREAS, REFERENCE FOUND OR SET MONUMENTATION.

BT2 BURIED 5/8 INCH REBAR 20 INCHES BELOW GROUND TO THE FOUND IRON STAKE. IDENTIFIED BY COLORED PLASTIC CAP BEARING SURVEYORS PROFESSIONAL NUMBER.

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

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

PERMANENT SURVEY MARKER, IDOT STD. 2135 (TO BE SET BY OTHERS)

RIGHT OF WAY STAKING PROPOSED TO BE SET.

STATE OF ILLINOIS)

COUNTY OF DUPAGE)

THIS IS TO CERTIFY THAT WE, MIDWEST TECHNICAL CONSULTANTS, INC., AN ILLINOIS PROFESSIONAL DESIGN FIRM NUMBER 184-002917, HAVE SURVEYED THE PLAT OF HIGHWAYS SHOWN HEREON BETWEEN SECTION 3, TOWNSHIP 38 NORTH, RANGE 9 EAST, AND SECTION 22, TOWNSHIP 38 NORTH, RANGE 9 EAST OF THE THIRD PRINCIPAL MERIDIAN, DUPAGE COUNTY, THAT THE SURVEY IS TRUE AND COMPLETE AS SHOWN TO THE BEST OF MY KNOWLEDGE AND BELIEF, THAT THE PLAT CORRECTLY REPRESENTS SAID SURVEY, THAT ALL MONUMENTS FOUND AND ESTABLISHED ARE OF PERMANENT QUALITY AND OCCUPY THE POSITIONS SHOWN THEREON AND THAT THE MONUMENTS ARE SUFFICIENT TO ENABLE THE SURVEY TO BE RETRACED. THIS SURVEY CONFORMS TO THE CURRENT ILLINOIS MINIMUM STANDARDS FOR A BOUNDARY SURVEY. MADE FOR THE DEPARTMENT OF TRANSPORTATION, STATE OF ILLINOIS.

DATED AT NAPERVILLE, ILLINOIS THIS \_\_\_\_\_ DAY OF \_\_\_\_\_, 2011 A.D.

RUSSELL W. OLSEN  
ILLINOIS PROFESSIONAL LAND SURVEYOR NO. 035-002718  
LICENSE EXPIRES NOVEMBER 30, 2012  
THIS PROFESSIONAL SERVICE CONFORMS TO THE CURRENT ILLINOIS MINIMUM STANDARDS FOR A BOUNDARY SURVEY.

**Midwest Technical Consultants, Inc.**  
1805 N. MILL STREET, SUITE L  
Naperville, ILLINOIS 60563  
(630)505-0101

NOTES:

- ALL COORDINATES SHOWN HEREON ARE PROJECT. ALL DISTANCES SHOWN HEREON ARE GROUND.
- BEARINGS SHOWN HEREON ARE BASED ON ILLINOIS STATE PLANE COORDINATE SYSTEM EAST ZONE, NAD 83, (2007).
- THE COMBINATION FACTOR USED FOR THIS PROJECT = 0.99994777.
- COORDINATE CONVERSION

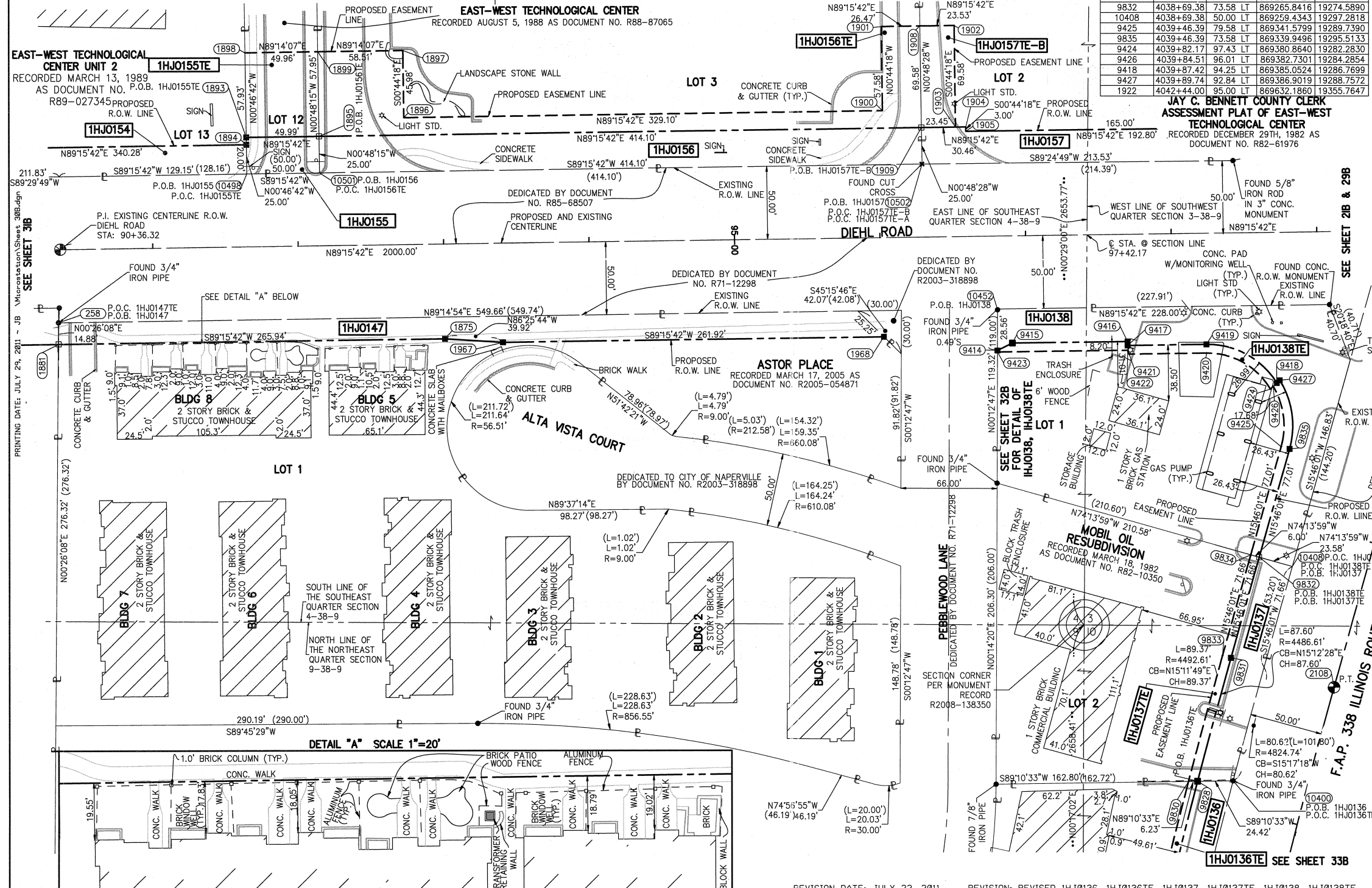
NAD83 (2007) STATE PLANE COORDINATES TO PROJECT COORDINATES:  
A) DIVIDE THE STATE PLANE NAD83 GRID COORDINATES BY THE COMBINATION FACTOR.  
B) SUBTRACT 1,000,000.00 FROM THESE NORTHINGS AND EASTINGS.

PROJECT COORDINATES TO NAD83 (2007) STATE PLANE COORDINATES:  
A) ADD 1,000,000.00 TO THE PROJECT NORTHINGS AND EASTINGS.  
B) MULTIPLY THESE COORDINATES BY THE COMBINATION FACTOR.

5) THE NGS MONUMENT HELD FOR THIS PROJECT IS IS FIRST ORDER P.I.D. AA3730.

SCALE: 1" = 40'

SHEET 30B OF 47



**F.A.P. 338 ILLINOIS ROUTE 59, SECTION FERRY RD. TO AURORA AVE., JOB. NO. R-91-035-09.**

REVISION DATE: JULY 22, 2011  
REVISION DATE: JUNE 29, 2011  
REVISION DATE: 9/22/10

REVISION: REVISED 1HJ0136, 1HJ0136TE, 1HJ0137, 1HJ0137TE, 1HJ0138, 1HJ0138TE  
REVISION: REVISED 1HJ0155, 1HJ0147, 1HJ0154; DELETE 1HJ0147TE  
REVISION: ADD 1HJ0147TE

MADE BY: JB

NAD83 (2007) S.P.	
N	1,869,327.5048
E	1,023,602.1293
PROJECT (GROUND)	
N	869,425.1449
E	23,655.5948

**PLAT OF HIGHWAYS**  
**STATE OF ILLINOIS**  
**DEPARTMENT OF TRANSPORTATION**  
**F.A.P. 338 ILLINOIS ROUTE 59**  
SECTION FERRY RD. TO AURORA AVE. DUPAGE COUNTY  
PROJECT: ROUTE 59 JOB NO. R-91-035-09  
STATION 90+30 TO STATION 99+50

SCALE: 1" = 40'

SHEET 30B OF 47

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

CONTRACT 60R31 SHEET 359 OF 734

**RECEIVED**

JUL 29 2011

**PLATS & LEGALS**

PART OF THE SE 1/4 SECTION 4 & NE 1/4 SECTION 9, T38N, R9E OF THE 3rd PM, NAPERVILLE TOWNSHIP, DUPAGE COUNTY, ILLINOIS.

PARCEL NUMBER	OWNER	TOTAL HOLDING ACRES	PART TAKEN ACRES	REMAINDER ACRES	PREV. DED. ACRES	EASEMENT ACRES	EASEMENT PURPOSE	PERMANENT TAX INDEX NUMBER	PROPERTY ACQUIRED BY
1HJ0148	AUTUMN RUN APARTMENTS, LLC, AN ILLINOIS LIMITED LIABILITY COMPANY	7.824	0.084	7.740				07-09-222-007	
1HJ0149	CHRISTOPHER R. BROWN	0.428	0.063	0.365				07-04-402-003	
1HJ0154	ICUL SERVICE CORPORATION	3.895	0.154	3.741				07-04-401-043	

COORDINATE TABLE					
NO.	STATION	OFFSET	NORTH	EAST	
5195	87+23.83	70.00 RT	869403.6551	18139.2049	
1883	87+23.85	65.00 RT	869408.6548	18139.1582	
5196	87+38.89	55.00 RT	869418.8477	18154.0637	
255	88+24.50	50.87 LT	869525.6124	18238.3049	
1969	88+25.18	70.00 LT	869544.9495	18238.7405	
1882	88+88.76	65.00 RT	869410.7801	18304.0577	
5194	88+88.80	55.00 RT	869420.7796	18303.9591	
256	88+88.84	39.40 RT	869436.3764	18303.8054	
5198	90+33.96	70.00 RT	869407.6516	18449.3029	
1881	90+34.06	65.00 RT	869412.6525	18449.3391	

**LEGEND**

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

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

APL APPARENT PROPERTY LINE  
 CENTERLINE  
 EXISTING RIGHT OF WAY LINE  
 PROPOSED RIGHT OF WAY LINE  
 PROPOSED EASEMENT  
 -AC- EXISTING ACCESS CONTROL LINE  
 -AC- PROPOSED ACCESS CONTROL LINE  
 ( ) RECORD DATA

EXISTING BUILDING  
 CHAIN LINK FENCE  
 WOOD FENCE  
 FENCE LINE

IRON PIPE OR ROD FOUND      SET 5/8" x 30" REBAR  
 CUT CROSS FOUND OR SET      PK FOUND PK NAIL      OPK SET PK NAIL

T1 THESE STAKES REFERENCE FOUND OR SET MONUMENTATION.  
 T2 SET 5/8 INCH REBAR FLUSH WITH GROUND TO TIE FOUND IRON STAKE, IDENTIFIED BY COLORED PLASTIC CAP AND BEARING SURVEYORS PROFESSIONAL NUMBER.  
 T3 BY COLORED PLASTIC CAP AND BEARING SURVEYORS PROFESSIONAL NUMBER.

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

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

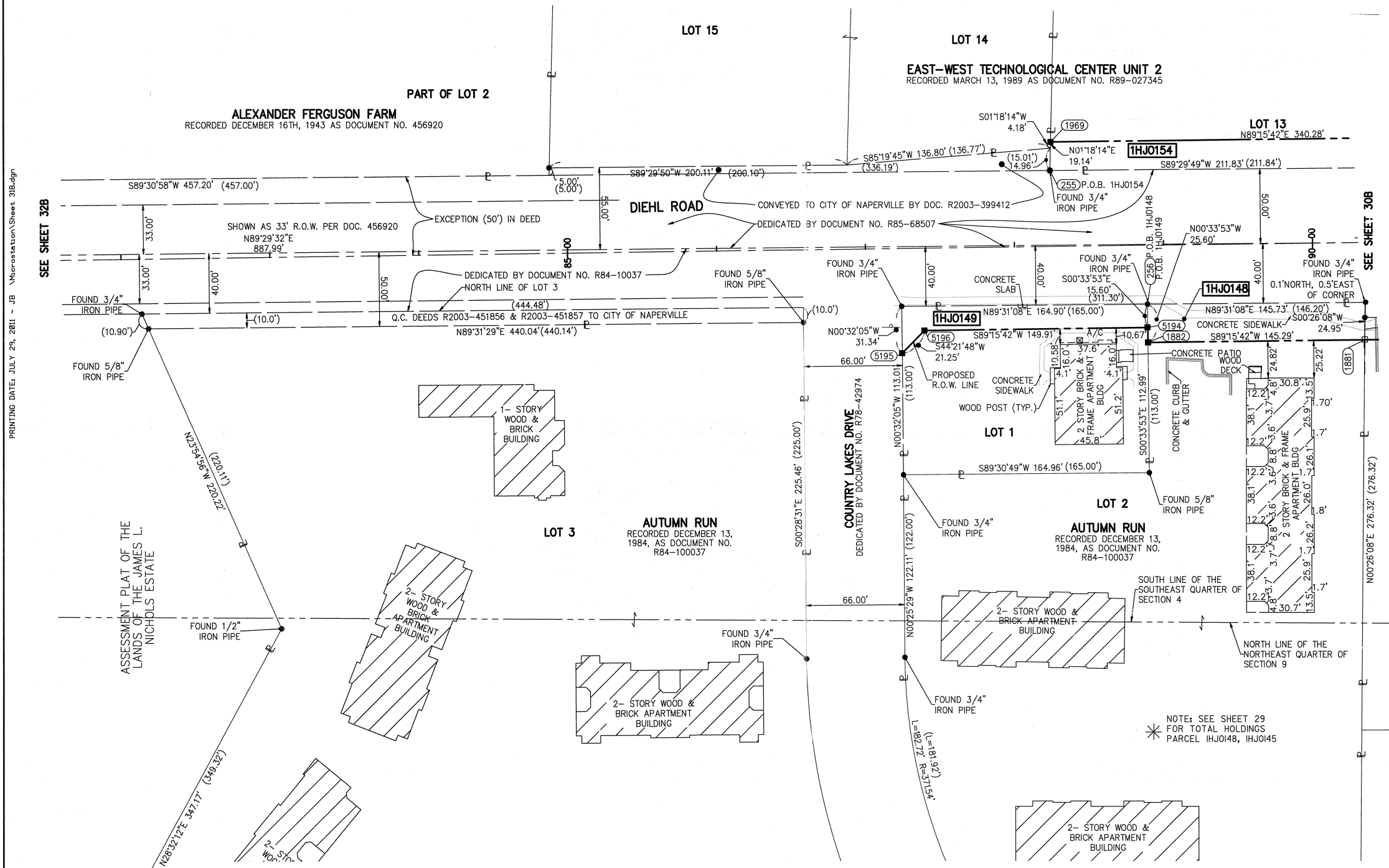
M STAKING OF PROPOSED RIGHT OF WAY IN CULTIVATED AREAS.  
 BURIED 5/8 INCH REBAR 20 INCHES BELOW GROUND TO MARK FUTURE SURVEY MARKER POSITION, IDENTIFIED BY COLORED PLASTIC CAP BEARING SURVEYORS PROFESSIONAL NUMBER.

PERMANENT SURVEY MARKER, IDOT STD. 2135 (TO BE SET BY OTHERS)  
 RIGHT OF WAY STAKING PROPOSED TO BE SET.

STATE OF ILLINOIS ) SS  
 COUNTY OF DUPAGE)

BEARINGS ARE BASED ON ILLINOIS STATE PLANE COORDINATE SYSTEM EAST ZONE, N.A.D. 83 (2007)

SCALE: 1" = 40'



THIS IS TO CERTIFY THAT WE, MIDWEST TECHNICAL CONSULTANTS, INC., AN ILLINOIS PROFESSIONAL DESIGN FIRM NUMBER 184-002917, HAVE SURVEYED THE PLAT OF HIGHWAYS SHOWN HEREON BETWEEN SECTION 4, TOWNSHIP 38 NORTH, RANGE 9 EAST, AND SECTION 9, TOWNSHIP 38 NORTH, RANGE 9 EAST OF THE THIRD PRINCIPAL MERIDIAN, DUPAGE COUNTY, THAT THE SURVEY IS TRUE AND COMPLETE AS SHOWN TO THE BEST OF MY KNOWLEDGE AND BELIEF, THAT THE PLAT CORRECTLY REPRESENTS SAID SURVEY, THAT ALL MONUMENTS FOUND AND ESTABLISHED ARE OF PERMANENT QUALITY AND OCCUPY THE POSITIONS SHOWN THEREON AND THAT THE MONUMENTS ARE SUFFICIENT TO ENABLE THE SURVEY TO BE RETRACED. THIS SURVEY CONFORMS TO THE CURRENT ILLINOIS MINIMUM STANDARDS FOR A BOUNDARY SURVEY. MADE FOR THE DEPARTMENT OF TRANSPORTATION, STATE OF ILLINOIS.

DATED AT NAPERVILLE, ILLINOIS THIS \_\_\_\_\_ DAY OF \_\_\_\_\_, 2011 A.D.

RUSSELL W. OLSEN  
 ILLINOIS PROFESSIONAL LAND SURVEYOR NO. 035-002718  
 LICENSE EXPIRES NOVEMBER 30, 2010  
 THIS PROFESSIONAL SERVICE CONFORMS TO THE CURRENT ILLINOIS MINIMUM STANDARDS FOR A BOUNDARY SURVEY.

**Midwest Technical Consultants, Inc.**  
 1805 N. MILL STREET, SUITE L  
 Naperville, ILLINOIS 60563  
 (630)505-0101

- NOTES:
- ALL COORDINATES SHOWN HEREON ARE PROJECT. ALL DISTANCES SHOWN HEREON ARE GROUND.
  - BEARINGS SHOWN HEREON ARE BASED ON ILLINOIS STATE PLANE COORDINATE SYSTEM EAST ZONE, NAD 83, (2007).
  - THE COMBINATION FACTOR USED FOR THIS PROJECT = 0.99994777.
  - COORDINATE CONVERSION

NAD83 (2007) STATE PLANE COORDINATES TO PROJECT COORDINATES:  
 A) DIVIDE THE STATE PLANE NAD83 GRID COORDINATES BY THE COMBINATION FACTOR.  
 B) SUBTRACT 1,000,000.00 FROM THESE NORTHINGS AND EASTINGS.

PROJECT COORDINATES TO NAD83 (2007) STATE PLANE COORDINATES:  
 A) ADD 1,000,000.00 TO THE PROJECT NORTHINGS AND EASTINGS.  
 B) MULTIPLY THESE COORDINATES BY THE COMBINATION FACTOR.

5) THE NGS MONUMENT HELD FOR THIS PROJECT IS IS FIRST ORDER P.I.D. AA3730.

NAD83 (2007) S.P.	
N	1,869,327.5048
E	1,023,602.1293
PROJECT (GROUND)	
N	869,425.1449
E	23,655.5948

**PLAT OF HIGHWAYS**  
**STATE OF ILLINOIS**  
**DEPARTMENT OF TRANSPORTATION**  
**F.A.P. 338 ILLINOIS ROUTE 59**  
 SECTION FERRY RD. TO AURORA AVE.      DUPAGE COUNTY  
 PROJECT: ROUTE 59      JOB NO. R-91-035-09  
 STATION 81+50      TO STATION 90+30

SCALE: 1" = 40'      SHEET 31B OF 47

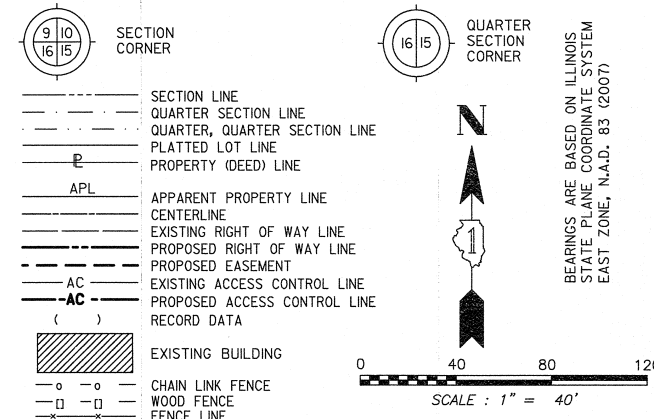
**BUREAU OF LAND ACQUISITION**  
 201 WEST CENTER COURT  
 SCHAUMBURG, ILLINOIS 60196-1096



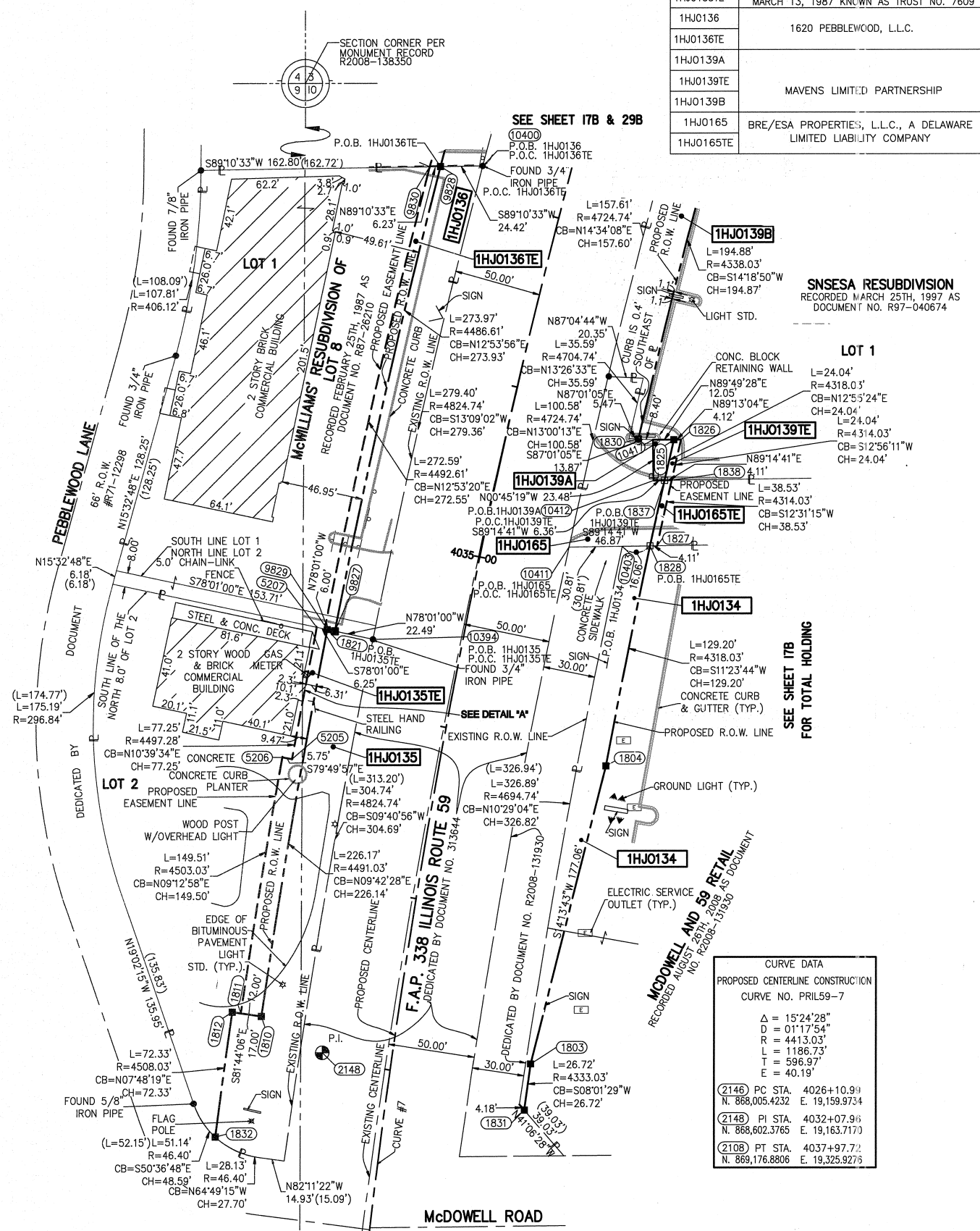


PART OF THE NE 1/4 SECTION 9 & NW 1/4 SECTION 10, T38N, R9E OF THE 3rd PM, NAPERVILLE TOWNSHIP, DUPAGE COUNTY, ILLINOIS.

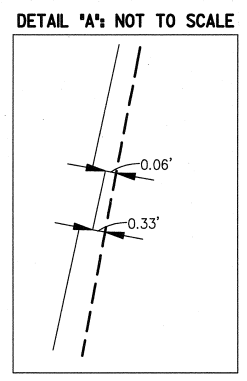
LEGEND



PARCEL NUMBER	OWNER	TOTAL HOLDING ACRES	PART TAKEN ACRES	REMAINDER ACRES	PREV. DED. ACRES	EASEMENT ACRES	EASEMENT PURPOSE	PERMANENT TAX INDEX NUMBER	PROPERTY ACQUIRED BY
1HJ0134	PEBBLEWOOD ASSOCIATES, LLC, AN ILLINOIS LIMITED LIABILITY COMPANY	3.261	0.090	3.171				07-10-105-011 07-10-105-012	
1HJ0135	LASALLE BANK NATIONAL ASSOCIATION (OR ITS SUCCESSOR) AS SUCCESSOR TO GARY-WHEATON BANK AS TRUSTEE UNDER TRUST AGREEMENT DATED MARCH 13, 1987 KNOWN AS TRUST NO. 7609	0.814	0.210	0.604				07-09-202-003	
1HJ0135TE						0.052	CONSTRUCTION		
1HJ0136			0.147						
1HJ0136TE	1620 PEBBLEWOOD, L.L.C.	0.898		0.751		0.038	CONSTRUCTION	07-09-202-002	
1HJ0139A			A=0.005 (215 SQ.FT)						
1HJ0139TE						0.002 (96 SQ.FT)	DRIVEWAY RECONSTRUCTION		
1HJ0139B	MAVENS LIMITED PARTNERSHIP	1.061		0.960				07-10-105-009	
1HJ0165	BRE/ESA PROPERTIES, L.L.C., A DELAWARE LIMITED LIABILITY COMPANY	3.349	0.078	3.271		0.004 (154 SQ.FT)	DRIVEWAY RECONSTRUCTION	07-10-105-010	
1HJ0165TE									



NO.	STATION	OFFSET	NORTH	EAST
1832	4031+49.11	95.00 LT	868554.1316	19101.8858
1812	4032+19.91	95.00 LT	868625.7900	19111.7086
1811	4032+19.91	90.00 LT	868625.0712	19116.6567
1810	4032+19.91	78.00 LT	868623.3462	19128.5321
5206	4033+66.43	90.00 LT	868772.6426	19140.6009
5205	4033+66.43	84.25 LT	868771.6276	19146.2606
1804	4033+95.00	95.00 RT	868767.4854	19327.7195
10394	4034+41.76	51.09 LT	868840.6623	19192.9932
9827	4034+42.09	73.58 LT	868845.3327	19170.9890
9829	4034+42.17	79.58 LT	868846.5786	19165.1191
1821	4034+42.15	78.00 LT	868846.2505	19166.6649
5207	4034+42.24	84.25 LT	868847.5483	19160.5504
10411	4035+16.38	49.32 RT	868893.5188	19306.3820
10403	4035+23.69	79.36 RT	868893.9250	19337.1924
1828	4035+27.05	95.00 RT	868894.1367	19353.2466
1827	4035+27.99	99.00 RT	868894.1908	19357.3516
10412	4035+64.90	88.81 RT	868931.6661	19355.2290
1837	4035+66.42	95.00 RT	868931.7500	19361.5909
1838	4035+67.41	99.00 RT	868931.8042	19365.7047
1830	4035+86.68	75.00 RT	868955.5811	19346.5296
10417	4035+88.17	83.27 RT	868955.1441	19354.9194
1829	4035+88.49	85.00 RT	868955.0528	19356.6719
1825	4035+90.99	95.00 RT	868955.1810	19366.9674
1826	4035+92.00	99.00 RT	868955.2372	19371.0872
1831	4031+87.79	80.00 RT	868569.4061	19280.4709
1803	4032+15.00	80.00 RT	868595.8619	19284.2007
1824	4037+07.11	90.00 LT	869112.1011	19215.1049
9830	4037+09.93	79.58 LT	869112.2566	19225.9136
1823	4037+10.90	76.00 LT	869112.3100	19229.6269
9828	4037+11.56	73.58 LT	869112.3461	19256.5507
10400	4037+18.00	50.05 LT	869112.6973	19256.5507



CURVE DATA	
PROPOSED CENTERLINE CONSTRUCTION	
CURVE NO. PRIL59-7	
Δ	15°24'28"
D	011°17'54"
F	4413.03'
T	1186.73'
E	596.97'
E	40.19'
(2146) PC STA.	4026+10.91
	N. 868,005.4232 E. 19,159.9734
(2148) PI STA.	4032+07.96
	N. 868,602.3765 E. 19,163.7170
(2108) PT STA.	4037+97.72
	N. 869,176.8806 E. 19,325.9279

NAD83 (2007) S.P.	N. 1,869,327.5048
	E. 1,023,602.1293
PROJECT (GROUND)	N. 869,425.1449
	E. 23,655.5948

- NOTES:
- ALL COORDINATES SHOWN HEREON ARE PROJECT. ALL DISTANCES SHOWN HEREON ARE GROUND.
  - BEARINGS SHOWN HEREON ARE BASED ON ILLINOIS STATE PLANE COORDINATE SYSTEM EAST ZONE, NAD 83, (2007).
  - THE COMBINATION FACTOR USED FOR THIS PROJECT = 0.99994777.
  - COORDINATE CONVERSION
- NAD83 (2007) STATE PLANE COORDINATES TO PROJECT COORDINATES:  
 A) DIVIDE THE STATE PLANE NAD83 GRID COORDINATES BY THE COMBINATION FACTOR.  
 B) SUBTRACT 1,000,000.00 FROM THESE NORTHINGS AND EASTINGS.
- PROJECT COORDINATES TO NAD83 (2007) STATE PLANE COORDINATES:  
 A) ADD 1,000,000.00 TO THE PROJECT NORTHINGS AND EASTINGS.  
 B) MULTIPLY THESE COORDINATES BY THE COMBINATION FACTOR.
- 5) THE NGS MONUMENT HELD FOR THIS PROJECT IS IS FIRST ORDER P.I.D. AA3730.

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

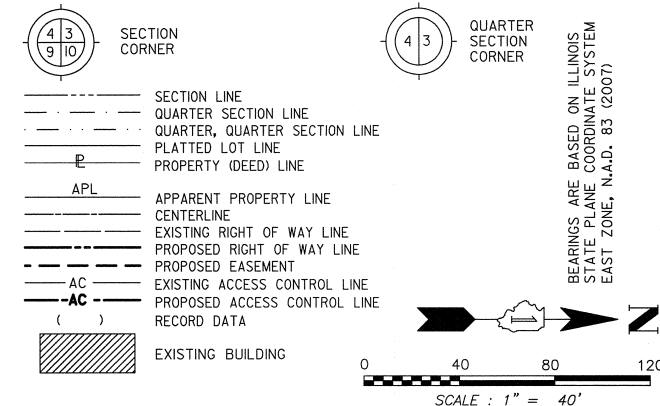
SECTION FERRY RD. TO AURORA AVE. DUPAGE COUNTY  
 PROJECT: ROUTE 59 JOB NO. R-91-035-09  
 STATION 4031+50 TO STATION 4037+00

SCALE: 1" = 40' SHEET 33B OF 47

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

PART OF THE NORTHEAST 1/4 SECTION 9, T38N, R9E OF THE 3rd PM, NAPERVILLE TOWNSHIP, DUPAGE COUNTY, ILLINOIS.

LEGEND



COORDINATE TABLE					
NO.	STATION	OFFSET	NORTH	EAST	
1798	4022+92.88	65.00 LT	867687.7257	19092.9798	
212	4022+92.94	62.08 LT	867687.7637	19095.8954	
1790	4026+10.99	65.00 LT	868005.8308	19094.9747	
1806	4029+20.00	70.00 LT	868319.4377	19102.9271	
1805	4029+20.00	65.00 LT	868319.0566	19107.9126	
10348	4030+75.77	69.59 LT	868476.9326	19118.1744	
1807	4030+75.79	70.00 LT	868476.9880	19117.7715	

PARCEL NUMBER	OWNER	TOTAL HOLDING ACRES	PART TAKEN ACRES	REMAINDER ACRES	PREV. DED. ACRES	EASEMENT ACRES	EASEMENT PURPOSE	PERMANENT TAX INDEX NUMBER	PROPERTY ACQUIRED BY
1HJ0131	PEBBLEWOOD HOME OWNERS ASSOCIATION	7.744	0.112	7.632				07-09-201-084	

CURVE DATA	
EXISTING CENTERLINE R.O.W. CURVE NO. 1	
$\Delta$	= 15°24'28"
D	= 01°12'00"
R	= 4774.74'
L	= 1284.00'
T	= 645.90'
E	= 43.49'
(2103)	PC STA. N. 867,909.4049 E. 19,146.3710
(1523)	PI STA. N. 868,555.2874 E. 19,150.4215
(2108)	PT STA. N. 869,176.8806 E. 19,325.9276

CURVE DATA	
PROPOSED CENTERLINE CONSTRUCTION CURVE NO. PRIL59-7	
$\Delta$	= 15°24'28"
D	= 01°17'54"
R	= 4413.03'
L	= 1186.73'
T	= 596.97'
E	= 40.19'
(2146)	PC STA. 4026+10.99 N. 868,005.4232 E. 19,159.9734
(2148)	PI STA. 4032+07.96 N. 868,602.3765 E. 19,163.7170
(2108)	PT STA. 4037+97.72 N. 869,176.8806 E. 19,325.9276

- IRON PIPE OR ROD FOUND ○ SET 5/8" x 30" REBAR
- + CUT CROSS FOUND OR SET ● PK FOUND PK NAIL ○ PK SET PK NAIL
- T1 THESE STAKES REFERENCE FOUND OR SET MONUMENTATION.
- T2 SET 5/8 INCH REBAR FLUSH WITH GROUND TO TIE FOUND IRON STAKE. IDENTIFIED BY COLORED PLASTIC CAP AND BEARING SURVEYORS PROFESSIONAL NUMBER.
- T3 BY COLORED PLASTIC CAP AND BEARING SURVEYORS PROFESSIONAL NUMBER.
- BT1 THESE STAKES, IN CULTIVATED AREAS, REFERENCE FOUND OR SET MONUMENTATION.
- BT2 BURIED 5/8 INCH REBAR 20 INCHES BELOW GROUND TO TIE FOUND IRON STAKE.
- BT3 IDENTIFIED BY COLORED PLASTIC CAP BEARING SURVEYORS PROFESSIONAL NUMBER.
- STAKING OF PROPOSED RIGHT OF WAY. SET DIVISION OF HIGHWAYS SURVEY MARKER TO MONUMENT THE POSITION SHOWN. IDENTIFIED BY INSCRIPTION DATA AND SURVEYORS PROFESSIONAL NUMBER.
- M STAKING OF PROPOSED RIGHT OF WAY IN CULTIVATED AREAS. BURIED 5/8 INCH REBAR 20 INCHES BELOW GROUND TO MARK FUTURE SURVEY MARKER POSITION. IDENTIFIED BY COLORED PLASTIC CAP BEARING SURVEYORS PROFESSIONAL NUMBER.
- PERMANENT SURVEY MARKER. 1/8" DIA. 2135 (TO BE SET BY OTHERS)
- RIGHT OF WAY STAKING PROPOSED TO BE SET.

STATE OF ILLINOIS) SS  
 COUNTY OF DUPAGE)

THIS IS TO CERTIFY THAT WE, MIDWEST TECHNICAL CONSULTANTS, INC., AN ILLINOIS PROFESSIONAL DESIGN FIRM LAND SURVEYING CORPORATION NUMBER 184-002917, HAVE SURVEYED THE PLAT OF HIGHWAYS SHOWN HEREON BETWEEN SECTION 9, TOWNSHIP 38 NORTH, RANGE 9 EAST, AND SECTION 10, TOWNSHIP 38 NORTH, RANGE 9 EAST OF THE THIRD PRINCIPAL MERIDIAN, DUPAGE COUNTY, THAT THE SURVEY IS TRUE AND COMPLETE AS SHOWN TO THE BEST OF MY KNOWLEDGE AND BELIEF, THAT THE PLAT CORRECTLY REPRESENTS SAID SURVEY, THAT ALL MONUMENTS FOUND AND ESTABLISHED ARE OF PERMANENT QUALITY AND OCCUPY THE POSITIONS SHOWN THEREON AND THAT THE MONUMENTS ARE SUFFICIENT TO ENABLE THE SURVEY TO BE RETRACED. THIS SURVEY CONFORMS TO THE CURRENT ILLINOIS MINIMUM STANDARDS FOR A BOUNDARY SURVEY. MADE FOR THE DEPARTMENT OF TRANSPORTATION, STATE OF ILLINOIS.

DATED AT NAPERVILLE, ILLINOIS THIS \_\_\_\_ DAY OF \_\_\_\_\_, 2010 A.D.

RUSSELL W. OLSEN  
 ILLINOIS PROFESSIONAL LAND SURVEYOR NO. 035-002718  
 LICENSE EXPIRES NOVEMBER 30, 2010  
 THIS PROFESSIONAL SERVICE CONFORMS TO THE CURRENT ILLINOIS MINIMUM STANDARDS FOR A BOUNDARY SURVEY. **Midwest Technical Consultants, Inc.**  
 1840 Centre Point Circle  
 Naperville, ILLINOIS 60563  
 (630)505-0101

- NOTES:
- 1) ALL COORDINATES SHOWN HEREON ARE PROJECT. ALL DISTANCES SHOWN HEREON ARE GROUND.
  - 2) BEARINGS SHOWN HEREON ARE BASED ON ILLINOIS STATE PLANE COORDINATE SYSTEM EAST ZONE, NAD 83, (2007).
  - 3) THE COMBINATION FACTOR USED FOR THIS PROJECT = 0.99994777.
  - 4) COORDINATE CONVERSION
- NAD83 (2007) STATE PLANE COORDINATES TO PROJECT COORDINATES:  
 A) DIVIDE THE STATE PLANE NAD83 GRID COORDINATES BY THE COMBINATION FACTOR.  
 B) SUBTRACT 1,000,000.00 FROM THESE NORTHINGS AND EASTINGS.
- PROJECT COORDINATES TO NAD83 (2007) STATE PLANE COORDINATES:  
 A) ADD 1,000,000.00 TO THE PROJECT NORTHINGS AND EASTINGS.  
 B) MULTIPLY THESE COORDINATES BY THE COMBINATION FACTOR.
- 5) THE NGS MONUMENT HELD FOR THIS PROJECT IS IS FIRST ORDER P.I.D. AA3730.

NAD83 (2007) S.P.	N. 1,869,327.5048
	E. 1,023,802.1293
PROJECT (GROUND)	N. 869,425.1449
	E. 23,655.5948

RECEIVED JUL 26 2010 PLAT & LEGALS

**PLAT OF HIGHWAYS**  
**STATE OF ILLINOIS**  
**DEPARTMENT OF TRANSPORTATION**  
**F.A.P. 338 ILLINOIS ROUTE 59**  
 SECTION FERRY RD. TO AURORA AVE. DUPAGE COUNTY  
 PROJECT: ROUTE 59 JOB NO. R-91-035-09  
 STATION 4023+50 TO STATION 4031+00  
 SCALE: 1" = 40' SHEET 34B OF 47

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

PRINTING DATE: JULY 26, 2010 - BF - Microstation (Sheet 34B.dgn)

PART OF THE NE 1/4 SECTION 9, T38N, R9E OF THE 3rd PM, NAPERVILLE TOWNSHIP, DUPAGE COUNTY, ILLINOIS.

COORDINATE TABLE					
NO.	STATION	OFFSET	NORTH	EAST	
1777	4014+50.27	72.00 LT	866845.1757	19080.6959	
1776	4015+46.51	72.00 LT	866941.4077	19081.2994	
10283	4015+46.60	68.09 LT	866941.4786	19085.2113	
10282	4015+46.72	63.09 LT	866941.5692	19090.2105	
1775	4016+21.48	72.00 LT	867016.3766	19081.7695	
10286	4016+21.71	63.07 LT	867016.5521	19090.6958	
1773	4016+96.43	72.00 LT	867091.3326	19082.2396	
1774	4016+96.49	70.00 LT	867091.3746	19084.2399	
10287	4016+96.68	63.06 LT	867091.5205	19091.1811	
1780	4017+71.48	70.00 LT	867166.3640	19084.7101	
10288	4017+71.65	63.04 LT	867166.4890	19091.6664	
1781	4018+46.45	70.00 LT	867241.3350	19085.1803	
10289	4018+46.62	63.03 LT	867241.4574	19092.1517	
1782	4019+21.42	70.00 LT	867316.3027	19085.6504	
10290	4019+21.59	63.01 LT	867316.4258	19092.6370	
1783	4019+96.40	70.00 LT	867391.2759	19086.1206	
10291	4019+96.56	63.00 LT	867391.3942	19093.1223	
1792	4020+30.00	70.00 LT	867424.8792	19086.3313	
1793	4020+30.00	72.00 LT	867424.8917	19084.3314	
1797	4020+30.00	62.99 LT	867424.8352	19093.3387	
1794	4020+70.00	72.00 LT	867464.8909	19084.5822	
1796	4020+70.00	62.98 LT	867464.8344	19093.5976	
1795	4020+70.00	70.00 LT	867464.8784	19086.5822	
1791	4020+96.36	70.00 LT	867491.2376	19086.7475	
10285	4020+96.53	62.98 LT	867491.3621	19093.7694	
1798	4022+92.88	65.00 LT	867687.7257	19092.9798	
212	4022+92.94	62.08 LT	867687.7637	19095.8954	

**LEGEND**

SECTION CORNER (4 3 9 10)      QUARTER SECTION CORNER (4 3)

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

APL APPARENT PROPERTY LINE  
 CENTERLINE  
 EXISTING RIGHT OF WAY LINE  
 PROPOSED RIGHT OF WAY LINE  
 PROPOSED EASEMENT  
 EXISTING ACCESS CONTROL LINE  
 PROPOSED ACCESS CONTROL LINE  
 RECORD DATA

EXISTING BUILDING  
 CHAIN LINK FENCE  
 WOOD FENCE  
 FENCE LINE

IRON PIPE OR ROD FOUND  
 CUT CROSS FOUND OR SET  
 SET 5/8" x 30" REBAR  
 PK FOUND PK NAIL  
 OPK SET PK NAIL

TI THESE STAKES REFERENCE FOUND OR SET MONUMENTATION.  
 T2 SET 5/8 INCH REBAR FLUSH WITH GROUND TO TIE FOUND IRON STAKE. IDENTIFIED BY COLORED PLASTIC CAP AND BEARING SURVEYORS PROFESSIONAL NUMBER.  
 BT1 THESE STAKES, IN CULTIVATED AREAS, REFERENCE FOUND OR SET MONUMENTATION.  
 BT2 BURIED 5/8 INCH REBAR 20 INCHES BELOW GROUND TO TIE FOUND IRON STAKE.  
 BT3 IDENTIFIED BY COLORED PLASTIC CAP BEARING SURVEYORS PROFESSIONAL NUMBER.

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

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

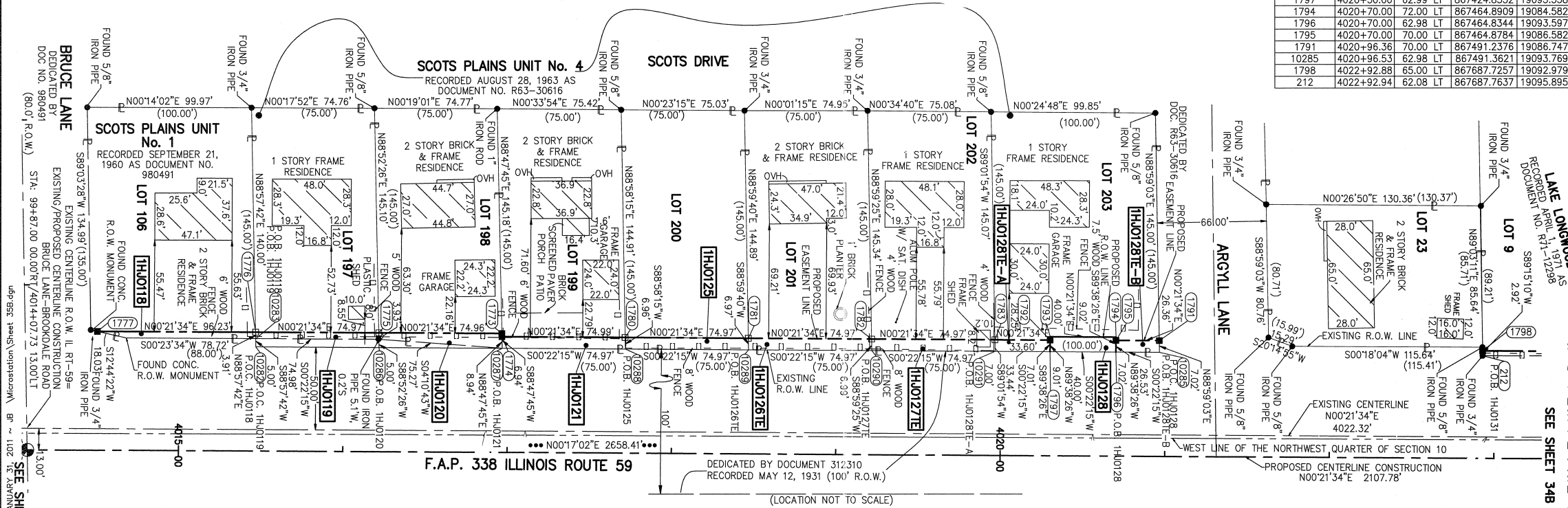
PERMANENT SURVEY MARKER. IDOT STD. 2135 (TO BE SET BY OTHERS)

RIGHT OF WAY STAKING PROPOSED TO BE SET.

