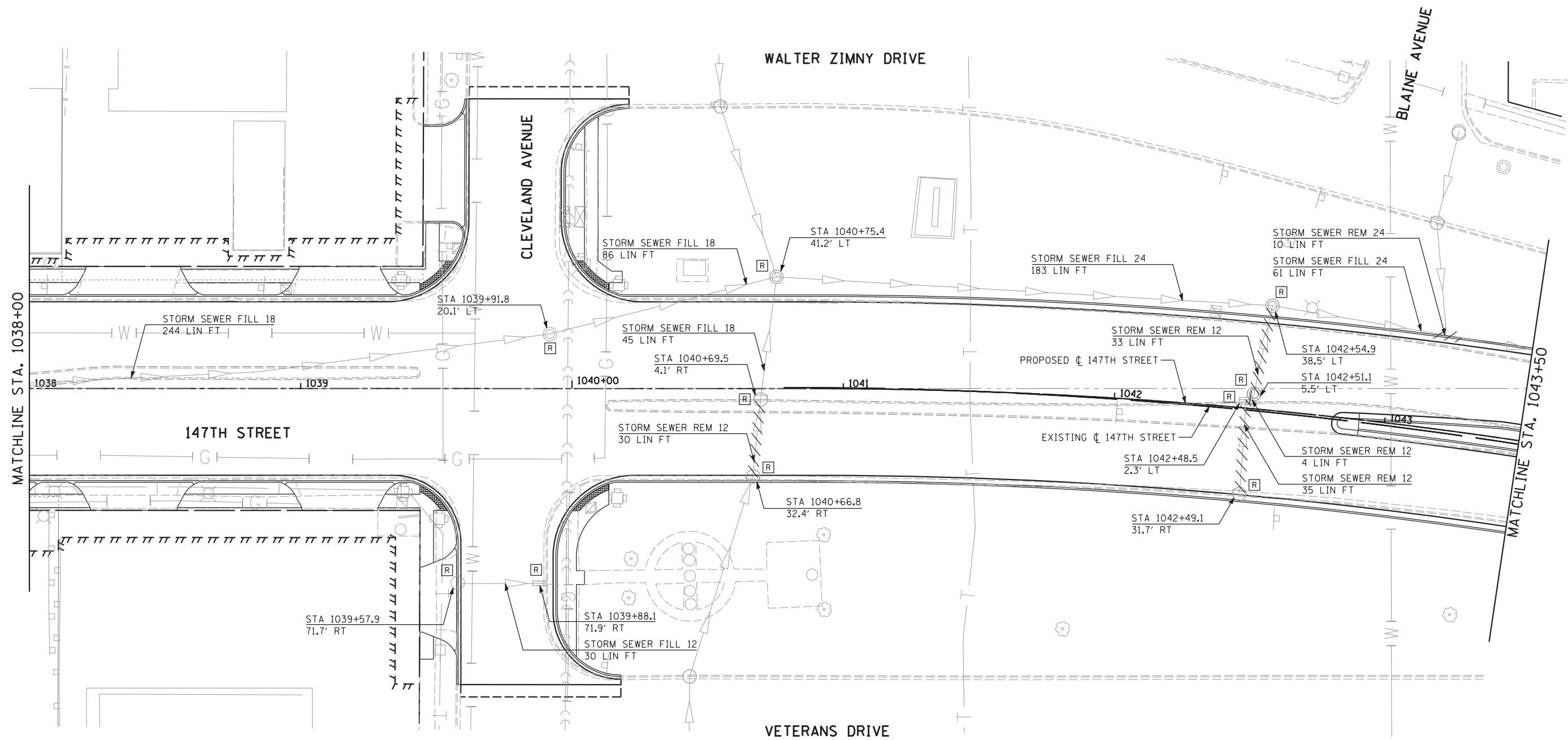


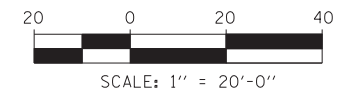


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NOTE:  
 ALL ABANDONED SEWER WITHIN THE RIGHT-OF-WAY AND AS INDICATED ON THE PLANS SHALL BE FILLED WITH CONTROLLED LOW STRENGTH MATERIAL (CLSM) AND PLUGGED ON EACH END. THIS WORK WILL BE PAID FOR AT THE CONTRACT UNIT PRICE PER CUBIC YARD OF CLSM.

LEGEND	
	EXISTING RIGHT-OF-WAY
	PROPOSED RIGHT-OF-WAY
	PROPOSED TEMPORARY EASEMENT

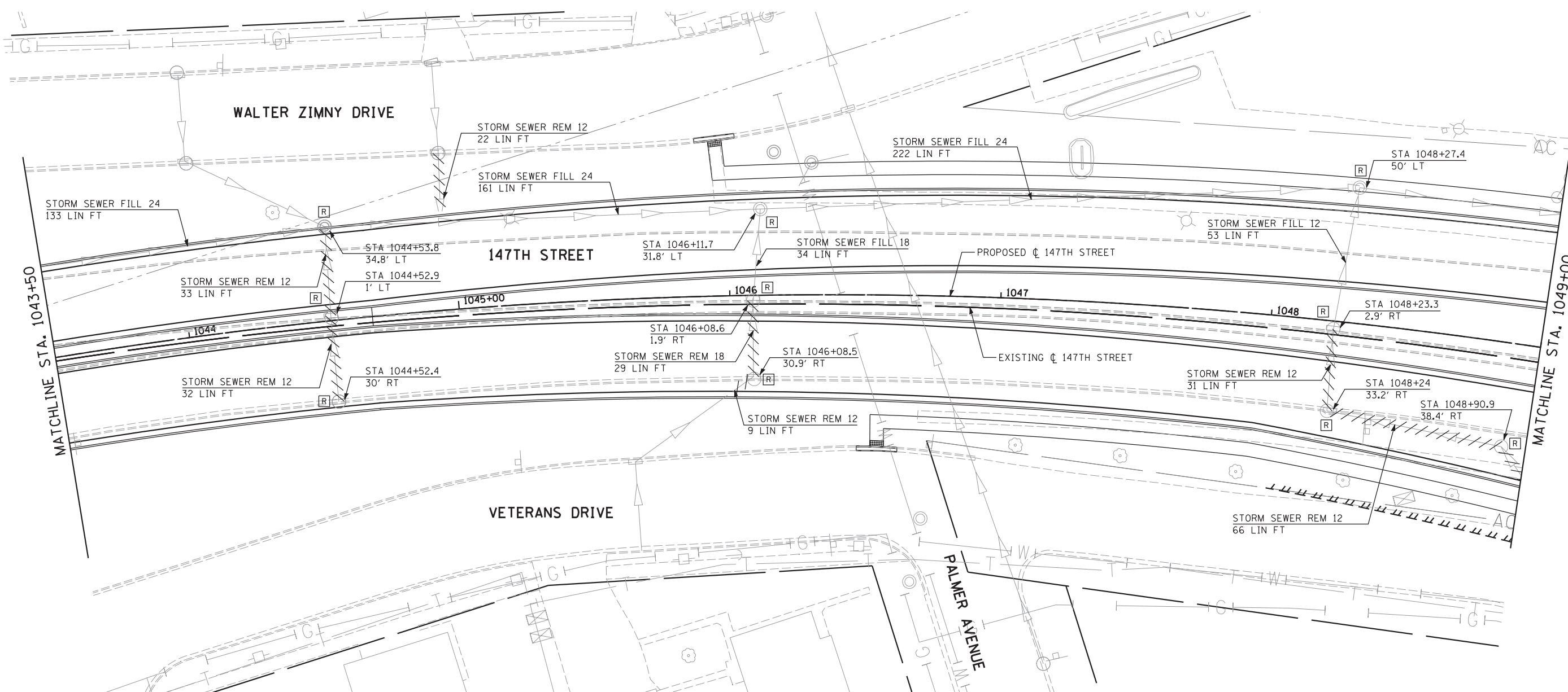


 HRGreen.com Illinois Professional Design Firm # 164-001322	USER NAME =	DESIGNED - JRS	REVISED - JRS 12/01/2011
		DRAWN - MJF	REVISED - JRS 02/15/2012
	PLOT SCALE =	CHECKED - APS	REVISED - JRS 05/04/2012
	PLOT DATE =	DATE - 7/22/2011	REVISED -

**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

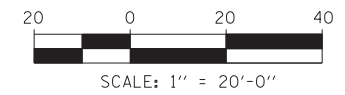
<b>147TH STREET PROJECT</b>			
<b>EXISTING DRAINAGE AND REMOVAL PLAN - 147TH STREET</b>			
SCALE: 1"=20'	SHEET NO. 4 OF 15 SHEETS	STA. 1038+00 TO STA. 1043+50	

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	(0405-1 & 0506-2) R-1	COOK	577	201
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT			CONTRACT NO. 60M57	



NOTE:  
 ALL ABANDONED SEWER WITHIN THE RIGHT-OF-WAY AND AS INDICATED ON THE PLANS SHALL BE FILLED WITH CONTROLLED LOW STRENGTH MATERIAL (CLSM) AND PLUGGED ON EACH END. THIS WORK WILL BE PAID FOR AT THE CONTRACT UNIT PRICE PER CUBIC YARD OF CLSM.