STATE OF ILLINOIS) SS  
 COUNTY OF DUPAGE)

SCALE: 1" = 40'

BEARINGS ARE BASED ON ILLINOIS STATE PLANE COORDINATE SYSTEM EAST ZONE, N.A.D. 83 (2007)



THIS IS TO CERTIFY THAT WE, MIDWEST TECHNICAL CONSULTANTS, INC., AN ILLINOIS PROFESSIONAL DESIGN FIRM NUMBER 184-002917, HAVE SURVEYED THE PLAT OF HIGHWAYS SHOWN HEREON BETWEEN SECTION 9, TOWNSHIP 38 NORTH, RANGE 9 EAST, AND SECTION 10, TOWNSHIP 38 NORTH, RANGE 9 EAST OF THE THIRD PRINCIPAL MERIDIAN, DUPAGE COUNTY, THAT THE SURVEY IS TRUE AND COMPLETE AS SHOWN TO THE BEST OF MY KNOWLEDGE AND BELIEF, THAT THE PLAT CORRECTLY REPRESENTS SAID SURVEY, THAT ALL MONUMENTS FOUND AND ESTABLISHED ARE OF PERMANENT QUALITY AND OCCUPY THE POSITIONS SHOWN THEREON AND THAT THE MONUMENTS ARE SUFFICIENT TO ENABLE THE SURVEY TO BE RETRACED. THIS SURVEY CONFORMS TO THE CURRENT ILLINOIS MINIMUM STANDARDS FOR A BOUNDARY SURVEY. MADE FOR THE DEPARTMENT OF TRANSPORTATION, STATE OF ILLINOIS.

DATED AT NAPERVILLE, ILLINOIS THIS \_\_\_\_\_ DAY OF \_\_\_\_\_, 2010 A.D.

RUSSELL W. OLSEN  
 ILLINOIS PROFESSIONAL LAND SURVEYOR NO. 035-002718  
 LICENSE EXPIRES NOVEMBER 30, 2012  
 THIS PROFESSIONAL SERVICE CONFORMS TO THE CURRENT ILLINOIS MINIMUM STANDARDS FOR A BOUNDARY SURVEY.

**Midwest Technical Consultants, Inc.**  
 1805 N. MILL STREET, SUITE 1  
 Naperville, ILLINOIS 60563  
 (630)505-0101

- NOTES:
- ALL COORDINATES SHOWN HEREON ARE PROJECT. ALL DISTANCES SHOWN HEREON ARE GROUND.
  - BEARINGS SHOWN HEREON ARE BASED ON ILLINOIS STATE PLANE COORDINATE SYSTEM EAST ZONE, NAD 83, (2007).
  - THE COMBINATION FACTOR USED FOR THIS PROJECT = 0.99994777.
  - COORDINATE CONVERSION
- NAD83 (2007) STATE PLANE COORDINATES TO PROJECT COORDINATES:  
 A) DIVIDE THE STATE PLANE NAD83 GRID COORDINATES BY THE COMBINATION FACTOR.  
 B) SUBTRACT 1,000,000.00 FROM THESE NORTHINGS AND EASTINGS.
- PROJECT COORDINATES TO NAD83 (2007) STATE PLANE COORDINATES:  
 A) ADD 1,000,000.00 TO THE PROJECT NORTHINGS AND EASTINGS.  
 B) MULTIPLY THESE COORDINATES BY THE COMBINATION FACTOR.
- 5) THE NGS MONUMENT HELD FOR THIS PROJECT IS IS FIRST ORDER P.I.D. AA3730.

PLAT OF HIGHWAYS  
 STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION  
**F.A.P. 338 ILLINOIS ROUTE 59**  
 SECTION FERRY RD. TO AURORA AVE. DUPAGE COUNTY  
 PROJECT: ROUTE 59 JOB NO. R-91-035-09  
 STATION 4014+07.73 TO STATION 4023+00

SCALE: 1" = 40' SHEET 35B OF 47

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

RECEIVED FEB 01 2011 PLATS & LEGALS

NAD83 (2007) S.P.  
 N. 1,869,327.5048  
 E. 1,023,602.1293  
 PROJECT (GROUND)  
 N. 869,425.1449  
 E. 23,655.5948

PARCEL NUMBER	OWNER	TOTAL HOLDING	PART TAKEN	REMAINDER	PREV. DED.	EASEMENT	EASEMENT PURPOSE	PERMANENT TAX INDEX NUMBER	PROPERTY ACQUIRED BY			
		ACRES	ACRES	ACRES	ACRES	ACRES						
1HJ0118	CAROLYN R. EVANS AND NACY E. EVANS IN JOINT TENANCY	0.320	0.008 (340 SQ.FT)	0.312				07-09-211-012				
1HJ0119	STEPHEN J. GROJEAN AND TONI L. GROJEAN, HUSBAND AND WIFE, IN JOINT TENANCY	0.241	0.007 (293 SQ.FT)	0.234				07-09-211-011				
1HJ0120	MARTIN GONZALEZ, UNMARRIED	0.245	0.011	0.234				07-09-211-009				
1HJ0121	LUIS GUILLEZ, A MARRIED MAN	0.250	0.012	0.238				07-09-211-005				
1HJ0125	COUNTY OF DUPAGE	0.249	0.012	0.237				07-09-211-004				
1HJ0126TE	THOMAS A. HAMMERSCHMIDT AND LESLIE A. HAMMERSCHMIDT HIS WIFE, IN JOINT TENANCY	0.250				0.012	GRADING	07-09-211-003				
1HJ0127TE	JEFFERY A. COX AND DEBORAH J. COX, HIS WIFE, IN JOINT TENANCY	0.250				0.012	GRADING	07-09-211-002				
1HJ0128	ZORAN STEVANOVIC	0.333	0.008 (360 SQ.FT)	0.325				07-09-211-001				
1HJ0128TE-A											A=0.004 (186 SQ.FT)	GRADING
1HJ0128TE-B											B=0.005 (235 SQ.FT)	GRADING

PART OF THE EAST 1/2 SECTION 9, T38N, R9E OF THE 3rd PM, NAPERVILLE TOWNSHIP, DUPAGE COUNTY, ILLINOIS.

LEGEND

SECTION CORNER  
QUARTER SECTION CORNER

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

APL  
APPARENT PROPERTY LINE  
CENTERLINE  
EXISTING RIGHT OF WAY LINE  
PROPOSED RIGHT OF WAY LINE  
PROPOSED EASEMENT  
EXISTING ACCESS CONTROL LINE  
PROPOSED ACCESS CONTROL LINE  
RECORD DATA

EXISTING BUILDING  
CHAIN LINK FENCE  
WOOD FENCE  
FENCE LINE  
IRON PIPE OR ROD FOUND  
CUT CROSS FOUND OR SET

SET 5/8" x 30" REBAR  
PK FOUND PK NAIL  
OPK SET PK NAIL

THESE STAKES REFERENCE FOUND OR SET MONUMENTATION.  
T2 SET 5/8 INCH REBAR FLUSH WITH GROUND TO TIE FOUND IRON STAKE. IDENTIFIED BY COLORED PLASTIC CAP AND BEARING SURVEYORS PROFESSIONAL NUMBER.  
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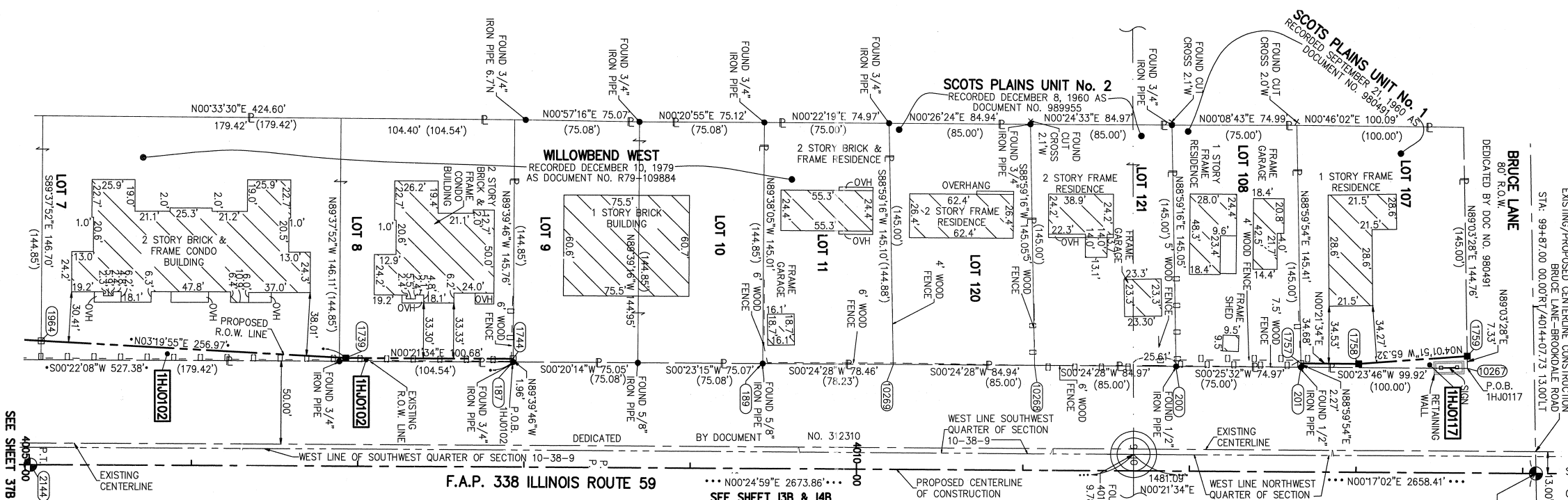
STAKING OF PROPOSED RIGHT OF WAY.  
SET DIVISION OF HIGHWAYS SURVEY MARKER TO MONUMENT THE POSITION SHOWN. IDENTIFIED BY INSCRIPTION DATA AND SURVEYORS PROFESSIONAL NUMBER.

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

PERMANENT SURVEY MARKER. IDOT STD. 2135 (TO BE SET BY OTHERS)

RIGHT OF WAY STAKING PROPOSED TO BE SET.

STATE OF ILLINOIS ) SS  
COUNTY OF DUPAGE)



PRINTING DATE: JUNE 29, 2011 - JB  
Microstation/Sheet: 368.dgn  
SEE SHEET 378

PARCEL NUMBER	OWNER	TOTAL HOLDING ACRES	PART TAKEN ACRES	REMAINDER ACRES	PREV. DED. ACRES	EASEMENT ACRES	EASEMENT PURPOSE	PERMANENT TAX INDEX NUMBER	PROPERTY ACQUIRED BY
1HJ0102	THE MANOR HOMES OF NAPERVILLE CONDOMINIUM	1.810	0.129	1.681				07-09-416-001 TO 07-09-416-020	
1HJ0117	ARTHUR E. BENNETT	0.333	0.009 (39.3 SQ. FT.)	0.324				08-09-213-001	

NO.	STATION	OFFSET	NORTH	EAST
1964	4005+09.22	74.51 LT	865904.1612	19072.2807
1739	4006+92.44	65.00 LT	866087.3141	19082.9433
187	4007+93.12	63.04 LT	866187.9778	19085.5348
1744	4007+93.12	65.00 LT	866187.9893	19083.5747
200	4011+91.60	62.82 LT	866586.4543	19088.2525
1757	4012+66.52	65.00 LT	866661.3803	19086.5434
201	4012+66.57	62.73 LT	866661.4199	19088.8091
1758	4013+01.20	65.00 LT	866696.0621	19086.7609
1759	4013+66.33	70.00 LT	866761.2204	19082.1694
10267	4013+66.50	62.67 LT	866761.3410	19089.5002

THIS IS TO CERTIFY THAT WE, MIDWEST TECHNICAL CONSULTANTS, INC., AN ILLINOIS PROFESSIONAL DESIGN FIRM NUMBER 184-002917, HAVE SURVEYED THE PLAT OF HIGHWAYS SHOWN HEREON BETWEEN SECTION 9, TOWNSHIP 38 NORTH, RANGE 9 EAST, AND SECTION 10, TOWNSHIP 38 NORTH, RANGE 9 EAST OF THE THIRD PRINCIPAL MERIDIAN, DUPAGE COUNTY, THAT THE SURVEY IS TRUE AND COMPLETE AS SHOWN TO THE BEST OF MY KNOWLEDGE AND BELIEF, THAT THE PLAT CORRECTLY REPRESENTS SAID SURVEY, THAT ALL MONUMENTS FOUND AND ESTABLISHED ARE OF PERMANENT QUALITY AND OCCUPY THE POSITIONS SHOWN THEREON AND THAT THE MONUMENTS ARE SUFFICIENT TO ENABLE THE SURVEY TO BE RETRACED. THIS SURVEY CONFORMS TO THE CURRENT ILLINOIS MINIMUM STANDARDS FOR A BOUNDARY SURVEY. MADE FOR THE DEPARTMENT OF TRANSPORTATION, STATE OF ILLINOIS.

DATED AT NAPERVILLE, ILLINOIS THIS \_\_\_\_\_ DAY OF \_\_\_\_\_, 2011 A.D.

RUSSELL W. OLSEN  
ILLINOIS PROFESSIONAL LAND SURVEYOR NO. 035-002718  
LICENSE EXPIRES NOVEMBER 30, 2012  
THIS PROFESSIONAL SERVICE CONFORMS TO THE CURRENT ILLINOIS MINIMUM STANDARDS FOR A BOUNDARY SURVEY.

Midwest Technical Consultants, Inc.  
1805 N. MILL STREET, SUITE L  
Naperville, ILLINOIS 60563  
(630)505-0101

NOTES:

- ALL COORDINATES SHOWN HEREON ARE PROJECT. ALL DISTANCES SHOWN HEREON ARE GROUND.
- BEARINGS SHOWN HEREON ARE BASED ON ILLINOIS STATE PLANE COORDINATE SYSTEM EAST ZONE, NAD 83, (2007).
- THE COMBINATION FACTOR USED FOR THIS PROJECT = 0.99994777.
- COORDINATE CONVERSION

NAD83 (2007) STATE PLANE COORDINATES TO PROJECT COORDINATES:  
A) DIVIDE THE STATE PLANE NAD83 GRID COORDINATES BY THE COMBINATION FACTOR.  
B) SUBTRACT 1,000,000.00 FROM THESE NORTHINGS AND EASTINGS.

PROJECT COORDINATES TO NAD83 (2007) STATE PLANE COORDINATES:  
A) ADD 1,000,000.00 TO THE PROJECT NORTHINGS AND EASTINGS.  
B) MULTIPLY THESE COORDINATES BY THE COMBINATION FACTOR.

5) THE NGS MONUMENT HELD FOR THIS PROJECT IS IS FIRST ORDER P.I.D. AA3730.

RECEIVED  
JUL 18 2011  
PLATS & LEGALS

NAD83 (2007) S.P.
N. 1,869,327.5048
E. 1,023,602.1293
PROJECT (GROUND)
N. 869,425.1449
E. 23,655.5948

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION  
F.A.P. 338 ILLINOIS ROUTE 59  
SECTION FERRY RD. TO AURORA AVE. DUPAGE COUNTY  
PROJECT: ROUTE 59 JOB NO. R-91-035-09  
STATION 4014+07.73 TO STATION 4005+00  
SCALE: 1" = 40' SHEET 36 OF 47

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



**PART OF THE SE 1/4 SECTION 9, T38N, R9E OF THE 3rd PM, NAPERVILLE TOWNSHIP, DUPAGE COUNTY, ILLINOIS.**

PARCEL NUMBER	OWNER	TOTAL HOLDING ACRES	PART TAKEN ACRES	REMAINDER ACRES	PREV. DED. ACRES	EASEMENT ACRES	EASEMENT PURPOSE	PERMANENT TAX INDEX NUMBER	PROPERTY ACQUIRED BY
1HJ0097	KINGSPONTE OF NAPERVILLE CONDO ASSOC.	0.661	0.067	0.594				07-10-311-069 TO 07-10-311-076	
1HJ0099	HOME PROPERTIES COURTYARD VILLAGE, LLC, A NEW YORK, L.P.	13.010	0.310	12.700		0.015	CONSTRUCTION	07-09-408-016	
1HJ0100	THE MANOR HOMES OF NAPERVILLE CONDOMINIUM 3RD AMENDMENT	1.107	0.021	1.086		0.010	CONSTRUCTION	07-09-414-001 TO 07-09-414-036	
1HJ0101	THE MANOR HOMES OF NAPERVILLE CONDOMINIUM 7TH AMENDMENT	0.590	0.081	0.509		0.016	CONSTRUCTION	07-09-416-053 TO 07-09-416-056	
1HJ0102	THE MANOR HOMES OF NAPERVILLE CONDOMINIUM	1.810	0.129	1.681				07-09-416-001 TO 07-10-315-001	
1HJ0103	MAIN STREET DESIGN POINTE, L.L.C. AN ILLINOIS LIMITED LIABILITY COMPANY	5.103	0.015	5.088				07-10-315-002	
1HJ0105	MAIN STREET DESIGN POINTE, L.L.C.	10.827	0.246	10.581		0.001 (421 SQ FT)	DRIVEWAY RECONSTRUCTION	07-10-314-001 TO 07-10-314-005	

COORDINATE TABLE				
NO.	STATION	OFFSET	NORTH	EAST
1704	3994+30.08	70.00 LT	864825.2585	19057.0284
1705	3996+49.70	75.00 RT	865043.9662	19203.4028
1713	3997+45.64	80.00 RT	865139.8685	19209.0043
1710	3998+38.65	70.00 LT	865233.8201	19059.5905
1733	3998+38.74	66.00 LT	865233.8849	19063.5910
1731	3998+38.85	61.00 LT	865233.9658	19068.5916
179	3998+39.10	49.90 LT	865234.1456	19079.6980
10191	3998+51.13	50.37 RT	865245.5484	19180.0343
1712	3998+52.05	80.00 RT	865246.2808	19209.6716
1732	3998+65.83	66.00 LT	865260.9766	19063.7609
1730	3998+65.83	61.00 LT	865260.9452	19068.7608
180	3999+16.15	50.16 LT	865311.5562	19080.0961
1729	3999+26.58	61.00 LT	865322.2161	19069.4097
1734	3999+31.37	66.00 LT	865327.1295	19064.4840
1736	3999+38.02	80.00 RT	865331.4202	19210.5718
1737	3999+99.56	80.00 RT	865392.2490	19211.8438
1726	4000+69.39	75.00 LT	865466.7105	19059.0278
1735	4000+69.40	66.00 LT	865466.4066	19068.0227
1727	4000+69.41	61.00 LT	865475.9152	19214.4637
1725	4000+84.23	75.00 LT	865481.6989	19059.5717
1718	4000+84.23	80.00 RT	865475.9152	19214.4637
1728	4001+76.65	75.00 LT	865574.0516	19063.0201
190	4001+84.25	73.90 RT	865576.0928	19212.0999
1719	4001+84.63	80.00 RT	865576.2480	19218.2101
1738	4002+43.20	78.11 LT	865640.6694	19062.3954
1724	4004+35.06	78.00 LT	865830.7777	19068.0085
10234	4002+64.25	71.39 RT	865656.1307	19212.5750
1720	4002+64.48	75.00 RT	865656.2226	19216.1929
1721	4002+84.27	75.00 RT	865676.0025	19216.9315
1722	4004+68.55	75.00 RT	865862.1806	19221.4481
1723	4004+68.57	80.00 RT	865862.1494	19226.4480
1740	4005+03.21	80.00 RT	865897.1831	19226.7538
1964	4005+09.22	74.51 LT	865904.1612	19072.2807

**LEGEND**

SECTION CORNER (4/3/9) QUARTER SECTION CORNER (4/3)

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

APL APPARENT PROPERTY LINE  
 CENTERLINE  
 EXISTING RIGHT OF WAY LINE  
 PROPOSED RIGHT OF WAY LINE  
 PROPOSED EASEMENT  
 AC EXISTING ACCESS CONTROL LINE  
 PROPOSED ACCESS CONTROL LINE  
 ( ) RECORD DATA

EXISTING BUILDING  
 CHAIN LINK FENCE  
 WOOD FENCE  
 FENCE LINE

IRON PIPE OR ROD FOUND  
 CUT CROSS FOUND OR SET

SET 5/8" x 30" REBAR  
 FOUND PK NAIL  
 SET PK NAIL

TI THESE STAKES REFERENCE FOUND OR SET MONUMENTATION.  
 T2 SET 5/8 INCH REBAR FLUSH WITH GROUND TO TIE FOUND IRON STAKE, IDENTIFIED BY COLORED PLASTIC CAP AND BEARING SURVEYORS PROFESSIONAL NUMBER.  
 T3 BY COLORED PLASTIC CAP AND BEARING SURVEYORS PROFESSIONAL NUMBER.

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

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

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

PERMANENT SURVEY MARKER, IDOT STD. 2135 (TO BE SET BY OTHERS)

RIGHT OF WAY STAKING PROPOSED TO BE SET.

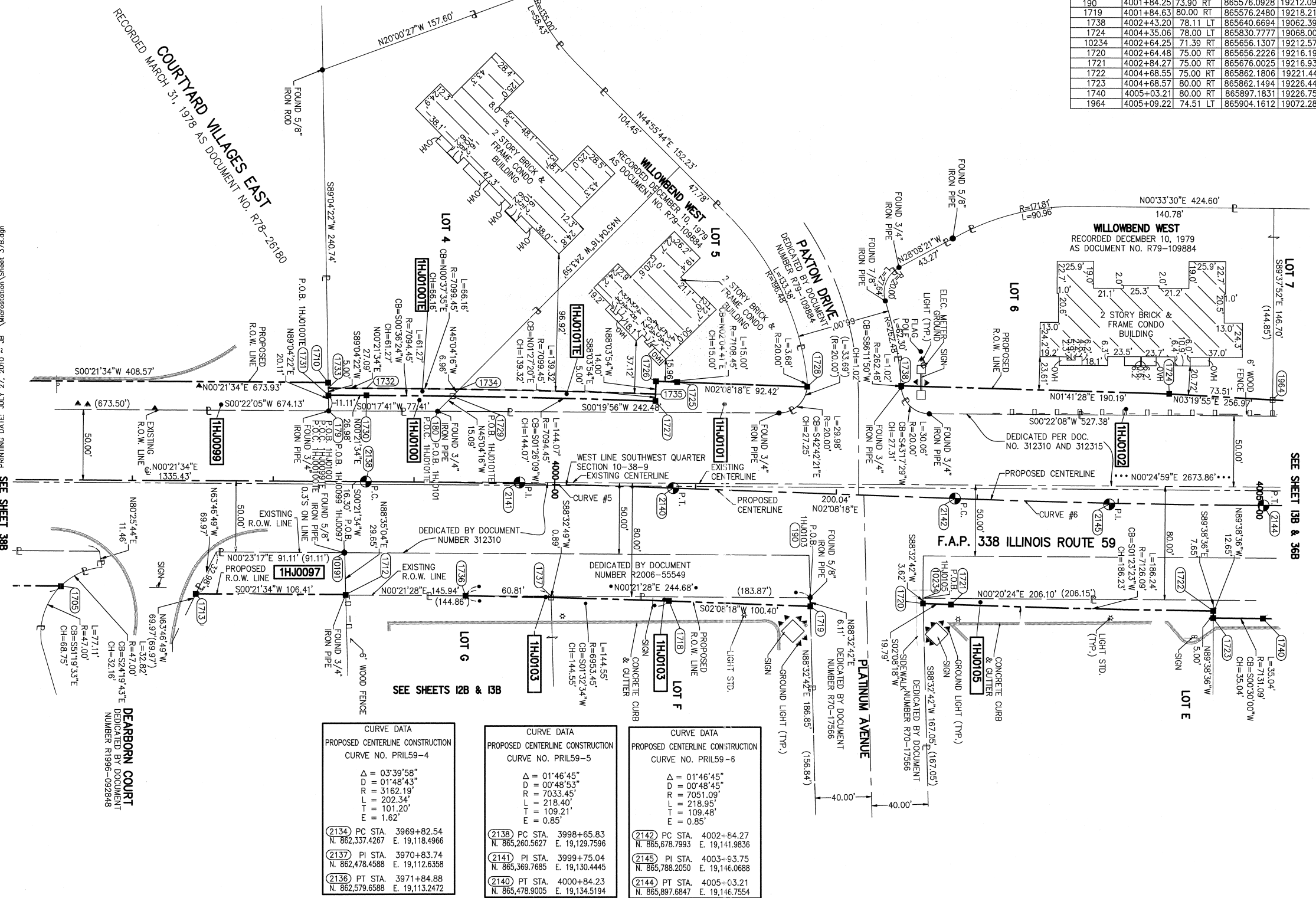
STATE OF ILLINOIS )  
 COUNTY OF DUPAGE ) SS

THIS IS TO CERTIFY THAT WE, MIDWEST TECHNICAL CONSULTANTS, INC., AN ILLINOIS PROFESSIONAL DESIGN FIRM LAND SURVEYING CORPORATION NUMBER 184-002917, HAVE SURVEYED THE PLAN OF HIGHWAYS SHOWN HEREON BETWEEN SECTION 9, TOWNSHIP 38 NORTH, RANGE 9 EAST, AND SECTION 10, TOWNSHIP 38 NORTH, RANGE 9 EAST OF THE THIRD PRINCIPAL MERIDIAN, DUPAGE COUNTY, THAT THE SURVEY IS TRUE AND COMPLETE AS SHOWN TO THE BEST OF MY KNOWLEDGE AND BELIEF THAT THE PLAT CORRECTLY REPRESENTS SAID SURVEY, THAT ALL MONUMENTS FOUND AND ESTABLISHED ARE OF PERMANENT QUALITY AND OCCUPY THE POSITIONS SHOWN THEREON AND THAT THE MONUMENTS ARE SUFFICIENT TO ENABLE THE SURVEY TO BE RETRACED. THIS SURVEY CONFORMS TO THE CURRENT ILLINOIS MINIMUM STANDARDS FOR A BOUNDARY SURVEY. MADE FOR THE DEPARTMENT OF TRANSPORTATION, STATE OF ILLINOIS.

DATED AT NAPERVILLE, ILLINOIS THIS \_\_\_\_ DAY OF \_\_\_\_\_, 2010 A.D.

RUSSELL W. OLSEN  
 ILLINOIS PROFESSIONAL LAND SURVEYOR NO. 035-002718  
 LICENSE EXPIRES NOVEMBER 30, 2010  
 THIS PROFESSIONAL SERVICE CONFORMS TO THE CURRENT ILLINOIS MINIMUM STANDARDS FOR A BOUNDARY SURVEY. **Midwest Technical Consultants, Inc.**  
 1840 Centre Point Circle  
 Naperville, ILLINOIS 60563  
 (630)505-0101

NOTES:  
 1) ALL COORDINATES SHOWN HEREON ARE PROJECT. ALL DISTANCES SHOWN HEREON ARE GROUND.  
 2) BEARINGS SHOWN HEREON ARE BASED ON ILLINOIS STATE PLANE COORDINATE SYSTEM EAST ZONE, NAD 83, (2007).  
 3) THE COMBINATION FACTOR USED FOR THIS PROJECT = 0.99994777.  
 4) COORDINATE CONVERSION  
 NAD83 (2007) STATE PLANE COORDINATES TO PROJECT COORDINATES:  
 A) DIVIDE THE STATE PLANE NAD83 GRID COORDINATES BY THE COMBINATION FACTOR.  
 B) SUBTRACT 1,000,000.00 FROM THESE NORTHINGS AND EASTINGS.  
 PROJECT COORDINATES TO NAD83 (2007) STATE PLANE COORDINATES:  
 A) ADD 1,000,000.00 TO THE PROJECT NORTHINGS AND EASTINGS.  
 B) MULTIPLY THESE COORDINATES BY THE COMBINATION FACTOR.  
 5) THE NGS MONUMENT HELD FOR THIS PROJECT IS IS FIRST ORDER P.I.D. AA3730.



CURVE DATA	
PROPOSED CENTERLINE CONSTRUCTION	CURVE NO. PRIL59-4
Δ = 03°39'58"	
D = 01'48'43"	
R = 3162.19'	
L = 202.34'	
T = 101.20'	
E = 1.82'	
2134 PC STA. 3969+82.54	
N. 862,337.4267 E. 19,118.4966	
2137 PI STA. 3970+83.74	
N. 862,478.4588 E. 19,112.6358	
2136 PT STA. 3971+84.88	
N. 862,579.6588 E. 19,113.2472	

CURVE DATA	
PROPOSED CENTERLINE CONSTRUCTION	CURVE NO. PRIL59-5
Δ = 01°46'45"	
D = 00'48'53"	
R = 7033.45'	
L = 218.40'	
T = 109.21'	
E = 0.85'	
2138 PC STA. 3998+65.83	
N. 865,260.5627 E. 19,129.7596	
2141 PI STA. 3999+75.04	
N. 865,369.7685 E. 19,130.4445	
2140 PT STA. 4000+84.23	
N. 865,478.9005 E. 19,134.5194	

CURVE DATA	
PROPOSED CENTERLINE CONSTRUCTION	CURVE NO. PRIL59-6
Δ = 01°46'45"	
D = 00'48'45"	
R = 7051.09'	
L = 218.95'	
T = 109.48'	
E = 0.85'	
2142 PC STA. 4002+64.27	
N. 865,678.7993 E. 19,141.9836	
2145 PI STA. 4003+93.75	
N. 865,788.2050 E. 19,146.0688	
2144 PT STA. 4005+03.21	
N. 865,897.6847 E. 19,146.7554	

F.A.P. 338 ILLINOIS ROUTE 59, SECTION FERRY RD. TO AURORA AVE., JOB. NO. R-91-035-09.

REVISION DATE: REVISION: MADE BY: JB

NAD83 (2007) S.P. N. 1,869,327.5048 E. 1,023,602.1293
PROJECT (GROUND) N. 869,425.1449 E. 23,655.5948

**PLAT OF HIGHWAYS**  
**STATE OF ILLINOIS**  
**DEPARTMENT OF TRANSPORTATION**  
**F.A.P. 338 ILLINOIS ROUTE 59**  
 SECTION FERRY RD. TO AURORA AVE. DUPAGE COUNTY  
 PROJECT: ROUTE 59 JOB NO. R-91-035-09  
 STATION 3996+50 TO STATION 4005+00  
 SCALE: 1" = 40' SHEET 37B OF 47

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

CONTRACT 60R31 SHEET 366 OF 734

PRINTING DATE: JULY 27, 2010 - JB Microstation (Sheet 37B.dgn)

RECEIVED  
 JUL 26 2010  
 PLAT & LEGALS

**PART OF THE SE 1/4 SECTION 9, T38N, R9E OF THE 3rd PM, NAPERVILLE TOWNSHIP, DUPAGE COUNTY, ILLINOIS.**

PARCEL NUMBER	OWNER	TOTAL HOLDING	PART TAKEN	REMAINDER	PREV. DED.	EASEMENT	EASEMENT PURPOSE	PERMANENT TAX INDEX NUMBER	PROPERTY ACQUIRED BY
		ACRES	ACRES	ACRES	ACRES	ACRES			
1HJ0099	HOME PROPERTIES COURTYARD VILLAGE, LLC, A NEW YORK, L.P.	13.010	0.310	12.700		0.015	CONSTRUCTION	07-09-408-016	

COORDINATE TABLE				
NO.	STATION	OFFSET	NORTH	EAST
1698	3989+50.00	74.82 LT	864345.2182	19049.1971
1697	3989+50.00	80.00 LT	864345.2507	19044.0179
1700	3991+64.72	70.00 LT	864559.8989	19055.3642
1699	3991+64.82	62.00 LT	864559.9506	19063.3647
1702	3993+17.75	76.00 LT	864712.9684	19050.3240
1701	3993+17.75	70.00 LT	864712.9307	19056.3239
1704	3994+30.08	70.00 LT	864825.2585	19057.0284
1703	3994+30.08	76.00 LT	864825.2961	19051.0285
1710	3998+38.65	70.00 LT	865233.8201	19059.5905
1733	3998+38.74	66.00 LT	865233.8849	19063.5910
1731	3998+38.85	61.00 LT	865233.9658	19068.5916
179	3998+39.10	49.90 LT	865234.1456	19079.6980
1732	3998+65.83	66.00 LT	865260.9766	19063.7609
1730	3998+65.83	61.00 LT	865260.9452	19068.7608

**LEGEND**

SECTION CORNER  
QUARTER SECTION CORNER

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

APL APPARENT PROPERTY LINE  
CENTERLINE  
EXISTING RIGHT OF WAY LINE  
PROPOSED RIGHT OF WAY LINE  
PROPOSED EASEMENT  
EXISTING ACCESS CONTROL LINE  
PROPOSED ACCESS CONTROL LINE  
RECORD DATA

EXISTING BUILDING  
CHAIN LINK FENCE  
WOOD FENCE  
FENCE LINE

IRON PIPE OR ROD FOUND  
CUT CROSS FOUND OR SET

SET 5/8" x 30' REBAR  
PK FOUND PK NAIL  
OPK SET PK NAIL

TI THESE STAKES REFERENCE FOUND OR SET MONUMENTATION.  
T2 SET 5/8 INCH REBAR FLUSH WITH GROUND TO TIE FOUND IRON STAKE, IDENTIFIED BY COLORED PLASTIC CAP AND BEARING SURVEYORS PROFESSIONAL NUMBER.  
T3 BY COLORED PLASTIC CAP AND BEARING SURVEYORS PROFESSIONAL NUMBER.

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BT3 IDENTIFIED BY COLORED PLASTIC CAP BEARING SURVEYORS PROFESSIONAL NUMBER.

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

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

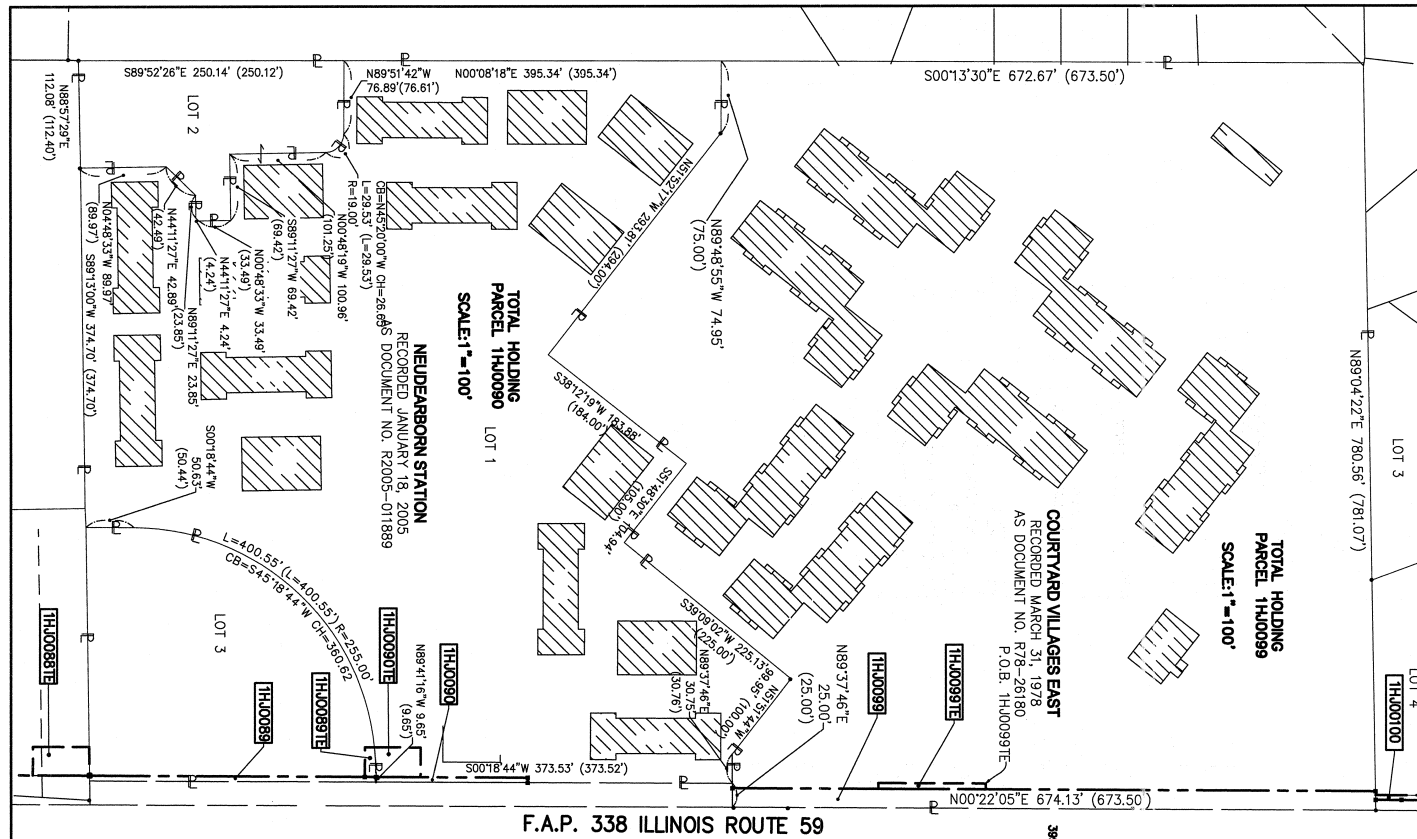
PERMANENT SURVEY MARKER, IDOT STD. 2135 (TO BE SET BY OTHERS)

RIGHT OF WAY STAKING PROPOSED TO BE SET.

STATE OF ILLINOIS ) SS  
COUNTY OF DUPAGE )

SCALE: 1" = 40'

BEARINGS ARE BASED ON ILLINOIS STATE PLANE COORDINATE SYSTEM EAST ZONE, N.A.D. 83 (2007)



- TI THESE STAKES REFERENCE FOUND OR SET MONUMENTATION.
- T2 SET 5/8 INCH REBAR FLUSH WITH GROUND TO TIE FOUND IRON STAKE, IDENTIFIED BY COLORED PLASTIC CAP AND BEARING SURVEYORS PROFESSIONAL NUMBER.
- T3 BY COLORED PLASTIC CAP AND BEARING SURVEYORS PROFESSIONAL NUMBER.
- BT1 THESE STAKES, IN CULTIVATED AREAS, REFERENCE FOUND OR SET MONUMENTATION.
- BT2 BURIED 5/8 INCH REBAR 20 INCHES BELOW GROUND TO TIE FOUND IRON STAKE.
- BT3 IDENTIFIED BY COLORED PLASTIC CAP BEARING SURVEYORS PROFESSIONAL NUMBER.
- STAKING OF PROPOSED RIGHT OF WAY.
- SET DIVISION OF HIGHWAYS SURVEY MARKER TO MONUMENT THE POSITION SHOWN, IDENTIFIED BY INSCRIPTION DATA AND SURVEYORS PROFESSIONAL NUMBER.
- M STAKING OF PROPOSED RIGHT OF WAY IN CULTIVATED AREAS.
- BURIED 5/8 INCH REBAR 20 INCHES BELOW GROUND TO MARK FUTURE SURVEY MARKER POSITION, IDENTIFIED BY COLORED PLASTIC CAP BEARING SURVEYORS PROFESSIONAL NUMBER.
- PERMANENT SURVEY MARKER, IDOT STD. 2135 (TO BE SET BY OTHERS)
- RIGHT OF WAY STAKING PROPOSED TO BE SET.

THIS IS TO CERTIFY THAT WE, MIDWEST TECHNICAL CONSULTANTS, INC., AN ILLINOIS PROFESSIONAL DESIGN FIRM LAND SURVEYING CORPORATION NUMBER 184-002917, HAVE SURVEYED THE PLAT OF HIGHWAYS SHOWN HEREON BETWEEN SECTION 9, TOWNSHIP 38 NORTH, RANGE 9 EAST, AND SECTION 10, TOWNSHIP 38 NORTH, RANGE 9 EAST OF THE THIRD PRINCIPAL MERIDIAN, DUPAGE COUNTY, THAT THE SURVEY IS TRUE AND COMPLETE AS SHOWN TO THE BEST OF MY KNOWLEDGE AND BELIEF, THAT THE PLAT CORRECTLY REPRESENTS SAID SURVEY, THAT ALL MONUMENTS FOUND AND ESTABLISHED ARE OF PERMANENT QUALITY AND OCCUPY THE POSITIONS SHOWN THEREON AND THAT THE MONUMENTS ARE SUFFICIENT TO ENABLE THE SURVEY TO BE RETRACED. THIS SURVEY CONFORMS TO THE CURRENT ILLINOIS MINIMUM STANDARDS FOR A BOUNDARY SURVEY. MADE FOR THE DEPARTMENT OF TRANSPORTATION, STATE OF ILLINOIS.

DATED AT NAPERVILLE, ILLINOIS THIS \_\_\_\_ DAY OF \_\_\_\_\_, 2010 A.D.

RUSSELL W. OLSEN  
ILLINOIS PROFESSIONAL LAND SURVEYOR NO. 035-002718  
LICENSE EXPIRES NOVEMBER 30, 2010  
THIS PROFESSIONAL SERVICE CONFORMS TO THE CURRENT ILLINOIS MINIMUM STANDARDS FOR A BOUNDARY SURVEY. **Midwest Technical Consultants, Inc.**  
1840 Centre Point Circle  
Naperville, ILLINOIS 60563  
(630)505-0101

- NOTES:
- ALL COORDINATES SHOWN HEREON ARE PROJECT. ALL DISTANCES SHOWN HEREON ARE GROUND.
  - BEARINGS SHOWN HEREON ARE BASED ON ILLINOIS STATE PLANE COORDINATE SYSTEM EAST ZONE, NAD 83, (2007).
  - THE COMBINATION FACTOR USED FOR THIS PROJECT = 0.99994777.
  - COORDINATE CONVERSION
- NAD83 (2007) STATE PLANE COORDINATES TO PROJECT COORDINATES:  
A) DIVIDE THE STATE PLANE NAD83 GRID COORDINATES BY THE COMBINATION FACTOR.  
B) SUBTRACT 1,000,000.00 FROM THESE NORTHINGS AND EASTINGS.
- PROJECT COORDINATES TO NAD83 (2007) STATE PLANE COORDINATES:  
A) ADD 1,000,000.00 TO THE PROJECT NORTHINGS AND EASTINGS.  
B) MULTIPLY THESE COORDINATES BY THE COMBINATION FACTOR.
- 5) THE NGS MONUMENT HELD FOR THIS PROJECT IS IS FIRST ORDER P.I.D. AA3730.

RECEIVED  
JUL 26 2010  
PLATS & LEGALS

NAD83 (2007) S.P.	
N. 1,869,327.5048	
E. 1,023,602.1293	
PROJECT (GROUND)	
N. 869,425.1449	
E. 23,655.5948	

**PLAT OF HIGHWAYS**  
**STATE OF ILLINOIS**  
**DEPARTMENT OF TRANSPORTATION**  
**F.A.P. 338 ILLINOIS ROUTE 59**  
SECTION FERRY RD. TO AURORA AVE. DUPAGE COUNTY  
PROJECT: ROUTE 59 JOB NO. R-91-035-09  
STATION 3989+50 TO STATION 3996+50  
SCALE: 1" = 40' SHEET 38B OF 47

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

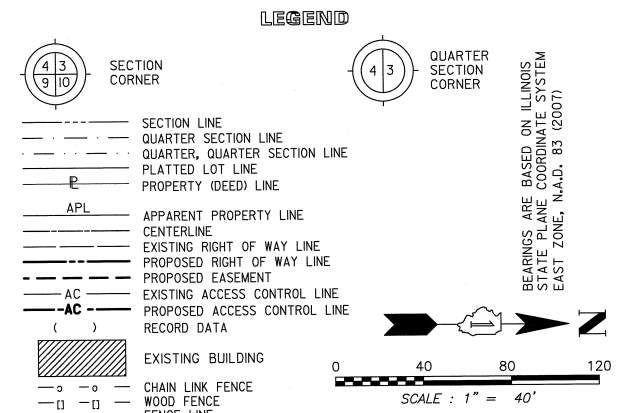
PRINTING DATE: JULY 23, 2010 - JB - Microstation/Sheet 38B.dgn



PART OF THE SOUTHEAST 1/4 SECTION 9 AND THE NORTHEAST 1/4 SECTION 16, T38N, R9E OF THE 3rd PM, NAPERVILLE TOWNSHIP, DUPAGE COUNTY, ILLINOIS.

PARCEL NUMBER	OWNER	TOTAL HOLDING ACRES	PART TAKEN ACRES	REMAINDER ACRES	PREV. DED. ACRES	EASEMENT ACRES	EASEMENT PURPOSE	PERMANENT TAX INDEX NUMBER	PROPERTY ACQUIRED BY
1HJ0088	NORTH PLAZA PARTNERS, LLC, AN ILLINOIS LIMITED LIABILITY COMPANY	1.970	0.122	1.848		0.052	DRIVEWAY RECONSTRUCTION	07-16-207-001	
1HJ0089	NEWDEARBORN STATION CONDOMINIUM ASSOCIATION	1.520	0.038	1.482		A=0.008 (356 SQ FT)	DRIVEWAY RECONSTRUCTION	07-09-408-048	
1HJ0089TE-A	AN ILLINOIS NOT-FOR-PROFIT CORPORATION					B=0.014	CONSTRUCTION		
1HJ0089TE-B									
1HJ0090	NEUMANN HOMES, INC.	8.436	0.019	8.417		0.034	DRIVEWAY RECONSTRUCTION	07-09-408-050	
1HJ0090TE									

COORDINATE TABLE				
NO.	STATION	OFFSET	NORTH	EAST
1688	3982+08.11	80.00 LT	863603.3591	19039.4306
166	3982+08.42	64.25 LT	863603.5688	19055.1863
9397	3984+31.16	118.27 LT	863826.6336	19002.5089
1682	3984+31.16	80.00 LT	863826.4024	19010.5682
1683	3984+31.16	110.21 LT	863826.5849	19002.8640
9398	3984+89.94	118.27 LT	863885.4117	19002.8640
1685	3984+90.11	110.23 LT	863885.5300	19010.9050
1687	3984+90.73	80.00 LT	863885.9748	19041.1381
10094	3984+91.27	54.16 LT	863886.3549	19066.9820
9400	3985+02.52	110.00 LT	863897.9676	19011.2123
9399	3985+02.66	80.00 LT	863897.9208	19041.2130
9401	3985+22.52	110.00 LT	863917.9672	19011.3378
9402	3985+22.66	80.00 LT	863917.9191	19041.3384
1693	3987+79.29	111.22 LT	864174.7398	19011.7280
1692	3987+79.29	80.00 LT	864174.5440	19042.9474
1709	3987+89.67	111.22 LT	864185.1212	19011.7931
10176	3987+91.11	84.34 LT	864186.3955	19038.6820
10172	3987+91.12	74.69 LT	864186.3429	19048.3310
1708	3987+91.12	80.00 LT	864186.3719	19043.0216
1695	3988+37.61	80.00 LT	864239.8629	19043.3131
1694	3988+37.61	111.22 LT	864233.0587	19012.0937
1698	3989+50.00	74.82 LT	864345.2182	19049.1971
1697	3989+50.00	80.00 LT	864345.2507	19044.0179



BEARINGS ARE BASED ON ILLINOIS STATE PLANE COORDINATE SYSTEM EAST ZONE, N.A.D. 83 (2007)

SCALE: 1" = 40'

STATE OF ILLINOIS ) SS  
COUNTY OF DUPAGE)

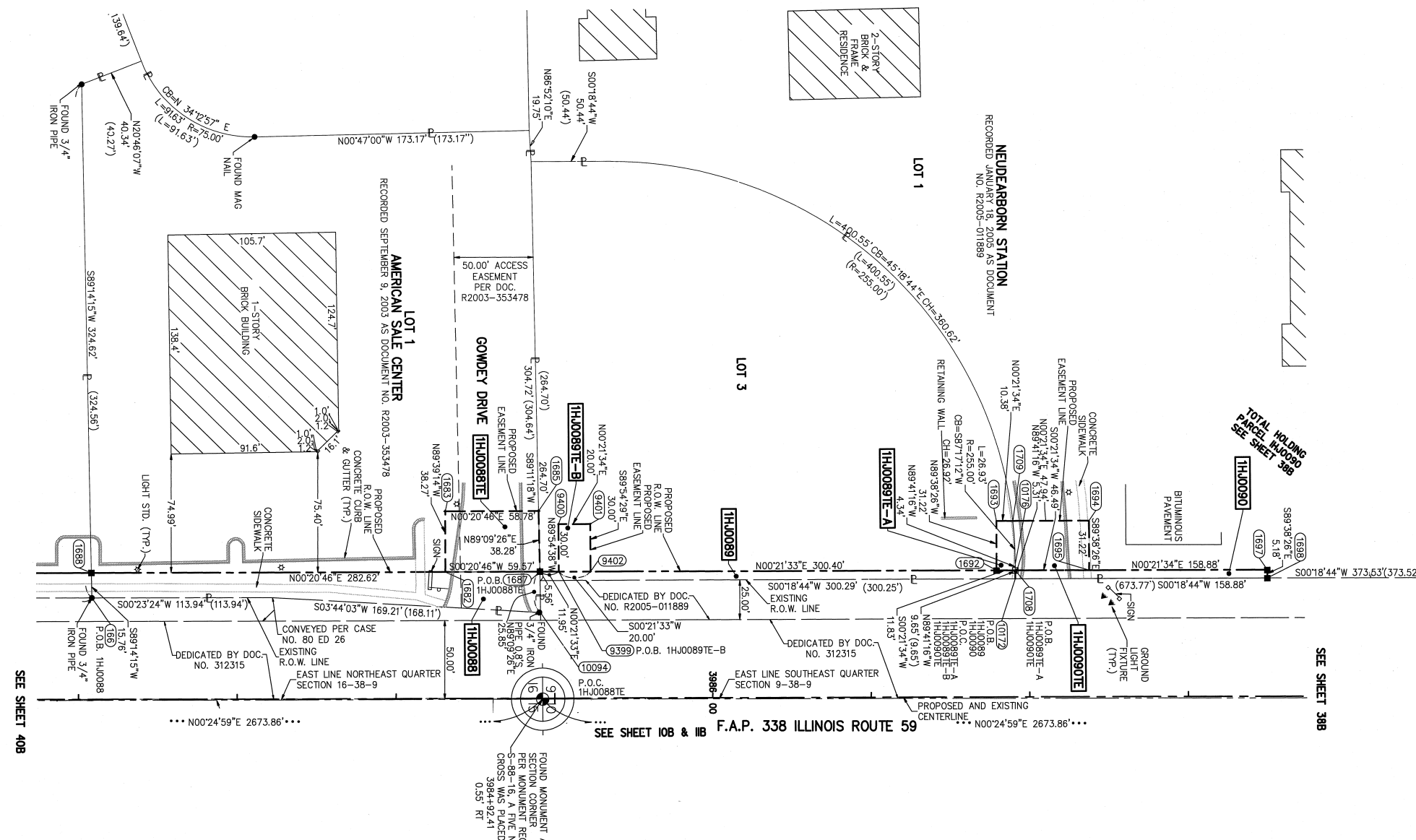
THIS IS TO CERTIFY THAT WE, MIDWEST TECHNICAL CONSULTANTS, INC., AN ILLINOIS PROFESSIONAL DESIGN FIRM NUMBER 184-002917, HAVE SURVEYED THE PLAT OF HIGHWAYS SHOWN HEREON BETWEEN SECTION 9, TOWNSHIP 38 NORTH, RANGE 9 EAST, AND SECTION 16, TOWNSHIP 38 NORTH, RANGE 9 EAST OF THE THIRD PRINCIPAL MERIDIAN, DUPAGE COUNTY, THAT THE SURVEY IS TRUE AND COMPLETE AS SHOWN TO THE BEST OF MY KNOWLEDGE AND BELIEF, THAT THE PLAT CORRECTLY REPRESENTS SAID SURVEY, THAT ALL MONUMENTS FOUND AND ESTABLISHED ARE OF PERMANENT QUALITY AND OCCUPY THE POSITIONS SHOWN THEREON AND THAT THE MONUMENTS ARE SUFFICIENT TO ENABLE THE SURVEY TO BE RETRACED. THIS SURVEY CONFORMS TO THE CURRENT ILLINOIS MINIMUM STANDARDS FOR A BOUNDARY SURVEY. MADE FOR THE DEPARTMENT OF TRANSPORTATION, STATE OF ILLINOIS.

DATED AT NAPERVILLE, ILLINOIS THIS \_\_\_\_ DAY OF \_\_\_\_\_, 2011 A.D.

RUSSELL W. OLSEN  
ILLINOIS PROFESSIONAL LAND SURVEYOR NO. 035-002718  
LICENSE EXPIRES NOVEMBER 30, 2012  
THIS PROFESSIONAL SERVICE CONFORMS TO THE CURRENT ILLINOIS MINIMUM STANDARDS FOR A BOUNDARY SURVEY.

Midwest Technical Consultants, Inc.  
1805 N. MILL STREET, SUITE L  
Naperville, ILLINOIS 60563  
(630)505-0101

NOTES:  
1) ALL COORDINATES SHOWN HEREON ARE PROJECT. ALL DISTANCES SHOWN HEREON ARE GROUND.  
2) BEARINGS SHOWN HEREON ARE BASED ON ILLINOIS STATE PLANE COORDINATE SYSTEM EAST ZONE, NAD 83, (2007).  
3) THE COMBINATION FACTOR USED FOR THIS PROJECT = 0.99994777.  
4) COORDINATE CONVERSION  
NAD83 (2007) STATE PLANE COORDINATES TO PROJECT COORDINATES:  
A) DIVIDE THE STATE PLANE NAD83 GRID COORDINATES BY THE COMBINATION FACTOR  
B) SUBTRACT 1,000,000.00 FROM THESE NORTHINGS AND EASTINGS.  
PROJECT COORDINATES TO NAD83 (2007) STATE PLANE COORDINATES:  
A) ADD 1,000,000.00 TO THE PROJECT NORTHINGS AND EASTINGS.  
B) MULTIPLY THESE COORDINATES BY THE COMBINATION FACTOR.  
5) THE NGS MONUMENT HELD FOR THIS PROJECT IS IS FIRST ORDER P.I.D. AA3730.



PRINTING DATE: SEPTEMBER 29, 2011 JB - Microstation/Sheet 39B.dwg

F.A.P. 338 ILLINOIS ROUTE 59, SECTION FERRY RD. TO AURORA AVE., JOB. NO. R-91-035-09.

REVISION DATE: SEPTEMBER 29, 2011  
REVISION DATE: JULY 11, 2011

REVISION: CORRECT AREA FOR 1HJ0090TE  
REVISION: REVISE 1HJ0088TE, 1HJ0089TE-A, 1HJ0089TE-B

MADE BY: JB

NAD83 (2007) S.P.	
N.	1,869,327.5048
E.	1,023,602.1293
PROJECT (GROUND)	
N.	869,425.1449
E.	23,655.5948

PLAT OF HIGHWAYS  
STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION  
F.A.P. 338 ILLINOIS ROUTE 59  
SECTION FERRY RD. TO AURORA AVE. DUPAGE COUNTY  
PROJECT: ROUTE 59 JOB NO. R-91-035-09  
STATION 3982+00 TO STATION 3989+50  
SCALE: 1" = 40' SHEET 39B OF 47

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

CONTRACT 60R31 SHEET 368 OF 734

**SYMBOL LEGEND**

- INDICATES SIGN IS MOUNTED TO SIGNAL MAST ARM, SEE SIGNAL PLANS (TYP.)
- INDICATES SIGN IS MOUNTED TO A TRAFFIC SIGNAL POLE (TYP.)
- REGULATORY SIGN (R SERIES)
- WARNING SIGN (W SERIES)
- GUIDE SIGN (D/M SERIES)
- SPECIAL/OTHER SIGNS

**PAVEMENT MARKING LEGEND (SEE NOTE 4)**

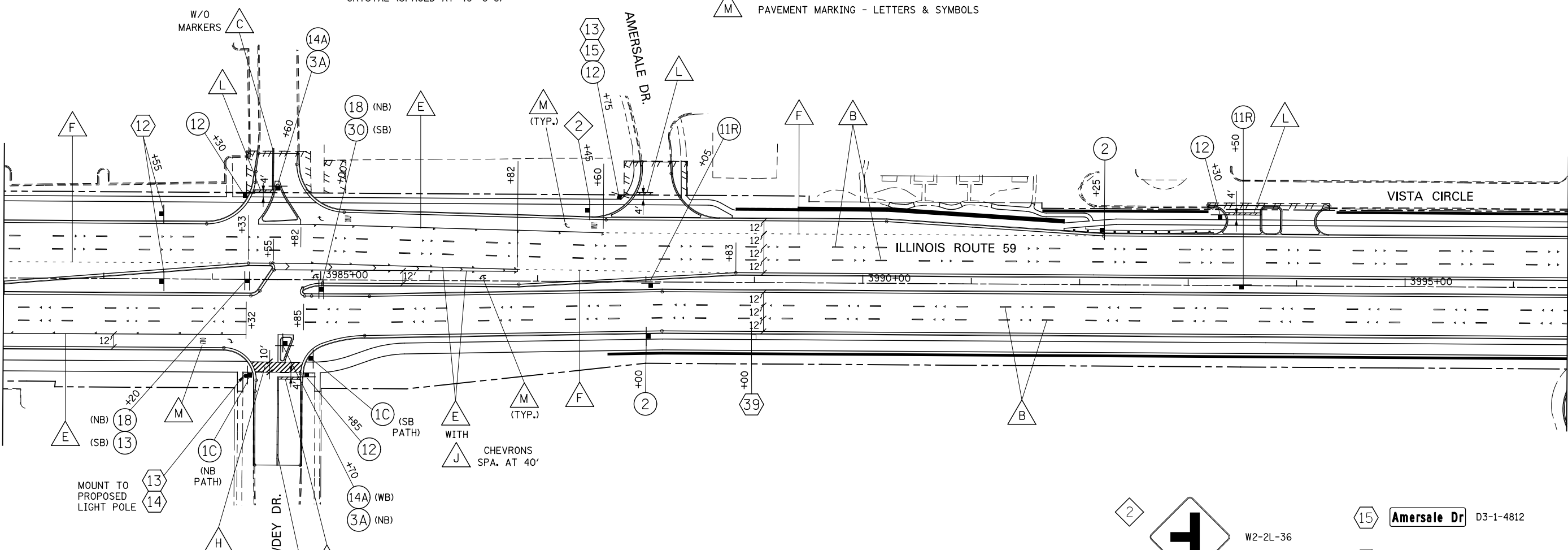
- PAVEMENT MARKING - LINE 4", SOLID WHITE
- PAVEMENT MARKING - LINE 4", WHITE SKIP-DASH (10' LINE - 30' SPACE) WITH RAISED REFLECTIVE PAVEMENT MARKERS, ONE-WAY CRYSTAL (SPACED AT 80' C-C)
- PAVEMENT MARKING - LINE 4", DOUBLE YELLOW WITH RAISED REFLECTIVE PAVEMENT MARKERS, ONE-WAY AMBER (SPACED AT 40' C-C)
- PAVEMENT MARKING - LINE 4", DOUBLE YELLOW WITH RAISED REFLECTIVE PAVEMENT MARKERS, TWO-WAY AMBER (SPACED AT 40' C-C)
- PAVEMENT MARKING - LINE 6", SOLID WHITE WITH RAISED REFLECTIVE PAVEMENT MARKERS, ONE-WAY CRYSTAL (SPACED AT 40' C-C)
- PAVEMENT MARKING - LINE 6", WHITE DOTTED (2' LINE - 6' SPACE, UNLESS OTHERWISE NOTED)
- PAVEMENT MARKING - LINE 6", SOLID WHITE
- PAVEMENT MARKING - LINE 6", SOLID WHITE WITH 12" SOLID WHITE DIAGONALS AT 45°, SPACED AT 2'
- PAVEMENT MARKING - LINE 8", SOLID WHITE
- PAVEMENT MARKING - LINE 12", SOLID WHITE
- PAVEMENT MARKING - LINE 12", SOLID YELLOW
- PAVEMENT MARKING - LINE 24", SOLID WHITE
- PAVEMENT MARKING - LETTERS & SYMBOLS

**NOTES**

1. PAVEMENT MARKINGS AND RAISED REFLECTIVE PAVEMENT MARKERS 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 POST-MOUNTED SIGNS SHALL BE MOUNTED ON TELESCOPING POLES IN ACCORDANCE WITH HIGHWAY STANDARD 728001 UNLESS OTHERWISE NOTED.
4. ALL PERMANENT PAVEMENT MARKING ON PCC PAVEMENT SHALL BE POLYUREA PAVEMENT MARKING, TYPE I AND ON HMA PAVEMENT SHALL BE THERMOPLASTIC PAVEMENT MARKING OF THE TYPE SPECIFIED IN THE PAVEMENT MARKING LEGEND.

(SEE CONTRACT 60R30 FOR CONTINUATION)  
CONTRACT 60R31 LIMITS STA. 3982+08

MATCH LINE STA. 3996+50



**SIGN LEGEND**

- 11R ONE WAY R6-2R-2430
- 13 U-TURN YIELD TO RIGHT TURN R10-16-3036
- 14A U-TURN ONLY R4-7-2430
- 18 NO U-TURN VEHICLES OVER 22 FEET R3-18-36
- 1C STOP R1-1-18 (PATH ONLY)
- 2 SPEED LIMIT 45 R2-1-3036 (45 MPH)
- 3A NO LEFT TURN R3-2-30
- 11R ONE WAY R6-2R-2430
- 12 STOP ONLY R1-1-30 R3-5R-3036 MOUNT ON SEPARATE POSTS
- 13 U-TURN YIELD TO RIGHT TURN R10-16-3036
- 30 U-TURN ONLY R3-5(SPECIAL)-2430
- R-SPECIAL-2430 NO U-TURN VEHICLES OVER 22 FEET
- 15 Amersale Dr D3-1-4812
- 39 900 NORTH RELOCATE SIGN PANEL ASSEMBLY -TYPE A D10-SPECIAL-1236
- 12 North Aurora Rd D3-1-9018
- 13 Route 59 D3-1-4212
- 14 Gowdey Dr D3-1-4212
- 2 W2-2L-36
- 11R W16-8-368

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

PAVEMENT MARKING AND SIGNING - ILLINOIS ROUTE 59

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
338	(112 & 113) WRS-6	DUPAGE	734	369
CONTRACT NO. 60R31				

SCALE: AS SHOWN SHEET NO. 1 OF 9 SHEETS STA. 3982+08 TO STA. 3996+50

ILLINOIS FED. AID PROJECT

DESIGNED	PJO	REVISED	-
DRAWN	KES	REVISED	-
CHECKED	JCM	REVISED	-
DATE	12/14/2012	REVISED	-

**SYMBOL LEGEND**

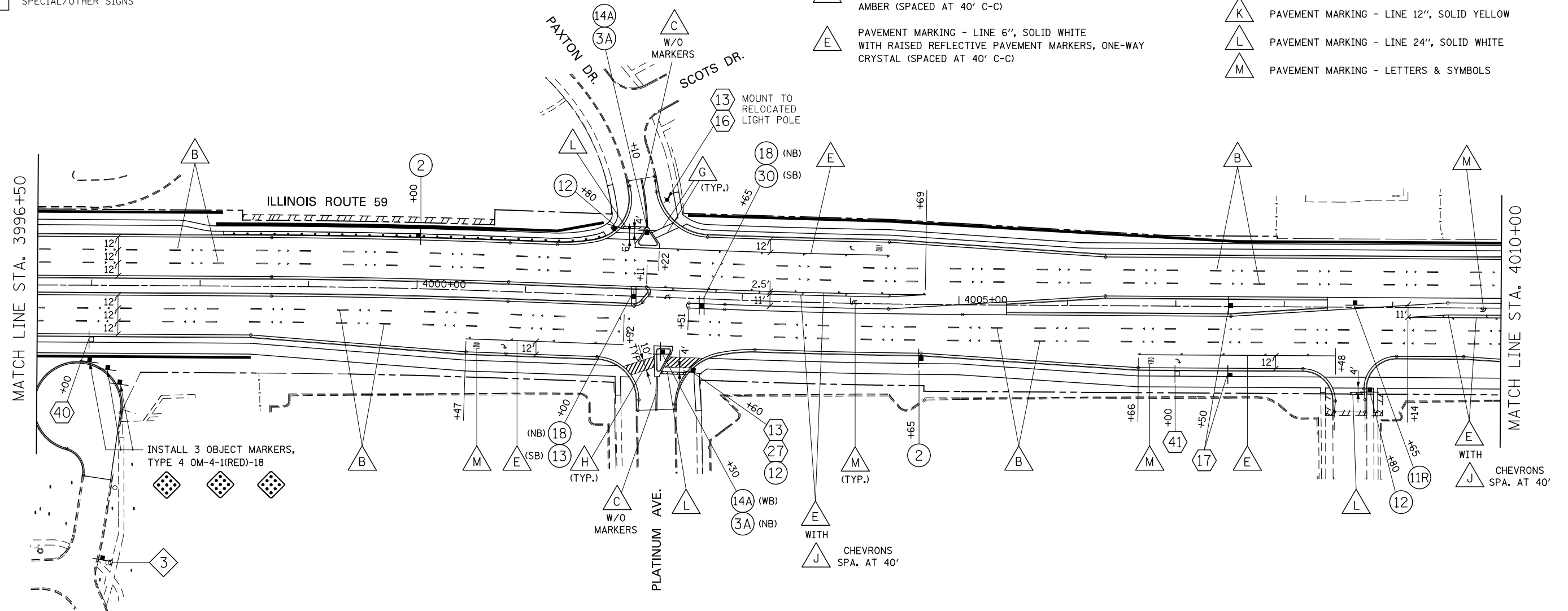
- INDICATES SIGN IS MOUNTED TO SIGNAL MAST ARM, SEE SIGNAL PLANS (TYP.)
- INDICATES SIGN IS MOUNTED TO A TRAFFIC SIGNAL POLE (TYP.)
- REGULATORY SIGN (R SERIES)
- WARNING SIGN (W SERIES)
- GUIDE SIGN (D/M SERIES)
- SPECIAL/OTHER SIGNS

**NOTES**

1. PAVEMENT MARKINGS AND RAISED REFLECTIVE PAVEMENT MARKERS 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 POST-MOUNTED SIGNS SHALL BE MOUNTED ON TELESCOPING POLES IN ACCORDANCE WITH HIGHWAY STANDARD 728001 UNLESS OTHERWISE NOTED.
4. ALL PERMANENT PAVEMENT MARKING ON PCC PAVEMENT SHALL BE POLYUREA PAVEMENT MARKING, TYPE I AND ON HMA PAVEMENT SHALL BE THERMOPLASTIC PAVEMENT MARKING OF THE TYPE SPECIFIED IN THE PAVEMENT MARKING LEGEND.

**PAVEMENT MARKING LEGEND (SEE NOTE 4)**

- PAVEMENT MARKING - LINE 4", SOLID WHITE
- PAVEMENT MARKING - LINE 4", WHITE SKIP-DASH (10' LINE - 30' SPACE) WITH RAISED REFLECTIVE PAVEMENT MARKERS, ONE-WAY CRYSTAL (SPACED AT 80' C-C)
- PAVEMENT MARKING - LINE 4", DOUBLE YELLOW WITH RAISED REFLECTIVE PAVEMENT MARKERS, ONE-WAY AMBER (SPACED AT 40' C-C)
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- PAVEMENT MARKING - LINE 6", WHITE DOTTED (2' LINE - 6' SPACE, UNLESS OTHERWISE NOTED)
- PAVEMENT MARKING - LINE 6", SOLID WHITE
- PAVEMENT MARKING - LINE 6", SOLID WHITE WITH 12" SOLID WHITE DIAGONALS AT 45°, SPACED AT 2'
- PAVEMENT MARKING - LINE 8", SOLID WHITE
- PAVEMENT MARKING - LINE 12", SOLID WHITE
- PAVEMENT MARKING - LINE 12", SOLID YELLOW
- PAVEMENT MARKING - LINE 24", SOLID WHITE
- PAVEMENT MARKING - LETTERS & SYMBOLS

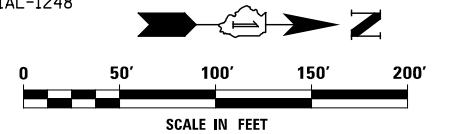


**SIGN LEGEND**

- 2** SPEED LIMIT 45 (45 MPH) R2-1-3036
- 11R** ONE WAY R6-2R-2430
- 13** U-TURN YIELD TO RIGHT TURN R10-16-3036
- 18** NO U-TURN VEHICLES OVER 22 FEET R3-18-36
- 3A** NO U-TURN VEHICLES OVER 22 FEET R3-2-30
- 12** STOP ONLY R1-1-30 R3-5R-3036
- 14A** U-TURN ONLY R4-7-2430
- 30** U-TURN ONLY R3-5(SPECIAL)-2430

- 13** Route 59 D3-1-4212
- 16** Paxton Dr D3-1-4212
- 17** Bruce Ln Brookdale Rd D3-2-9030
- 27** Platinum Av D3-1-6012

- 40** RELOCATE SIGN PANEL ASSEMBLY - TYPE A D10-SPECIAL-1248
- 41** RELOCATE SIGN PANEL ASSEMBLY - TYPE A D10-SPECIAL-1248



DESIGNED	PJO	REVISED	-
DRAWN	KES	REVISED	-
CHECKED	JCM	REVISED	-
DATE	12/14/2012	REVISED	-

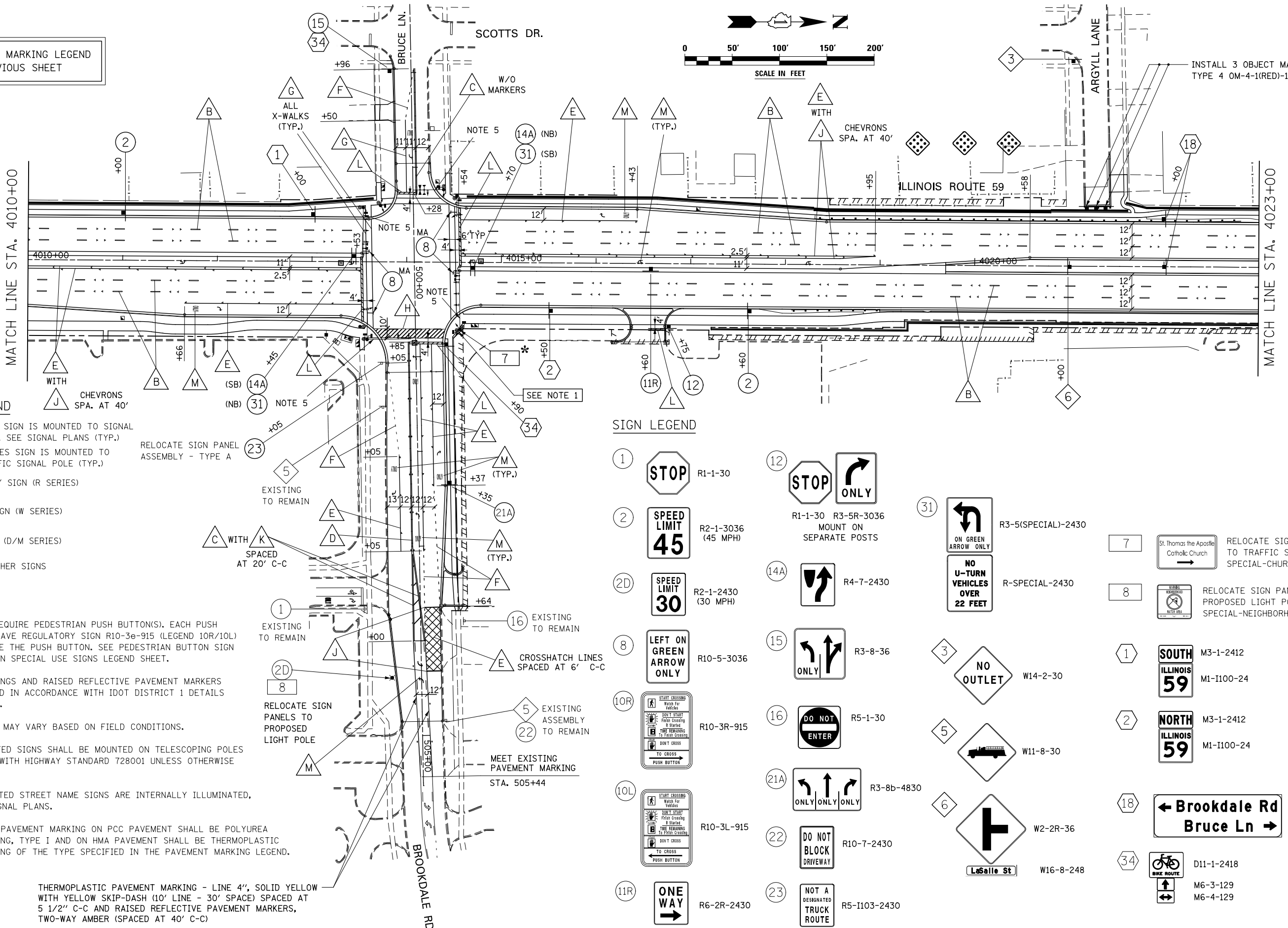
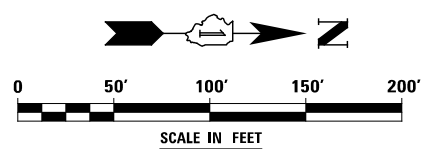
**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**PAVEMENT MARKING AND SIGNING - ILLINOIS ROUTE 59**

SCALE: AS SHOWN SHEET NO. 2 OF 9 SHEETS STA. 3996+50 TO STA. 4010+00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
338	(112 & 113) WRS-6	DUPAGE	734	370
CONTRACT NO. 60R31				
ILLINOIS FED. AID PROJECT				

FOR PAVEMENT MARKING LEGEND  
SEE PREVIOUS SHEET



INSTALL 3 OBJECT MARKERS,  
TYPE 4 OM-4-1(RED)-18

**SYMBOL LEGEND**

- MA \* INDICATES SIGN IS MOUNTED TO SIGNAL MAST ARM, SEE SIGNAL PLANS (TYP.)
- INDICATES SIGN IS MOUNTED TO A TRAFFIC SIGNAL POLE (TYP.)
- 1 REGULATORY SIGN (R SERIES)
- 1 WARNING SIGN (W SERIES)
- 1 GUIDE SIGN (D/M SERIES)
- 1 SPECIAL/OTHER SIGNS

**NOTES**

1. SIGNAL POLES REQUIRE PEDESTRIAN PUSH BUTTON(S). EACH PUSH BUTTON SHALL HAVE REGULATORY SIGN R10-3a-915 (LEGEND 10R/10L) INSTALLED ABOVE THE PUSH BUTTON. SEE PEDESTRIAN BUTTON SIGN MOUNT DETAIL ON SPECIAL USE SIGNS LEGEND SHEET.
2. PAVEMENT MARKINGS AND RAISED REFLECTIVE PAVEMENT MARKERS SHALL BE PLACED IN ACCORDANCE WITH IDOT DISTRICT 1 DETAILS TC-11 AND TC-13.
3. SIGN LOCATIONS MAY VARY BASED ON FIELD CONDITIONS.
4. ALL POST-MOUNTED SIGNS SHALL BE MOUNTED ON TELESCOPING POLES IN ACCORDANCE WITH HIGHWAY STANDARD 728001 UNLESS OTHERWISE NOTED.
5. MAST ARM MOUNTED STREET NAME SIGNS ARE INTERNALLY ILLUMINATED, SEE TRAFFIC SIGNAL PLANS.
6. ALL PERMANENT PAVEMENT MARKING ON PCC PAVEMENT SHALL BE POLYUREA PAVEMENT MARKING, TYPE I AND ON HMA PAVEMENT SHALL BE THERMOPLASTIC PAVEMENT MARKING OF THE TYPE SPECIFIED IN THE PAVEMENT MARKING LEGEND.

THERMOPLASTIC PAVEMENT MARKING - LINE 4", SOLID YELLOW WITH YELLOW SKIP-DASH (10' LINE - 30' SPACE) SPACED AT 5 1/2" C-C AND RAISED REFLECTIVE PAVEMENT MARKERS, TWO-WAY AMBER (SPACED AT 40' C-C)

**SIGN LEGEND**

1		R1-1-30	12		R1-1-30 R3-5R-3036 MOUNT ON SEPARATE POSTS	31		R3-5(SPECIAL)-2430	7		RELOCATE SIGN PANEL TO TRAFFIC SIGNAL POLE SPECIAL-CHURCH-3624
2		R2-1-3036 (45 MPH)	14A		R-SPECIAL-2430	8		RELOCATE SIGN PANEL TO PROPOSED LIGHT POLE SPECIAL-NEIGHBORHOOD-24	1		M3-1-2412 M1-I100-24
2D		R2-1-2430 (30 MPH)	15		W14-2-30	2		M3-1-2412 M1-I100-24	18		D3-2-9030
8		R10-5-3036	16		R5-1-30	34		D11-1-2418 M6-3-129 M6-4-129			
10R		R10-3R-915	21A		R3-8b-4830						
10L		R10-3L-915	22		R10-7-2430						
11R		R6-2R-2430	23		R5-I103-2430						

DESIGNED	PJO	REVISED	-
DRAWN	KES	REVISED	-
CHECKED	JCM	REVISED	-
DATE	12/14/2012	REVISED	-

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

PAVEMENT MARKING AND SIGNING  
ILLINOIS ROUTE 59, BRUCE LANE AND BROOKDALE ROAD  
SCALE: AS SHOWN SHEET NO. 3 OF 9 SHEETS STA. 4010+00 TO STA. 4023+00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
338	(112 & 113) WRS-6	DUPAGE	734	371
CONTRACT NO. 60R31				
ILLINOIS FED. AID PROJECT				

PAVEMENT MARKING LEGEND (SEE NOTE 4)

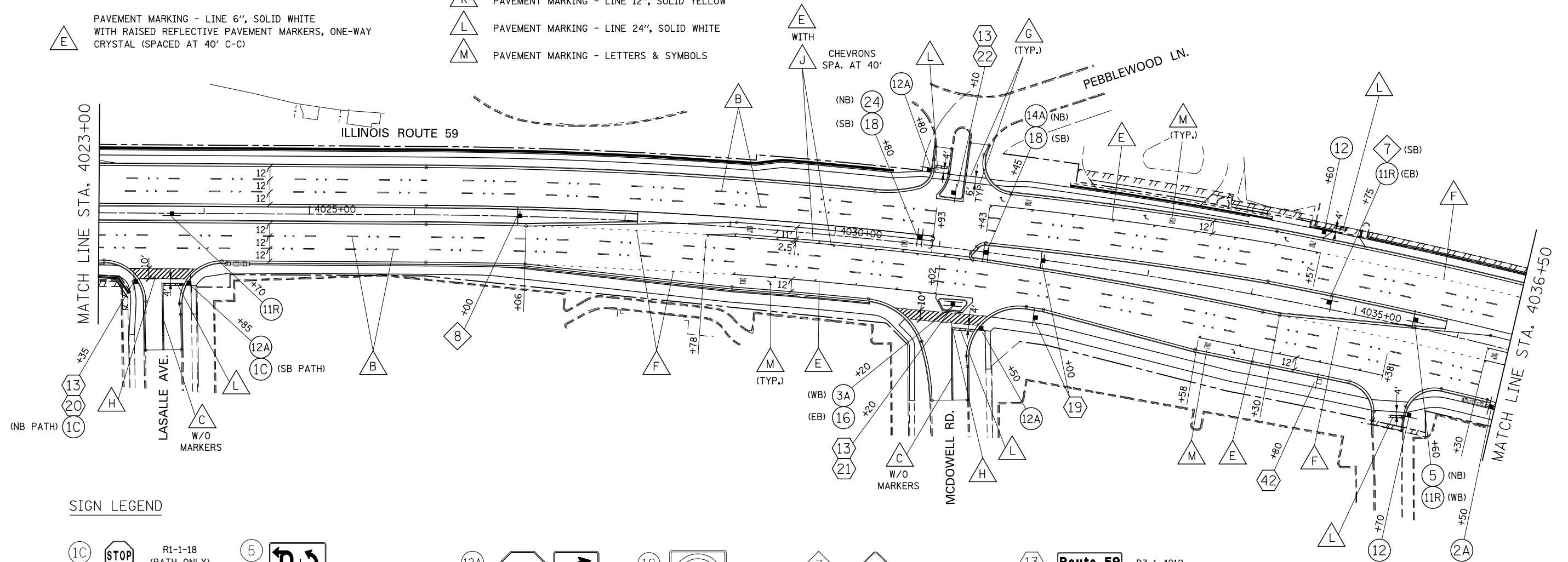
- A PAVEMENT MARKING - LINE 4", SOLID WHITE
- B PAVEMENT MARKING - LINE 4", WHITE SKIP-DASH (10' LINE - 30' SPACE) WITH RAISED REFLECTIVE PAVEMENT MARKERS, ONE-WAY CRYSTAL (SPACED AT 80' C-C)
- C PAVEMENT MARKING - LINE 4", DOUBLE YELLOW WITH RAISED REFLECTIVE PAVEMENT MARKERS, ONE-WAY AMBER (SPACED AT 40' C-C)
- D PAVEMENT MARKING - LINE 4", DOUBLE YELLOW WITH RAISED REFLECTIVE PAVEMENT MARKERS, TWO-WAY AMBER (SPACED AT 40' C-C)
- E PAVEMENT MARKING - LINE 6", SOLID WHITE WITH RAISED REFLECTIVE PAVEMENT MARKERS, ONE-WAY CRYSTAL (SPACED AT 40' C-C)
- F PAVEMENT MARKING - LINE 6", WHITE DOTTED (2' LINE - 6' SPACE, UNLESS OTHERWISE NOTED)
- G PAVEMENT MARKING - LINE 6", SOLID WHITE
- H PAVEMENT MARKING - LINE 6", SOLID WHITE WITH 12" SOLID WHITE DIAGONALS AT 45°, SPACED AT 2'
- I PAVEMENT MARKING - LINE 8", SOLID WHITE
- J PAVEMENT MARKING - LINE 12", SOLID WHITE
- K PAVEMENT MARKING - LINE 12", SOLID YELLOW
- L PAVEMENT MARKING - LINE 24", SOLID WHITE
- M PAVEMENT MARKING - LETTERS & SYMBOLS

SYMBOL LEGEND

- MA \* INDICATES SIGN IS MOUNTED TO SIGNAL MAST ARM, SEE SIGNAL PLANS (TYP.)
- INDICATES SIGN IS MOUNTED TO A TRAFFIC SIGNAL POLE (TYP.)
- 1 REGULATORY SIGN (R SERIES)
- 1 WARNING SIGN (W SERIES)
- 1 GUIDE SIGN (D/M SERIES)
- 1 SPECIAL/OTHER SIGNS

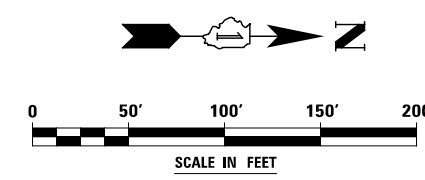
NOTES

- PAVEMENT MARKINGS AND RAISED REFLECTIVE PAVEMENT MARKERS SHALL BE PLACED IN ACCORDANCE WITH IDOT DISTRICT 1 DETAILS TC-11 AND TC-13.
- SIGN LOCATIONS MAY VARY BASED ON FIELD CONDITIONS.
- ALL POST-MOUNTED SIGNS SHALL BE MOUNTED ON TELESCOPING POLES IN ACCORDANCE WITH HIGHWAY STANDARD 728001 UNLESS OTHERWISE NOTED.
- ALL PERMANENT PAVEMENT MARKING ON PCC PAVEMENT SHALL BE POLYUREA PAVEMENT MARKING, TYPE I AND ON HMA PAVEMENT SHALL BE THERMOPLASTIC PAVEMENT MARKING OF THE TYPE SPECIFIED IN THE PAVEMENT MARKING LEGEND.



SIGN LEGEND

- 1C STOP R1-1-18 (PATH ONLY)
- 2A SPEED LIMIT 40 R2-1-3036 (40 MPH)
- 3A NO LEFT TURN R3-2-30
- 5 ON GREEN ARROW ONLY R3-8(SPECIAL)-3630
- NO U-TURN VEHICLES OVER 22 FEET R-SPECIAL-2430
- 11R ONE WAY R6-2R-2430
- 12 STOP ONLY R1-1-30 R3-5R-3036 MOUNT ON SEPARATE POSTS
- 12A STOP ONLY R1-1-36 R3-5R-3036 MOUNT ON SEPARATE POSTS
- 14A NO RIGHT TURN R4-7-2430
- 16 DO NOT ENTER R5-1-30
- 18 NO LEFT TURN R3-18-36
- 24 ONLY R3-5L-3036
- 7 T-intersection sign W2-2-36
- 8 Cross-intersection sign W2-1-36
- 13 Route 59 D3-1-4212
- 19 Diehl Road D3-2-7218
- 20 La Salle Av D3-1-5412
- 21 McDowell Rd D3-1-6612
- 22 Pebblewood Ln D3-1-7212
- 42 600 NORTH RELOCATE SIGN PANEL ASSEMBLY - TYPE A D10-SPECIAL-1248



DESIGNED	PJO	REVISED	-
DRAWN	KES	REVISED	-
CHECKED	JCM	REVISED	-
DATE	12/14/2012	REVISED	-

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

PAVEMENT MARKING AND SIGNING - ILLINOIS ROUTE 59

SCALE: AS SHOWN SHEET NO. 4 OF 9 SHEETS STA. 4023+00 TO STA. 4036+50

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
338	(112 & 113) WRS-6	DUPAGE	734	372
CONTRACT NO. 60R31				
ILLINOIS FED. AID PROJECT				





**SYMBOL LEGEND**

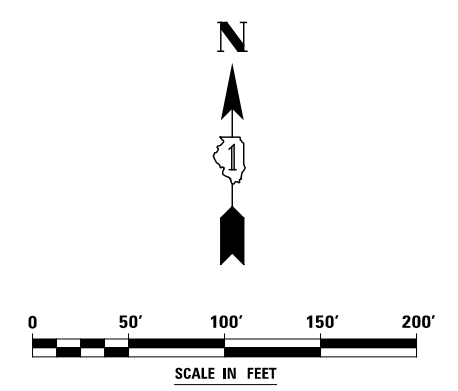
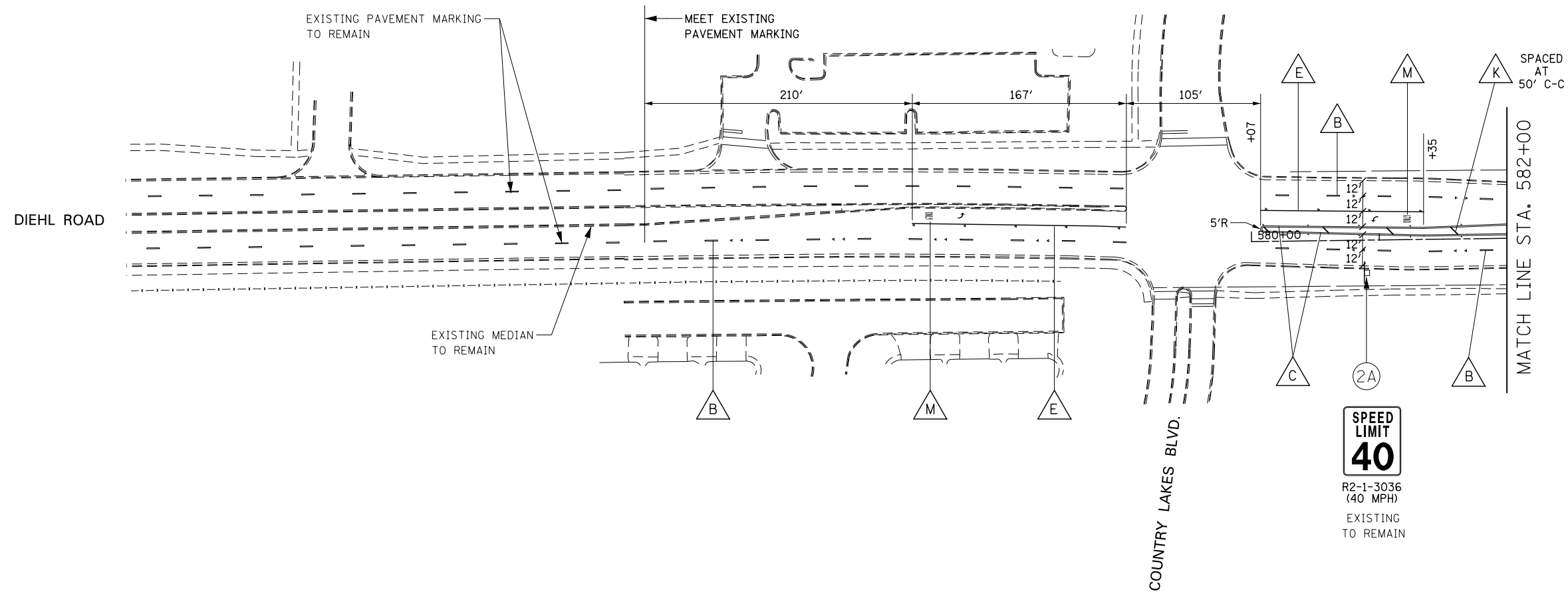
- INDICATES SIGN IS MOUNTED TO SIGNAL MAST ARM, SEE SIGNAL PLANS (TYP.)
- INDICATES SIGN IS MOUNTED TO A TRAFFIC SIGNAL POLE (TYP.)
- REGULATORY SIGN (R SERIES)
- WARNING SIGN (W SERIES)
- GUIDE SIGN (D/M SERIES)
- SPECIAL/OTHER SIGNS

**PAVEMENT MARKING LEGEND (SEE NOTE 5)**

- PAVEMENT MARKING - LINE 4", SOLID WHITE
- PAVEMENT MARKING - LINE 4", WHITE SKIP-DASH (10' LINE - 30' SPACE) WITH RAISED REFLECTIVE PAVEMENT MARKERS, ONE-WAY CRYSTAL (SPACED AT 80' C-C)
- PAVEMENT MARKING - LINE 4", DOUBLE YELLOW WITH RAISED REFLECTIVE PAVEMENT MARKERS, ONE-WAY AMBER (SPACED AT 40' C-C)
- PAVEMENT MARKING - LINE 4", DOUBLE YELLOW WITH RAISED REFLECTIVE PAVEMENT MARKERS, TWO-WAY AMBER (SPACED AT 40' C-C)
- PAVEMENT MARKING - LINE 6", SOLID WHITE WITH RAISED REFLECTIVE PAVEMENT MARKERS, ONE-WAY CRYSTAL (SPACED AT 40' C-C)
- PAVEMENT MARKING - LINE 6", WHITE DOTTED (2' LINE - 6' SPACE, UNLESS OTHERWISE NOTED)
- PAVEMENT MARKING - LINE 6", SOLID WHITE
- PAVEMENT MARKING - LINE 6", SOLID WHITE WITH 12" SOLID WHITE DIAGONALS AT 45°, SPACED AT 2'
- PAVEMENT MARKING - LINE 8", SOLID WHITE
- PAVEMENT MARKING - LINE 12", SOLID WHITE
- PAVEMENT MARKING - LINE 12", SOLID YELLOW
- PAVEMENT MARKING - LINE 24", SOLID WHITE
- PAVEMENT MARKING - LETTERS & SYMBOLS

**NOTES**

- PAVEMENT MARKINGS AND RAISED REFLECTIVE PAVEMENT MARKERS SHALL BE PLACED IN ACCORDANCE WITH IDOT DISTRICT 1 DETAILS TC-11 AND TC-13.
- SIGN LOCATIONS MAY VARY BASED ON FIELD CONDITIONS.
- ALL POST-MOUNTED SIGNS SHALL BE MOUNTED ON TELESCOPING POLES IN ACCORDANCE WITH HIGHWAY STANDARD 728001 UNLESS OTHERWISE NOTED.
- ALL EXISTING SIGNS WEST OF STA. 580+00 ARE TO REMAIN. SIGNS ARE NOT SHOWN.
- ALL PERMANENT PAVEMENT MARKING ON PCC PAVEMENT SHALL BE POLYUREA PAVEMENT MARKING, TYPE I AND ON HMA PAVEMENT SHALL BE THERMOPLASTIC PAVEMENT MARKING OF THE TYPE SPECIFIED IN THE PAVEMENT MARKING LEGEND.