LEGEND		
	EXISTING RIGHT-OF-WAY	
	PROPOSED RIGHT-OF-WAY	
	PROPOSED TEMPORARY EASEMENT	

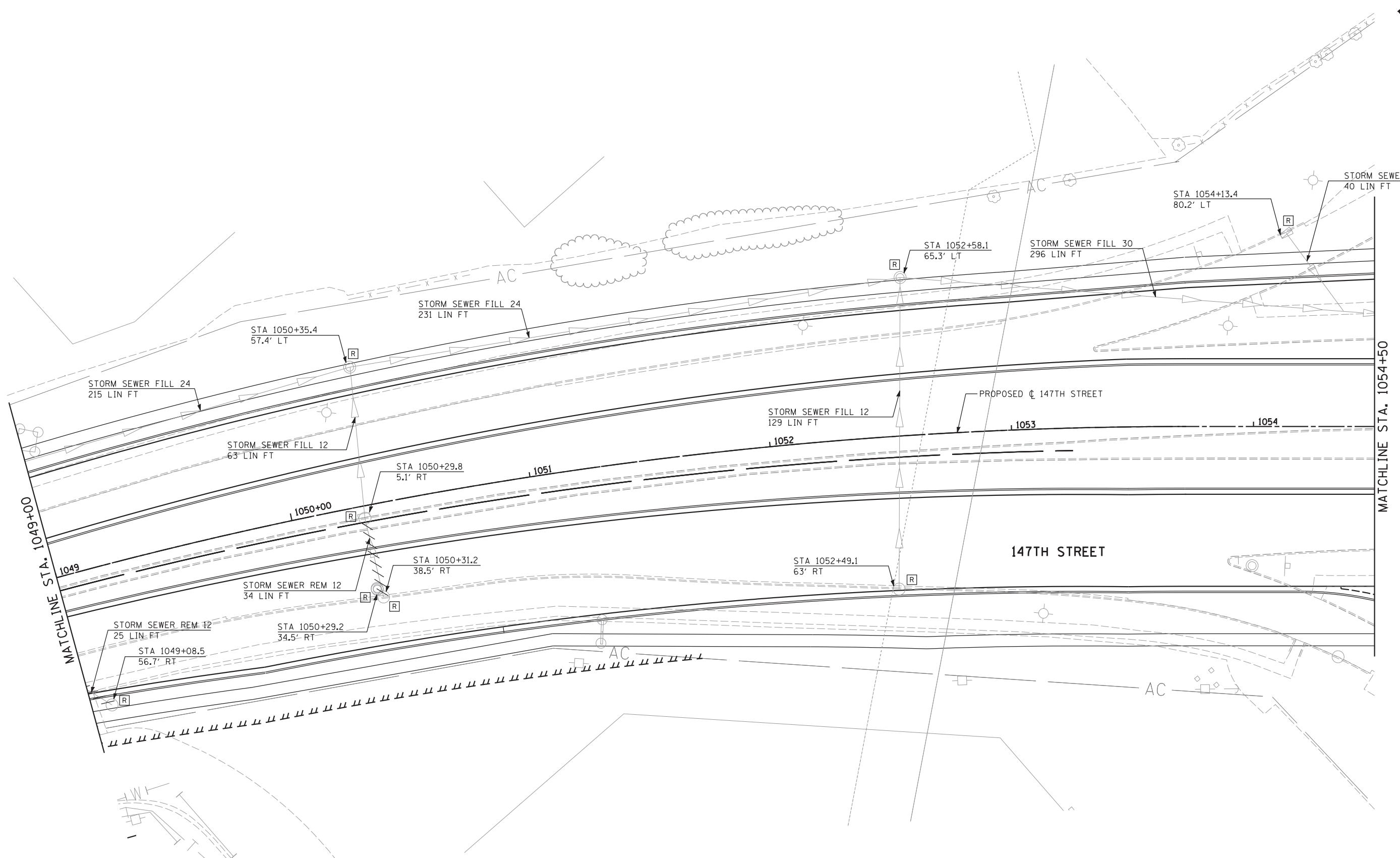


USER NAME =	DESIGNED - JRS	REVISED - JRS 12/01/2011
	DRAWN - MJF	REVISED - JRS 02/15/2012
PLOT SCALE =	CHECKED - APS	REVISED - JRS 05/04/2012
PLOT DATE	DATE - 7/22/2011	REVISED -

**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

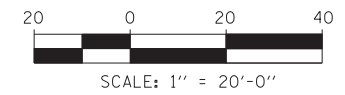
147TH STREET PROJECT EXISTING DRAINAGE AND REMOVAL PLAN - 147TH STREET			
SCALE: 1"=20'	SHEET NO. 5 OF 15 SHEETS	STA. 1043+50 TO STA. 1049+00	

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	(0405-1 & 0506-2) R-1	COOK	577	202
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT			CONTRACT NO. 60M57	



NOTE:  
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LEGEND	
	EXISTING RIGHT-OF-WAY
	PROPOSED RIGHT-OF-WAY
	PROPOSED TEMPORARY EASEMENT



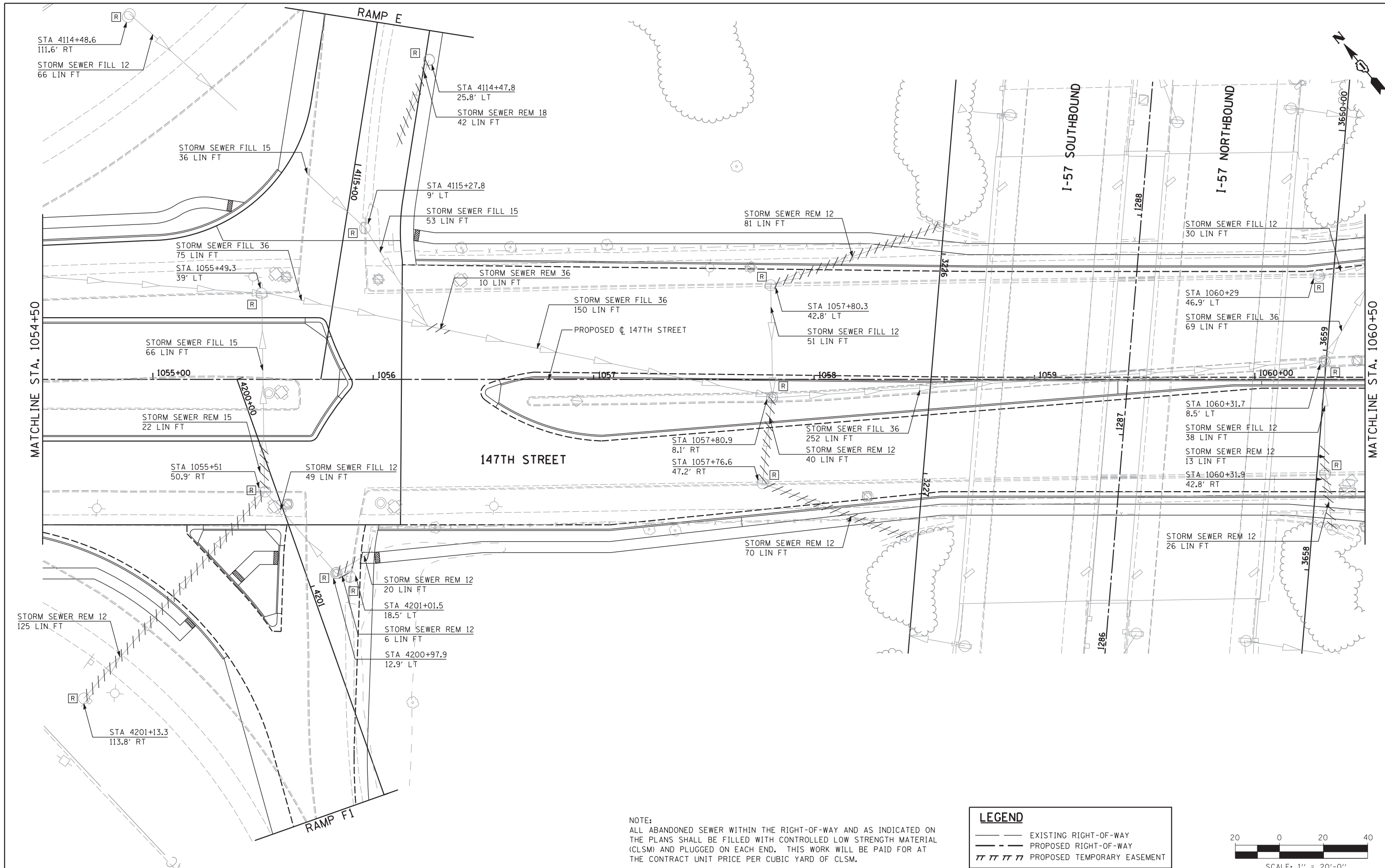
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USER NAME =	DESIGNED - JRS	REVISED - JRS 12/01/2011
	DRAWN - MJF	REVISED - JRS 02/15/2012
PLOT SCALE =	CHECKED - APS	REVISED - JRS 05/04/2012
PLOT DATE	DATE - 7/22/2011	REVISED -