	DESIGNED <i>PJO</i>	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>PAVEMENT MARKING AND SIGNING - DIEHL ROAD</b>	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
	DRAWN <i>KES</i>	REVISED -			338	(112 & 113) WRS-6	DUPAGE	734	374	
	CHECKED <i>JCM</i>	REVISED -			CONTRACT NO. 60R31					
	DATE <i>12/14/2012</i>	REVISED -			ILLINOIS FED. AID PROJECT					
			SCALE: AS SHOWN		SHEET NO. 6 OF 9 SHEETS		STA. 575+00 TO STA. 582+00			

**SYMBOL LEGEND**

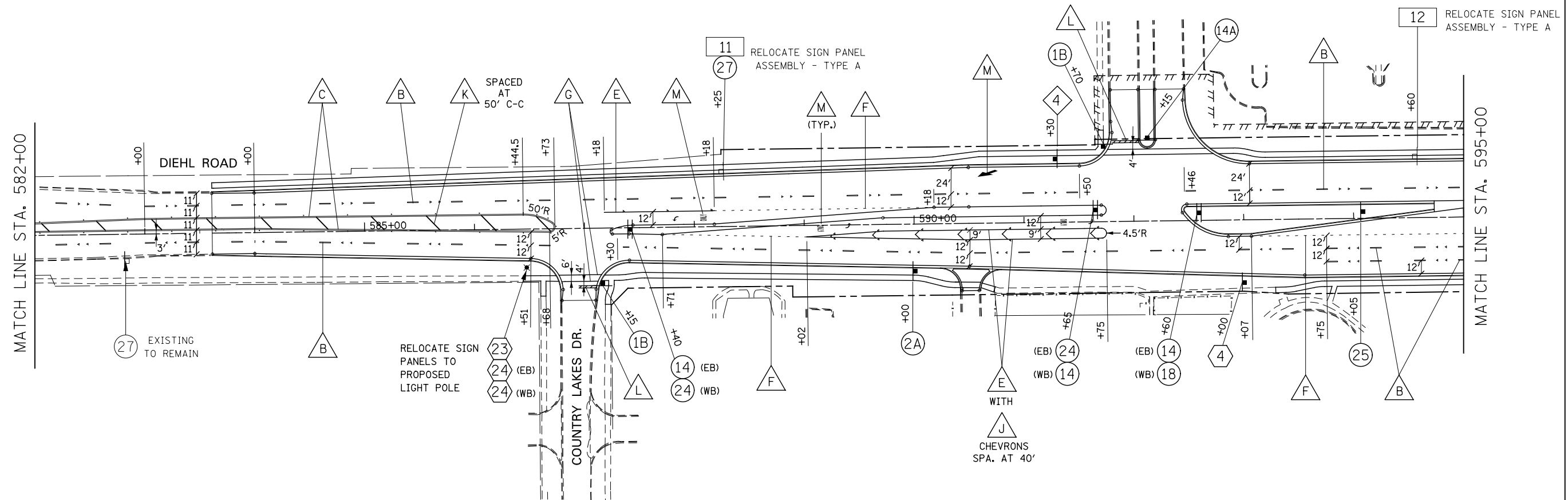
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- INDICATES SIGN IS MOUNTED TO A TRAFFIC SIGNAL POLE (TYP.)
- REGULATORY SIGN (R SERIES)
- WARNING SIGN (W SERIES)
- GUIDE SIGN (D/M SERIES)
- SPECIAL/OTHER SIGNS

**PAVEMENT MARKING LEGEND (SEE NOTE 4)**

- PAVEMENT MARKING - LINE 4", SOLID WHITE
- PAVEMENT MARKING - LINE 4", WHITE SKIP-DASH (10' LINE - 30' SPACE) WITH RAISED REFLECTIVE PAVEMENT MARKERS, ONE-WAY CRYSTAL (SPACED AT 80' C-C)
- PAVEMENT MARKING - LINE 4", DOUBLE YELLOW WITH RAISED REFLECTIVE PAVEMENT MARKERS, ONE-WAY AMBER (SPACED AT 40' C-C)
- PAVEMENT MARKING - LINE 4", DOUBLE YELLOW WITH RAISED REFLECTIVE PAVEMENT MARKERS, TWO-WAY AMBER (SPACED AT 40' C-C)
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- PAVEMENT MARKING - LINE 6", SOLID WHITE
- PAVEMENT MARKING - LINE 6", SOLID WHITE WITH 12" SOLID WHITE DIAGONALS AT 45°, SPACED AT 2'
- PAVEMENT MARKING - LINE 8", SOLID WHITE
- PAVEMENT MARKING - LINE 12", SOLID WHITE
- PAVEMENT MARKING - LINE 12", SOLID YELLOW
- PAVEMENT MARKING - LINE 24", SOLID WHITE
- PAVEMENT MARKING - LETTERS & SYMBOLS

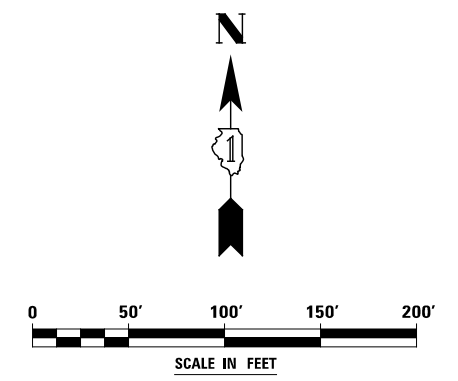
**NOTES**

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2. SIGN LOCATIONS MAY VARY BASED ON FIELD CONDITIONS.
3. ALL POST-MOUNTED SIGNS SHALL BE MOUNTED ON TELESCOPING POLES IN ACCORDANCE WITH HIGHWAY STANDARD 728001 UNLESS OTHERWISE NOTED.
4. ALL PERMANENT PAVEMENT MARKING ON PCC PAVEMENT SHALL BE POLYUREA PAVEMENT MARKING, TYPE I AND ON HMA PAVEMENT SHALL BE THERMOPLASTIC PAVEMENT MARKING OF THE TYPE SPECIFIED IN THE PAVEMENT MARKING LEGEND.



**SIGN LEGEND**

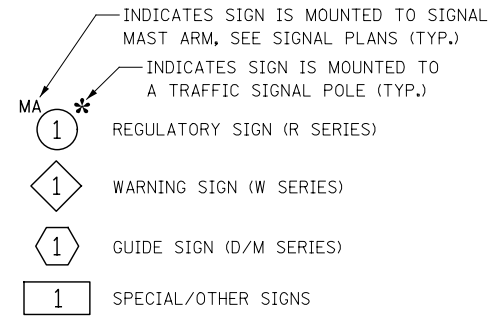
- 1B STOP R1-1-36
- 14 R4-7-3036
- 18 R3-18-36
- 25 R3-8-3630
- 4 W4-2R-36
- 4 JCT M2-1-3021
- 11 TO Country Farm Dr D-SPECIAL-2430
- 2A SPEED LIMIT 40 R2-1-3036 (40 MPH)
- 14A R4-7-2430
- 24 R3-5L-3036
- 27 R8-3-24
- 23 Diehl Rd D3-1-3612
- 12 RELOCATE SIGN PANEL ASSEMBLY - TYPE A SPECIAL SERVICE LODGING
- 24 Country Lakes Dr D-3-8412



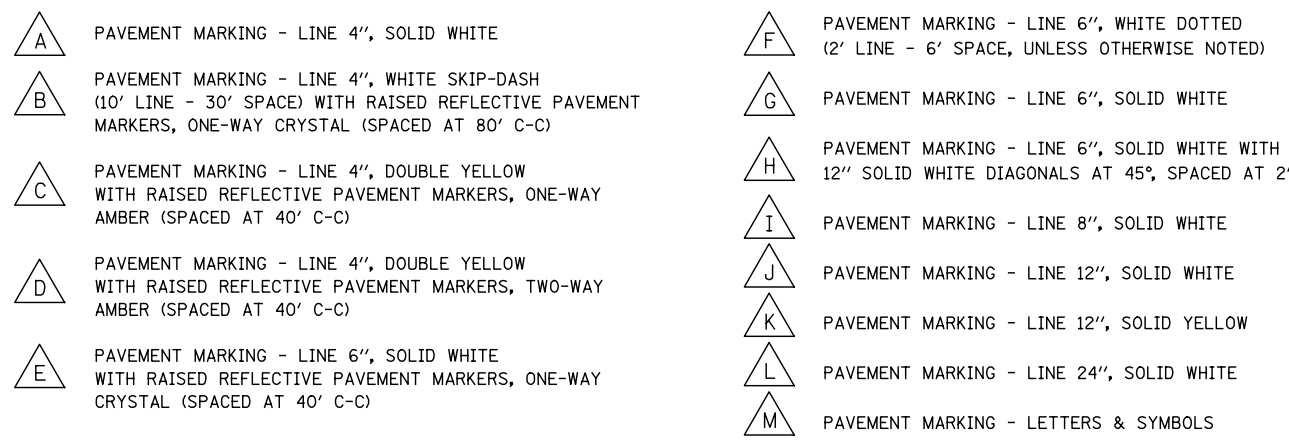
	DESIGNED <i>PJO</i>	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>PAVEMENT MARKING AND SIGNING - DIEHL ROAD</b>	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
	DRAWN <i>KES</i>	REVISED -			338	(112 & 113) WRS-6	DUPAGE	734	375	
	CHECKED <i>JCM</i>	REVISED -			CONTRACT NO. 60R31					
	DATE <i>12/14/2012</i>	REVISED -			ILLINOIS FED. AID PROJECT					
					SCALE: AS SHOWN		SHEET NO. 7 OF 9 SHEETS		STA. 582+00 TO STA. 595+00	



**SYMBOL LEGEND**

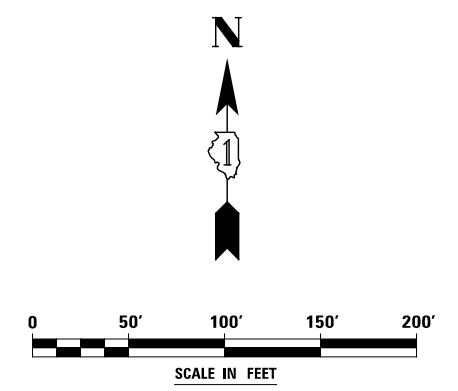
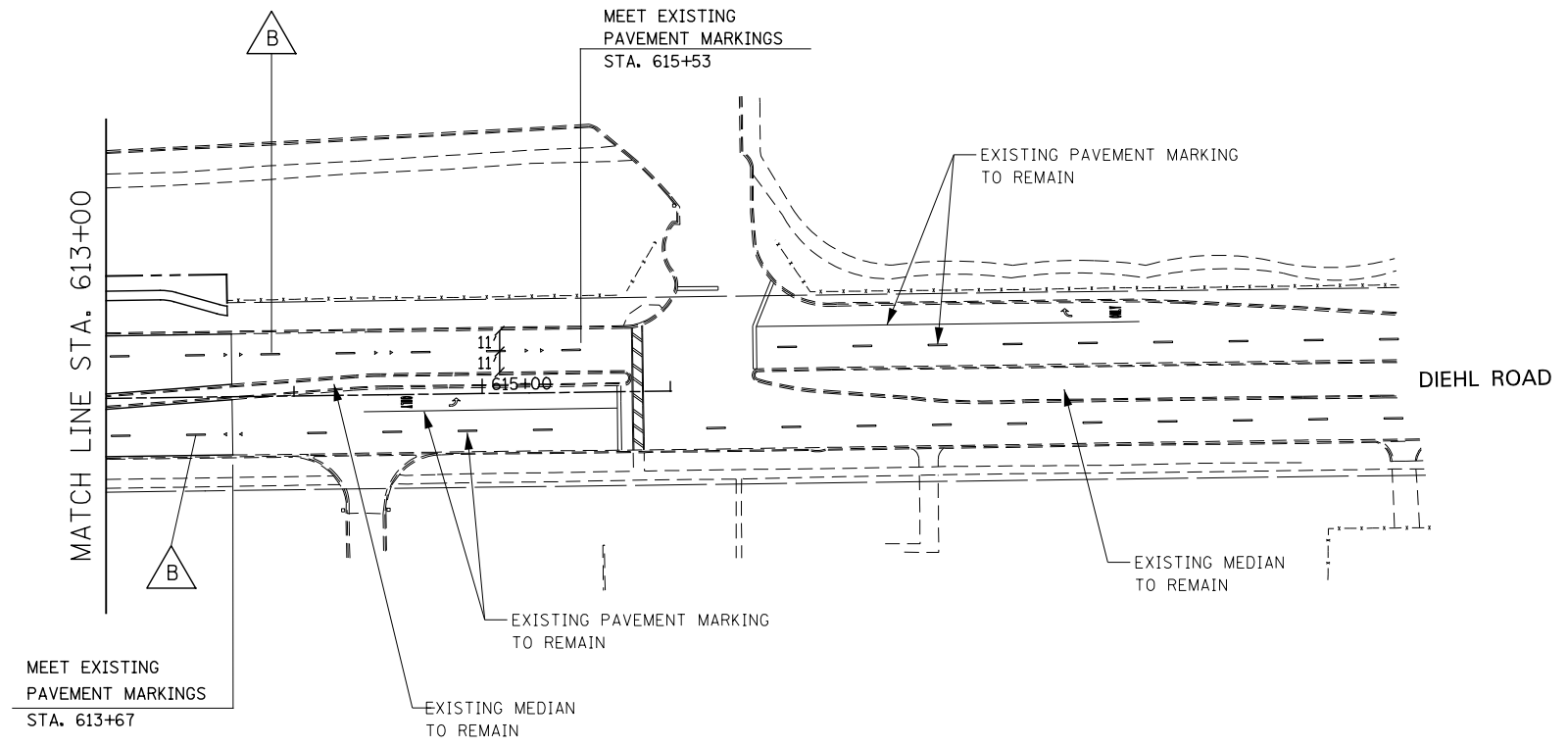


**PAVEMENT MARKING LEGEND (SEE NOTE 5)**



**NOTES**

1. PAVEMENT MARKINGS AND RAISED REFLECTIVE PAVEMENT MARKERS 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 POST-MOUNTED SIGNS SHALL BE MOUNTED ON TELESCOPING POLES IN ACCORDANCE WITH HIGHWAY STANDARD 728001 UNLESS OTHERWISE NOTED.
4. ALL EXISTING SIGNS EAST OF STA. 613+00 ARE TO REMAIN. SIGNS ARE NOT SHOWN.
5. ALL PERMANENT PAVEMENT MARKING ON PCC PAVEMENT SHALL BE POLYUREA PAVEMENT MARKING, TYPE I AND ON HMA PAVEMENT SHALL BE THERMOPLASTIC PAVEMENT MARKING OF THE TYPE SPECIFIED IN THE PAVEMENT MARKING LEGEND.





DESIGNED	PJO	REVISED	-	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>PAVEMENT MARKING AND SIGNING - DIEHL ROAD</b>	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
DRAWN	KES	REVISED	-			338	(112 & 113) WRS-6	DUPAGE	734	377
CHECKED	JCM	REVISED	-			CONTRACT NO. 60R31				
DATE	12/14/2012	REVISED	-			ILLINOIS FED. AID PROJECT				
				SCALE: AS SHOWN		SHEET NO. 9 OF 9 SHEETS		STA. 613+00 TO STA. 615+53		




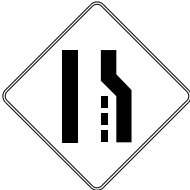



WARNING SIGNS (W)


1  W3-5-36


2  W2-2L-36  
W16-8-368


3  W14-2-30


4  W4-2R-36

5  W11-8-30

6  W2-2R-36  
W16-8-248

7  W2-2-36  
W16-8-248


8  W2-1-36  
W16-8a-4815


9  W9-2L-36


10 NOT USED


11 NOT USED

GUIDE SIGNS (M) & (D)

1  M3-1-2412  
M1-1100-24

2  M3-1-2412  
M1-1100-24

3  M1-1100-24  
M6-4-2115

4  M2-1-3021  
M1-1100-36

5 NOT USED

6 NOT USED


7 NOT USED


8 NOT USED


9 NOT USED


10 NOT USED


11 NOT USED


12  D3-1-9018


13  D3-1-4212


14  D3-1-4212


15  D3-1-4812


16  D3-1-4212


17  D3-2-9030


18  D3-2-9030


19  D3-2-7218


20  D3-1-5412

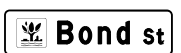
21  D3-1-6612


22  D3-1-7212

23  D3-1-3612

24  D3-1-8412

25  D3-1-4412

26  D3-1-4412

27  D3-1-6012

28 NOT USED




29 NOT USED

30 NOT USED

31 NOT USED

32 NOT USED

33 NOT USED

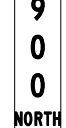
34  D11-1-2418  
 M6-3-129  
 M6-4-129


35 NOT USED


36 NOT USED


37 NOT USED

38 NOT USED

39  RELOCATE SIGN PANEL ASSEMBLY - TYPE A D10-SPECIAL-1236

40  RELOCATE SIGN PANEL ASSEMBLY - TYPE A D10-SPECIAL-1248

41  RELOCATE SIGN PANEL ASSEMBLY - TYPE A D10-SPECIAL-1248

42  RELOCATE SIGN PANEL ASSEMBLY - TYPE A D10-SPECIAL-1248

SPECIAL USE SIGNS

1 NOT USED

2 NOT USED

3

RELOCATE SIGN PANEL ASSEMBLY - TYPE B I1-II07a "5 STAR WINDOW"

4 NOT USED

5 NOT USED

6 NOT USED

7

RELOCATE SIGN PANEL TO TRAFFIC SIGNAL POLE SPECIAL-CHURCH-3624

8

RELOCATE SIGN PANEL TO PROPOSED LIGHT POLE SPECIAL-NEIGHBORHOOD-24

9 NOT USED

10 NOT USED

11

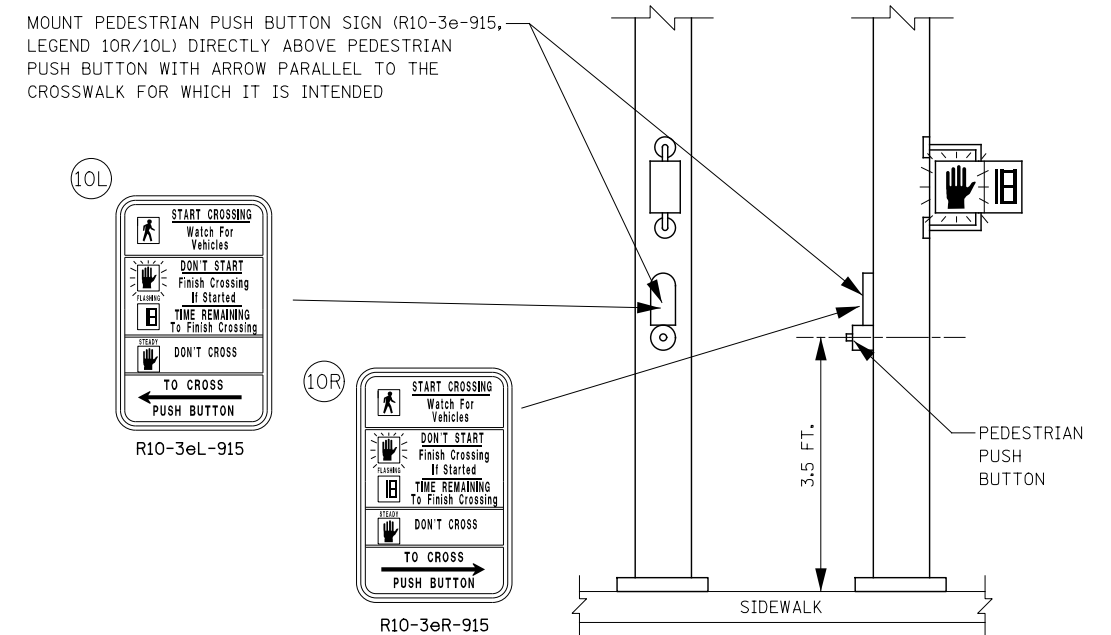
RELOCATE SIGN PANEL ASSEMBLY - TYPE A D-SPECIAL-2430

12

RELOCATE SIGN PANEL ASSEMBLY - TYPE A SPECIAL SERVICE LODGING ASSEMBLY

13

RELOCATE SIGN PANEL ASSEMBLY - TYPE B SPECIAL-NALCO-6036



PEDESTRIAN PUSH BUTTON SIGN MOUNT DETAIL  
NOT TO SCALE

DESIGNED	PJO	REVISED	-
DRAWN	KES	REVISED	-
CHECKED	JCM	REVISED	-
DATE	12/14/2012	REVISED	-

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

**SIGNING LEGEND  
SPECIAL USE SIGNS**

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

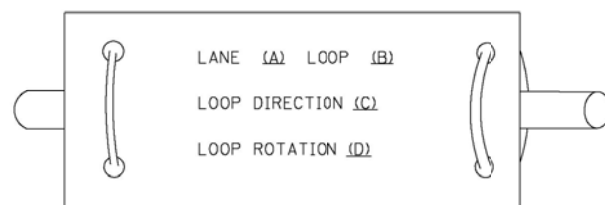
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
338	(112 & 113) WRS-6	DUPAGE	734	380
CONTRACT NO. 60R31				
ILLINOIS FED. AID PROJECT				



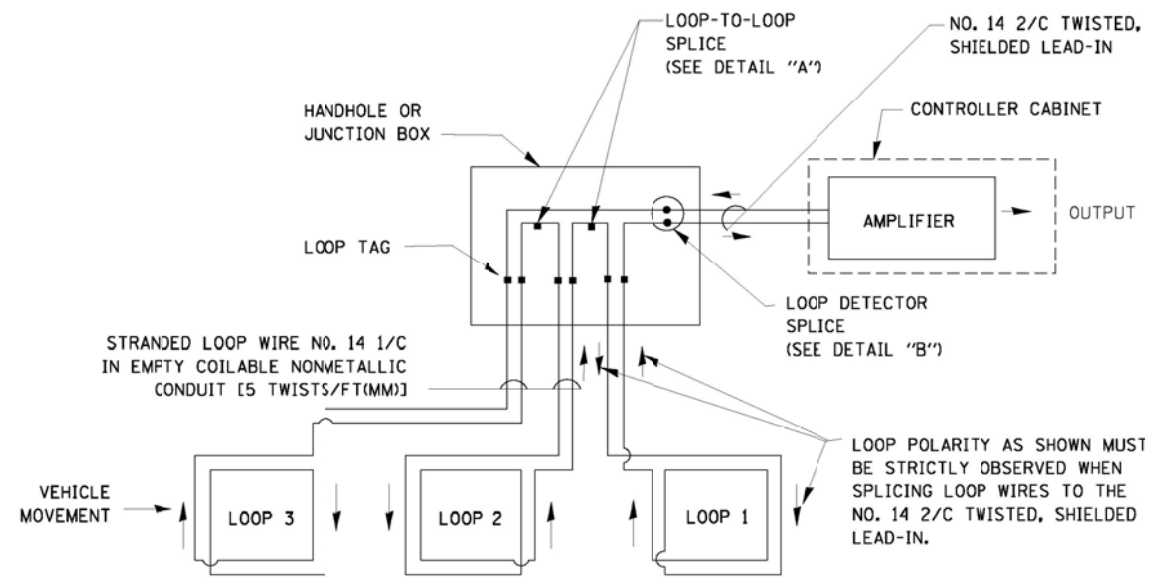
### LOOP DETECTOR NOTES

- EACH PAIR OF LOOP WIRES SHALL BE PLACED IN A SEPARATE EMPTY COILABLE NONMETALLIC CONDUIT FROM THE EDGE OF PAVEMENT TO THE HANDHOLE. SPACING BETWEEN THE HOLES DRILLED IN THE PAVEMENT SHALL NOT BE LESS THAN 6" (150 mm). EMPTY COILABLE NONMETALLIC CONDUIT SHALL BE INCLUDED IN THE COST OF THE LOOP WIRE.
- THE NUMBER OF LOOP TURNS SHALL BE AS RECOMMENDED BY THE AMPLIFIER MANUFACTURER. ALL ADJACENT SIDES OF THE LOOPS SHALL BE INSTALLED IN SUCH A WAY THAT THE CURRENT FLOW IS IN THE SAME DIRECTION TO REINFORCE ITS MAGNETIC FIELDS FOR SMALL VEHICLE DETECTION.
- EACH LOOP LEAD-IN SHALL BE IDENTIFIED AND PERMANENTLY TAGGED IN THE HANDHOLE. EACH LEAD-IN CABLE TAG SHALL INDICATE THE LOCATION OF THE LOOP, LOOP ROTATION (CLOCKWISE/COUNTERCLOCKWISE), LOOP LEAD-IN DIRECTION (IN OR OUT), LOOP CABLE NUMBER AND LOCATION IN CABINET, AND NUMBER OF TURNS IN THE DETECTOR LOOPS IN WATER PROOF INK AS INDICATED ON THE DISTRICT 1 STANDARD TRAFFIC SIGNAL DESIGN DETAIL. THE CONTRACTOR SHALL MARK LOOP LOCATIONS ON RECORD DRAWINGS AND PRESENT TO THE ENGINEER AFTER FINAL INSPECTION. LOOPS SHALL BE MARKED BY LANE AND LOOP NUMBER. SEE DETAIL BELOW.
- ALL LOOP CABLE SHALL BE FASTENED WITH PLASTIC TIE WRAP TO THE HANDHOLE HOOKS.
- IN ASPHALT PAVEMENT, LOOPS SHOULD BE PLACED IN THE BINDER AND 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.
- 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.
- 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

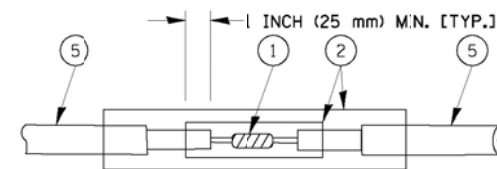


- LANE 1 IS THE LANE CLOSEST TO THE CENTERLINE OF THE ROADWAY
- LOOP #1 IS THE LOOP IN THE LANE CLOSEST TO THE INTERSECTION.
- LABEL LOOP CABLE "IN" OR LOOP CABLE "OUT".
- LABEL LOOP CABLE CLOCKWISE OR LOOP CABLE COUNTERCLOCKWISE.

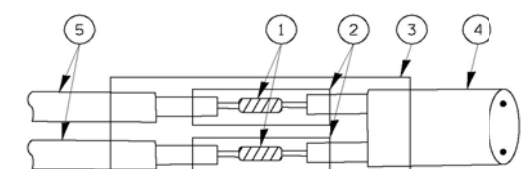


#### DETECTOR LOOP WIRING SCHEMATIC

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

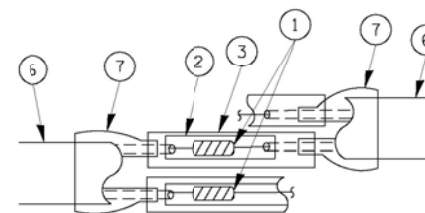


DETAIL "A"  
LOOP-TO-LOOP SPLICE

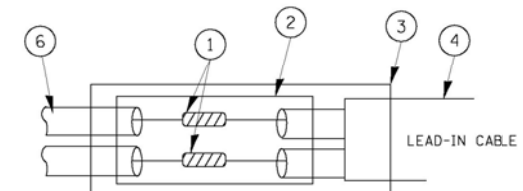


DETAIL "B"  
LOOP-TO-CONTROLLER SPLICE

#### TYPE I LOOP



DETAIL "A"  
LOOP-TO-LOOP SPLICE



DETAIL "B"  
LOOP-TO-CONTROLLER SPLICE

#### LOOP DETECTOR SPLICE

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

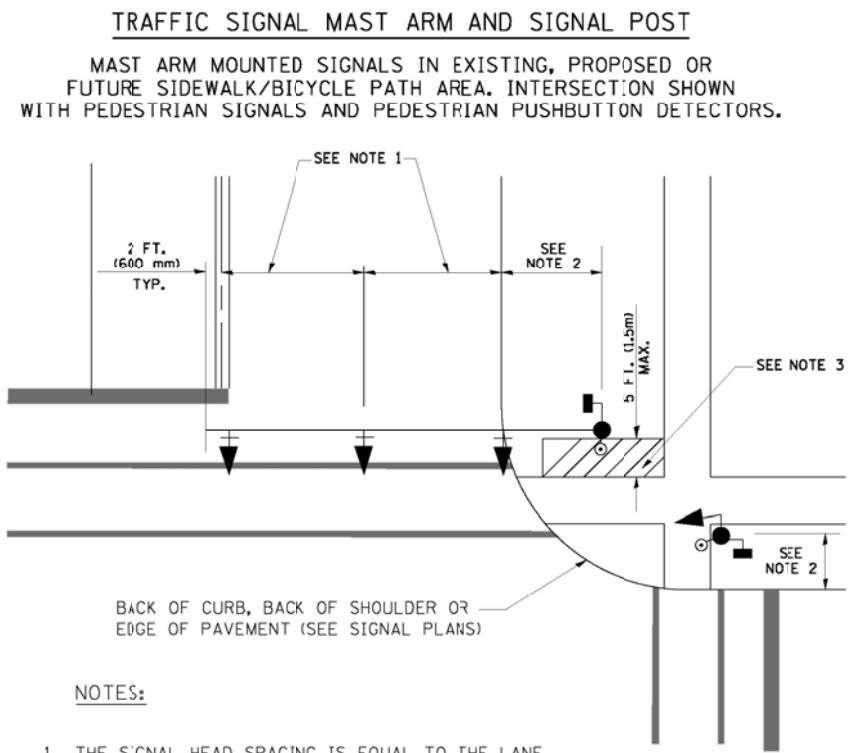
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	PLOT DATE = 12/6/2012	DATE -	REVISED -

STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION

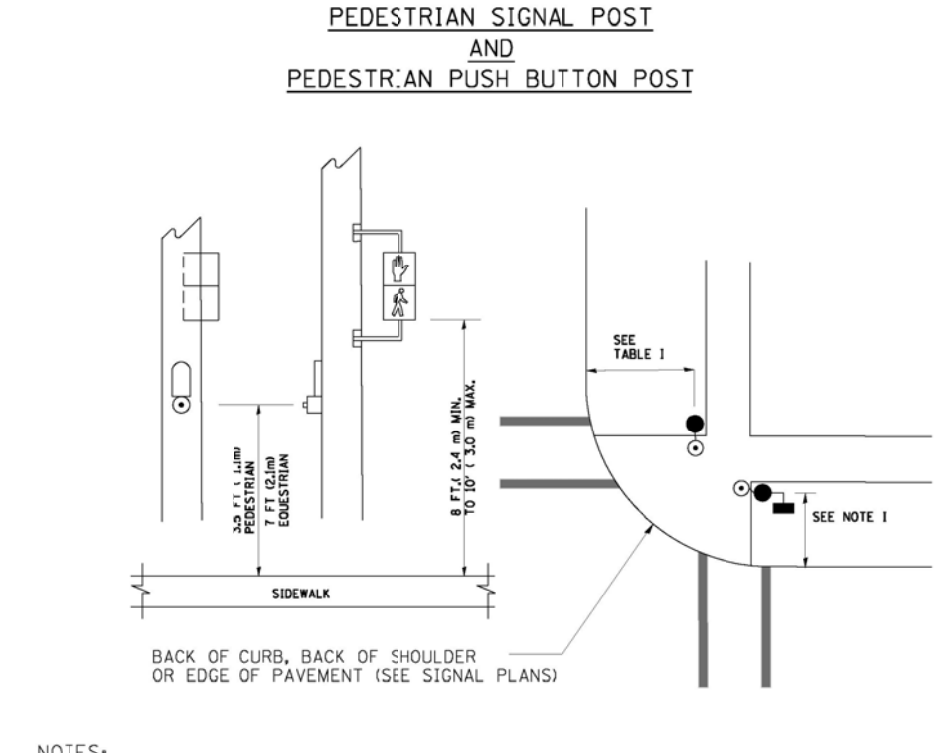
DISTRICT ONE - STANDARD TRAFFIC SIGNAL DESIGN DETAILS

SCALE: N.T.S. SHEET NO. 1 OF 6 SHEETS STA. TO STA.

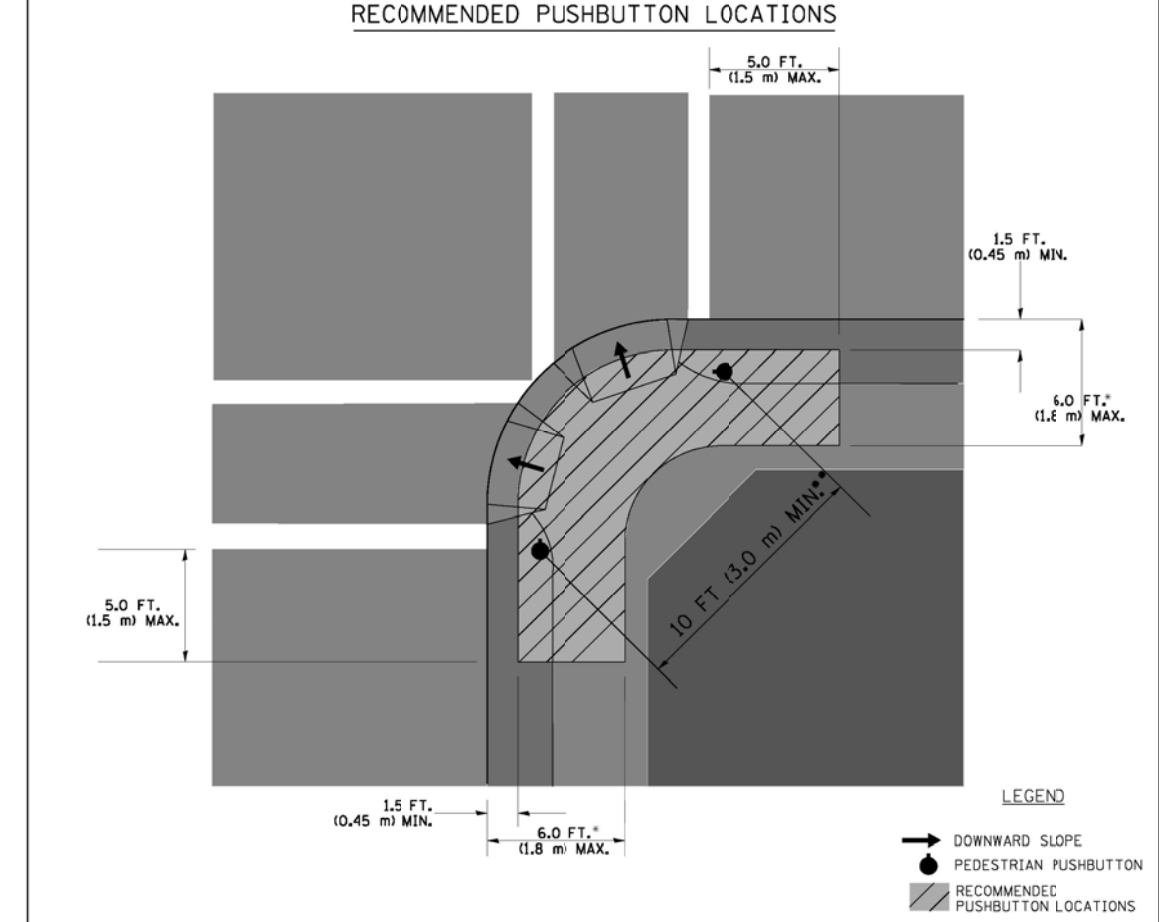
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
338	(112 & 113) WRS-6	DUPAGE	734	382
TS-2			CONTRACT NO. 60R31	
ILLINOIS FED. AID PROJECT				



- NOTES:**
1. THE SIGNAL HEAD SPACING IS EQUAL TO THE LANE WIDTH OR AS SHOWN ON THE TRAFFIC SIGNAL PLAN.
  2. REFER TO THE TRAFFIC SIGNAL EQUIPMENT OFFSET TABLE.
  3. PROVIDE A LEVEL ALL-WEATHER SURFACE (CONCRETE SIDEWALK, ASPHALT BICYCLE PATH SURFACE OR MATCHING MATERIAL TO THE ADJACENT SURFACE) UP TO THE MAST ARM SHAFT OR THE SIGNAL POST.
  4. THE FACE OF THE PEDESTRIAN PUSHBUTTON SHALL BE PARALLEL TO THE CROSSWALK TO BE USED.
  5. THE LOCATIONS AND INSTALLATION OF PEDESTRIAN SIGNAL HEADS AND PEDESTRIAN PUSHBUTTONS SHALL MEET THE REQUIREMENTS OF THE MUTCD AND INFORMATION FOUND IN THE "AMERICANS WITH DISABILITIES ACT ACCESSIBILITY GUIDELINES FOR BUILDINGS AND FACILITIES."



- NOTES:**
1. REFER TO THE TRAFFIC SIGNAL EQUIPMENT OFFSET TABLE.
  2. PROVIDE A LEVEL ALL-WEATHER SURFACE (CONCRETE SIDEWALK, ASPHALT BICYCLE PATH SURFACE OR MATCHING MATERIAL TO THE ADJACENT SURFACE) UP TO THE PEDESTRIAN SIGNAL POST OR THE PEDESTRIAN PUSH BUTTON POST.
  3. THE FACE OF THE PEDESTRIAN PUSHBUTTON SHALL BE PARALLEL TO THE CROSSWALK TO BE USED.
  4. THE LOCATIONS AND INSTALLATION OF PEDESTRIAN SIGNAL HEADS AND PEDESTRIAN PUSHBUTTONS SHALL MEET THE REQUIREMENTS OF THE MUTCD AND INFORMATION FOUND IN THE "AMERICANS WITH DISABILITIES ACT ACCESSIBILITY GUIDELINES FOR BUILDINGS AND FACILITIES."



- WHERE THERE ARE CONSTRAINTS THAT MAKE IT IMPRACTICAL TO PLACE THE PEDESTRIAN PUSHBUTTON BETWEEN 1.5 FT (0.45 m) AND 6 FT (1.8 m) FROM THE EDGE OF THE CURB, SHOULDER, OR PAVEMENT, IT SHOULD NOT BE FURTHER THAN 10 FT (3 m) FROM THE EDGE OF CURB, SHOULDER, OR PAVEMENT.
- WHERE THERE ARE CONSTRAINTS ON A PARTICULAR CORNER THAT MAKE IT IMPRACTICAL TO PROVIDE THE 10 FT (3 m) SEPERATION BETWEEN THE TWO PEDESTRIAN PUSHBUTTONS, THE PUSHBUTTONS MAY BE PLACED CLOSER TOGETHER OR ON THE SAME POLE.

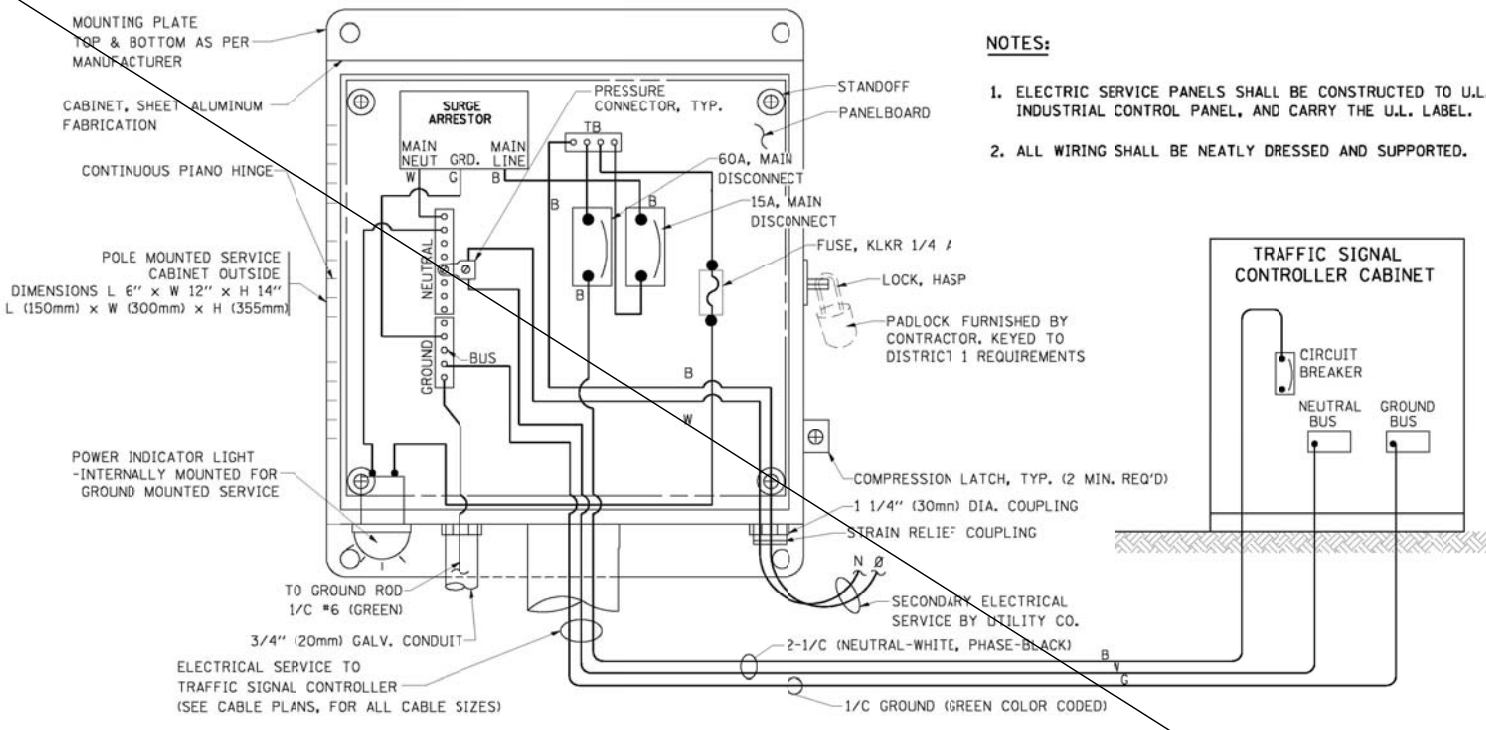
- NOTES:**
1. PEDESTRIAN SIGNAL HEADS SHALL BE MOUNTED WITH THE BOTTOM OF THE SIGNAL HOUSING INCLUDING BRACKETS NOT LESS THAN 8 FT (2.4 m) OR MORE THAN 10 FT (3 m) ABOVE SIDEWALK LEVEL, AND SHALL BE POSITIONED AND ADJUSTED TO PROVIDE MAXIMUM VISIBILITY AT THE BEGINNING OF THE CONTROLLED CROSSWALK.
  2. THE BOTTOM OF THE SIGNAL HOUSING (INCLUDING BRACKETS) OF A VEHICULAR SIGNAL FACE THAT IS NOT LOCATED OVER A HIGHWAY SHALL BE AT LEAST 8 FT (2.4 m) BUT NOT MORE THAN 19 FT (5.8 m) ABOVE THE SIDEWALK OR, IF THERE IS NO SIDEWALK, ABOVE THE PAVEMENT GRADE AT THE CENTER OF THE ROADWAY.
  3. THE BOTTOM OF THE SIGNAL HOUSING AND ANY RELATED ATTACHMENTS TO A SIGNAL FACE LOCATED OVER ANY PORTION OF A HIGHWAY SHALL BE ACCORDING TO CURRENT STATE STANDARDS 877001, 877002, 877006, 877011 AND 877012 WITH A MINIMUM OF 16 FT (5.0 m) AND A MAXIMUM OF 18 FT. (5.5 m) FROM THE HIGHEST POINT OF PAVEMENT.
  4. THE BOTTOM OF THE TEMPORARY SPAN WIRE MOUNTED SIGNAL HOUSING AND ANY RELATED ATTACHMENTS TO A SIGNAL FACE LOCATED OVER ANY PORTION OF A HIGHWAY SHALL BE ACCORDING TO CURRENT STATE STANDARD 880001 WITH A MINIMUM OF 17 FT (5.18 m) FROM THE HIGHEST POINT OF PAVEMENT.
  5. THE TOP OF THE SIGNAL HOUSING OF A SIGNAL FACE LOCATED OVER ANY PORTION OF A HIGHWAY SHALL NOT BE MORE THAN 25.6 FT (7.8 m) ABOVE THE PAVEMENT.