**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

<b>147TH STREET PROJECT</b>			
<b>EXISTING DRAINAGE AND REMOVAL PLAN - 147TH STREET</b>			
SCALE: 1"=20'	SHEET NO. 6 OF 15 SHEETS	STA. 1049+00 TO STA. 1054+50	

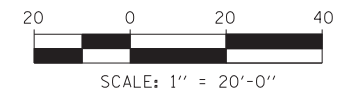
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	(0405-1 & 0506-2) R-1	COOK	577	203
CONTRACT NO. 60M57				
FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT			



NOTE:  
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**LEGEND**

- — — — — EXISTING RIGHT-OF-WAY
- - - - - PROPOSED RIGHT-OF-WAY
- ||||| PROPOSED TEMPORARY EASEMENT



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	DRAWN - MJF	REVISED - JRS 02/15/2012
PLOT SCALE =	CHECKED - APS	REVISED - JRS 05/04/2012
PLOT DATE	DATE - 7/22/2011	REVISED -

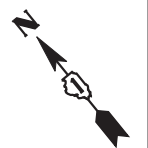
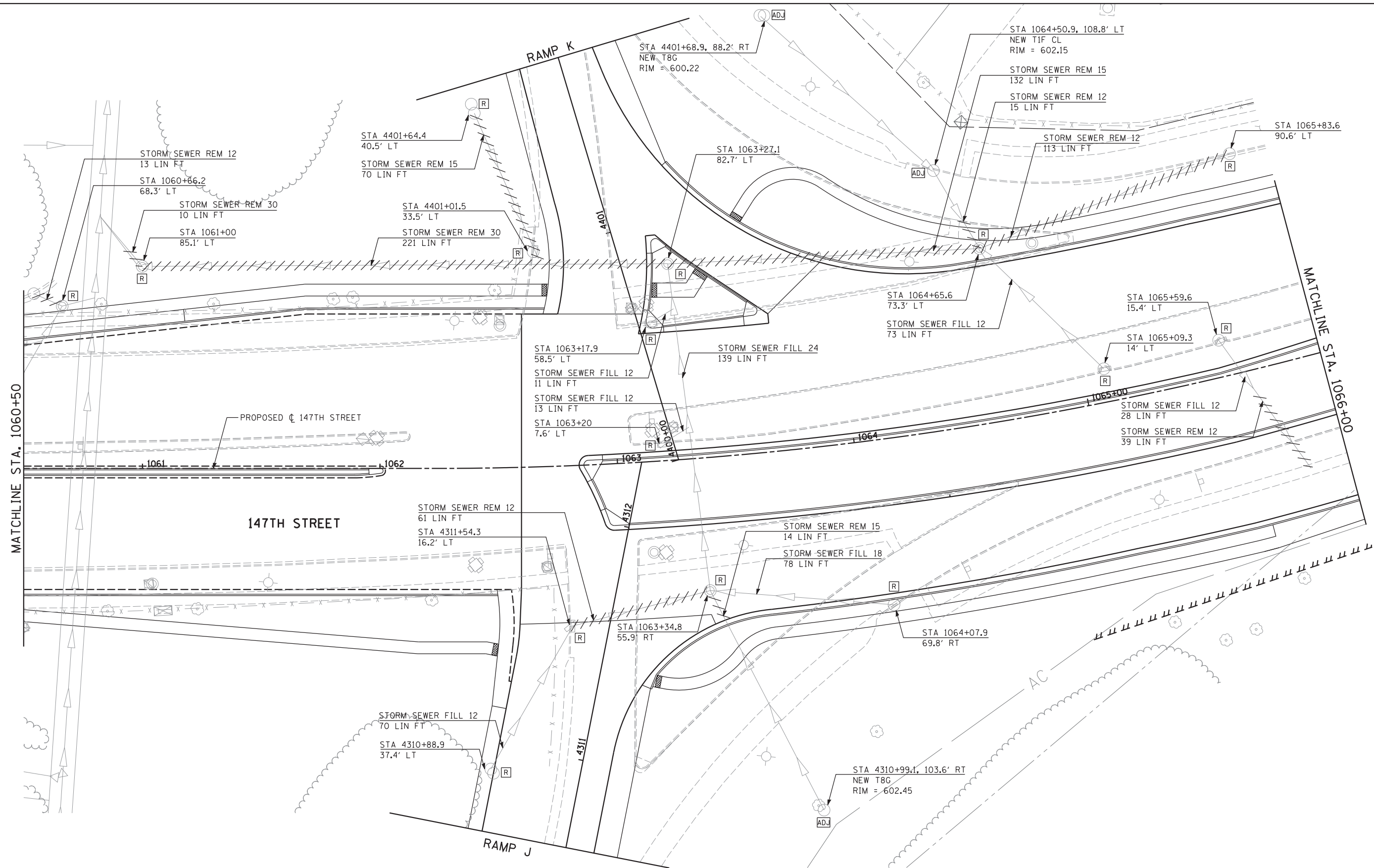
**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

**147TH STREET PROJECT**  
**EXISTING DRAINAGE AND REMOVAL PLAN - 147TH STREET**

SCALE: 1"=20' SHEET NO. 7 OF 15 SHEETS STA. 1054+50 TO STA. 1060+50

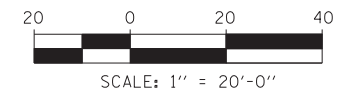
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	(0405-1 & 0506-2) R-1	COOK	577	204
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT			CONTRACT NO. 60M57	

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NOTE:  
 ALL ABANDONED SEWER WITHIN THE RIGHT-OF-WAY AND AS INDICATED ON THE PLANS SHALL BE FILLED WITH CONTROLLED LOW STRENGTH MATERIAL (CLSM) AND PLUGGED ON EACH END. THIS WORK WILL BE PAID FOR AT THE CONTRACT UNIT PRICE PER CUBIC YARD OF CLSM.

LEGEND	
	EXISTING RIGHT-OF-WAY
	PROPOSED RIGHT-OF-WAY
	PROPOSED TEMPORARY EASEMENT



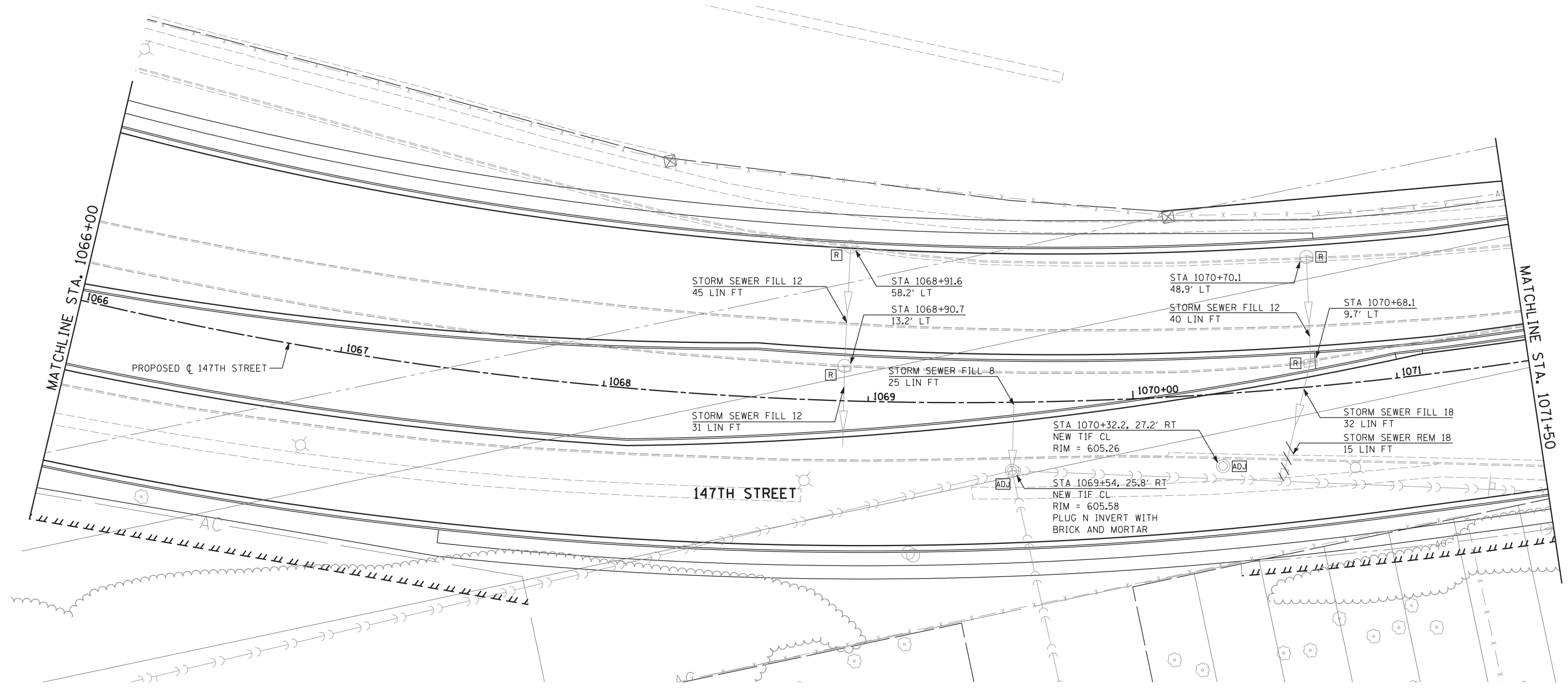
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	DRAWN - MJF	REVISED - JRS 02/15/2012
PLOT SCALE =	CHECKED - APS	REVISED - JRS 05/04/2012
PLOT DATE	DATE - 7/22/2011	REVISED -

**STATE OF ILLINOIS  
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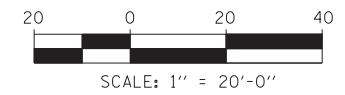
<b>147TH STREET PROJECT</b>	
<b>EXISTING DRAINAGE AND REMOVAL PLAN - 147TH STREET</b>	
SCALE: 1"=20'	SHEET NO. 8 OF 15 SHEETS
STA. 1060+50	TO STA. 1066+00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	(0405-1 & 0506-2) R-1	COOK	577	205
FED. ROAD DIST. NO.			ILLINOIS FED. AID PROJECT	
			CONTRACT NO. 60M57	



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LEGEND	
	EXISTING RIGHT-OF-WAY
	PROPOSED RIGHT-OF-WAY
	PROPOSED TEMPORARY EASEMENT



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	DRAWN - MJF	REVISED - JRS 02/15/2012
PLOT SCALE =	CHECKED - APS	REVISED - JRS 05/04/2012
PLOT DATE	DATE - 7/22/2011	REVISED -

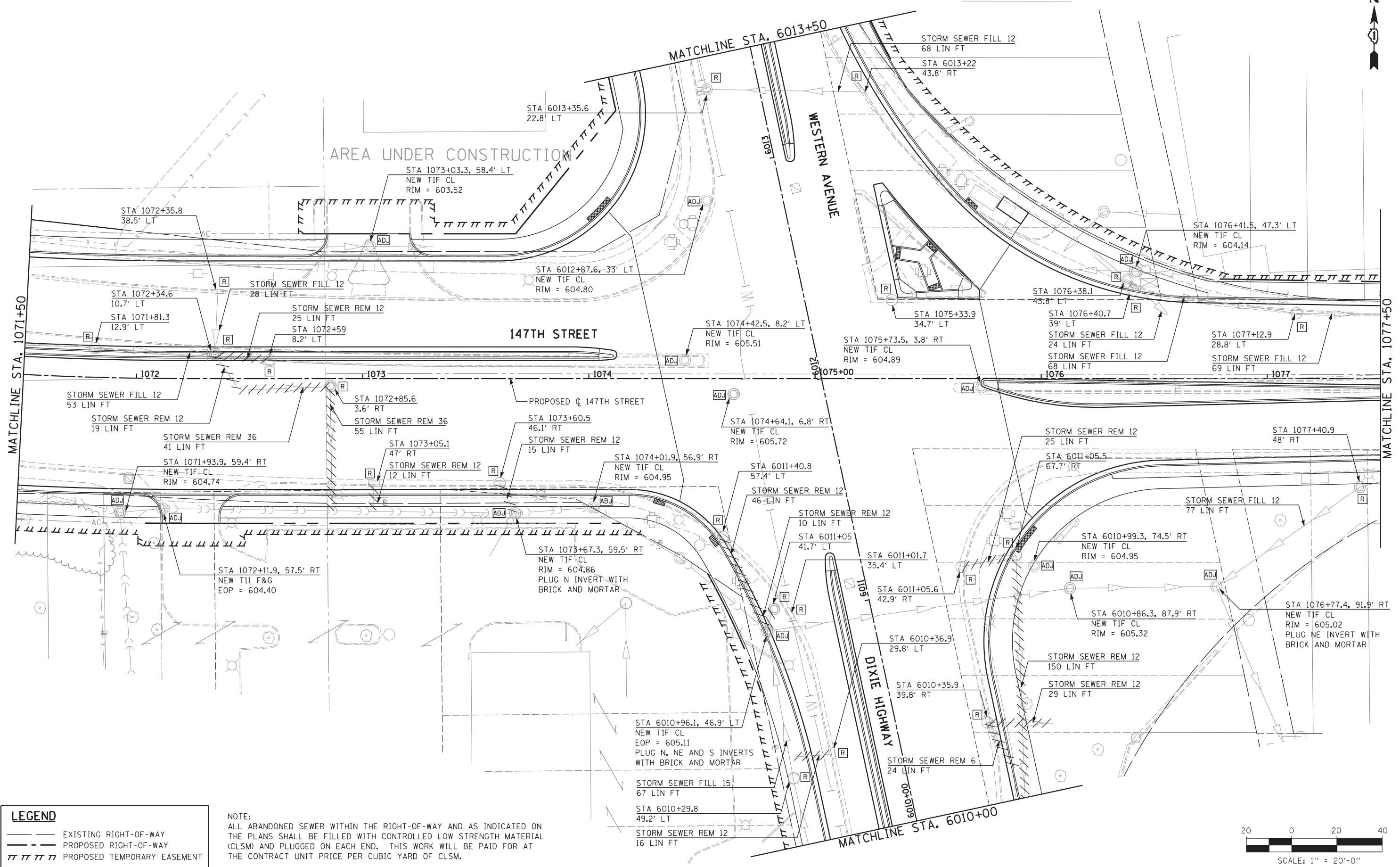
**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