### TRAFFIC SIGNAL EQUIPMENT OFFSET

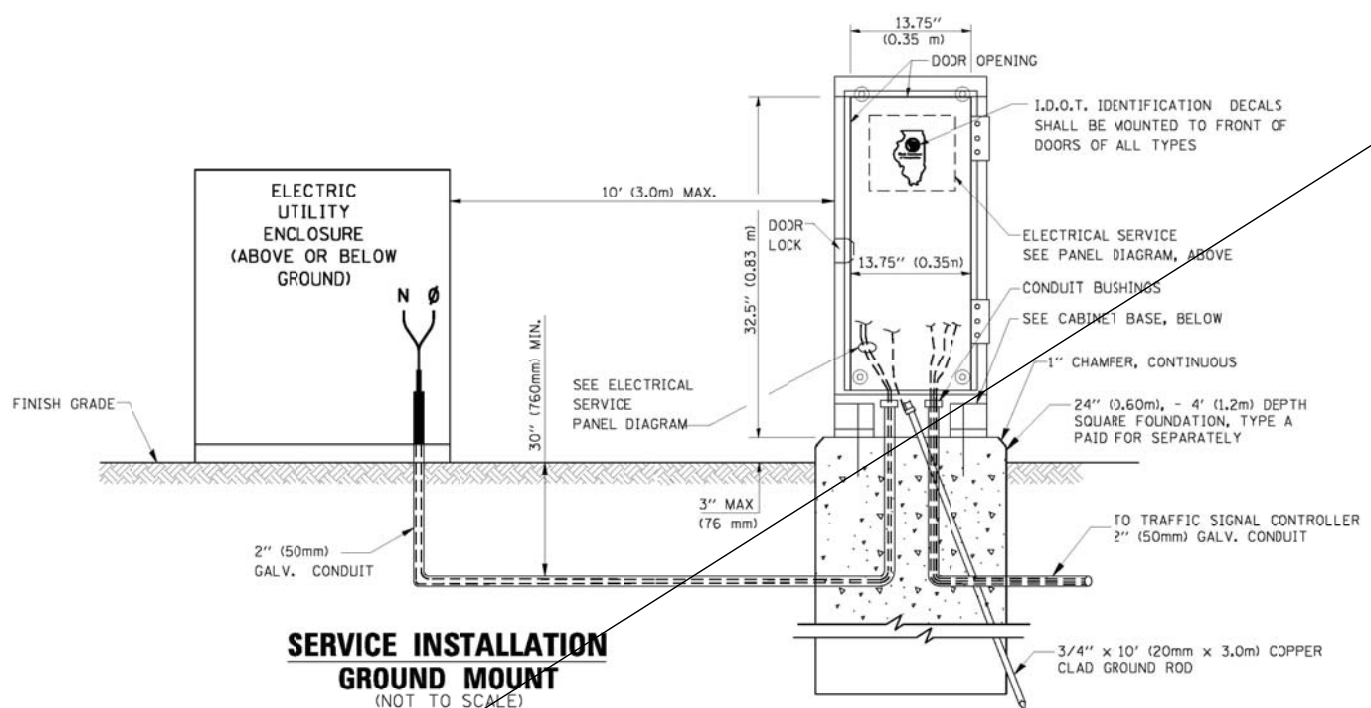
TRAFFIC SIGNAL EQUIPMENT	COMBINATION CONCRETE CURB AND GUTTER (MINIMUM DISTANCE FROM BACK OF CURB TO CENTERLINE OF FOUNDATION)	SHOULDER/NON-CURBED AREA (MINIMUM DISTANCE FROM EDGE OF PAVEMENT TO CENTERLINE OF FOUNDATION)
TRAFFIC SIGNAL MAST ARM POLE	6 FT (1.8m)	SHOULDER WIDTH + 2 FT (0.6m), MINIMUM 10 FT (3.0m)
TRAFFIC SIGNAL POST	4 FT (1.2m)	SHOULDER WIDTH + 2 FT (0.6m), MINIMUM 10 FT (3.0m)
PEDESTRIAN SIGNAL POST	4 FT (1.2m)	SHOULDER WIDTH + 2 FT (0.6m), MINIMUM 10 FT (3.0m)
PEDESTRIAN PUSHBUTTON POST	4 FT (1.2m)	SHOULDER WIDTH + 2 FT (0.6m), MINIMUM 10 FT (3.0m)
TEMPORARY WOOD POLE	6 FT (1.8m)	SHOULDER WIDTH + 2 FT (0.6m), MINIMUM 10 FT (3.0m)
CONTROLLER CABINET	6 FT (1.8m) MINIMUM DISTANCE SEE NOTE 2	SHOULDER WIDTH + 6 FT (1.8m), MINIMUM 16 FT (4.9m) SEE NOTE 3.
SERVICE INSTALLATION, GROUND MOUNT	6 FT (1.8m) MINIMUM DISTANCE SEE NOTE 2	SHOULDER WIDTH + 6 FT (1.8m), MINIMUM 16 FT (4.9m) SEE NOTE 3.

- NOTES:**
1. CONTACT THE "AREA TRAFFIC SIGNAL MAINTENANCE AND OPERATIONS ENGINEER" FOR ASSISTANCE IN LOCATING THE TRAFFIC SIGNAL EQUIPMENT WHEN THERE ARE CONFLICTS WITH DITCHES OR THE MINIMUM OFFSET DISTANCES CANNOT BE MET.
  2. MINIMUM DISTANCE FROM THE BACK OF CURB TO THE ROADWAY SIDE OF THE FOUNDATION.
  3. MINIMUM DISTANCE FROM THE EDGE OF PAVEMENT TO THE ROADWAY SIDE OF THE FOUNDATION.
  4. ANY CHANGES TO THE OFFSETS OF THE FOUNDATIONS, FROM THE MINIMUM DISTANCES LISTED IN THE "TRAFFIC SIGNAL EQUIPMENT OFFSET" CHART AND THE TRAFFIC SIGNAL INSTALLATION PLAN, COULD EFFECT THE PLACEMENT OF THE SIGNAL HEADS, PEDESTRIAN SIGNAL HEADS AND THE PEDESTRIAN PUSHBUTTONS. THE SIGNAL HEAD PLACEMENT ON THE MAST ARMS SHALL REMAIN AS PER THE TRAFFIC SIGNAL INSTALLATION PLAN AND THE "TRAFFIC SIGNAL MAST ARM AND SIGNAL POST" DETAIL ABOVE. THE PROPOSED MAST ARM LENGTHS MAY NEED TO BE REVISED TO MEET THE ABOVE REQUIREMENTS. THE PEDESTRIAN SIGNAL HEADS AND PEDESTRIAN PUSHBUTTONS MUST MEET THE REQUIREMENTS UNDER THE DETAILS ON THIS SHEET.

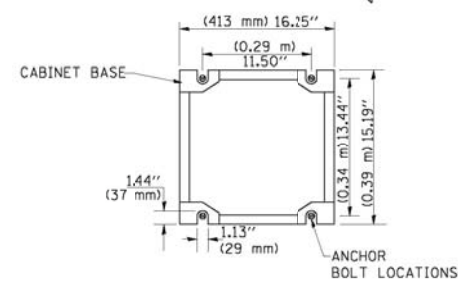




**ELECTRICAL SERVICE - PANEL DIAGRAM (TYPICAL FOR POLE AND GROUND MOUNTED SERVICE)**  
**SERVICE INSTALLATION POLE MOUNT (SHOWN)**  
 NOT TO SCALE

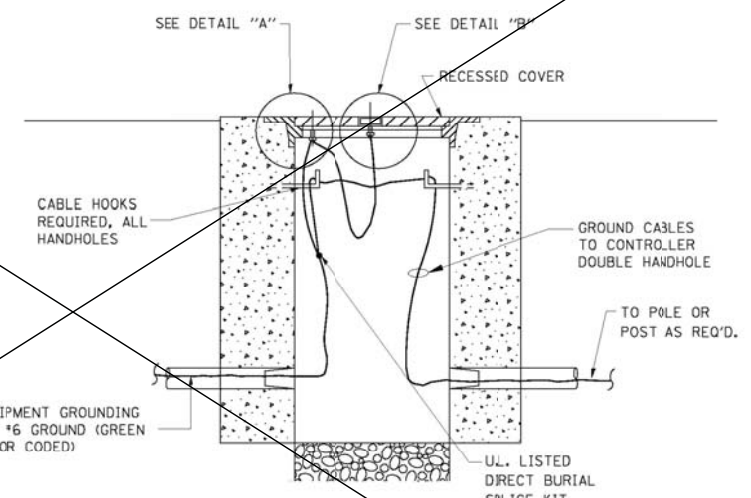
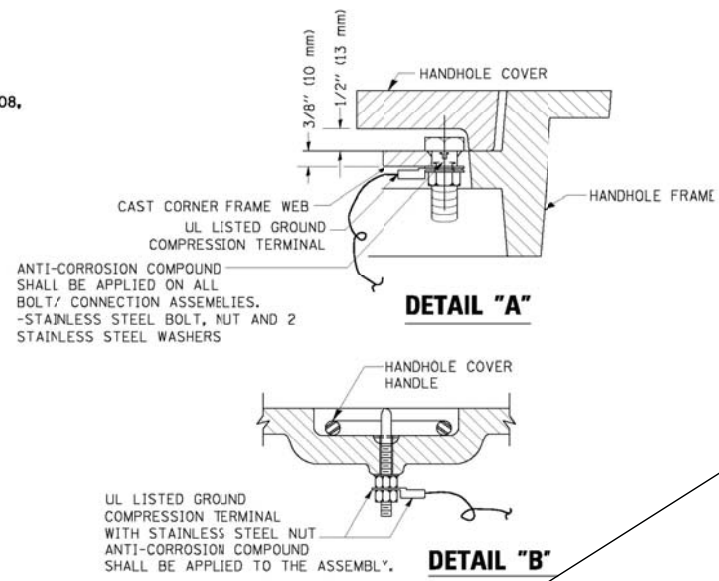


**SERVICE INSTALLATION GROUND MOUNT**  
 (NOT TO SCALE)

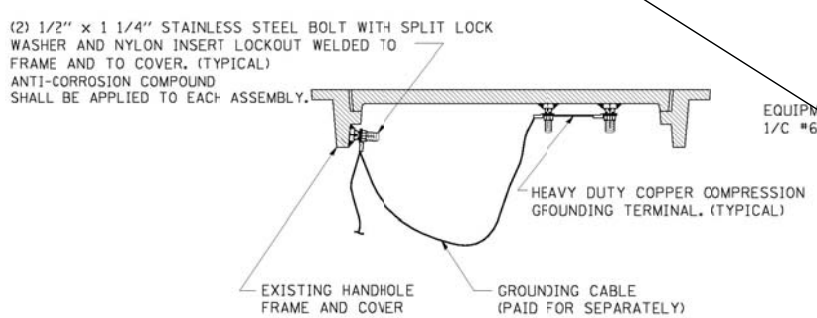


**CABINET - BASE BOLT PATTERN**  
 (NOT TO SCALE)

- NOTES:**
1. ELECTRIC SERVICE PANELS SHALL BE CONSTRUCTED TO U.L. STD 508, INDUSTRIAL CONTROL PANEL, AND CARRY THE U.L. LABEL.
  2. ALL WIRING SHALL BE NEATLY DRESSED AND SUPPORTED.

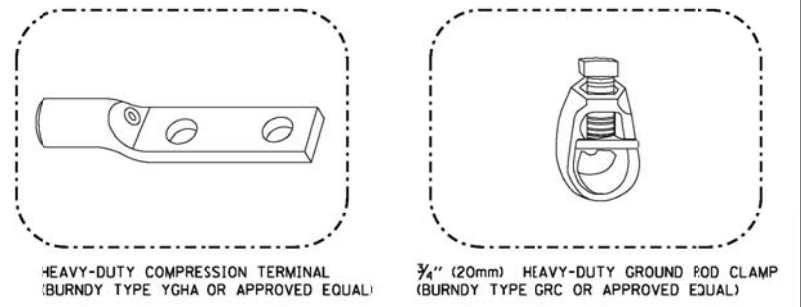


**HANDHOLE COVER & FRAME - GROUNDING DETAIL**  
 (NOT TO SCALE)

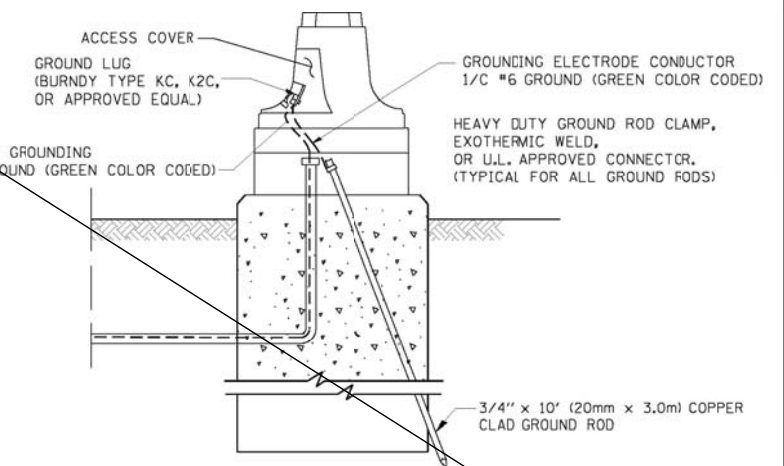


**EXISTING HANDHOLE COVER & FRAME - GROUNDING DETAIL**  
 (NOT TO SCALE)

- NOTES:**
- GROUNDING SYSTEM**
1. THE GROUNDING SYSTEM SHALL CONSIST OF AN INSULATED CONDUCTOR TYPE XLP, NO. 6 A.W.G., STRANDED COPPER TO BE INSTALLED IN RACEWAYS. THE GROUNDING CABLE SHALL BE INSTALLED IN A CONTINUOUS MANNER AS SHOWN ON THE CABLE PLAN PROVIDED. ALL GROUNDING CONDUCTORS SHALL BE BONDED TO METAL ENCLOSURE (HANDHOLE, POST, MAST ARM, CONTROLLER, ETC.) GROUND ROD SHALL BE 3/4\"/>
  2. THE NEUTRAL CONDUCTOR AND THE GROUND CONDUCTOR SHALL BE CONNECTED IN THE SERVICE INSTALLATION. AT NO OTHER POINT IN THE TRAFFIC SIGNAL SYSTEM SHALL THE NEUTRAL AND GROUND CONDUCTORS BE CONNECTED.
  3. ALL EQUIPMENT GROUNDING CONDUCTORS SHALL TERMINATE AT THE GROUND BUS IN THE CONTROLLER CABINET.
  4. THE CONTRACTOR SHALL PROVIDE A GROUND CABLE WITH CONNECTORS BETWEEN THE HANDHOLE COVER AND HANDHOLE FRAME.



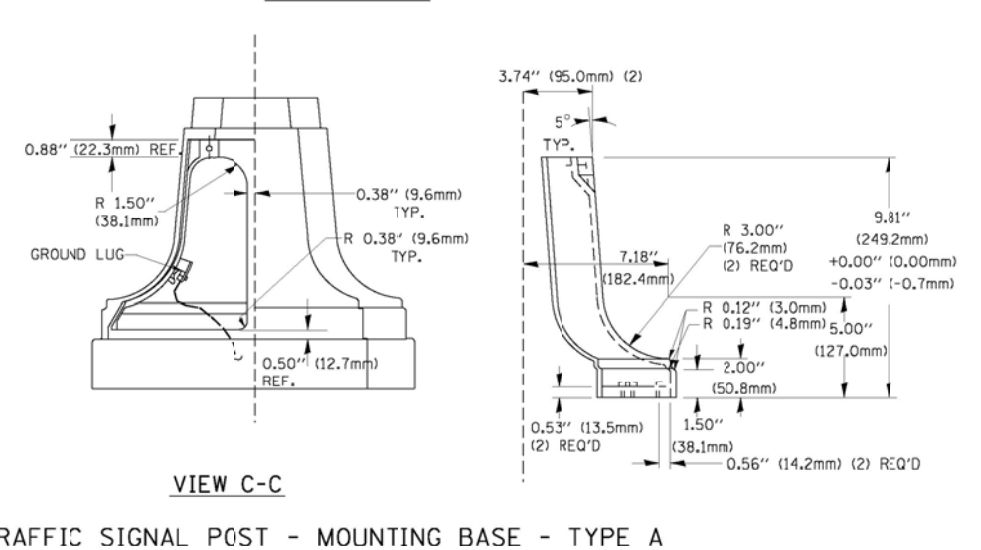
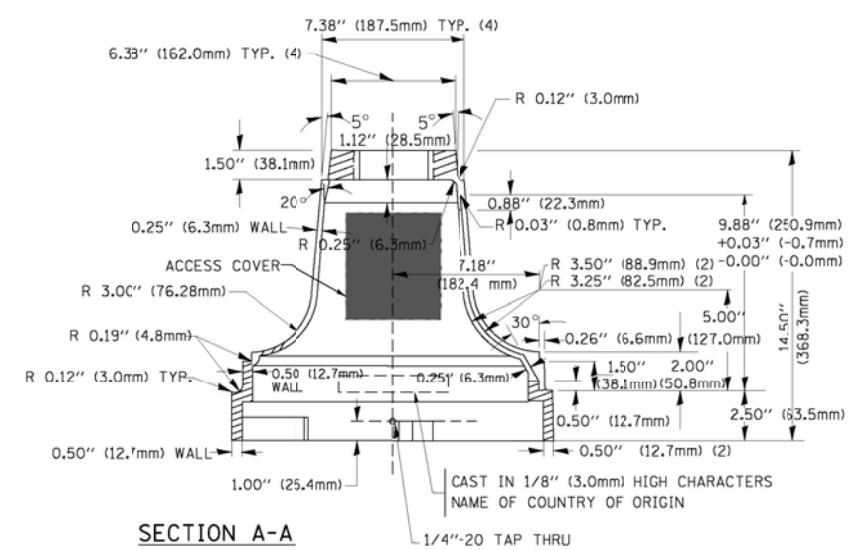
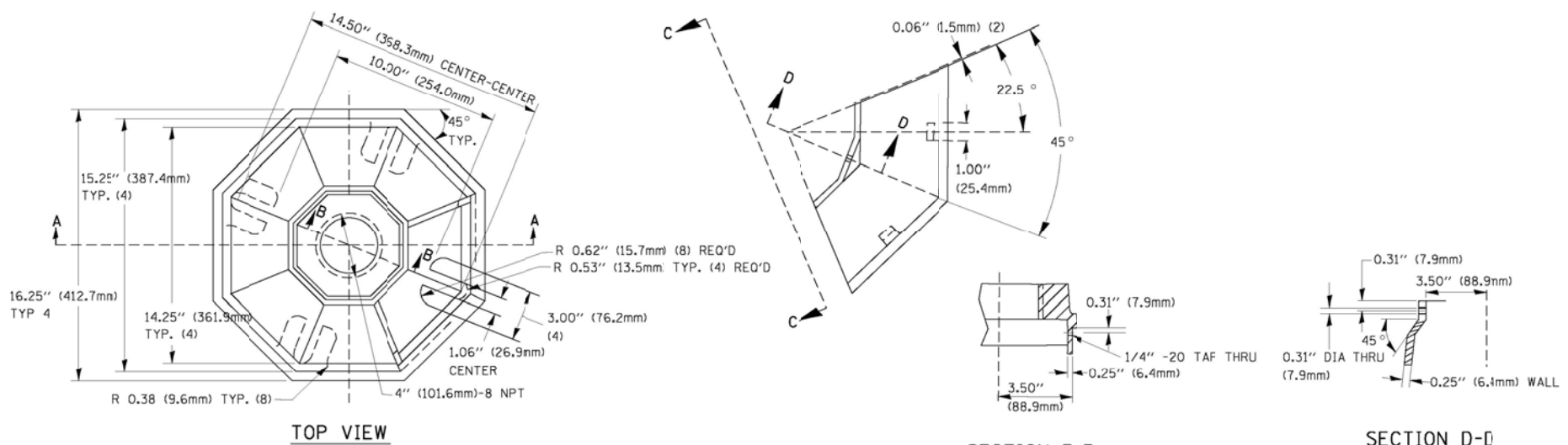
- NOTES:**
- ALL CLAMPS SHALL BE BRONZE OR COPPER, U.L. APPROVED.
  - GROUND CABLE SHALL BE LOOPED OVER HOOKS IN THE HANDHOLES 6.5' (2.0m) SLACK SHALL BE PROVIDED IN SINGLE HANDHOLES 13' (4.0m) OF SLACK SHALL BE PROVIDED IN DOUBLE HANDHOLES. 5' (1.4m) OF SLACK SHALL BE PROVIDED BETWEEN FRAME AND COVER.



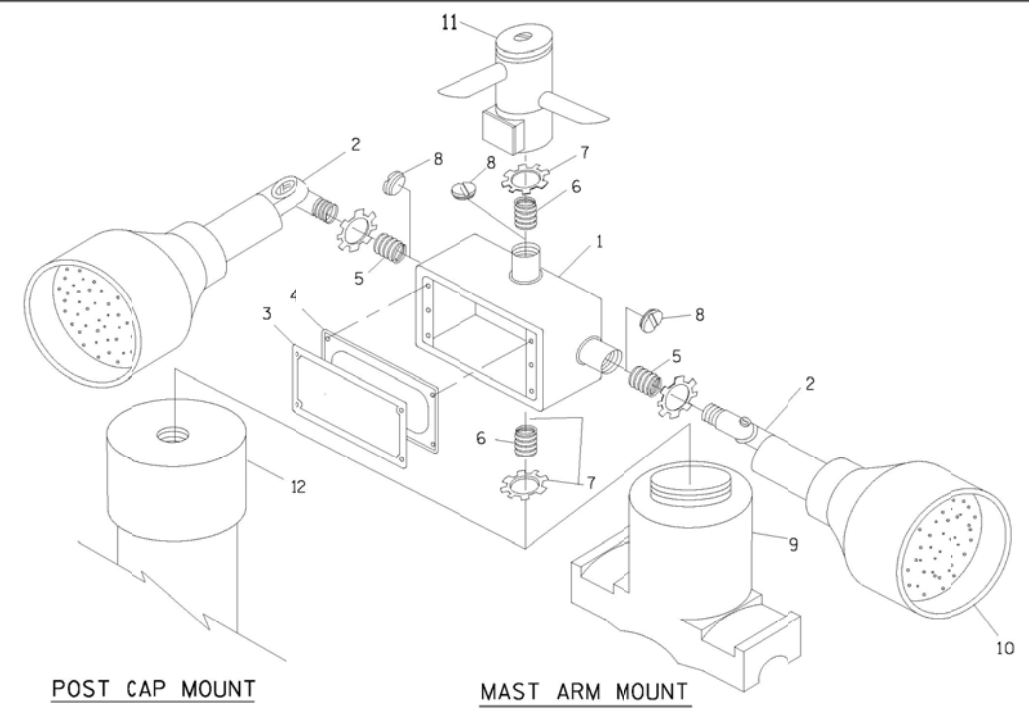
**MAST ARM POLE / POST-GROUNDING DETAIL**  
 (NOT TO SCALE)

FOR BRUCE LANE/BROOKDALE ROAD SIGNAL SEE TS-41  
 FOR DIEHL ROAD SIGNAL SEE TS-40

FILE NAME = K:\Projects\090059\Design\Sheet Files\DDT DETAIL.dgn	USER NAME = \$USER\$	DESIGNED - DW	REVISED -	<b>STATE OF ILLINOIS</b> <b>DEPARTMENT OF TRANSPORTATION</b>	<b>DISTRICT ONE - STANDARD TRAFFIC SIGNAL DESIGN DETAILS</b>	F.A. RTE. = 338	SECTION = (112 & 113) WRS-6	COUNTY = DUPAGE	TOTAL SHEETS = 734	SHEET NO. = 384	
PLOT SCALE = \$SCALE\$	CHECKED - KMM	REVISED -	SCALE: N.T.S.			SHEET NO. 3 OF 6 SHEETS	STA. TO STA.	<b>TS-4</b>		CONTRACT NO. 60R31	
PLOT DATE = 12/10/2012	DATE -	REVISED -				ILLINOIS FED. AID PROJECT					



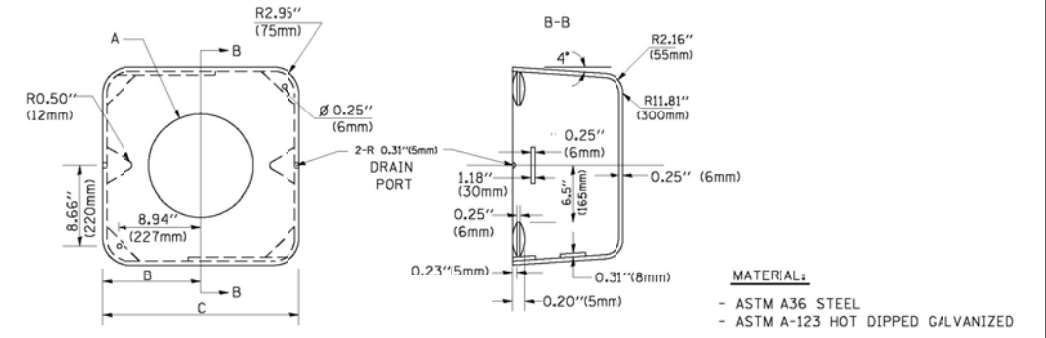
TRAFFIC SIGNAL POST - MOUNTING BASE - TYPE A



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) LOCKNJT
8	3/4\"(19 mm) HOLE PLUG
9	SADDLE BRACKET - GALV.
10	6 WATT PAR 38 LED FLOOD LAMP
11	DETECTOR UNIT
12	POST CAP [18 FT. (5.4 m) POST MIN.]

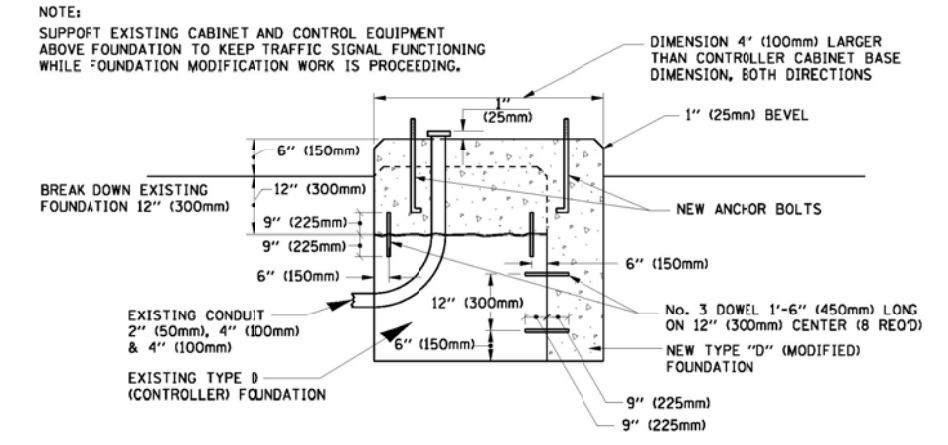
- NOTES:**
- ALL ELECTRICAL ITEMS, EXCEPT ITEMS #2 AND #11 SHALL BE ALUMINUM OR GALVANIZED
  - ITEM #1- OZ/GEDNEY FSX-1-50 OR EQUIVALENT  
 ITEM #2- MULBERRY CON-O-SHADE LAMP SHIELD OR EQUIVALENT  
 ITEM #9- "BAND-IT" SADDLE BRACKET OR EQUIVALENT
  - WHEN POST MOUNTING IS SPECIFIED, ITEM #9 SHALL NOT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



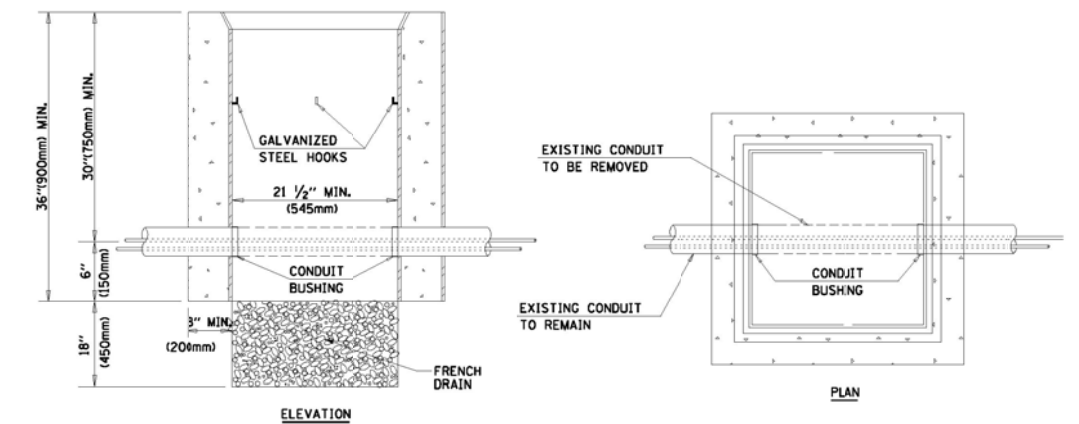
A	B	C	HEIGHT	WEIGHT
VARIABLES	9.5\"(241mm)	19\"(483mm)	7\"(178mm) - 12\"(300mm)	53 lbs (24kg)
VARIABLES	10.75\"(273mm)	21.5\"(546mm)	7\"(178mm) - 12\"(300mm)	68 lbs (31 kg)
VARIABLES	13.0\"(330mm)	26\"(660mm)	7\"(178mm) - 12\"(300mm)	81 lbs (37 kg)
VARIABLES	18.5\"(470mm)	37\"(940mm)	7\"(178mm) - 12\"(300mm)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

SHROUD

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



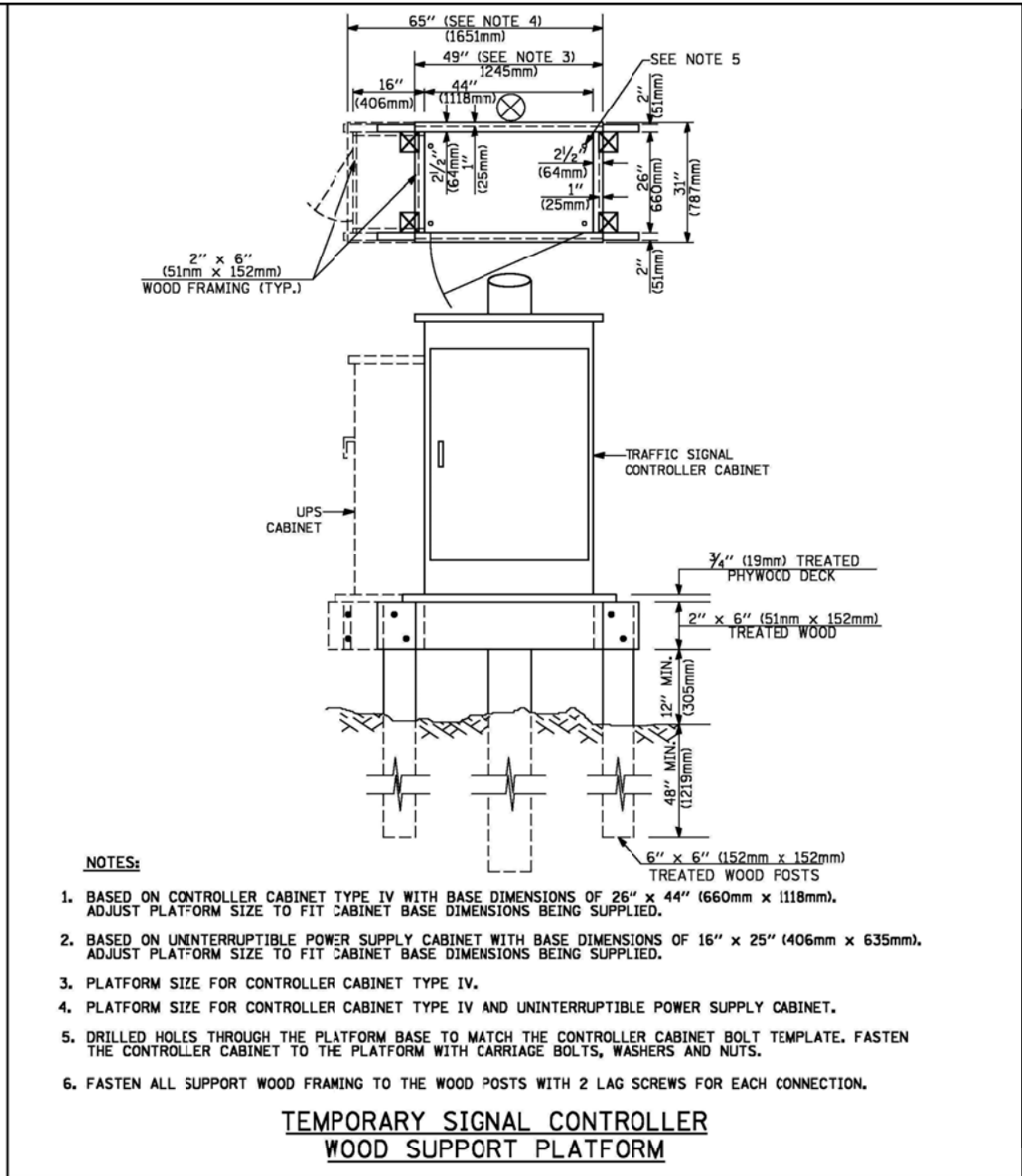
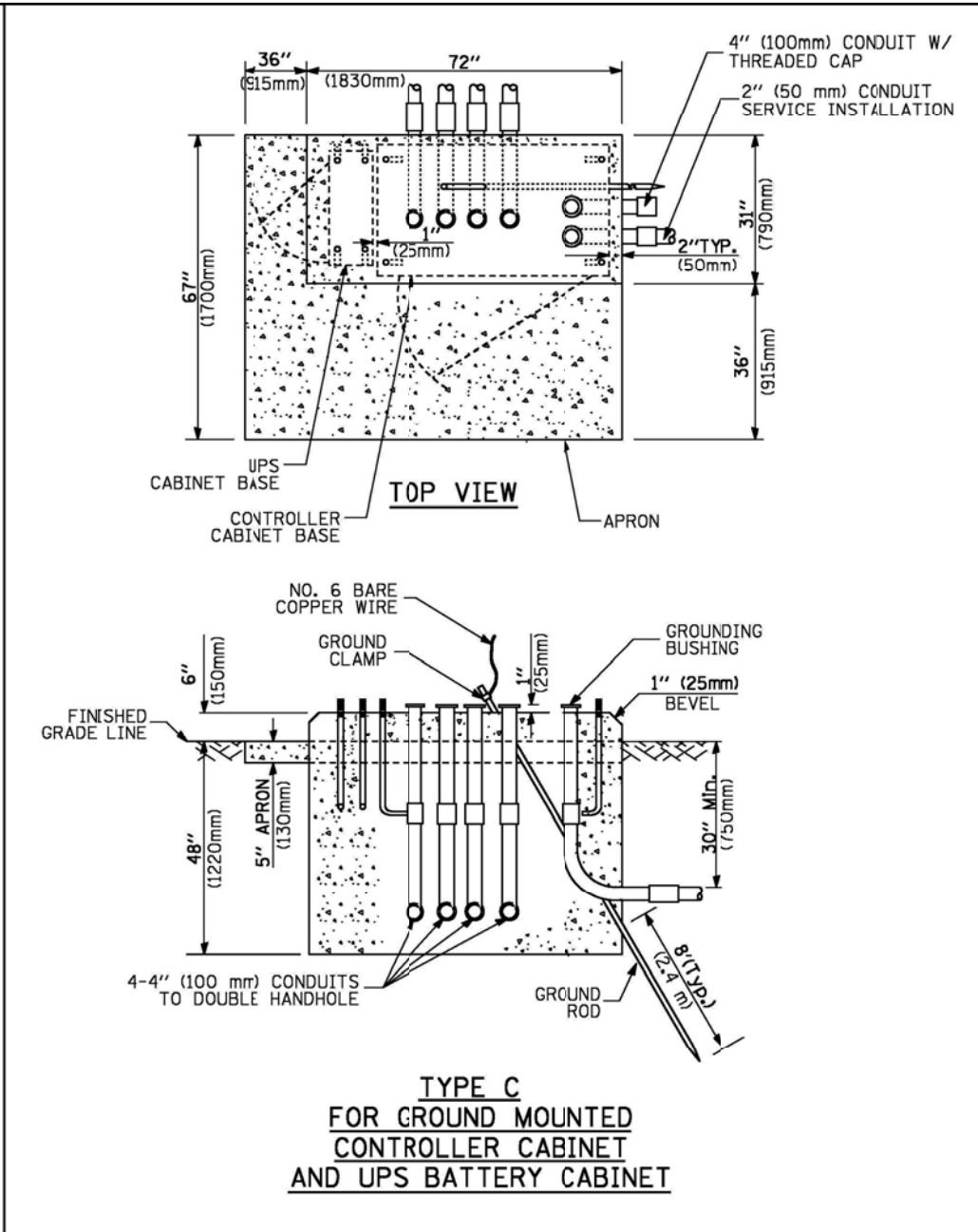
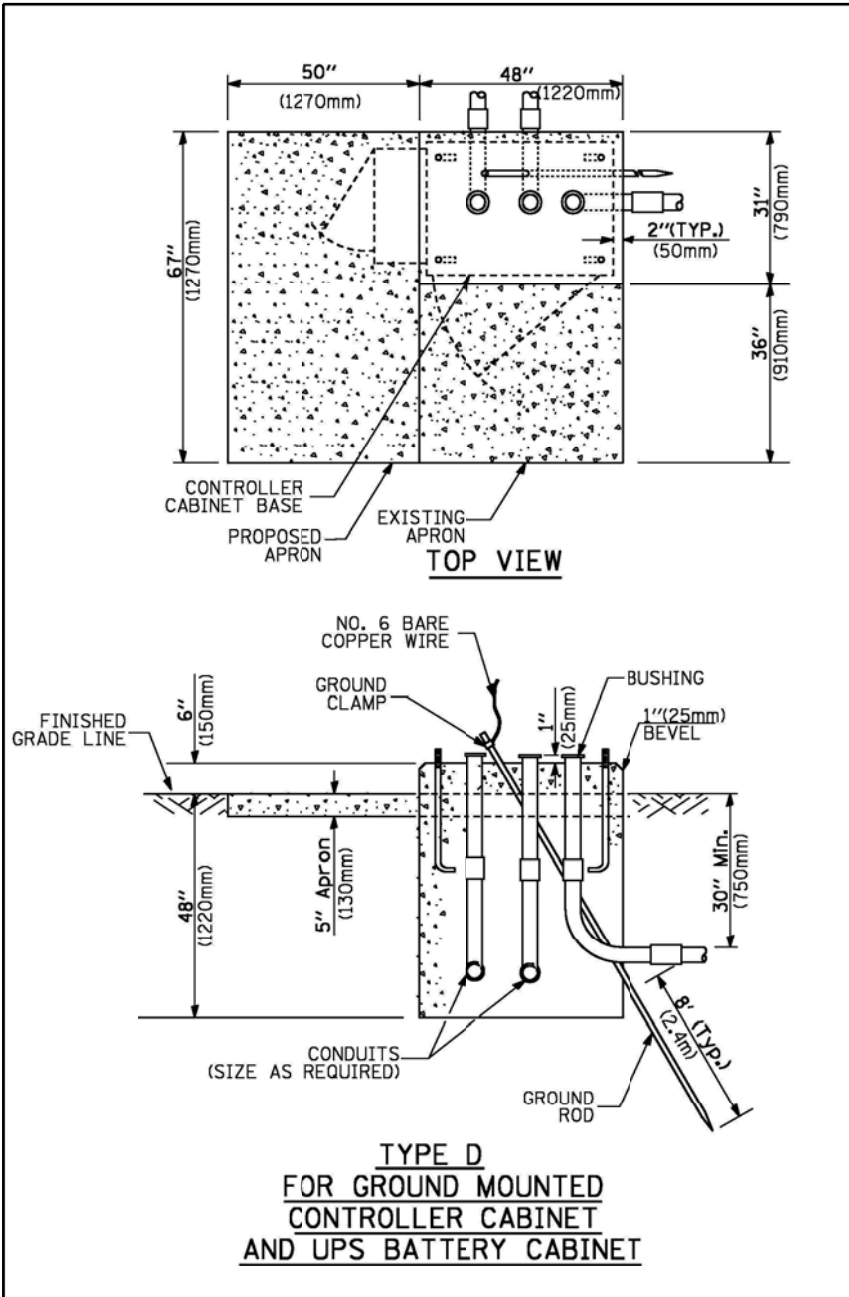
MODIFY EXISTING TYPE "D" FOUNDATION



- NOTES:**
- HANDHOLE CONSTRUCTED PER STATE STANDARD 814001.
  - REMOVAL OF THE EXISTING CONDUIT FROM THE HANDHOLE AND THE INSTALLATION OF THE CONDUIT BUSHINGS SHALL BE INCIDENTAL TO THE HANDHOLE.