<b>147TH STREET PROJECT</b>		
<b>EXISTING DRAINAGE AND REMOVAL PLAN - 147TH STREET</b>		
SCALE: 1"=20'	SHEET NO. 9 OF 15 SHEETS	STA. 1066+00 TO STA. 1071+50

F.A.I. R.T.E.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	(0405-1 & 0506-2) R-1	COOK	577	206
CONTRACT NO. 60M57				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				



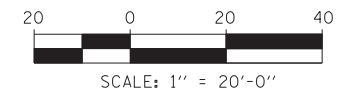
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**LEGEND**

- EXISTING RIGHT-OF-WAY
- - - PROPOSED RIGHT-OF-WAY
- /// PROPOSED TEMPORARY EASEMENT

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USER NAME =	DESIGNED - JRS	REVISED - JRS 12/01/2011
	DRAWN - MJF	REVISED - JRS 02/15/2012
PLOT SCALE =	CHECKED - APS	REVISED - JRS 05/04/2012
PLOT DATE	DATE - 7/22/2011	REVISED -

**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

**147TH STREET PROJECT  
 EXISTING DRAINAGE AND REMOVAL PLAN - 147TH STREET**

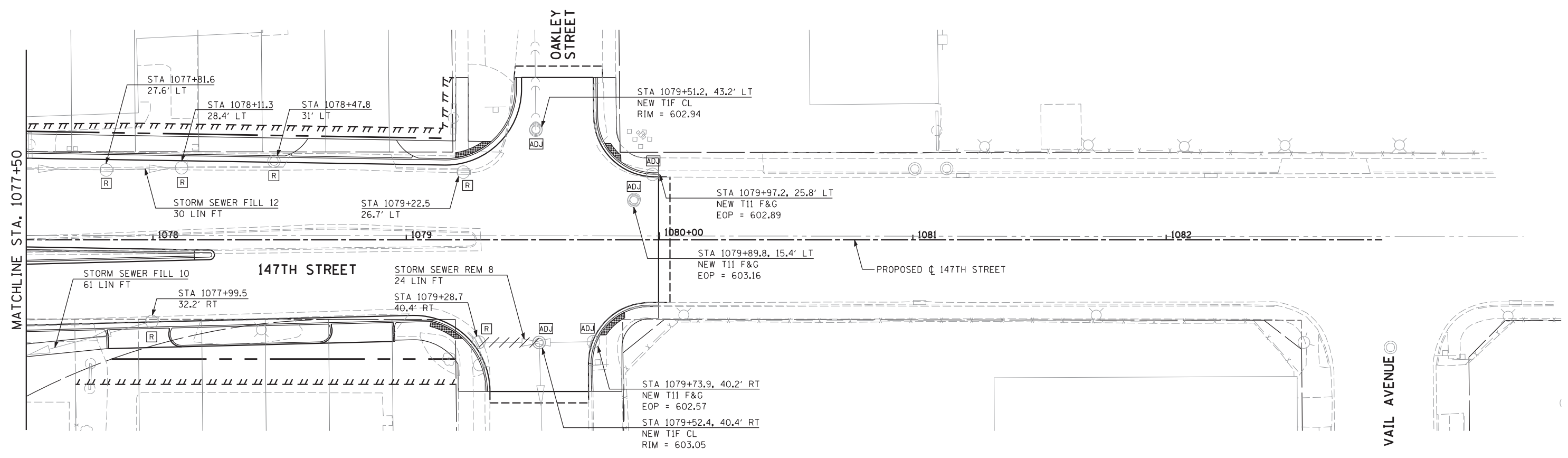
SCALE: 1"=20' SHEET NO. 10 OF 15 SHEETS STA. 1071+50 TO STA. 1077+50

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	(0405-1 & 0506-2) R-1	COOK	577	207
FED. ROAD DIST. NO.			ILLINOIS FED. AID PROJECT	
			CONTRACT NO. 60M57	

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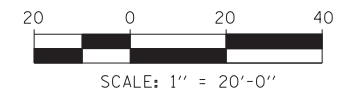


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NOTE:  
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LEGEND	
	EXISTING RIGHT-OF-WAY
	PROPOSED RIGHT-OF-WAY
	PROPOSED TEMPORARY EASEMENT



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	DRAWN - MJF	REVISED - JRS 02/15/2012
PLOT SCALE =	CHECKED - APS	REVISED - JRS 05/04/2012
PLOT DATE	DATE - 7/22/2011	REVISED -

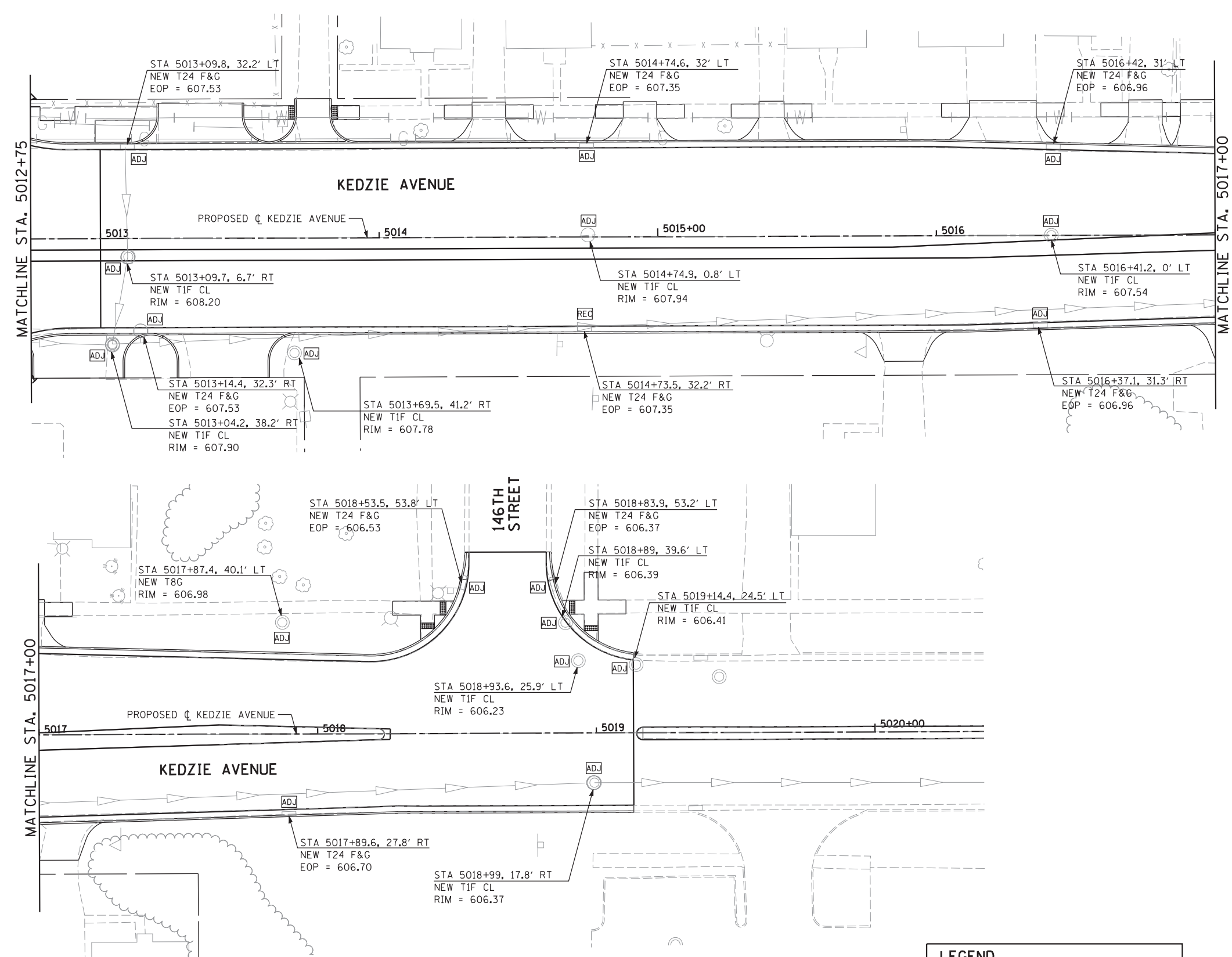
**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

**147TH STREET PROJECT  
 EXISTING DRAINAGE AND REMOVAL PLAN - 147TH STREET**

SCALE: 1"=20' SHEET NO. 11 OF 15 SHEETS STA. 1077+50 TO STA. 1083+00

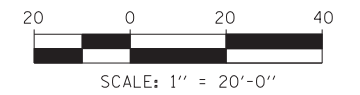
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	(0405-1 & 0506-2) R-1	COOK	577	208
CONTRACT NO. 60M57				
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		





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LEGEND	
	EXISTING RIGHT-OF-WAY
	PROPOSED RIGHT-OF-WAY
	PROPOSED TEMPORARY EASEMENT



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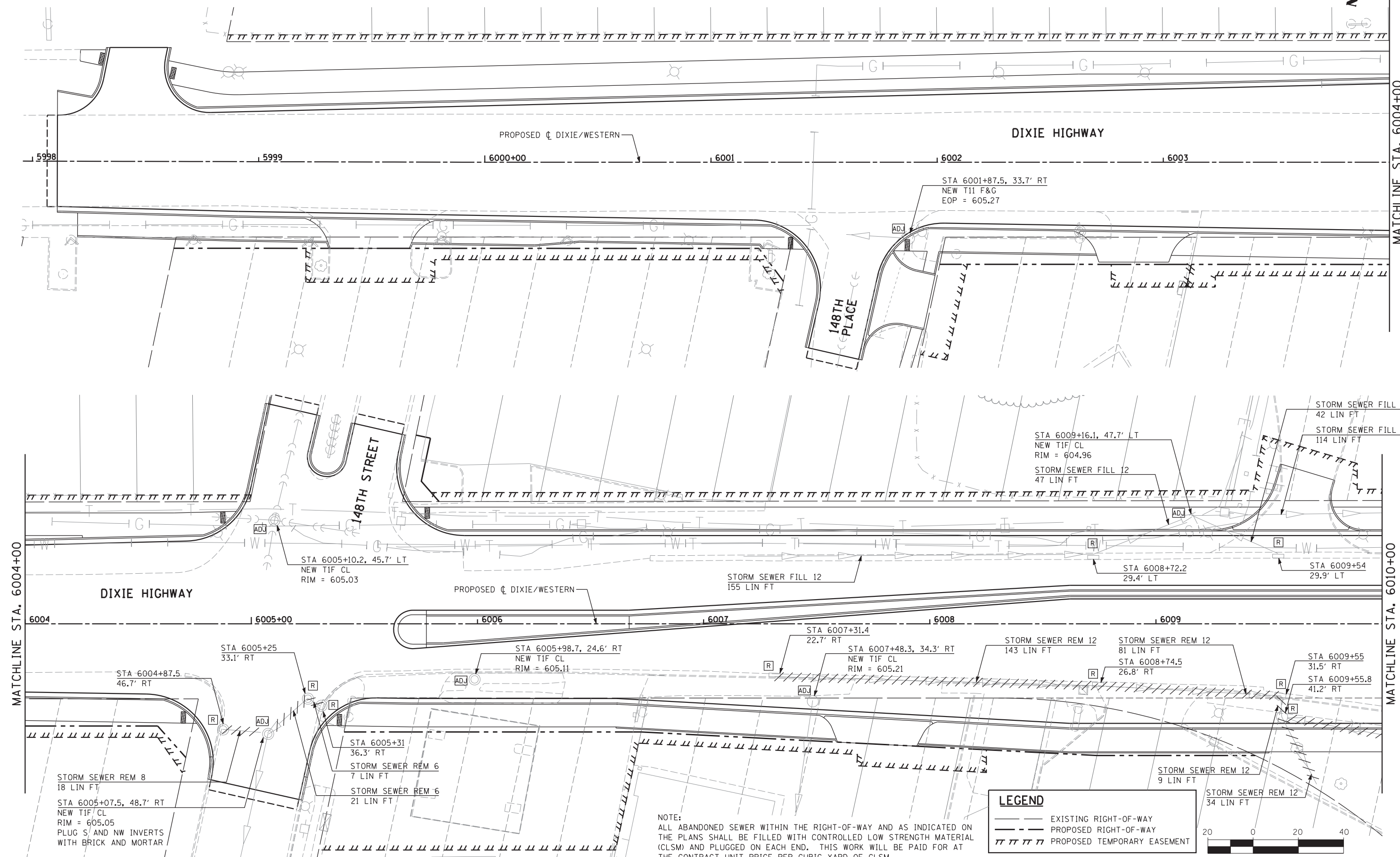
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	DRAWN - MJF	REVISED - JRS 02/15/2012
PLOT SCALE =	CHECKED - APS	REVISED - JRS 05/04/2012
PLOT DATE	DATE - 7/22/2011	REVISED -

**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

**147TH STREET PROJECT  
 EXISTING DRAINAGE AND REMOVAL PLAN - KEDZIE AVENUE**

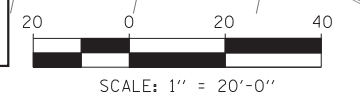
SCALE: 1"=20' SHEET NO. 12 OF 15 SHEETS STA. 5012+75 TO STA. 5020+00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	(0405-1 & 0506-2) R-1	COOK	577	209
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT			CONTRACT NO. 60M57	



**LEGEND**

- EXISTING RIGHT-OF-WAY
- - - PROPOSED RIGHT-OF-WAY
- ||||| PROPOSED TEMPORARY EASEMENT



MATCHLINE STA. 6004+00

MATCHLINE STA. 6010+00



USER NAME =	DESIGNED - JRS	REVISED - JRS 12/01/2011
	DRAWN - MJF	REVISED - JRS 02/15/2012
PLOT SCALE =	CHECKED - APS	REVISED - JRS 05/04/2012
PLOT DATE	DATE - 7/22/2011	REVISED -