HANDHOLE TO INTERCEPT EXISTING CONDUIT





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

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

**CABLE SLACK**

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

**VERTICAL CABLE LENGTH**

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

**DEPTH OF FOUNDATION**

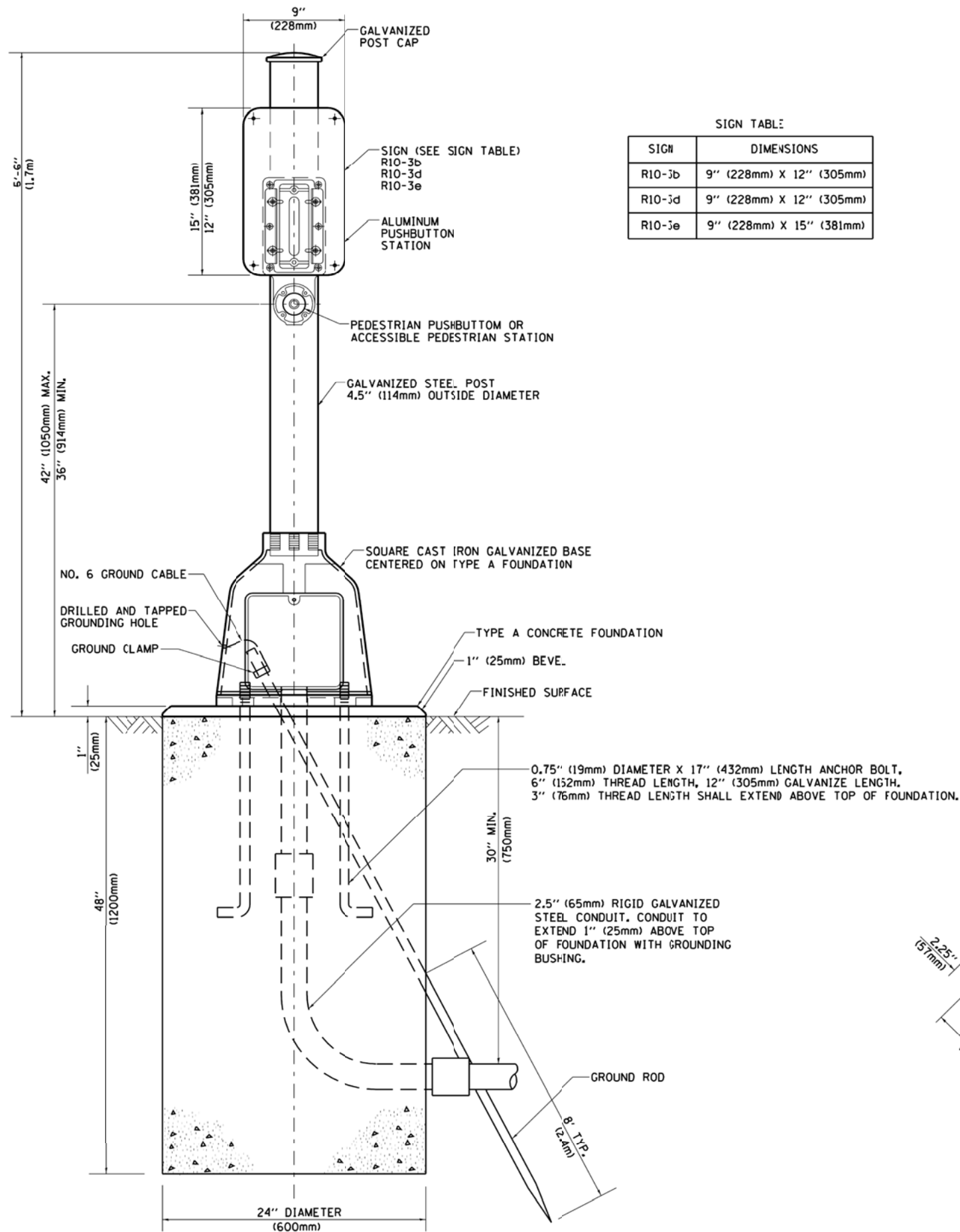
MAST ARM LENGTH	① FOUNDATION DEPTH	FOUNDATION DIAMETER	SPIRAL DIAMETER	QUANTITY OF REBARS	SIZE OF REBARS
Less than 30' (9.1 m)	10'-0" (3.0 m)	30" (750mm)	24" (600mm)	8	6(19)
Greater than or equal to 30' (9.1 m) and less than 40' (12.2 m)	13'-6" (4.1 m)	30" (750mm)	24" (600mm)	8	6(19)
Greater than or equal to 40' (12.2 m) and less than 50' (15.2 m)	11'-0" (3.4 m)	36" (900mm)	30" (750mm)	12	7(22)
Greater than or equal to 50' (15.2 m) and up to 55' (16.8 m)	13'-0" (4.0 m)	36" (900mm)	30" (750mm)	12	7(22)
Greater than or equal to 55' (16.8 m) and up to 65' (19.8 m)	15'-0" (4.6 m)	36" (900mm)	30" (750mm)	12	7(22)
Greater than or equal to 65' (19.8 m) and less than 75' (22.9 m)	21'-0" (6.4 m)	42" (1060mm)	36" (900mm)	16	8(25)
Greater than or equal to 75' (22.9 m)	25'-0" (7.6 m)	42" (1060mm)	36" (900mm)	16	8(25)

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

**DEPTH OF MAST ARM FOUNDATIONS, TYPE E**

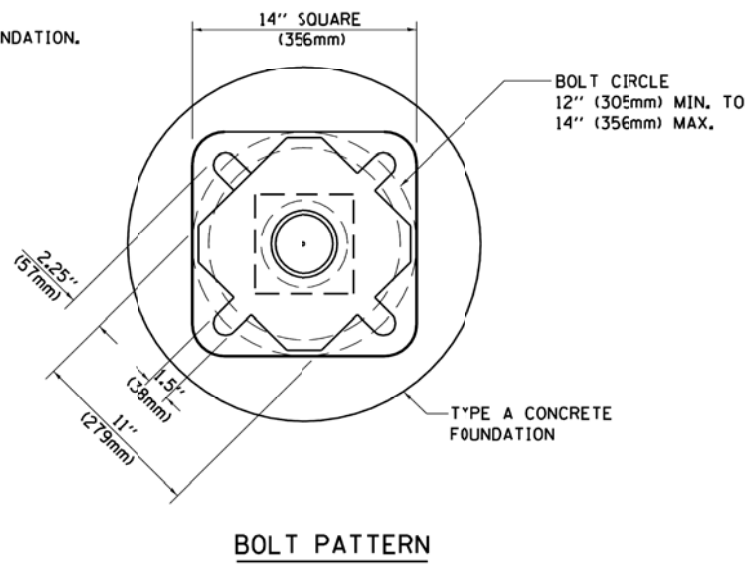
# TRAFFIC SIGNAL LEGEND

ITEM	REMOVAL	EXISTING	PROPOSED	ITEM	REMOVAL	EXISTING	PROPOSED	ITEM	REMOVAL	EXISTING	PROPOSED																	
CONTROLLER CABINET				EMERGENCY VEHICLE LIGHT DETECTOR				ELECTRIC CABLE IN CONDUIT, TRACER, NO. 14 1/C, UNLESS NOTED OTHERWISE																				
RAILROAD CONTROL CABINET				CONFIRMATION BEACON				COAXIAL CABLE																				
COMMUNICATIONS CABINET				HANDHOLE				VENDOR CABLE FOR CAMERA																				
MASTER CONTROLLER				HEAVY DUTY HANDHOLE				COPPER INTERCONNECT CABLE, NO. 18 3 PAIR TWISTED, SHIELDED																				
MASTER MASTER CONTROLLER				DOUBLE HANDHOLE				FIBER OPTIC CABLE NO. 62.5/125, MM12F																				
UNINTERRUPTIBLE POWER SUPPLY				JUNCTION BOX				FIBER OPTIC CABLE NO. 62.5/125, MM12F SM12F																				
SERVICE INSTALLATION, (P) POLE OR (G) GROUND MOUNT				GALVANIZED STEEL CONDUIT IN TRENCH (T) OR PUSHED (P)				FIBER OPTIC CABLE NO. 62.5/125, MM12F (NUMBER OF FIBERS & TYPE TO BE NOTED ON PLANS)																				
TELEPHONE CONNECTION (P) POLE OR (G) GROUND MOUNT				TEMPORARY SPAN WIRE, TETHER WIRE, AND CABLE				GROUND ROD AT (C) CONTROLLER, (H) HANDHOLE, (P) POST, (M) MAST ARM, OR (S) SERVICE																				
STEEL MAST ARM ASSEMBLY AND POLE				COMMON TRENCH				CONTROLLER CABINET AND FOUNDATION TO BE REMOVED																				
ALUMINUM MAST ARM ASSEMBLY AND POLE				COILABLE NONMETALLIC CONDUIT (EMPTY)				STEEL MAST ARM POLE AND FOUNDATION TO BE REMOVED																				
STEEL COMBINATION MAST ARM ASSEMBLY AND POLE WITH LUMINAIRE				SYSTEM ITEM				ALUMINUM MAST ARM POLE AND FOUNDATION TO BE REMOVED																				
STEEL COMBINATION MAST ARM ASSEMBLY AND POLE WITH PTZ CAMERA				INTERSECTION ITEM				STEEL COMBINATION MAST ARM ASSEMBLY AND POLE WITH LUMINAIRE AND FOUNDATION TO BE REMOVED																				
SIGNAL POST				REMOVE ITEM				SIGNAL POST AND FOUNDATION TO BE REMOVED																				
TEMPORARY WOOD POLE (CLASS 5 OR BETTER) 45 FOOT (13.7m) MINIMUM				RELOCATE ITEM				INTERSECTION & SAMPLING (SYSTEM) DETECTOR																				
GUY WIRE				ABANDON ITEM				SAMPLING (SYSTEM) DETECTOR																				
SIGNAL HEAD				12" (300mm) TRAFFIC SIGNAL SECTION				EXISTING INTERSECTION LOOP DETECTOR																				
SIGNAL HEAD CONSTRUCTION STAGES (NUMBERS INDICATE THE CONSTRUCTION STAGE)				12" (300mm) RED WITH 8" (200mm) YELLOW AND GREEN TRAFFIC SIGNAL FACE				PROPOSED INTERSECTION AND SAMPLING (SYSTEM) DETECTOR																				
SIGNAL HEAD WITH BACKPLATE				SIGNAL FACE				EXISTING PREFORMED INTERSECTION LOOP DETECTOR																				
SIGNAL HEAD OPTICALLY PROGRAMMED				SIGNAL FACE WITH BACKPLATE. "P" INDICATES PROGRAMMED HEAD				PROPOSED INTERSECTION AND SAMPLING (SYSTEM) DETECTOR																				
FLASHER INSTALLATION (S DENOTES SOLAR POWER)				12" (300mm) PEDESTRIAN SIGNAL HEAD WALK/DON'T WALK SYMBOL				PREFORMED INTERSECTION AND SAMPLING (SYSTEM) DETECTOR																				
PEDESTRIAN SIGNAL HEAD				12" (300mm) PEDESTRIAN SIGNAL HEAD INTERNATIONAL SYMBOL, OUTLINED				PREFORMED SAMPLING (SYSTEM) DETECTOR																				
PEDESTRIAN PUSHBUTTON DETECTOR				12" (300mm) PEDESTRIAN SIGNAL HEAD INTERNATIONAL SYMBOL, SOLID				<h2>RAILROAD SYMBOLS</h2> <table border="1"> <thead> <tr> <th></th> <th>EXISTING</th> <th>PROPOSED</th> </tr> </thead> <tbody> <tr> <td>RAILROAD CONTROL CABINET</td> <td></td> <td></td> </tr> <tr> <td>RAILROAD CANTILEVER MAST ARM</td> <td></td> <td></td> </tr> <tr> <td>FLASHING SIGNAL</td> <td></td> <td></td> </tr> <tr> <td>CROSSING GATE</td> <td></td> <td></td> </tr> <tr> <td>CROSSBUCK</td> <td></td> <td></td> </tr> </tbody> </table>				EXISTING	PROPOSED	RAILROAD CONTROL CABINET			RAILROAD CANTILEVER MAST ARM			FLASHING SIGNAL			CROSSING GATE			CROSSBUCK		
	EXISTING	PROPOSED																										
RAILROAD CONTROL CABINET																												
RAILROAD CANTILEVER MAST ARM																												
FLASHING SIGNAL																												
CROSSING GATE																												
CROSSBUCK																												
ACCESSIBLE PEDESTRIAN PUSHBUTTON DETECTOR				PEDESTRIAN SIGNAL HEAD, INTERNATIONAL SYMBOL, WITH COUNTDOWN TIMER																								
ILLUMINATED SIGN "NO LEFT TURN"				RADIO INTERCONNECT																								
ILLUMINATED SIGN "NO RIGHT TURN"				RADIO REPEATER																								
DETECTOR LOOP, TYPE I				DENOTES NUMBER OF CONDUCTORS, ELECTRIC CABLE NO. 14, UNLESS NOTED OTHERWISE, ALL DETECTOR LOOP CABLE TO BE SHIELDED																								
PREFORMED DETECTOR LOOP				GROUND CABLE IN CONDUIT NO. 6 SOLID COPPER (GREEN)																								
MICROWAVE VEHICLE SENSOR																												
VIDEO DETECTION CAMERA																												
VIDEO DETECTION ZONE																												
PAN, TILT, ZOOM CAMERA																												
WIRELESS DETECTOR SENSOR																												
WIRELESS ACCESS POINT																												



SIGN TABLE

SIGN	DIMENSIONS
R10-3b	9" (228mm) X 12" (305mm)
R10-3d	9" (228mm) X 12" (305mm)
R10-3e	9" (228mm) X 15" (381mm)



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	PLOT DATE = 12/6/2012		

STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION

DISTRICT ONE - PEDESTRIAN PUSH BUTTON POST, TYPE A  
 SCALE: N.T.S. SHEET NO. 1 OF 1 SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
338	(112 & 113) WRS-6	DUPAGE	734	388
<b>TS- 8</b>			CONTRACT NO. 60R31	
ILLINOIS FED. AID PROJECT				



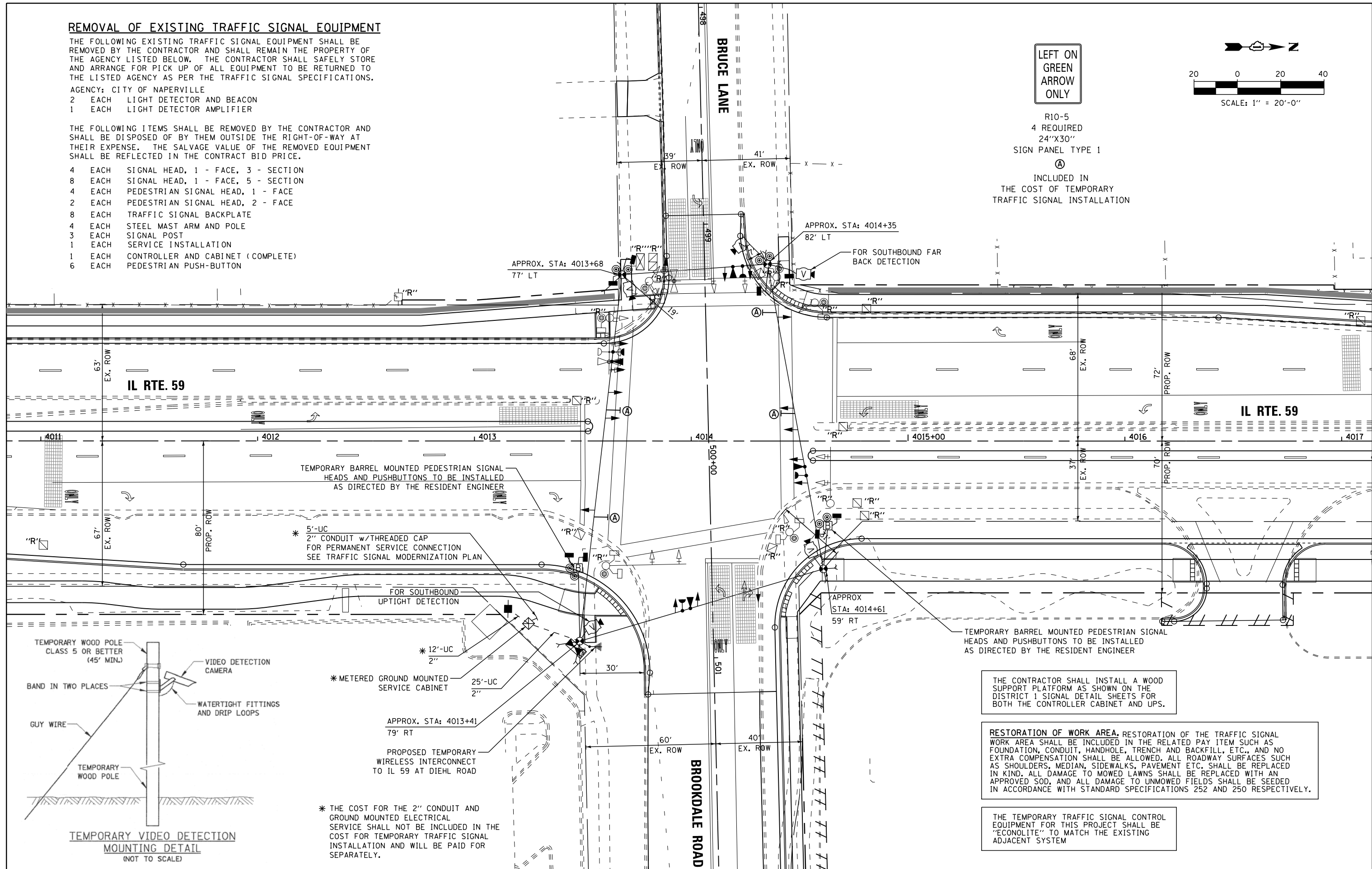
**REMOVAL OF EXISTING TRAFFIC SIGNAL EQUIPMENT**

THE FOLLOWING EXISTING TRAFFIC SIGNAL EQUIPMENT SHALL BE REMOVED BY THE CONTRACTOR AND 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: CITY OF NAPERVILLE  
 2 EACH LIGHT DETECTOR AND BEACON  
 1 EACH LIGHT DETECTOR AMPLIFIER

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.

- 4 EACH SIGNAL HEAD, 1 - FACE, 3 - SECTION
- 8 EACH SIGNAL HEAD, 1 - FACE, 5 - SECTION
- 4 EACH PEDESTRIAN SIGNAL HEAD, 1 - FACE
- 2 EACH PEDESTRIAN SIGNAL HEAD, 2 - FACE
- 8 EACH TRAFFIC SIGNAL BACKPLATE
- 4 EACH STEEL MAST ARM AND POLE
- 3 EACH SIGNAL POST
- 1 EACH SERVICE INSTALLATION
- 1 EACH CONTROLLER AND CABINET (COMPLETE)
- 6 EACH PEDESTRIAN PUSH-BUTTON



**LEFT ON GREEN  
 ARROW  
 ONLY**

R10-5  
 4 REQUIRED  
 24"X30"  
 SIGN PANEL TYPE 1  
 (A)  
 INCLUDED IN  
 THE COST OF TEMPORARY  
 TRAFFIC SIGNAL INSTALLATION

**IL RTE. 59**

**IL RTE. 59**

**BRUCE LANE**

**BROOKDALE ROAD**

TEMPORARY BARREL MOUNTED PEDESTRIAN SIGNAL HEADS AND PUSHBUTTONS TO BE INSTALLED AS DIRECTED BY THE RESIDENT ENGINEER

\* 5'-UC  
 2" CONDUIT w/THREADED CAP FOR PERMANENT SERVICE CONNECTION SEE TRAFFIC SIGNAL MODERNIZATION PLAN

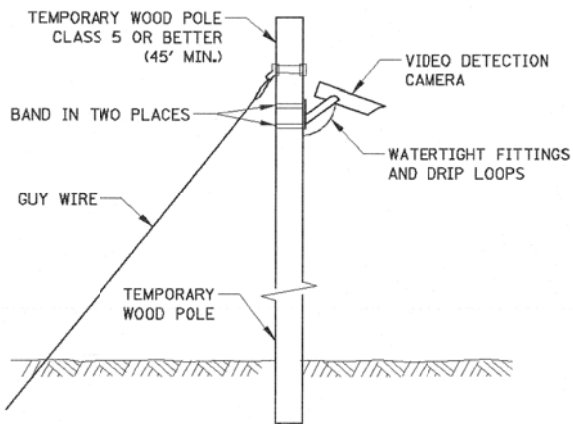
FOR SOUTHBOUND UPTIGHT DETECTION

TEMPORARY BARREL MOUNTED PEDESTRIAN SIGNAL HEADS AND PUSHBUTTONS TO BE INSTALLED AS DIRECTED BY THE RESIDENT ENGINEER

THE CONTRACTOR SHALL INSTALL A WOOD SUPPORT PLATFORM AS SHOWN ON THE DISTRICT 1 SIGNAL DETAIL SHEETS FOR BOTH THE CONTROLLER CABINET AND UPS.

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

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



**TEMPORARY VIDEO DETECTION MOUNTING DETAIL (NOT TO SCALE)**

\* 12'-UC  
 2" METERED GROUND MOUNTED SERVICE CABINET

APPROX. STA: 4013+41  
 79' RT

PROPOSED TEMPORARY WIRELESS INTERCONNECT TO IL 59 AT DIEHL ROAD

\* THE COST FOR THE 2" CONDUIT AND GROUND MOUNTED ELECTRICAL SERVICE SHALL NOT BE INCLUDED IN THE COST FOR TEMPORARY TRAFFIC SIGNAL INSTALLATION AND WILL BE PAID FOR SEPARATELY.

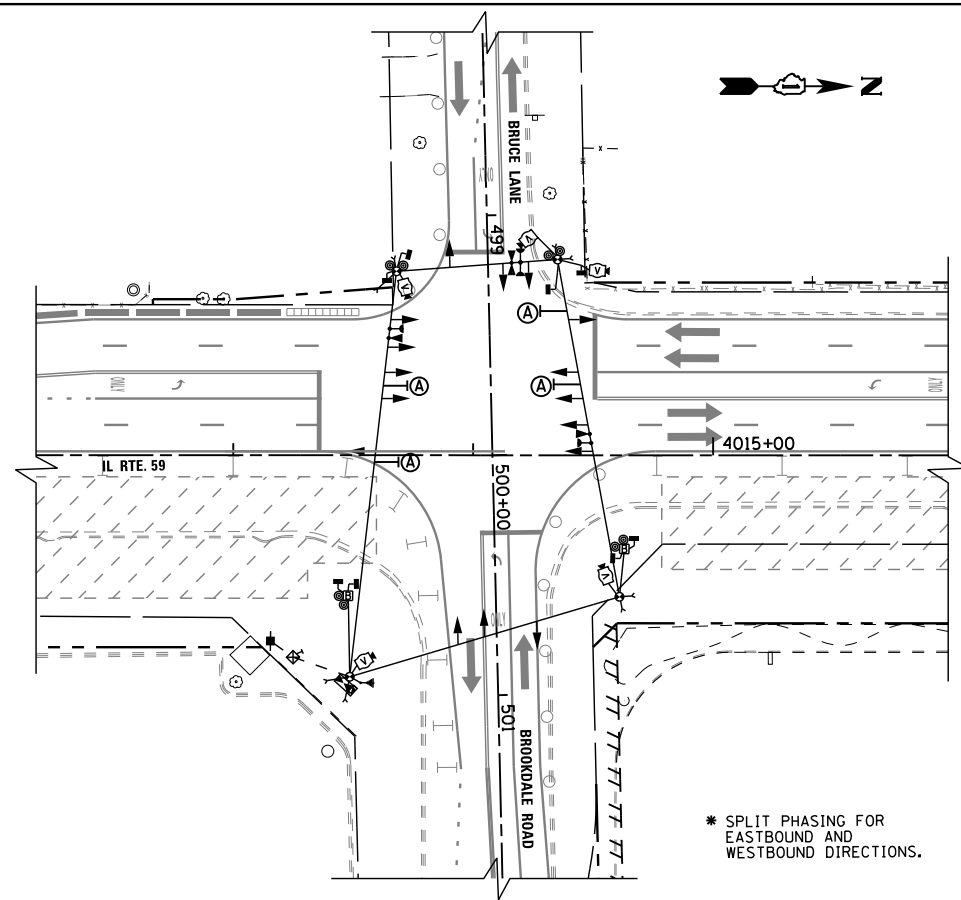
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	PLOT DATE = 12/6/2012	DATE -	REVISED -

**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

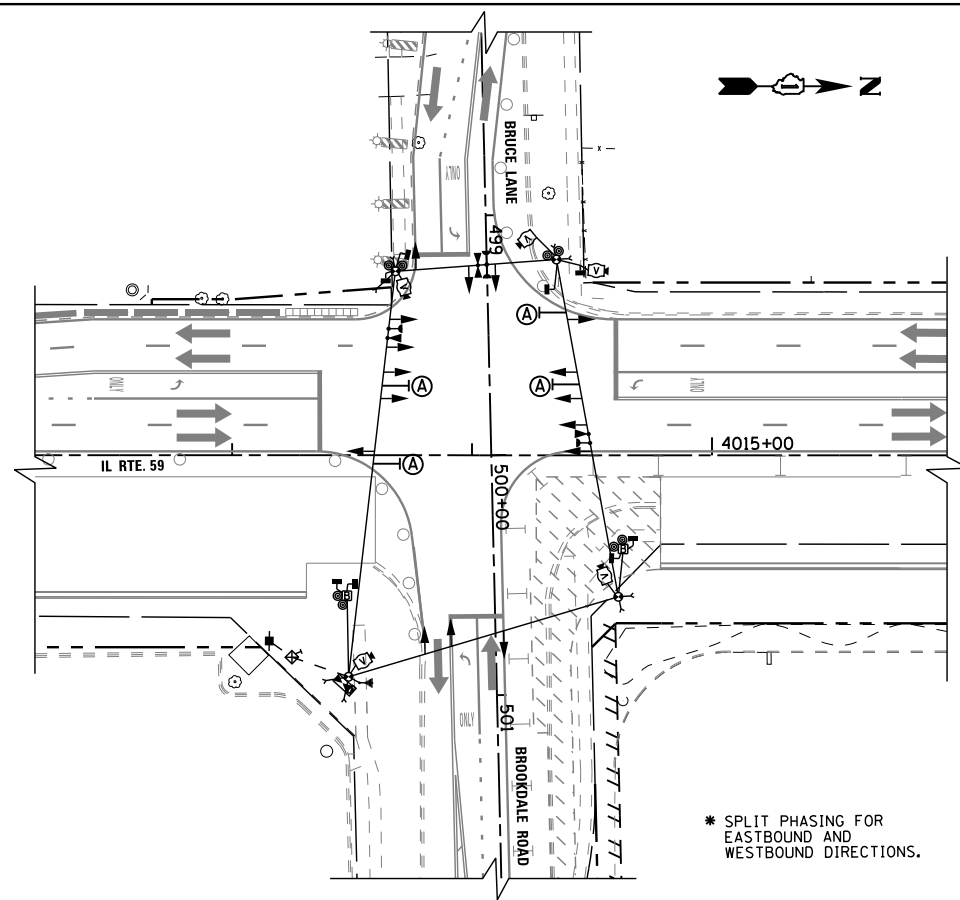
**TEMPORARY TRAFFIC SIGNAL INSTALLATION  
 & REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT PLAN  
 IL RTE 59 AT BRUCE LANE /BROOKDALE ROAD**

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
338	(112 & 113) WRS-6	DUPAGE	734	389
<b>TS- 9</b>		CONTRACT NO. 60R31		
ILLINOIS FED. AID PROJECT				

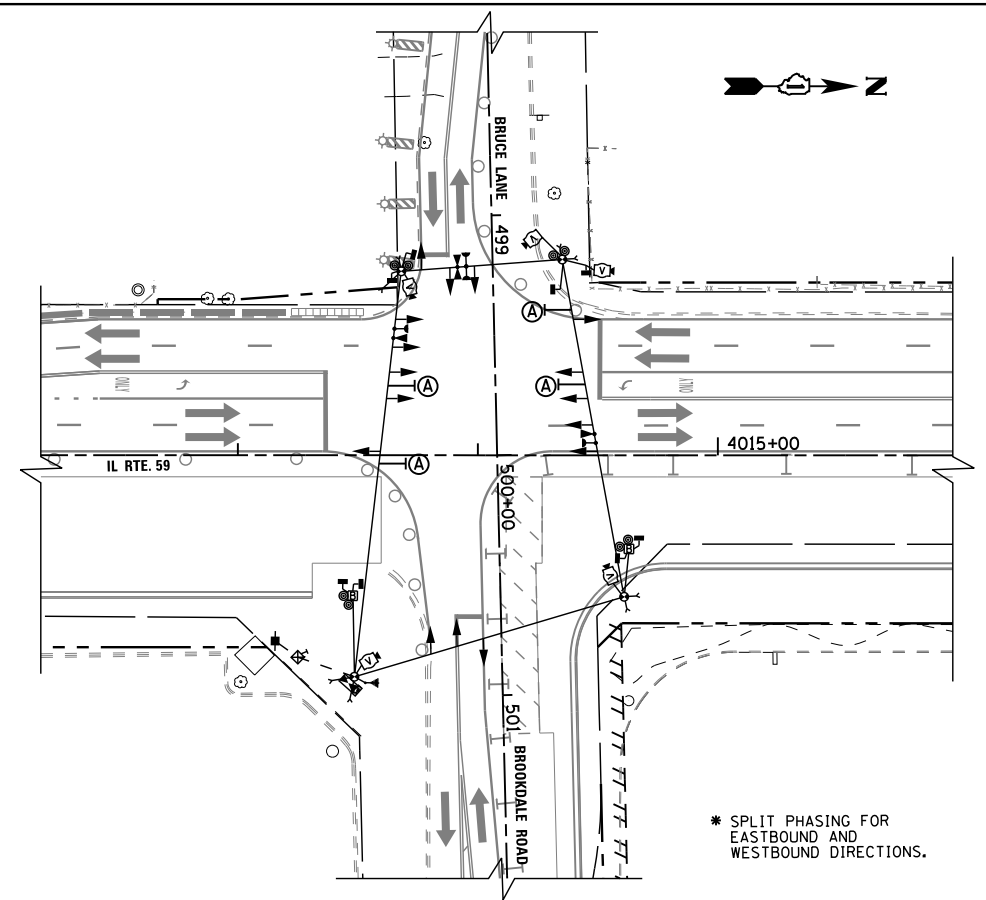
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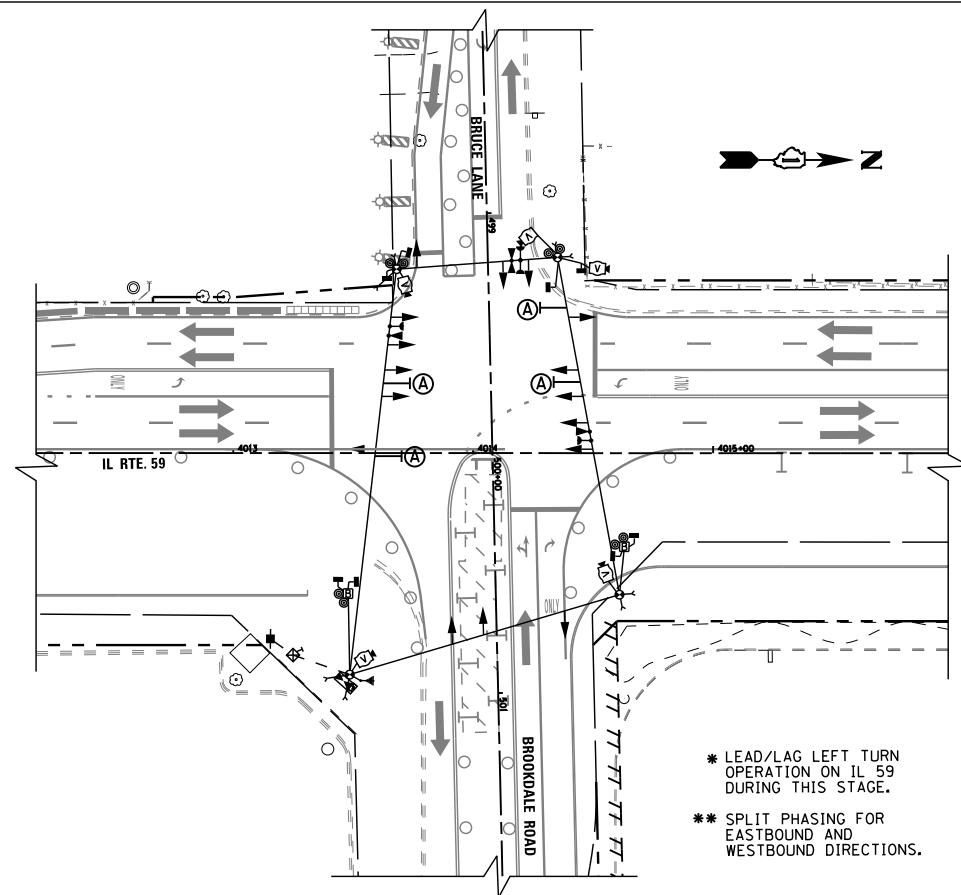
**TEMPORARY TRAFFIC SIGNAL STAGE 1**



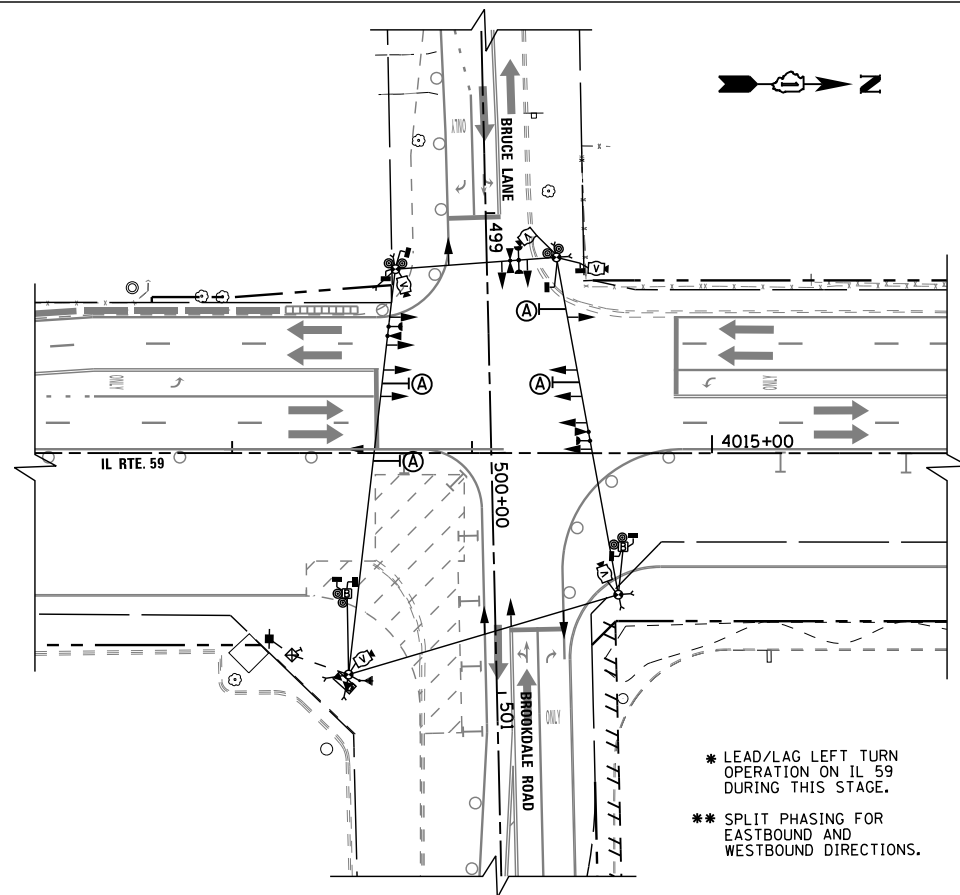
**TEMPORARY TRAFFIC SIGNAL STAGE 1A**



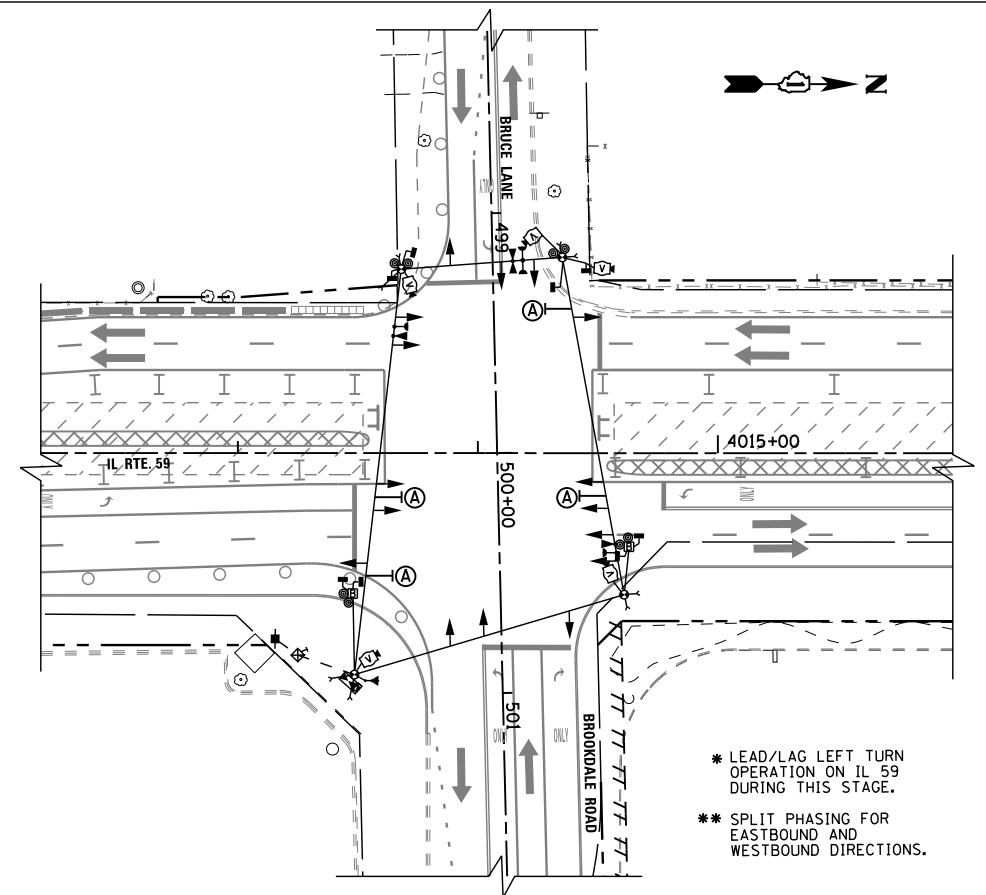
**TEMPORARY TRAFFIC SIGNAL STAGE 1B**



**TEMPORARY TRAFFIC SIGNAL STAGE 1C**



**TEMPORARY TRAFFIC SIGNAL STAGE 1D**



**TEMPORARY TRAFFIC SIGNAL STAGE 2**

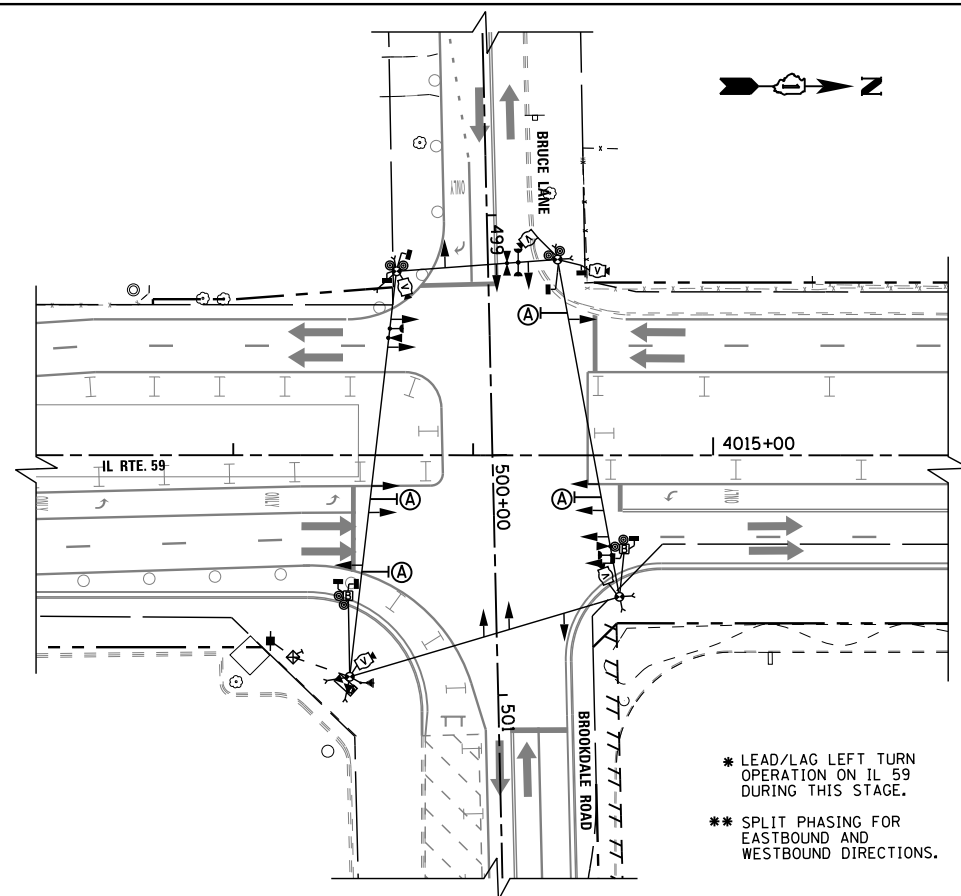
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	PLOT DATE = 12/6/2012	DATE -	REVISED -

STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION

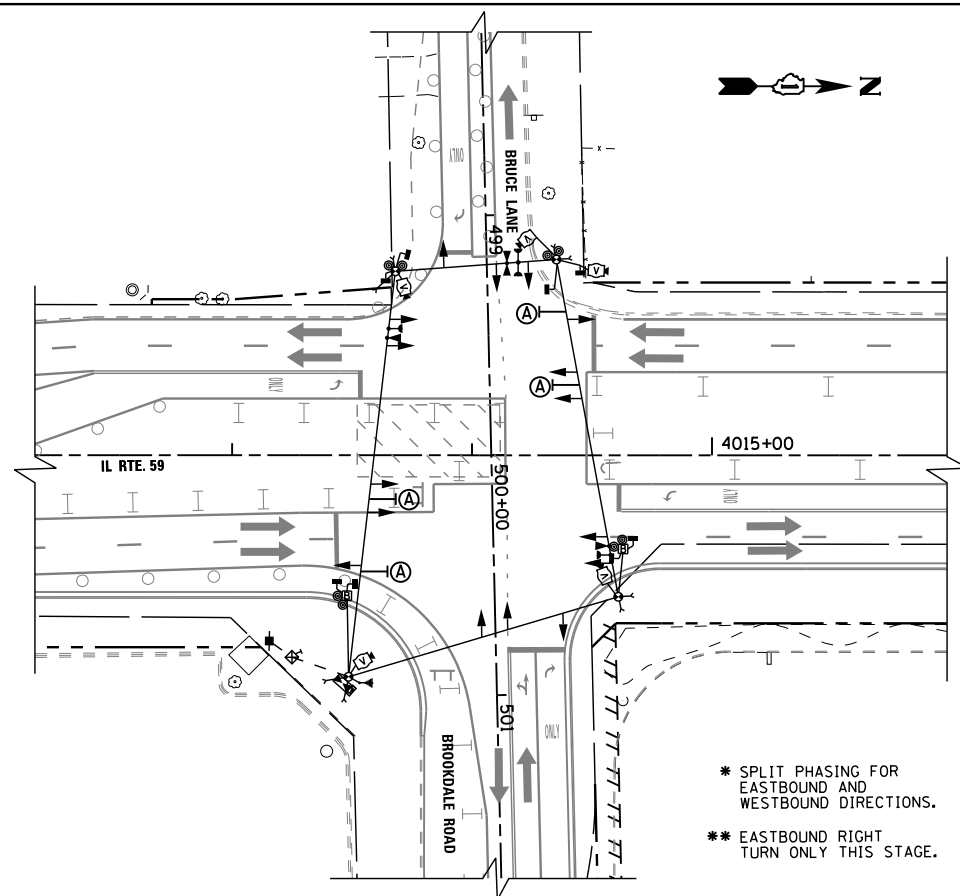
TEMPORARY TRAFFIC SIGNAL INSTALLATION  
 M.O.T. STAGING PLAN (1 OF 3)  
 IL RTE 59 AT BRUCE LANE / BROOKDALE ROAD

SCALE: N.T.S. SHEET NO. 2 OF 4 SHEETS STA. TO STA.