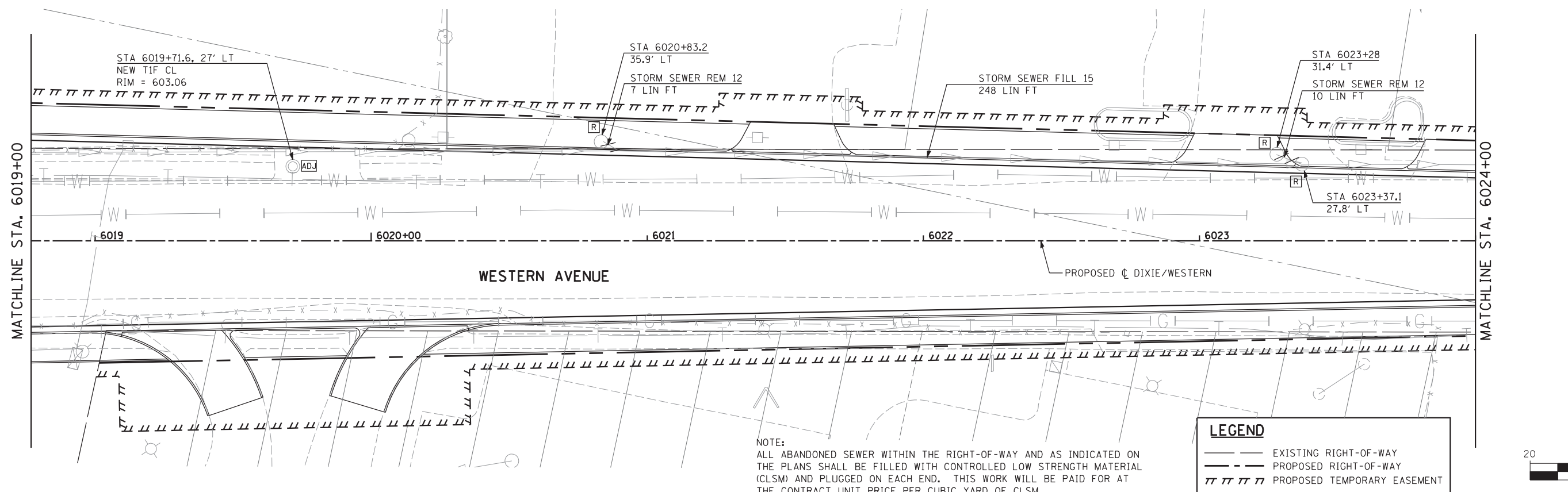
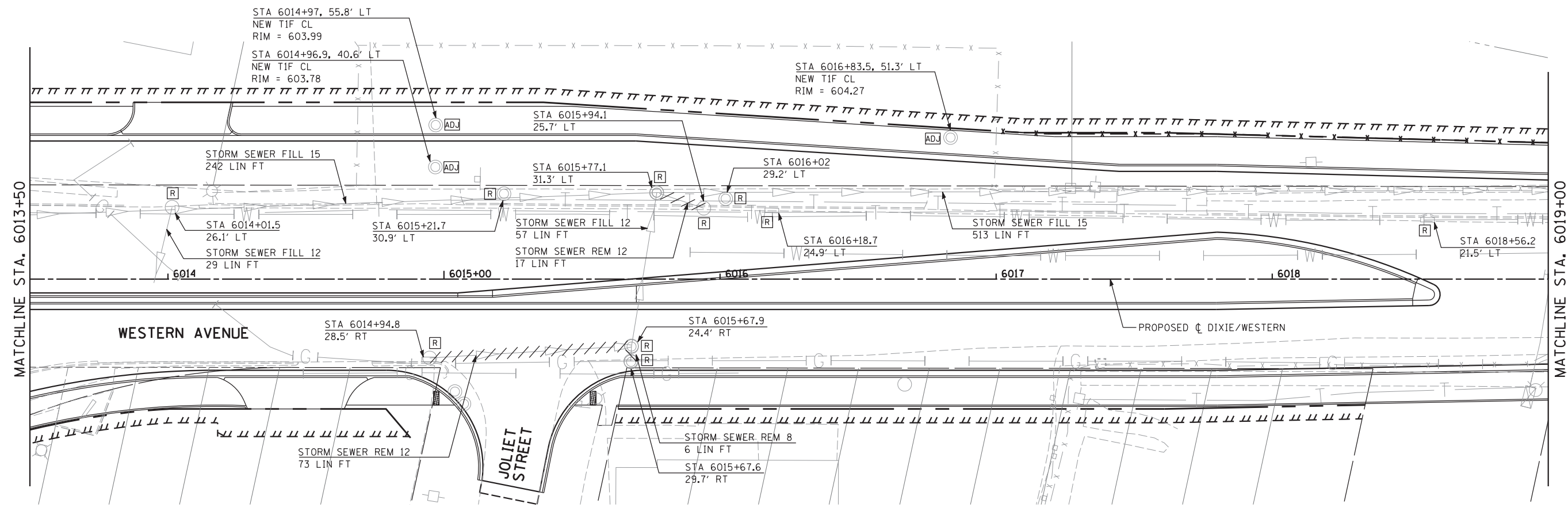
**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**147TH STREET PROJECT  
EXISTING DRAINAGE AND REMOVAL PLAN - DIXIE HWY**

SCALE: 1"=20' SHEET NO. 13 OF 15 SHEETS STA. 5998+00 TO STA. 6010+00

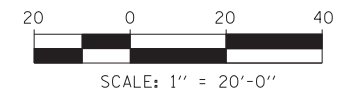
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	(0405-1 & 0506-2) R-1	COOK	577	210
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT			CONTRACT NO. 60M57	

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NOTE:  
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LEGEND		
	EXISTING RIGHT-OF-WAY	
	PROPOSED RIGHT-OF-WAY	
	PROPOSED TEMPORARY EASEMENT	



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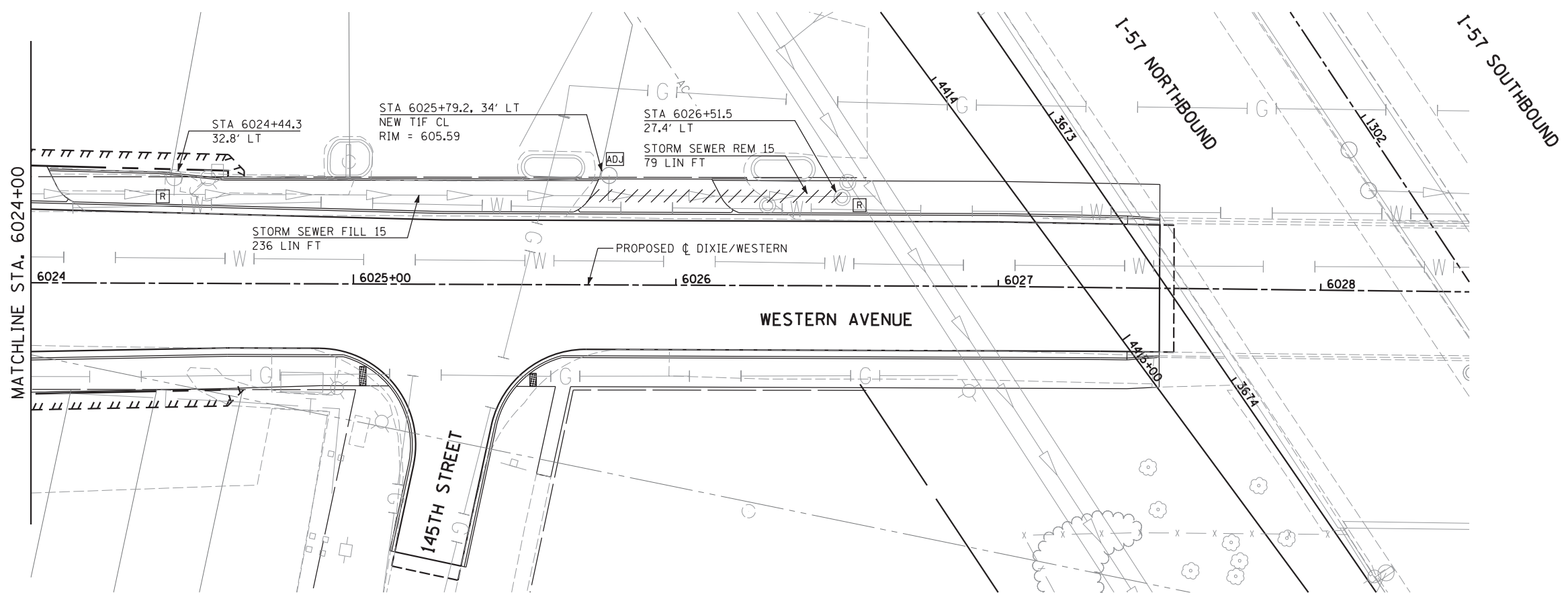
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PLOT SCALE =	CHECKED - APS	REVISED - JRS 05/04/2012
PLOT DATE	DATE - 7/22/2011	REVISED -

**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

**147TH STREET PROJECT  
 EXISTING DRAINAGE AND REMOVAL PLAN - WESTERN AVE**

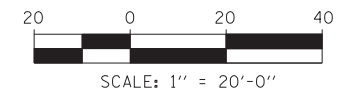
SCALE: 1"=20'    SHEET NO. 14 OF 15 SHEETS    STA. 6013+50 TO STA. 6024+00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	(0405-1 & 0506-2) R-1	COOK	577	211
CONTRACT NO. 60M57				
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		



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LEGEND	
	EXISTING RIGHT-OF-WAY
	PROPOSED RIGHT-OF-WAY
	PROPOSED TEMPORARY EASEMENT



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PLOT SCALE =	CHECKED - APS	REVISED - JRS 05/04/2012
PLOT DATE =	DATE - 7/22/2011	REVISED -

**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

**147TH STREET PROJECT  
 EXISTING DRAINAGE AND REMOVAL PLAN - WESTERN AVE**

SCALE: 1"=20'    SHEET NO. 15 OF 15 SHEETS    STA. 6024+00 TO STA. 6028+00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	(0405-1 & 0506-2) R-1	COOK	577	212
CONTRACT NO. 60M57				
FED. ROAD DIST. NO.    ILLINOIS FED. AID PROJECT				