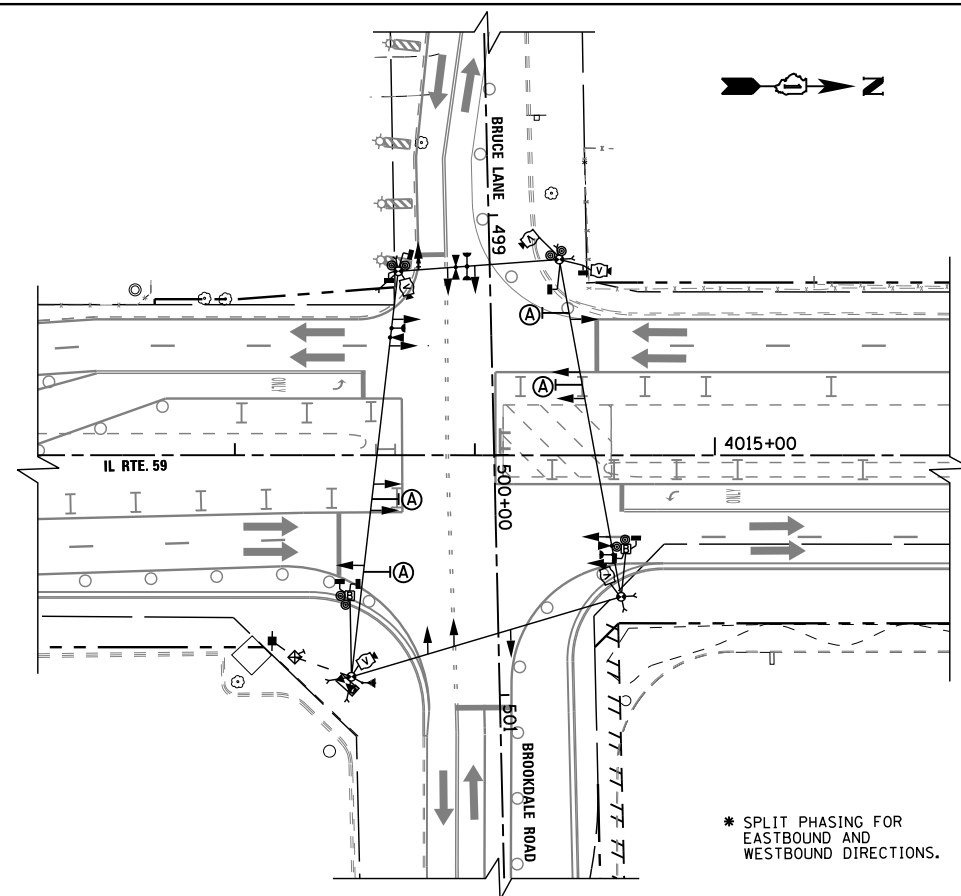
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
338	(112 & 113) WRS-6	DUPAGE	734	390
<b>TS-10</b>		CONTRACT NO. 60R31		
ILLINOIS FED. AID PROJECT				



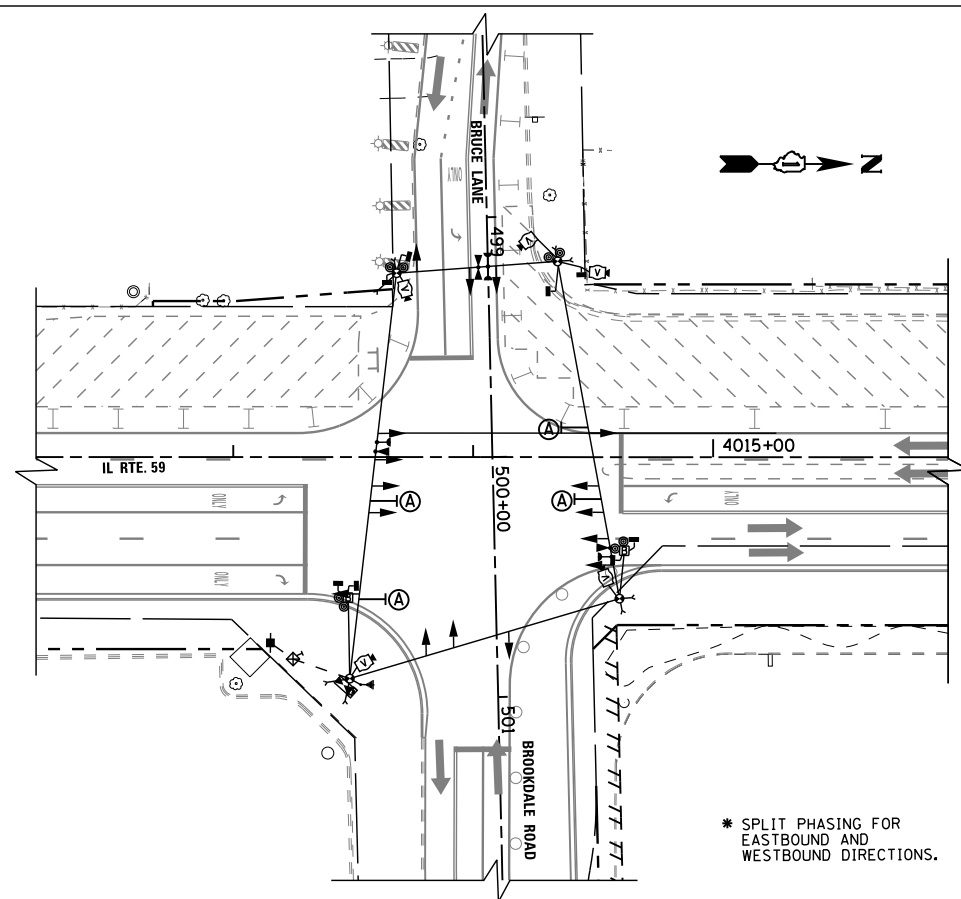
**TEMPORARY TRAFFIC SIGNAL STAGE 2A**



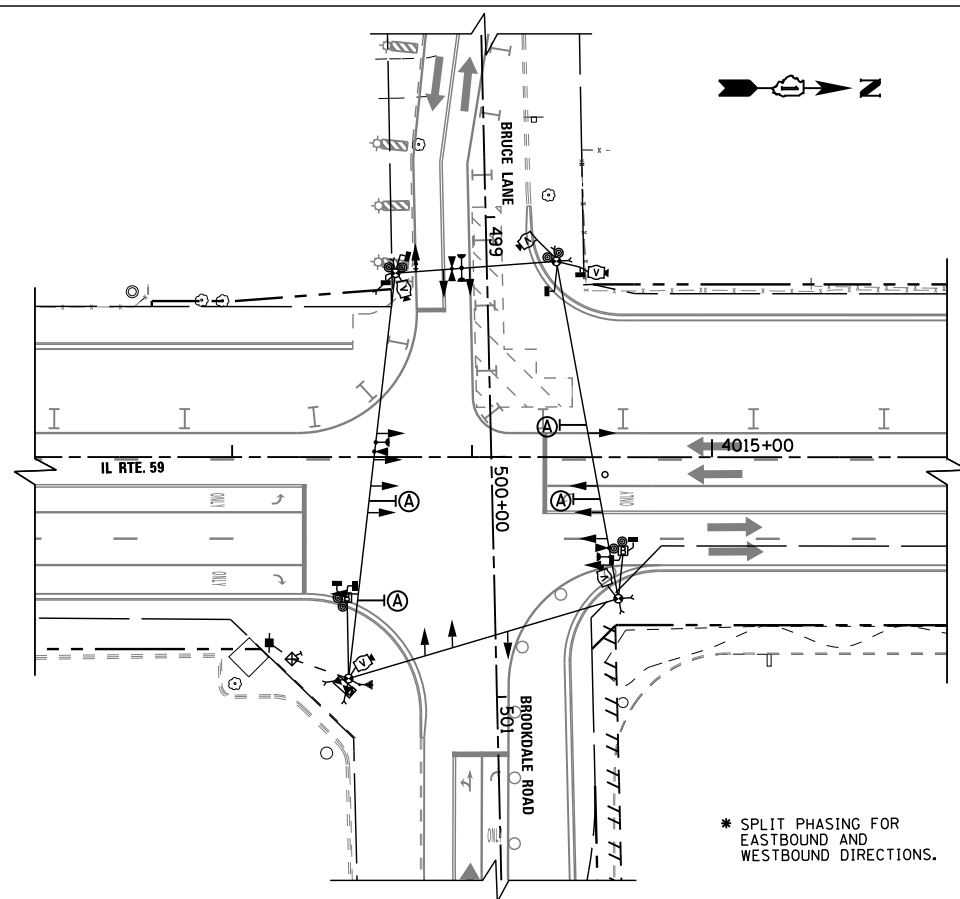
**TEMPORARY TRAFFIC SIGNAL STAGE 2B**



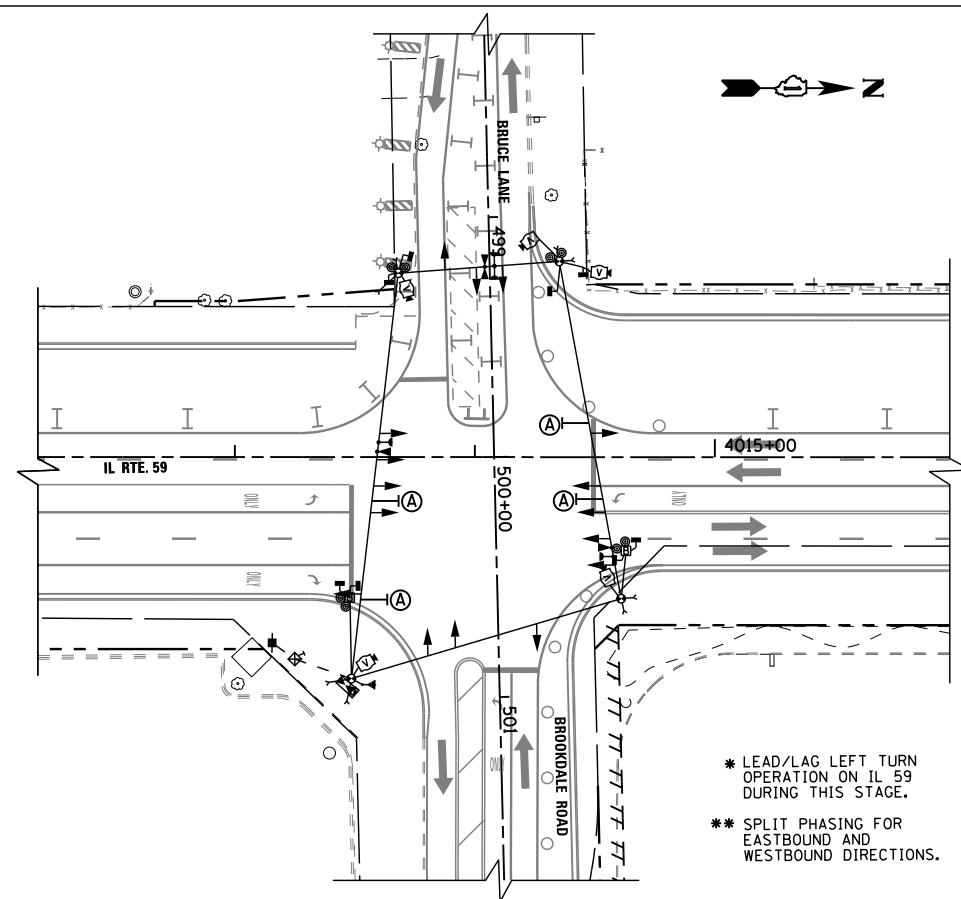
**TEMPORARY TRAFFIC SIGNAL STAGE 2C**



**TEMPORARY TRAFFIC SIGNAL STAGE 3**



**TEMPORARY TRAFFIC SIGNAL STAGE 3A**



**TEMPORARY TRAFFIC SIGNAL STAGE 3B**

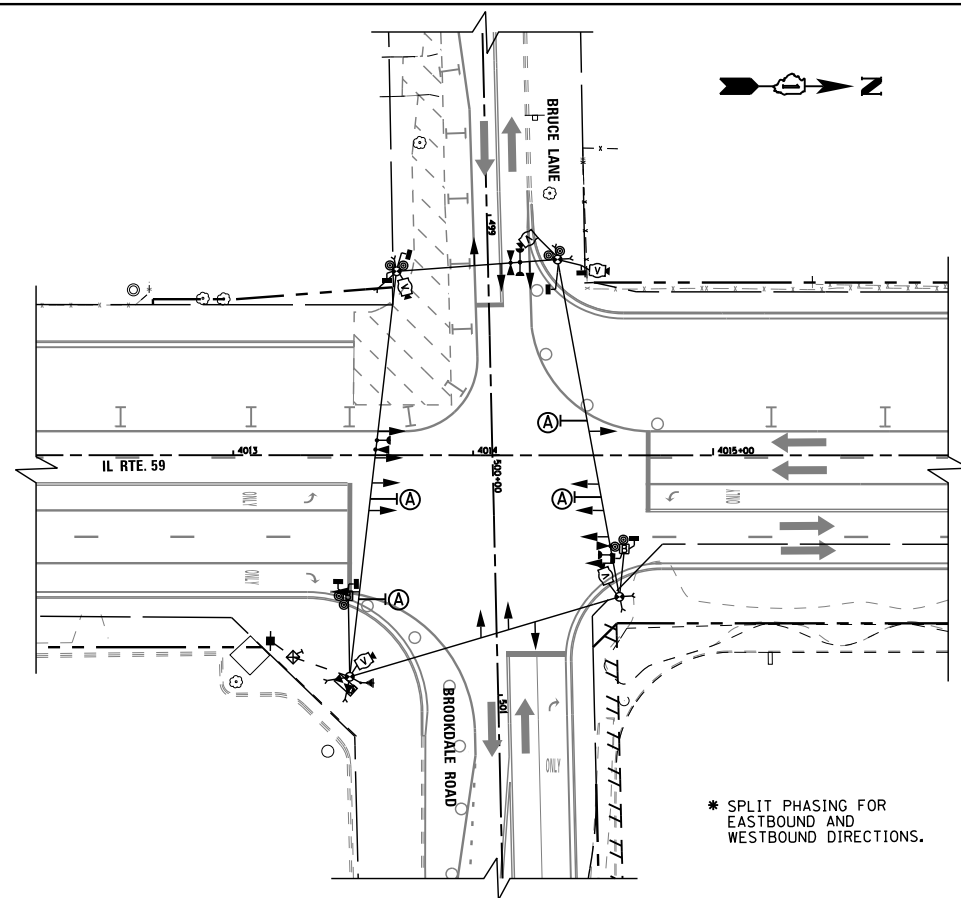
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	PLOT SCALE = *SCALE*	CHECKED - KMM	REVISED -
	PLOT DATE = 12/6/2012	DATE -	REVISED -

**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

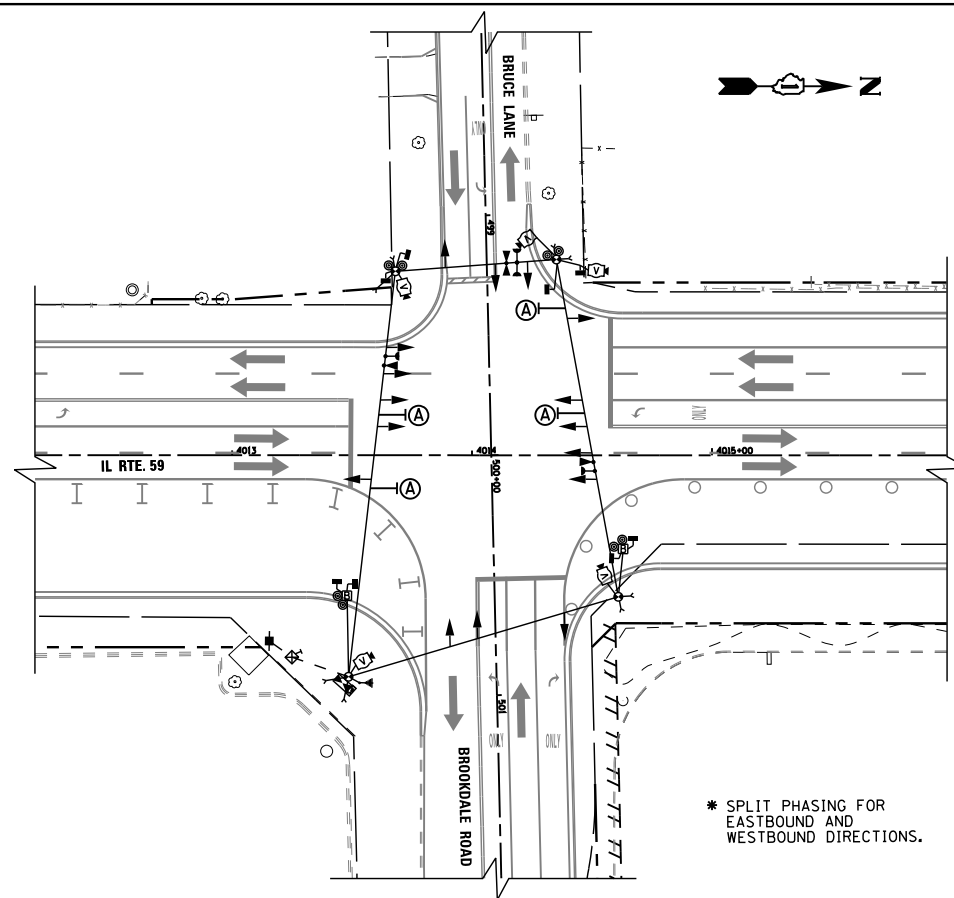
**TEMPORARY TRAFFIC SIGNAL INSTALLATION  
 M.O.T. STAGING PLAN (2 OF 3)  
 IL RTE 59 AT BRUCE LANE / BROOKDALE ROAD**

SCALE: N.T.S. SHEET NO. 3 OF 4 SHEETS STA. TO STA.

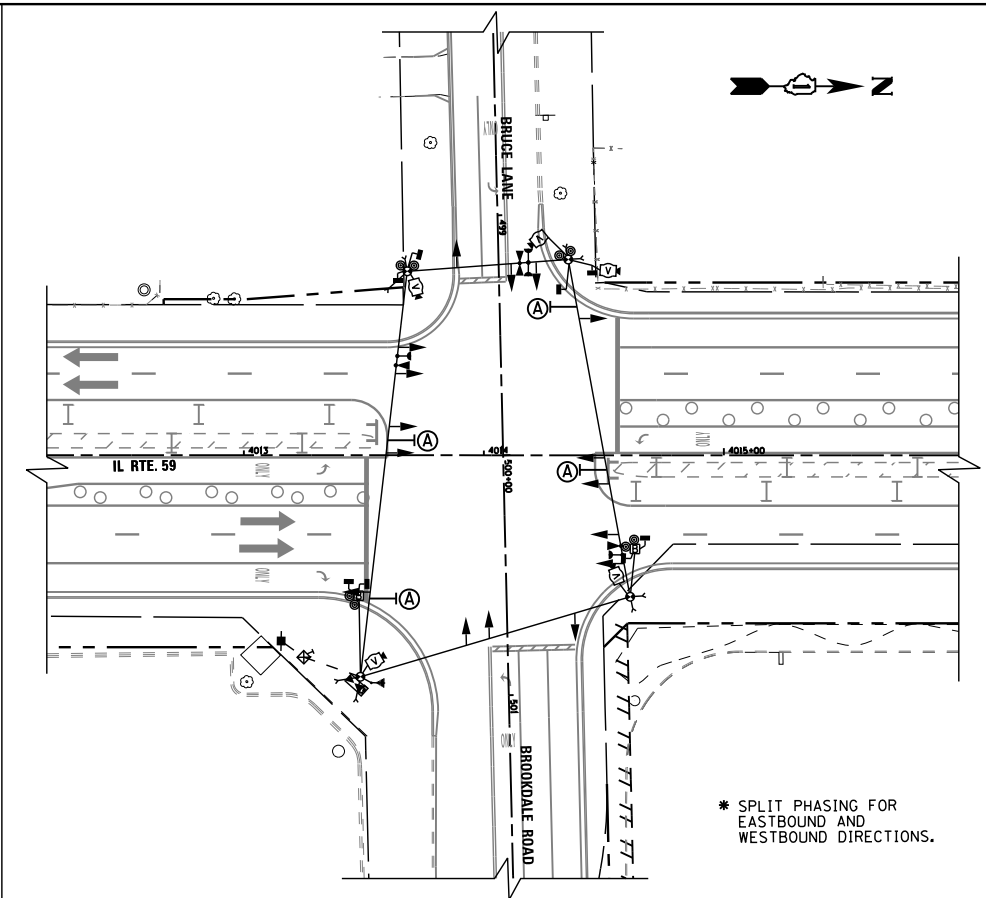
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
338	(112 & 113) WRS-6	DUPAGE	734	391
<b>TS-11</b>		CONTRACT NO. 60R31		
ILLINOIS FED. AID PROJECT				



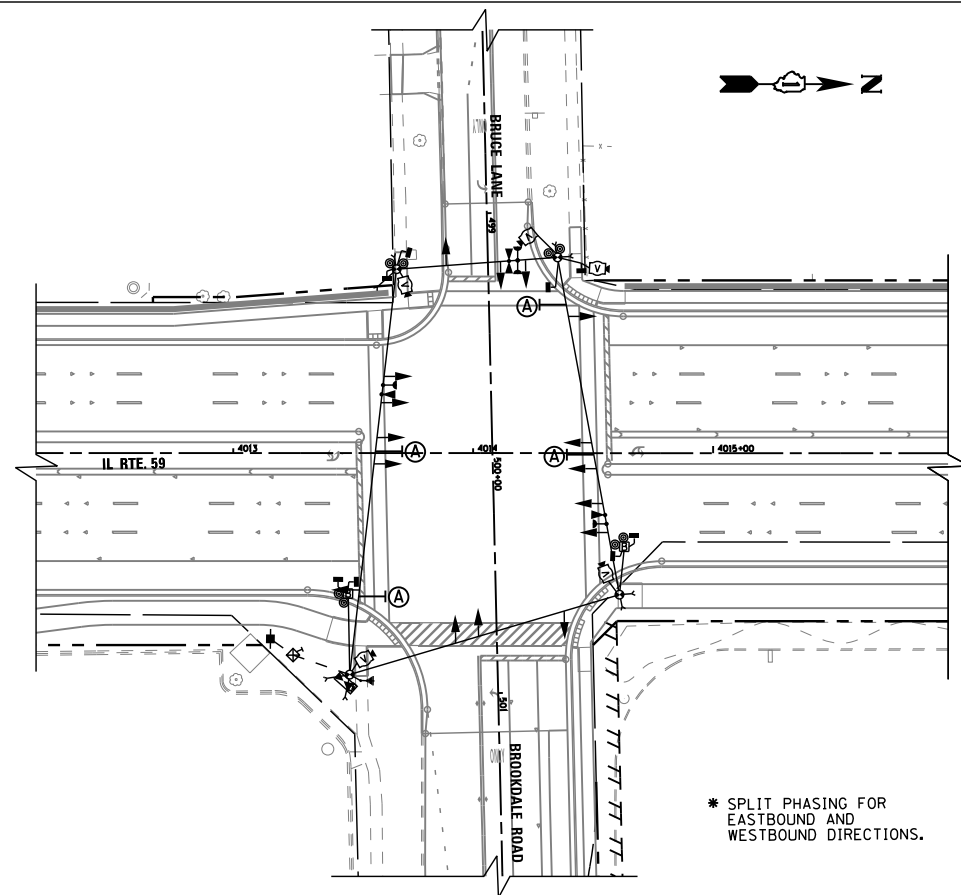
**TEMPORARY TRAFFIC SIGNAL STAGE 3C**



**TEMPORARY TRAFFIC SIGNAL STAGE 3D**



**TEMPORARY TRAFFIC SIGNAL STAGE 4**



**TEMPORARY TRAFFIC SIGNAL FINAL CONDITION**

FILE NAME =	USER NAME = \$USER\$	DESIGNED - DW	REVISED -
K:\Projects\090059\Design\Sheet Files\6799rwa59tempBB4.dgn		DRAWN - JDH	REVISED -
	PLOT SCALE = \$SCALE\$	CHECKED - KMM	REVISED -
	PLOT DATE = 12/6/2012	DATE -	REVISED -

**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

**TEMPORARY TRAFFIC SIGNAL INSTALLATION  
 M.O.T. STAGING PLAN (3 OF 3)  
 IL RTE 59 AT BRUCE LANE /BROOKDALE ROAD**

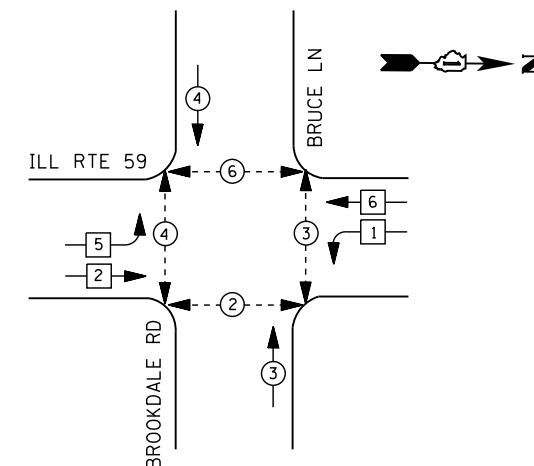
SCALE: N.T.S. SHEET NO. 4 OF 4 SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
338	(112 & 113) WRS-6	DUPAGE	734	392
<b>TS-12</b>			CONTRACT NO. 60R31	
ILLINOIS FED. AID PROJECT				

**NOTES FOR TEMPORARY TRAFFIC SIGNALS**

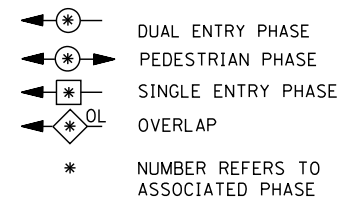
- 1) ALL CONTROL EQUIPMENT INCLUDING EMERGENCY PRE-EMPTION AND COMMUNICATION DEVICES FOR THE TEMPORARY TRAFFIC SIGNAL(S) SHALL BE FURNISHED BY THE CONTRACTOR.
- 2) ONLY CONTROLLERS SUPPLIED BY ONE OF THE DISTRICT APPROVED CLOSED LOOP EQUIPMENT MANUFACTURERS WILL BE APPROVED FOR USE AT TEMPORARY SIGNAL 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 TS2 CABINET. ONLY ONE BRAND OF CONTROLLER WILL BE ACCEPTED FOR ANY ONE CONTRACT.
- 3) ALL TRAFFIC SIGNAL SECTIONS AND PEDESTRIAN SIGNAL SECTIONS SHALL BE LED AND 12" (300mm) DIAMETER. HEADS SHALL BE PLACED AS INDICATED ON THE TEMPORARY TRAFFIC SIGNAL PLAN OR AS DIRECTED BY THE ENGINEER. PEDESTRIAN SIGNALS SHALL INCLUDE SOLID INTERNATIONAL SYMBOLS. PEDESTRIAN SIGNALS WITH COUNTDOWN TIMERS SHALL BE USED WHEN THE EXISTING INSTALLATION UTILIZES COUNTDOWN TYPE OR AS DIRECTED BY THE ENGINEER. COUNTDOWN TYPE PEDESTRIAN SIGNALS ARE NOT TO BE INSTALLED AT RAILROAD INTERSECTIONS. 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.
- 7) UNINTERRUPTIBLE POWER SUPPLY (UPS) SYSTEM SHALL BE INSTALLED AND MADE OPERATIONAL AT TEMPORARY TRAFFIC SIGNAL INSTALLATIONS WHERE UPS IS INSTALLED AT THE EXISTING TRAFFIC SIGNAL, TEMPORARY TRAFFIC SIGNALS AT RAILROAD INTERSECTIONS, AND TEMPORARY TRAFFIC SIGNALS AT INTERSECTIONS WITH FIRE STATION ACTUATED EMERGENCY VEHICLE PRE-EMPTION, OR WHEN INDICATED ON THE PLANS.
- 8) TRAFFIC SIGNAL MANAGEMENT SYSTEMS SHALL BE MAINTAINED IN OPERATION AS INDICATED ON THE PLANS OR AS DIRECTED BY THE ENGINEER. REQUIRED EQUIPMENT SHALL BE AS SHOWN ON THE PLANS AND THE CONTRACTOR SHALL PLACE THE EQUIPMENT IN OPERATION TO THE SATISFACTION OF THE ENGINEER AND THE AGENCY RESPONSIBLE FOR THE TRAFFIC SIGNAL MANAGEMENT SYSTEM.
- 9) DETECTION AT TEMPORARY TRAFFIC SIGNALS SHALL BE INCLUDED FOR ALL APPROACHES OF THE INTERSECTION UNLESS INDICATED OTHERWISE ON THE PLANS. THE DETECTION SYSTEM MUST MEET THE SPECIFICATIONS OF DISTRICT 1 AND THE CONTRACTOR SHALL PLACE THE DETECTORS INTO OPERATION TO THE SATISFACTION OF THE ENGINEER.
- 10) WHEN PAN, TILT, ZOOM CAMERAS ARE INSTALLED AT THE EXISTING INTERSECTION OR ARE CALLED FOR IN THE PLANS, THE CONTRACTOR SHALL BE RESPONSIBLE FOR INSTALLING AND MAINTAINING THE CAMERAS TO THE SATISFACTION OF THE ENGINEER AND THE AGENCY RESPONSIBLE FOR THE CAMERAS.

**TEMPORARY CONTROLLER SEQUENCE**

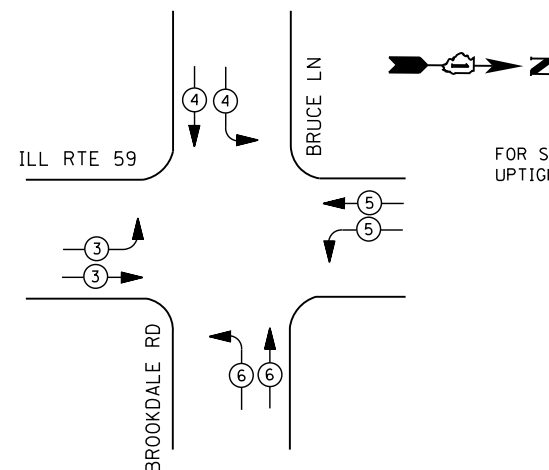


NOTES:  
 LEAD/LAG OPERATION FOR PHASES 1 AND 5  
 DURING MOT STAGES 1C, 1D, 2, 2A & 3B.

**LEGEND**

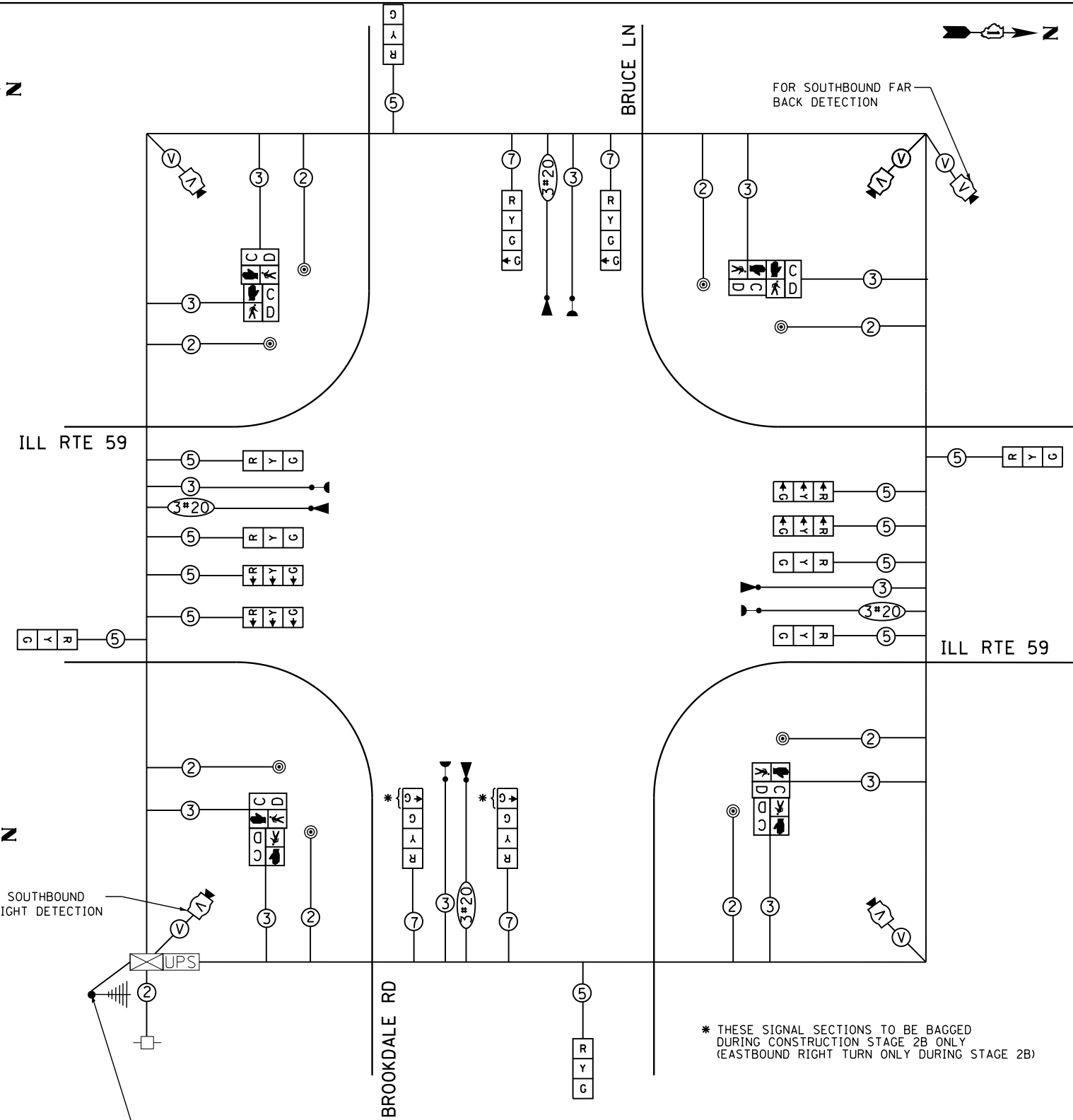


**TEMPORARY PHASE DESIGNATION DIAGRAM**



**TEMPORARY EMERGENCY VEHICLE PREEMPTION SEQUENCE**

EMERGENCY VEHICLE PREEMPTORS				
EMERGENCY VEHICLE PREEMPTOR	3	4	5	6
MOVEMENT				



\* THESE SIGNAL SECTIONS TO BE BAGGED DURING CONSTRUCTION STAGE 2B ONLY (EASTBOUND RIGHT TURN ONLY DURING STAGE 2B)

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

ALL PEDESTRIAN HEADS SHALL BE BAGGED AND DISCONNECTED AT LOCATIONS WHERE EXISTING PAVEMENT IS REMOVED. ALL PEDESTRIAN SIGNAL HEADS SHALL REMAIN BAGGED UNTIL THE PAVEMENT IS RESTORED TO PROVIDE A SAFE CROSSING AREA. USAGE OF PEDESTRIAN SIGNALS IS BASED ON CONSTRUCTION STAGING AND SHALL BE DETERMINED BY THE RESIDENT ENGINEER. IF SIDEWALKS AND PEDESTRIAN CROSSINGS ARE NOT PROVIDED, THE PEDESTRIAN SIGNAL EQUIPMENT SHALL REMAIN DISCONNECTED UNTIL WARRANTED PRIOR TO THE PERMANENT SIGNAL TURN-ON.

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

I. D. O. T. TRAFFIC SIGNAL INSTALLATION ELECTRICAL SERVICE REQUIREMENTS					
TYPE	NO. LAMPS	WATTAGE		% OPERATIONS	TOTAL WATTAGE
		INCAND.	LED		
SIGNAL (RED)	16	135	17	0.50	136
(YELLOW)	16	135	25	0.25	100
(GREEN)	20	135	15	0.25	75
ARROW	0	135	12	0.10	0
PED. SIGNAL	8	90	25	1.00	200
CONTROLLER	1	100	100	1.00	100
VIDEO SYSTEM	1	150	-	1.00	150
TOTAL =					761

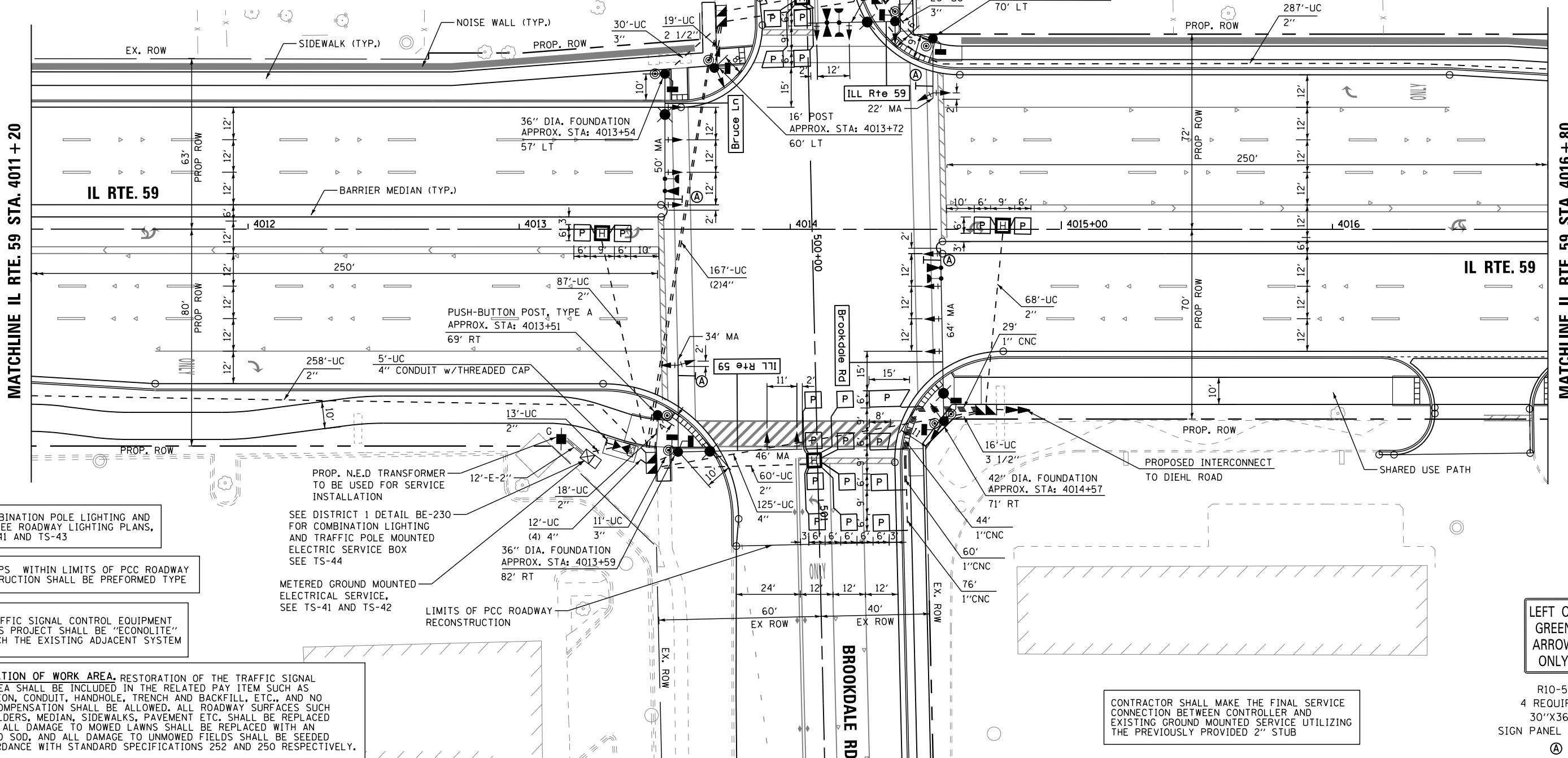
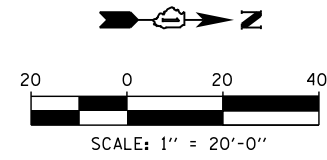
ENERGY COSTS- BILLED TO: CITY OF NAPERVILLE  
 400 S. EAGLE STREET  
 NAPERVILLE, IL 60540

ENERGY SUPPLY - CONTACT BRIAN CHAMBERLAIN  
 PHONE NAPERVILLE ELECTRIC DEPT.  
 630-420-6653



**GENERAL NOTES**

- IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO VERIFY ALL DIMENSIONS AND CONDITIONS EXISTING IN THE FIELD PRIOR TO ORDERING MATERIALS AND BEGINNING CONSTRUCTION. THIS SHALL INCLUDE LOCATING THE MAST ARM FOUNDATIONS AND VERIFYING THE MAST ARM LENGTHS.
- THE EXACT LOCATION OF ALL UTILITIES SHALL BE FIELD VERIFIED BY THE CONTRACTOR BEFORE ORDERING ANY MATERIALS AND STARTING ANY WORK. FOR LOCATIONS OF UTILITIES, LOCALLY OWNED EQUIPMENT, LEASED ENFORCEMENT CAMERA SYSTEM FACILITIES AND IDOT UNDERGROUND FACILITIES, CONTACT THE LOCAL COUNTIES, MUNICIPALITIES AND IDOT FOR LOCATES. THE CONTRACTOR SHALL CALL "JULIE" AT (800) 892-0123 OR 811, IN THE CITY OF CHICAGO CONTACT DIGGER AT (312) 744-7000 FOR FIELD LOCATIONS OF BURIED UTILITIES (48 HOURS NOTIFICATION REQUIRED).
- THE CONTRACTOR SHALL CHECK THE PROPOSED TRAFFIC SIGNAL EQUIPMENT LOCATIONS FOR OVERHEAD UTILITY CONFLICTS. THE CONTRACTOR SHALL COORDINATE ANY CONFLICTS WITH THE UTILITY COMPANIES AND THE RESIDENT ENGINEER BEFORE ORDERING MATERIALS.
- THE CONTRACTOR SHALL COORDINATE CONSTRUCTION ACTIVITIES WITH UTILITY COMPANIES, LOCAL GOVERNMENT AGENCIES AND IDOT.



FOR COMBINATION POLE LIGHTING AND WIRING SEE ROADWAY LIGHTING PLANS, AND TS-41 AND TS-43

ALL LOOPS WITHIN LIMITS OF PCC ROADWAY RECONSTRUCTION SHALL BE PREFORMED TYPE

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

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

SEE DISTRICT 1 DETAIL BE-230 FOR COMBINATION LIGHTING AND TRAFFIC POLE MOUNTED ELECTRIC SERVICE BOX SEE TS-44

METERED GROUND MOUNTED ELECTRICAL SERVICE, SEE TS-41 AND TS-42

LIMITS OF PCC ROADWAY RECONSTRUCTION

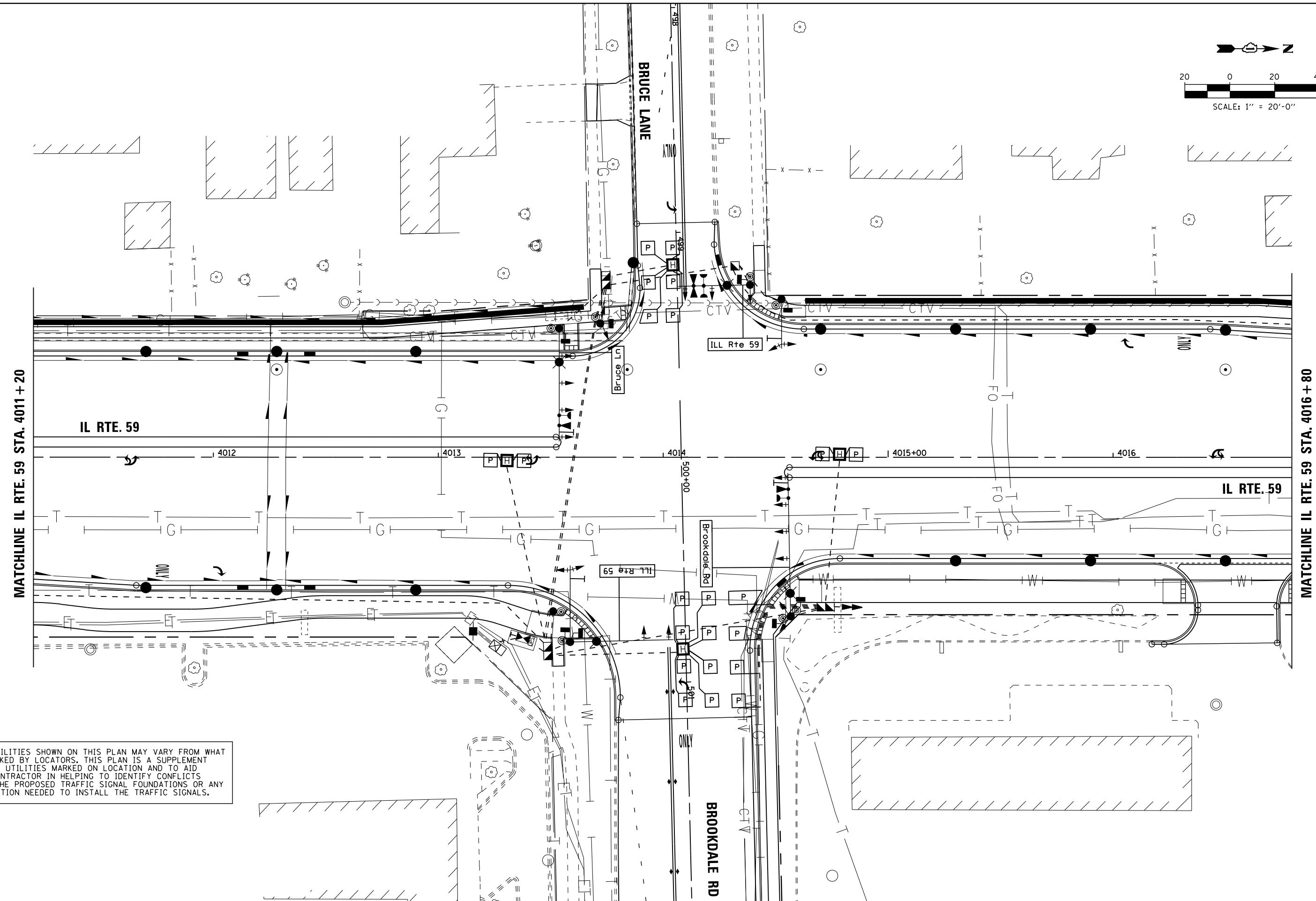
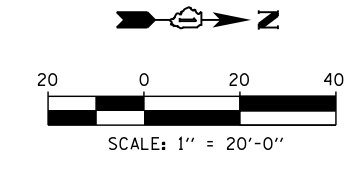
CONTRACTOR SHALL MAKE THE FINAL SERVICE CONNECTION BETWEEN CONTROLLER AND EXISTING GROUND MOUNTED SERVICE UTILIZING THE PREVIOUSLY PROVIDED 2" STUB

LEFT ON GREEN ARROW ONLY

R10-5  
 4 REQUIRED  
 30"X36"  
 SIGN PANEL TYPE 1  
 (A)

FILE NAME =	USER NAME = *USER*	DESIGNED - DW	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>TRAFFIC SIGNAL MODERNIZATION PLAN IL RTE 59 AT BRUCE LANE / BROOKDALE ROAD</b>	F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
K:\Projects\090059\Design\Sheet Files\679rwa59proBBL.dgn		DRAWN - JDH	REVISED -			338	(112 & 113) WRS-6	DUPAGE	734	394
PLOT SCALE = *SCALE*		CHECKED - KMM	REVISED -			<b>TS-14</b>		CONTRACT NO. 60R31		
PLOT DATE = 12/6/2012		DATE -	REVISED -			ILLINOIS FED. AID PROJECT				
				SCALE: 1"=20'		SHEET NO. 1 OF 2 SHEETS		STA. TO STA.		

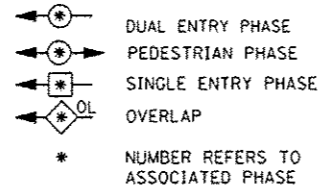




THE UTILITIES SHOWN ON THIS PLAN MAY VARY FROM WHAT IS MARKED BY LOCATORS. THIS PLAN IS A SUPPLEMENT TO THE UTILITIES MARKED ON LOCATION AND TO AID THE CONTRACTOR IN HELPING TO IDENTIFY CONFLICTS WITH THE PROPOSED TRAFFIC SIGNAL FOUNDATIONS OR ANY EXCAVATION NEEDED TO INSTALL THE TRAFFIC SIGNALS.

FILE NAME = K:\Projects\090059\Design\Sheet Files\EXHIBIT\6799\w059\pro0B1-EXHIBIT.dgn	USER NAME = *USER*	DESIGNED - DW	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>UTILITY REFERENCE PLAN IL RTE 59 AT BRUCE LANE / BROOKDALE ROAD</b>	F.A. RTE. = 338	SECTION = (112 & 113) WRS-6	COUNTY = DUPAGE	TOTAL SHEETS = 734	SHEET NO. = 396	
PLOT SCALE = *SCALE*	CHECKED - KMM	REVISED -	SCALE: 1"=20'			SHEET NO. 1 OF 1 SHEETS	STA. TO STA.	<b>TS-16</b>		CONTRACT NO. 60R31	
PLOT DATE = 12/6/2012	DATE -	REVISED -	ILLINOIS FED. AID PROJECT								

**LEGEND**



**RIGHT TURN OVERLAP PHASE DESIGNATION**

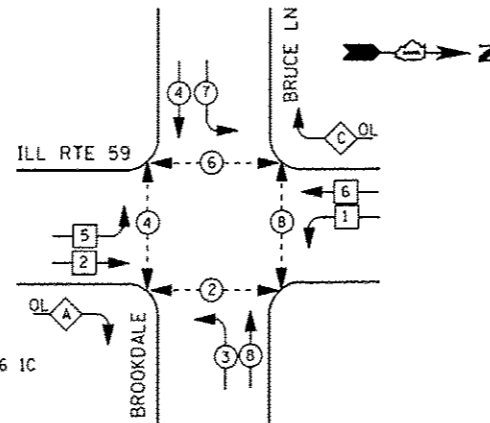
OVERLAP LETTER	PERMISSIVE PHASE	PROTECTED PHASE
A	= 2 + 3	
C	= 6 + 7	

**SCHEDULE OF QUANTITIES**

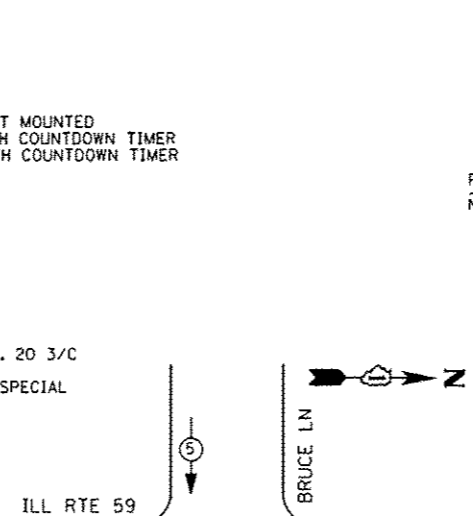
QUANTITY	UNIT	ITEM
30	SO FT	SIGN PANEL - TYPE 1
1	EACH	SERVICE INSTALLATION - GROUND MOUNTED
834	FOOT	UNDERGROUND CONDUIT, GALVANIZED STEEL, 2" DIA.
19	FOOT	UNDERGROUND CONDUIT, GALVANIZED STEEL, 2 1/2" DIA.
78	FOOT	UNDERGROUND CONDUIT, GALVANIZED STEEL, 3" DIA.
16	FOOT	UNDERGROUND CONDUIT, GALVANIZED STEEL, 3 1/2" DIA.
570	FOOT	UNDERGROUND CONDUIT, GALVANIZED STEEL, 4" DIA.
3	EACH	HANDHOLE
4	EACH	HEAVY-DUTY HANDHOLE
3	EACH	DOUBLE HANDHOLE
1	EACH	TRANSCEIVER - FIBER OPTIC
1599	FOOT	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 2C
2572	FOOT	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 3C
3302	FOOT	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 5C
1854	FOOT	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 7C
2121	FOOT	ELECTRIC CABLE IN CONDUIT, LEAD-IN, NO. 14 1 PAIR
46	FOOT	ELECTRIC CABLE IN CONDUIT, SERVICE, NO. 6 2 C
758	FOOT	ELECTRIC CABLE IN CONDUIT, EQUIPMENT GROUNDING CONDUCTOR, NO. 6 1C
1	EACH	TRAFFIC SIGNAL POST, GALVANIZED STEEL 16 FT.
1	EACH	STEEL MAST ARM ASSEMBLY AND POLE, 22 FT.
1	EACH	STEEL COMBINATION MAST ARM ASSEMBLY AND POLE 32 FT.
1	EACH	STEEL COMBINATION MAST ARM ASSEMBLY AND POLE 50 FT.
1	EACH	STEEL COMBINATION MAST ARM ASSEMBLY AND POLE 64 FT.
12	FOOT	CONCRETE FOUNDATION, TYPE A
4	FOOT	CONCRETE FOUNDATION, TYPE C
10	FOOT	CONCRETE FOUNDATION, TYPE 30-INCH DIAMETER
40	FOOT	CONCRETE FOUNDATION, TYPE 36-INCH DIAMETER
21	FOOT	CONCRETE FOUNDATION, TYPE 42-INCH DIAMETER
10	EACH	SIGNAL HEAD, LED, 1-FACE, 3-SECTION, MAST-ARM MOUNTED
1	EACH	SIGNAL HEAD, LED, 1-FACE, 3-SECTION, BRACKET MOUNTED
6	EACH	SIGNAL HEAD, LED, 1-FACE, 5-SECTION, MAST-ARM MOUNTED
2	EACH	SIGNAL HEAD, LED, 2-FACE, 1-3 SECTION, 1-5 SECTION, BRACKET MOUNTED
4	EACH	PEDESTRIAN SIGNAL HEAD, LED, 1-FACE, BRACKET MOUNTED WITH COUNTDOWN TIMER
2	EACH	PEDESTRIAN SIGNAL HEAD, LED, 2-FACE, BRACKET MOUNTED WITH COUNTDOWN TIMER
16	EACH	TRAFFIC SIGNAL BACKPLATE, LOUVERED, ALUMINUM
9	EACH	INDUCTIVE LOOP DETECTOR
1069	FOOT	PREFORMED DETECTOR LOOP
3	EACH	LIGHT DETECTOR
1	EACH	LIGHT DETECTOR AMPLIFIER
8	EACH	PEDESTRIAN PUSH-BUTTON
1	EACH	TEMPORARY TRAFFIC SIGNAL INSTALLATION
1	EACH	REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT
11	EACH	REMOVE EXISTING HANDHOLE
8	EACH	REMOVE EXISTING CONCRETE FOUNDATION
1	EACH	TEMPORARY TRAFFIC SIGNAL TIMING
924	FOOT	EMERGENCY VEHICLE PRIORITY SYSTEM LINE SENSOR CABLE, NO. 20 3/C
1	EACH	UNINTERRUPTIBLE POWER SUPPLY, SPECIAL
1	EACH	FULL-ACTUATED CONTROLLER AND SUPER P CABINET, TYPE IV, SPECIAL
1	EACH	STEEL COMBINATION MAST ARM ASSEMBLY AND POLE WITH DUAL MAST ARMS, 34 FT. AND 46 FT.
4	EACH	ILLUMINATED STREET NAME SIGN
1	EACH	PEDESTRIAN PUSHBUTTON POST, TYPE A

\* 100% COST TO THE CITY OF NAPERVILLE

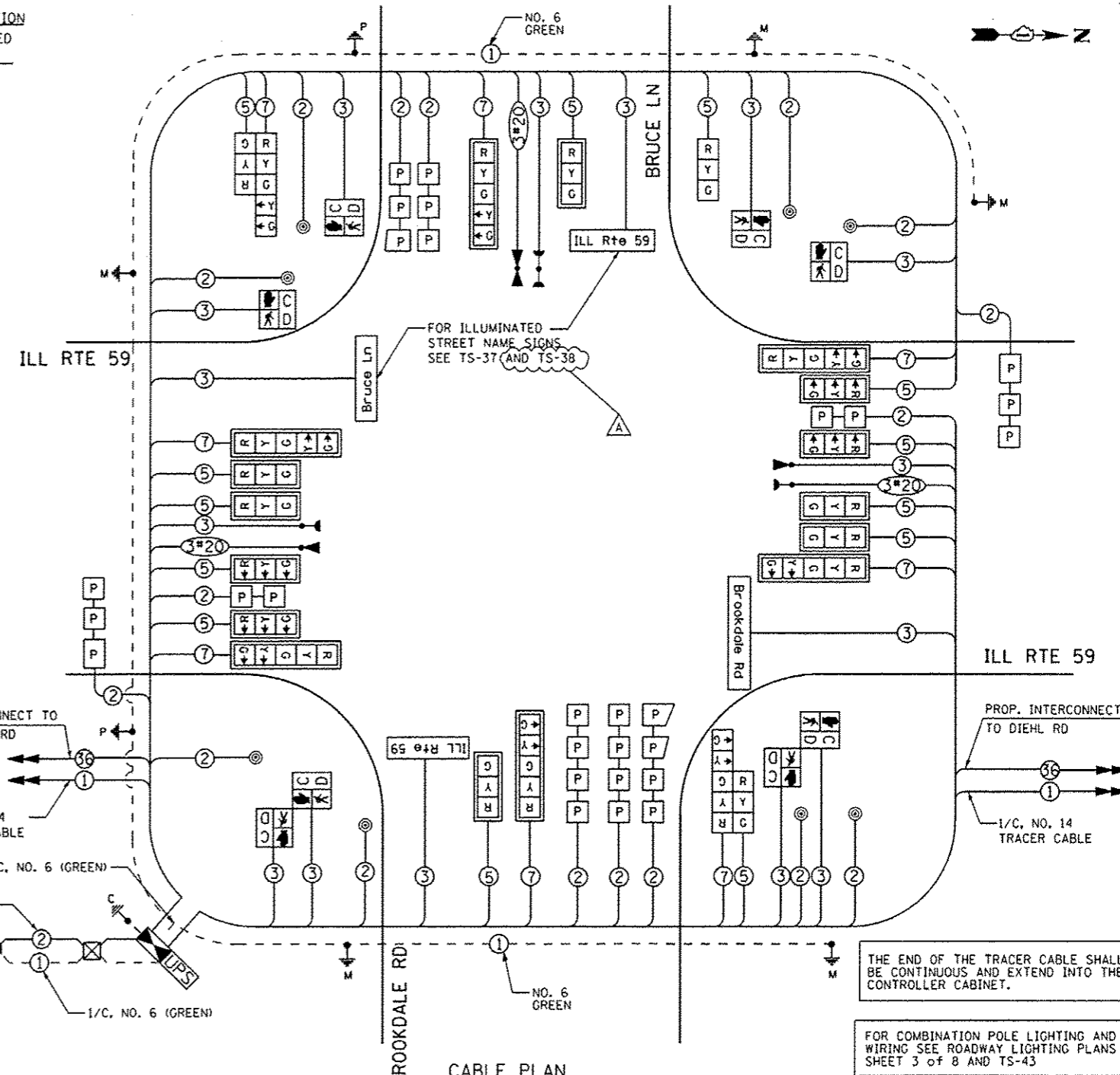
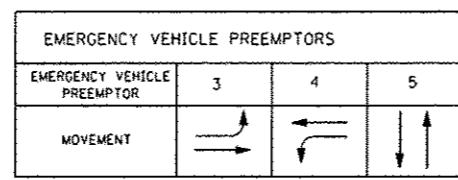
**CONTROLLER SEQUENCE**



**PHASE DESIGNATION DIAGRAM**



**EMERGENCY VEHICLE PREEMPTION SEQUENCE**



**CABLE PLAN**

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

FOR COMBINATION POLE LIGHTING AND WIRING SEE ROADWAY LIGHTING PLANS SHEET 3 OF 8 AND TS-43

ALL LOOPS WITHIN LIMITS OF PCC ROADWAY RECONSTRUCTION SHALL BE PERFORMED TYPE

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

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

I. D. O. T.				
TRAFFIC SIGNAL INSTALLATION				
ELECTRICAL SERVICE REQUIREMENTS				
TYPE	NO. LAMPS	WATTAGE		TOTAL WATTAGE
		INCAND.	LED	
SIGNAL (RED)	21	135	17	179
(YELLOW)	21	135	25	131
(GREEN)	21	135	15	79
ARROW	16	135	12	19
PED. SIGNAL	8	90	25	200
CONTROLLER	1	100	100	100
ILLUM. SIGN	4	--	90	180
TOTAL =				888

ENERGY COSTS- BILLED TO: CITY OF NAPERVILLE  
400 S. EAGLE STREET  
NAPERVILLE, IL 60540

ENERGY SUPPLY - CONTACT BRIAN CHAMBERLAIN  
PHONE NAPERVILLE ELECTRIC DEPT.  
630-420-6653

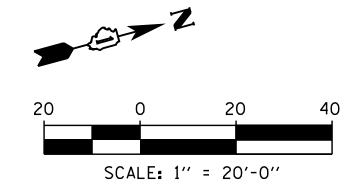
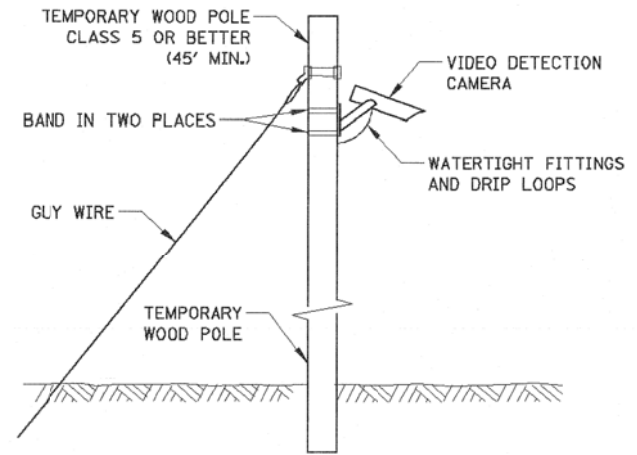
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STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

ILLINOIS ROUTE 59 AND BRUCE LANE/BROOKDALE ROAD - CABLE PLAN,  
SCHEDULE OF QUANTITIES, PHASE DESIGN. DIAGRAM & EVP SEQUENCE

SCALE: N.T.S. SHEET NO. 1 OF 1 SHEETS STA. TO STA.

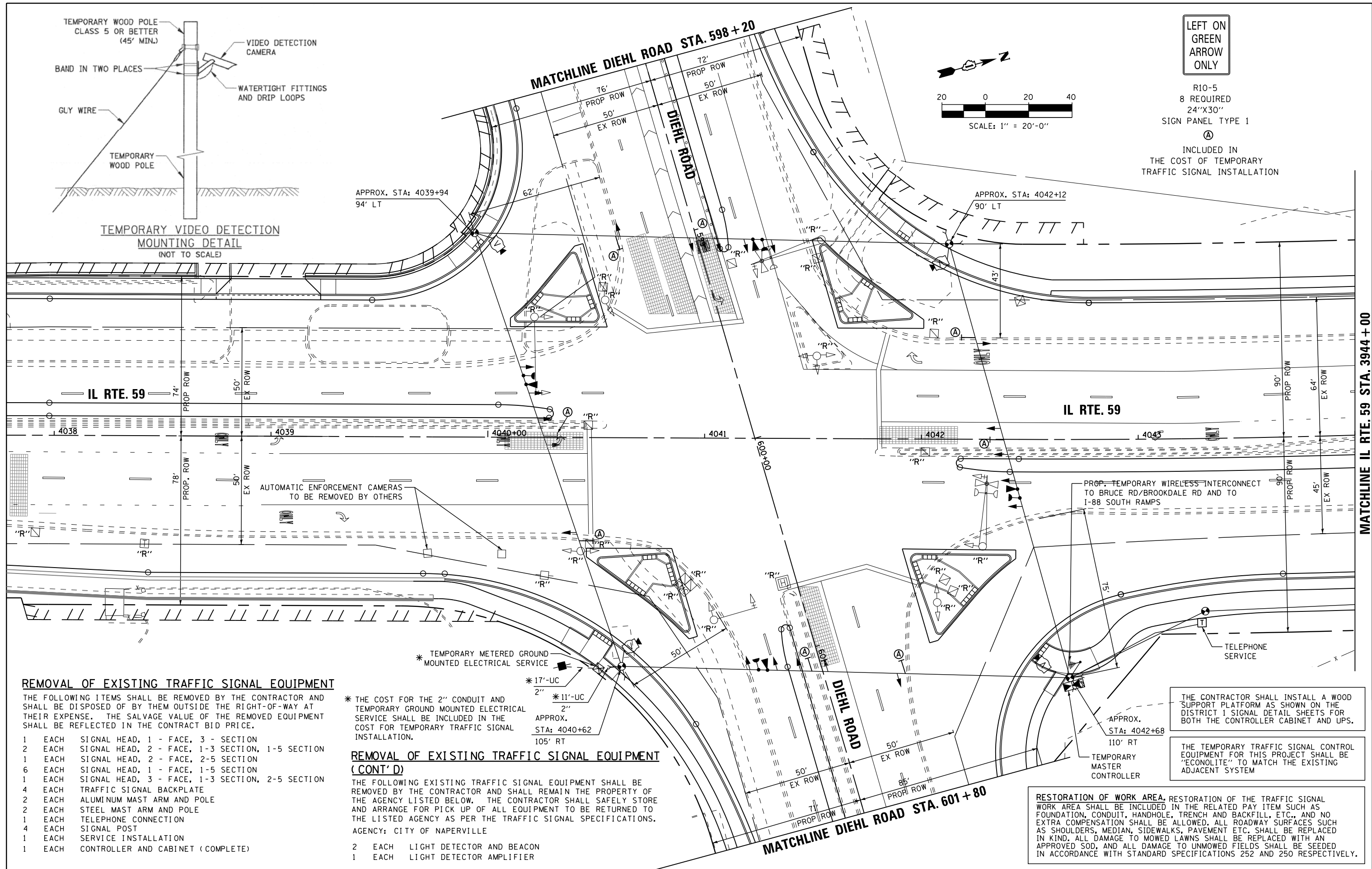
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
338	(112 & 113) WRS-6	DUPAGE	734	397
TS-17			CONTRACT NO. 60R31	
ILLINOIS FEB. AID PROJECT				



**LEFT ON GREEN ARROW ONLY**

R10-5  
 8 REQUIRED  
 24"X30"  
 SIGN PANEL TYPE 1

(A)  
 INCLUDED IN THE COST OF TEMPORARY TRAFFIC SIGNAL INSTALLATION



**REMOVAL OF EXISTING TRAFFIC SIGNAL EQUIPMENT**

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 SIGNAL HEAD, 1 - FACE, 3 - SECTION
- 2 EACH SIGNAL HEAD, 2 - FACE, 1-3 SECTION, 1-5 SECTION
- 1 EACH SIGNAL HEAD, 2 - FACE, 2-5 SECTION
- 6 EACH SIGNAL HEAD, 1 - FACE, 1-5 SECTION
- 1 EACH SIGNAL HEAD, 3 - FACE, 1-3 SECTION, 2-5 SECTION
- 4 EACH TRAFFIC SIGNAL BACKPLATE
- 2 EACH ALUMINUM MAST ARM AND POLE
- 2 EACH STEEL MAST ARM AND POLE
- 1 EACH TELEPHONE CONNECTION
- 4 EACH SIGNAL POST
- 1 EACH SERVICE INSTALLATION
- 1 EACH CONTROLLER AND CABINET (COMPLETE)

\* THE COST FOR THE 2" CONDUIT AND TEMPORARY GROUND MOUNTED ELECTRICAL SERVICE SHALL BE INCLUDED IN THE COST FOR TEMPORARY TRAFFIC SIGNAL INSTALLATION.

**REMOVAL OF EXISTING TRAFFIC SIGNAL EQUIPMENT (CONT'D)**

- THE FOLLOWING EXISTING TRAFFIC SIGNAL EQUIPMENT SHALL BE REMOVED BY THE CONTRACTOR AND 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: CITY OF NAPERVILLE
- 2 EACH LIGHT DETECTOR AND BEACON
  - 1 EACH LIGHT DETECTOR AMPLIFIER

THE CONTRACTOR SHALL INSTALL A WOOD SUPPORT PLATFORM AS SHOWN ON THE DISTRICT 1 SIGNAL DETAIL SHEETS FOR BOTH THE CONTROLLER CABINET AND UPS.

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

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

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DATE -	REVISED -

STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION

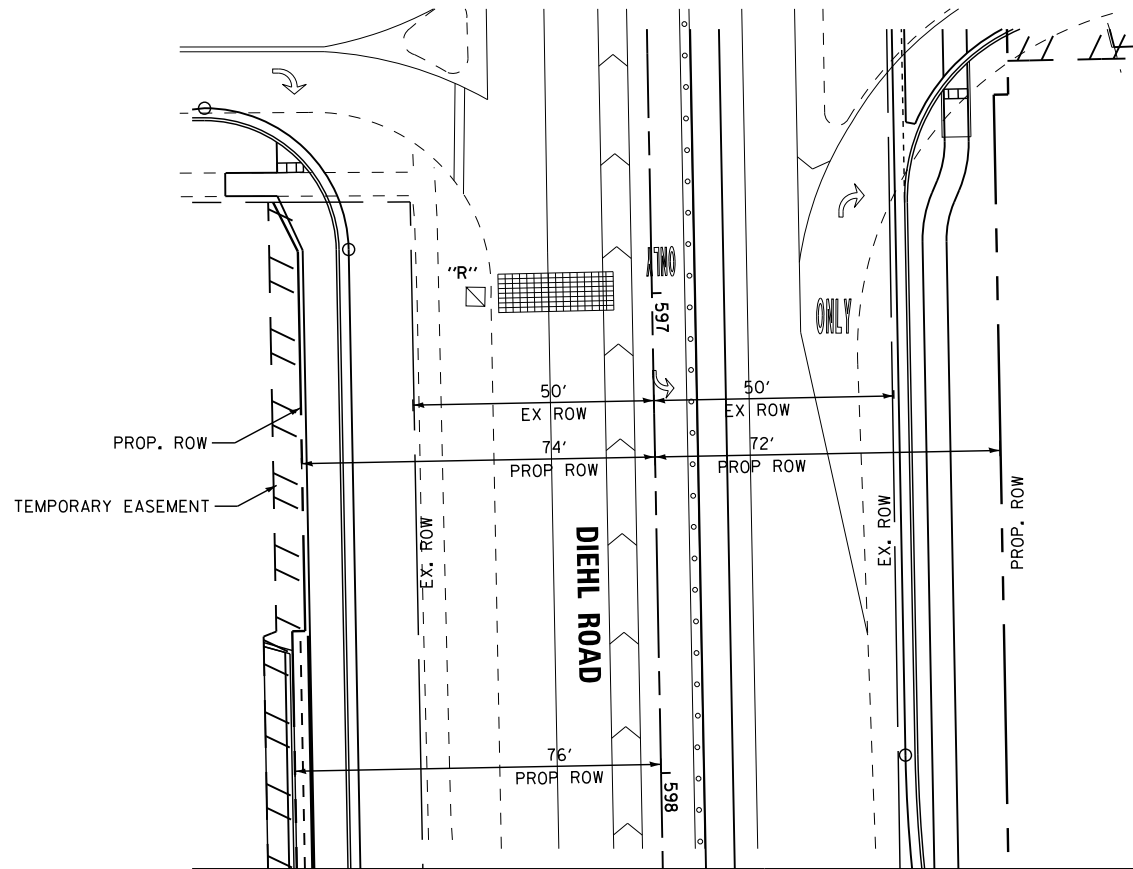
TEMPORARY TRAFFIC SIGNAL INSTALLATION  
 & REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT PLAN  
 IL RTE 59 AT DIEHL ROAD (1 OF 2)

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
338	(112 & 113) WRS-6	DUPAGE	734	398
TS-18			CONTRACT NO. 60R31	
ILLINOIS FED. AID PROJECT				

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

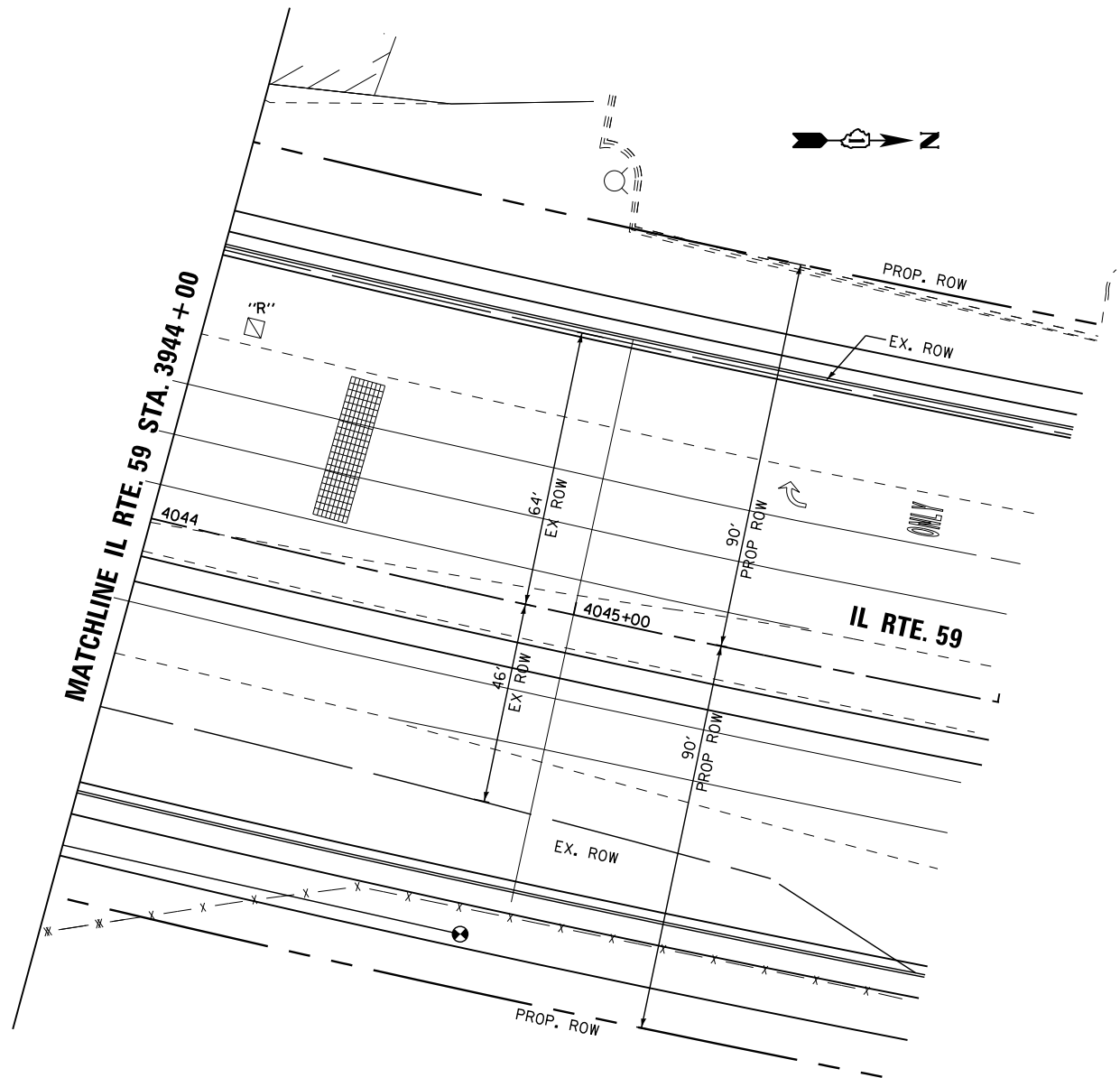
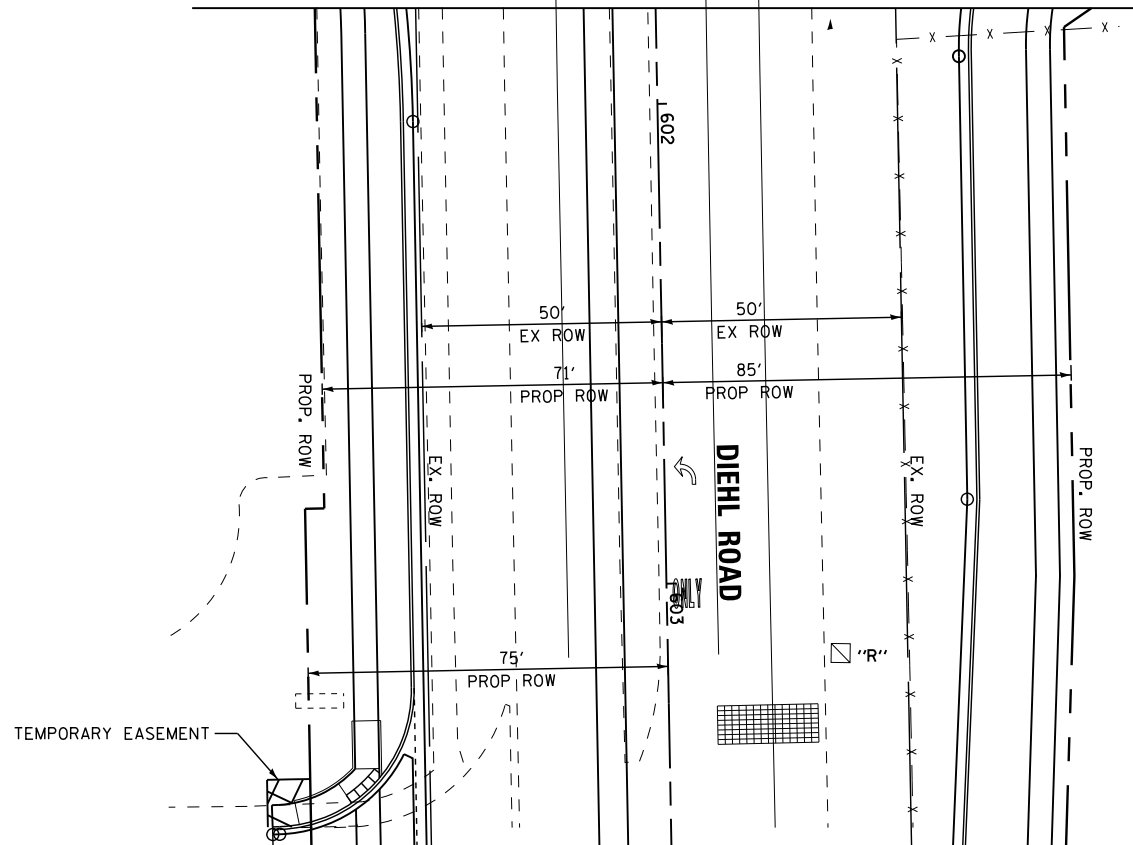
MATCHLINE IL RTE. 59 STA. 3944 + 00





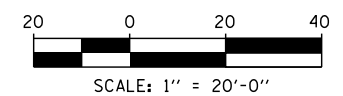
MATCHLINE DIEHL ROAD STA. 598 + 20

MATCHLINE DIEHL ROAD STA. 601 + 80



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

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



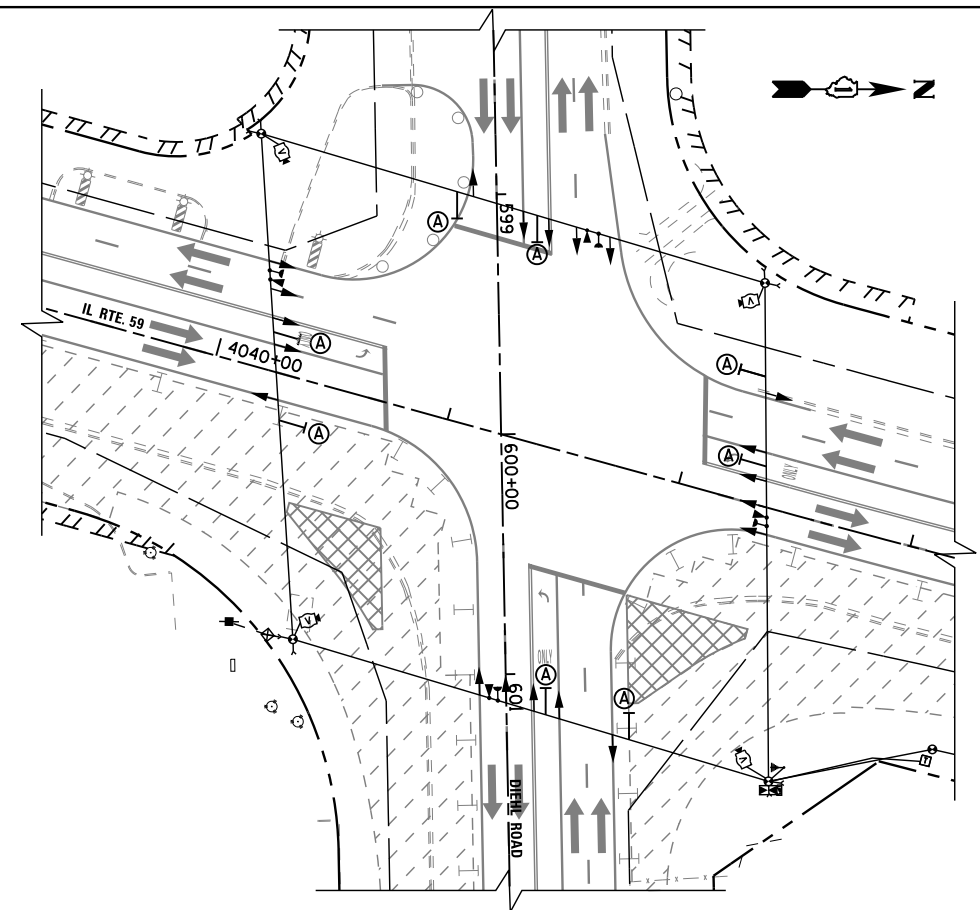
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STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION

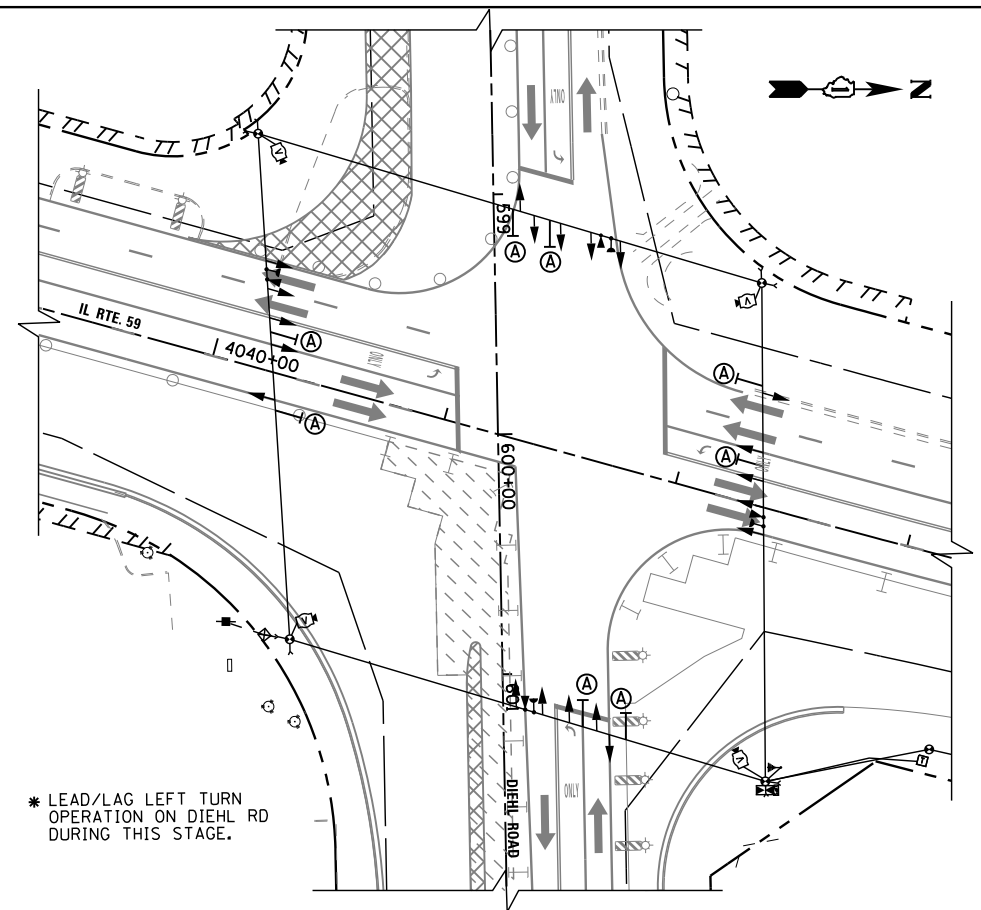
TEMPORARY TRAFFIC SIGNAL INSTALLATION  
 & REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT PLAN  
 IL RTE 59 AT DIEHL ROAD (2 OF 2)

SCALE: 1"=20' SHEET NO. 2 OF 4 SHEETS STA. TO STA.

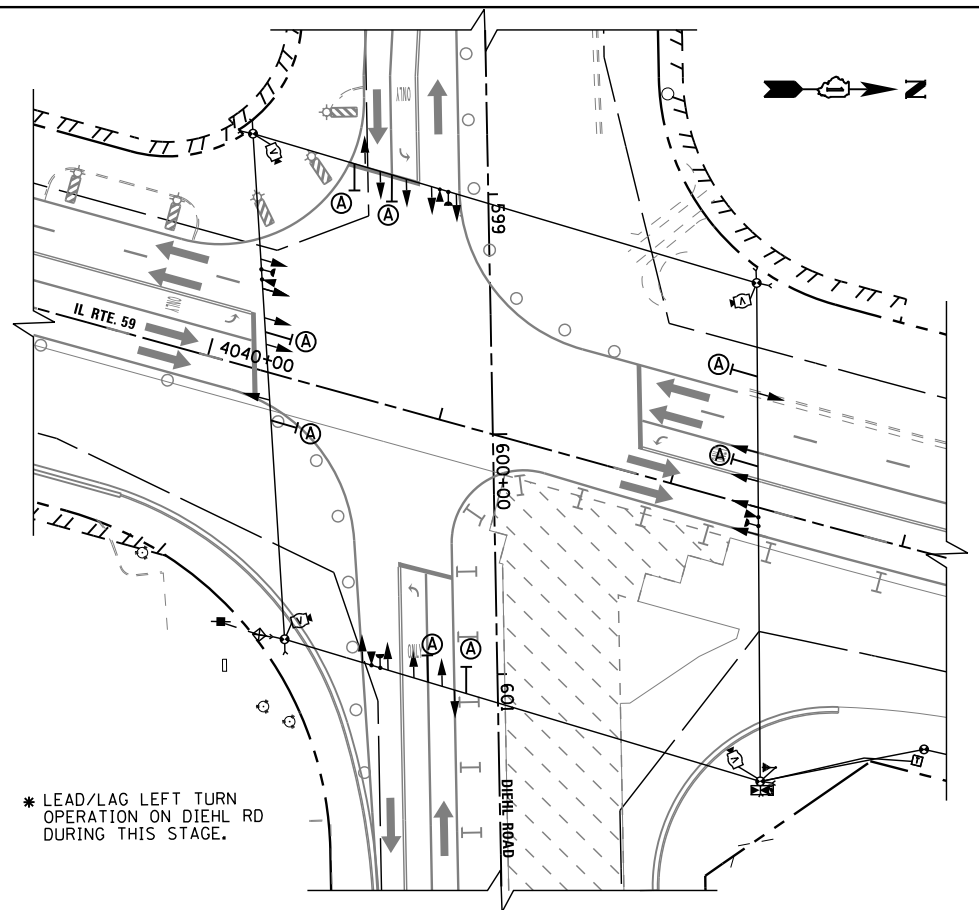
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TS-19			CONTRACT NO. 60R31	
ILLINOIS FED. AID PROJECT				



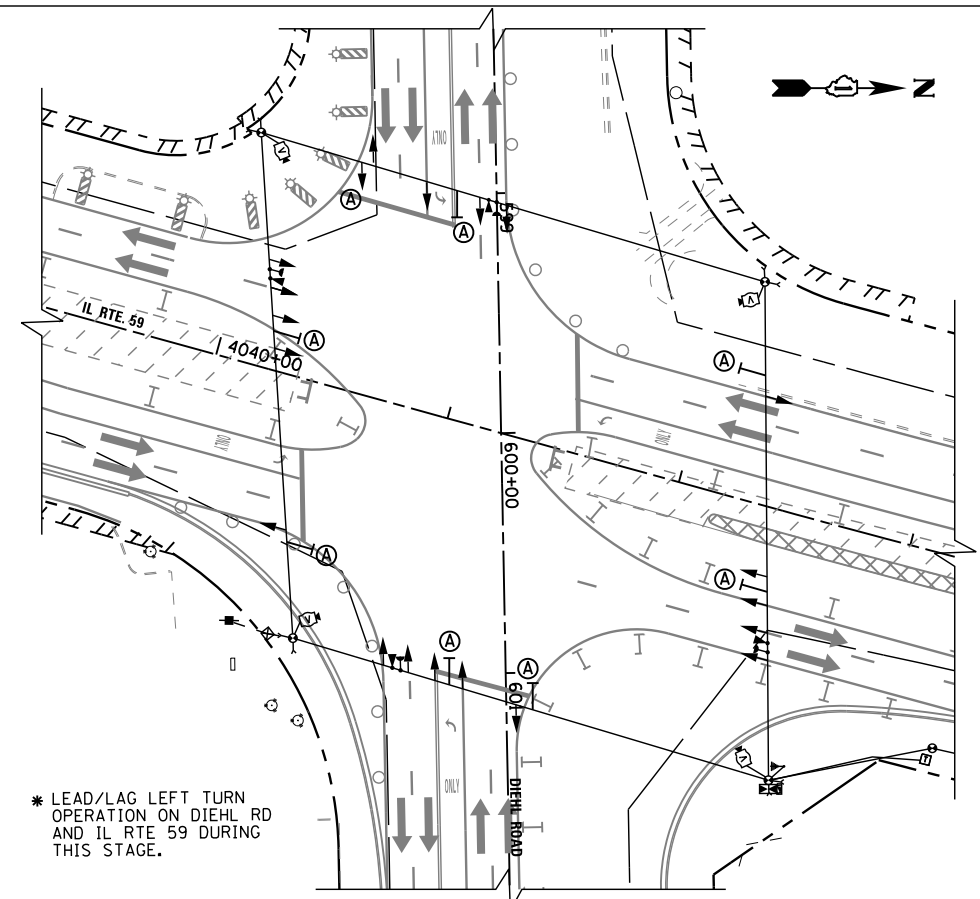
**TEMPORARY TRAFFIC SIGNAL STAGE 1**



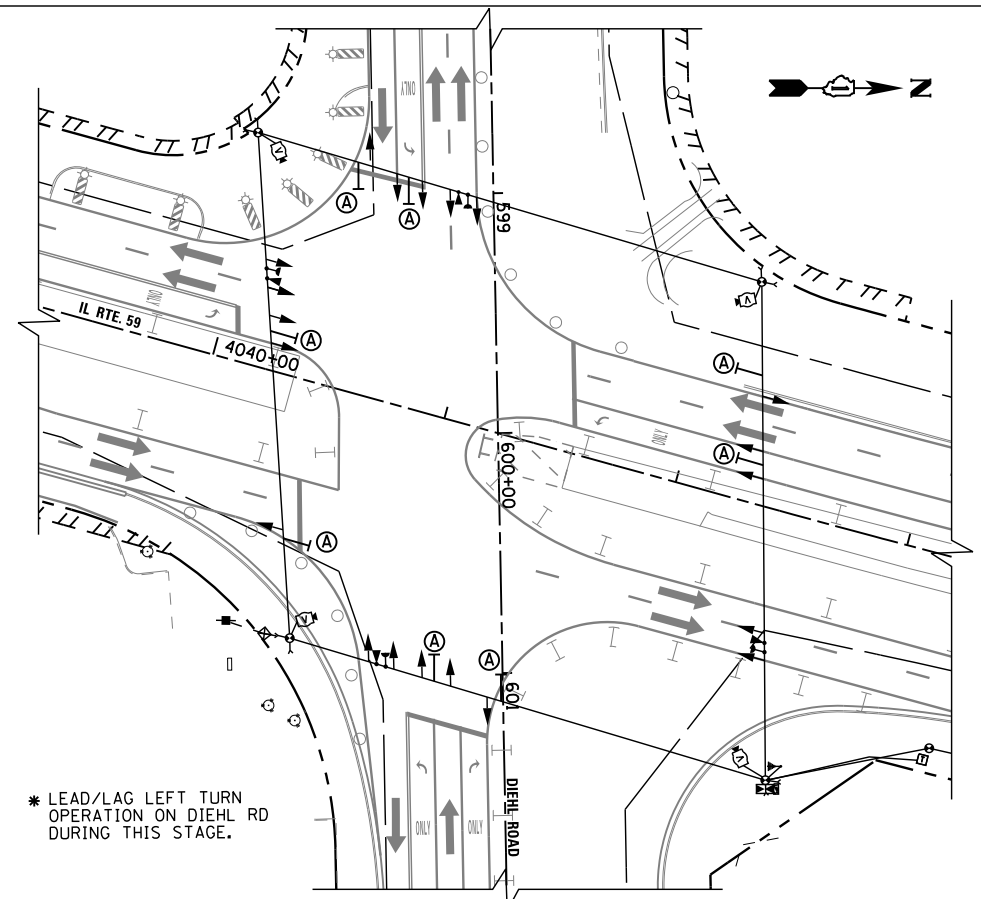
**TEMPORARY TRAFFIC SIGNAL STAGE 1A**



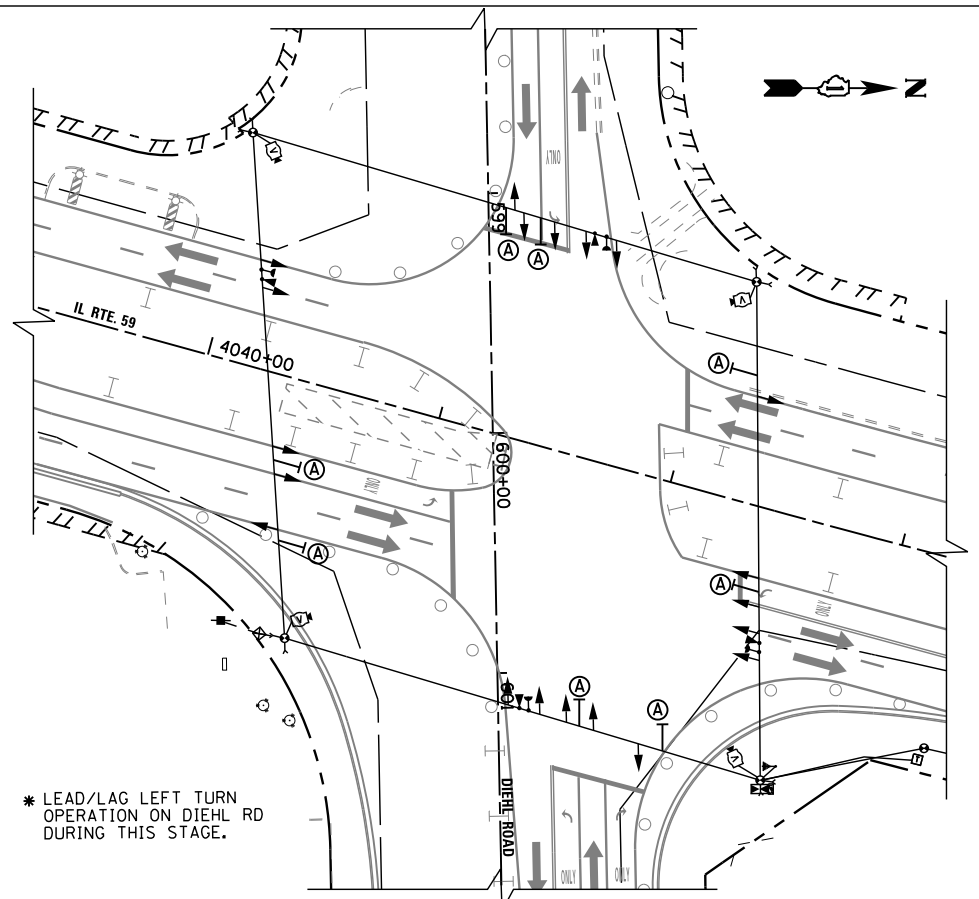
**TEMPORARY TRAFFIC SIGNAL STAGE 1B-1C**



**TEMPORARY TRAFFIC SIGNAL STAGE 2**



**TEMPORARY TRAFFIC SIGNAL STAGE 2A**



**TEMPORARY TRAFFIC SIGNAL STAGE 2B**

\* LEAD/LAG LEFT TURN OPERATION ON DIEHL RD AND IL RTE 59 DURING THIS STAGE.

\* LEAD/LAG LEFT TURN OPERATION ON DIEHL RD DURING THIS STAGE.

\* LEAD/LAG LEFT TURN OPERATION ON DIEHL RD DURING THIS STAGE.

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**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

**TEMPORARY TRAFFIC SIGNAL INSTALLATION  
 M.O.T. STAGING PLAN (1 OF 2)  
 IL RTE 59 AT DIEHL ROAD**

SCALE: N.T.S. SHEET NO. 3 OF 4 SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
338	(112 & 113) WRS-6	DUPAGE	734	400
<b>TS-20</b>		CONTRACT NO. 60R31		
ILLINOIS FED. AID PROJECT				