LOCATION				CATCH BASIN TYPE A 4' DIAMETER TYPE 1 F & OL (EACH)	CATCH BASIN TYPE A 4' DIAMETER TYPE 11 F & G (EACH)	CATCH BASIN TYPE A 4' DIAMETER TYPE 24 F & G (EACH)	CATCH BASIN TYPE A 5' DIAMETER TYPE 1 F & OL (EACH)	MANHOLES TYPE A 4' DIAMETER TYPE 1 F & CL LID (EACH)	MANHOLES TYPE A 4' DIAMETER TYPE 8 GRATE (EACH)	MANHOLES TYPE A 5' DIAMETER TYPE 1 F & CL LID (EACH)	MANHOLES TYPE A 5' DIAMETER TYPE 8 GRATE (EACH)	MANHOLES TYPE A 5' DIAMETER TYPE 24 F & G (EACH)	MANHOLES TYPE A 6' DIAMETER TYPE 1 F & CL LID (EACH)	MANHOLES TYPE A 8' DIAMETER TYPE 1 F & CL LID (EACH)	MANHOLES TYPE A 8' DIAMETER 2 - TYPE 1 F & CL LID (EACH)	INLETS TYPE A			PRC FLARED END SECTION		GRATING CONCRETE END SECTION			
ID NUMBER	STATION	OFFSET (FOOT)															TYPE 8 GRATE (EACH)	TYPE 11 F & G (EACH)	TYPE 24 F & G (EACH)	ROUND		24" (EACH)	30" (EACH)	
																				24" (EACH)	30" (EACH)			
950	6018+15	22	RT							1														
952	6018+15	32.3	RT			1																		
954	6018+15	38.1	LT			1																		
956	6018+25	37.8	LT																	1				
958	6018+90	20.5	RT							1														
960	6018+90	30.9	RT			1																		
962	6018+90	36.1	LT			1																		
964	6019+00	35.9	LT																	1				
966	6019+70	19	RT							1														
968	6019+70	29.4	RT			1																		
970	6019+59.7	29.6	RT																	1				
972	6019+70	34	LT			1																		
974	6019+59.7	34.3	LT																	1				
976	6020+50	17.5	RT							1														
978	6020+50	27.9	RT			1																		
980	6020+50	32	LT			1																		
982	6020+40	32.2	LT																	1				
984	6022+10	14.5	RT							1														
986	6022+10	24.9	RT			1																		
988	6022+10	27.8	LT			1																		
990	6022+00	28.1	LT																	1				
992	6022+75	13	RT							1														
994	6022+75	23.7	RT			1																		
996	6022+75	26.1	LT			1																		
998	6022+85	25.8	LT																	1				
1000	6023+50	12	RT							1														
1002	6023+50	22.3	RT			1																		
1004	6023+38.8	22.5	RT																	1				
1006	6023+50	24.1	LT			1																		
1008	6023+38.8	24.4	LT																	1				
1010	6024+25	11.5	RT							1														
1012	6024+25	20.8	RT			1																		
1014	6024+25	22.3	LT																	1				
1016	6024+35	22.1	LT																	1				
1018	6025+79	10	RT							1														
1020	6025+55	37.5	RT														1							
1022	6025+05	37.5	RT														1							
1024	6025+79	27	LT							1														
1026	6026+40	27	LT												1									
1028	6026+51.5	27.5	LT							1														
1030	6026+60	20	LT																			1		
1032	6026+60	20	RT																			1		
SUBTOTAL WESTERN AV / DIXIE HWY				0	8	41	0	2	0	24	0	1	0	0	2	3	4	33	0	0	0	0		
TOTAL				1	25	121	1	8	3	53	6	7	29	4	6	8	17	68	1	1	1	1		



USER NAME =	DESIGNED - JRS	REVISED - JRS 12/01/2011
	DRAWN - MJF	REVISED - JRS 02/15/2012
PLOT SCALE =	CHECKED - APS	REVISED - JRS 05/04/2012
PLOT DATE	DATE - 7/22/2011	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**147TH STREET PROJECT  
DRAINAGE AND UTILITY SCHEDULE**

SCALE: N/A SHEET NO. 6 OF 12 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	(0405-1 & 0506-2) R-1	COOK	577	213
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT			CONTRACT NO. 60M57	

LOCATION					STORM SEWERS CLASS A, TYPE 1										STORM SEWER WATER MAIN REQUIREMENTS				STORM SEWERS JACKED IN PLACE 36" (FOOT)	TRENCH BACKFILL (CU YD)	ADJUSTING WATER MAIN 4" (FOOT)	ADJUSTING WATER MAIN 6" (FOOT)	ADJUSTING WATER MAIN 8" (FOOT)	PROPOSED STORM SEWER CONNECTION TO EXISTING STORM SEWER (EACH)		
ID NUMBER	UPSTREAM STATION	UPSTREAM STRUCTURE ID NUMBER	DOWNSTREAM STATION	DOWNSTREAM STRUCTURE ID NUMBER	12" (FOOT)	15" (FOOT)	18" (FOOT)	21" (FOOT)	24" (FOOT)	30" (FOOT)	36" (FOOT)	48" (FOOT)	54" (FOOT)	12" (FOOT)	15" (FOOT)	24" (FOOT)	36" (FOOT)									
147TH STREET																										
101	1007+35	102	1007+07	100			50																			39.7
103	1007+94	104	1007+35	102							53															38.1
105	1007+94	106	1007+94	104	10																					1.7
107	1007+94	108	1007+94	104	54																					8.2
109	1008+67	110	1007+94	104							68															42.1
111	1008+67	112	1008+67	110	10																					1.7
113	1008+67	114	1008+67	110	54																					8.2
115	1009+40	116	1008+67	110							68															35.4
117	1009+40	118	1009+40	116		10																				2.8
119	1009+77.6	120	1009+40	118	42																					5.4
121	1010+10	122	1009+77.6	120										33												5.0
123	1009+40	124	1009+40	116	54																					13.9
125	1009+79	126	1009+40	124										43												4.2
127	1010+09.6	128	1009+79	126										31												4.1
129	1010+90	130	1009+40	116													145									35.4
131	1010+90	132	1010+90	130	10																					1.7
133	1010+90	134	1010+90	130	54																					8.2
135	1011+79.3	136	1010+90	130							85															14.3
137	1011+79.3	138	1011+79.3	136	10																					1.7
139	1011+85	140	1011+79.3	138	3																					0.5
141	1011+79.3	142	1011+79.3	136		50																				7.2
143	1011+85	144	1011+79.3	142	3																					0.4
145	1013+40	146	1011+79.3	136													156									32.0
147	1013+42.8	148	1013+40	146	26																					5.6
149	1013+09.6	150	1013+42.8	148										34												5.9
151	1013+41.3	152	1013+40	146										66												12.8
153	1013+11.3	154	1013+41.3	152										30												4.0
155	1014+25	156	1013+40	146					80																	14.0
157	1014+25	158	1014+25	156	10																					1.5
159	1014+25	160	1014+25	156	50																					6.6
161	1015+23.5	162	1014+25	156					94																	10.9
163	1015+23.5	164	1015+23.5	162	10																					1.3
165	1015+35	166	1015+23.5	164	9																					1.2
167	1015+24.2	168	1015+23.5	162										50												6.6
169	1015+35	170	1015+24.2	168	8																					1.1
201	1017+80	202	1017+80	200	18																					3.1
203	1017+80	204	1017+80	200										42												7.3
205	1017+80	200	1018+50	206				65																		12.5
207	1018+50	208	1018+50	206	20																					3.9
209	1018+37.3	210	1018+50	208	10																					1.5
211	1018+50	212	1018+50	206										42												7.3
213	1018+37.3	214	1018+50	212	10																					1.3
215	1018+50	206	1020+15	216				160																		39.7
217	1020+15	216	1021+50	218													130									83.5
219	1021+50	218	1022+50	220						95																75.6
221	1022+50	220	1023+21.5	222						67																56.3
223	1023+21.5	222	1024+84	224													158									152.3
225	1024+84	224	1025+35	226							46															46.6
227	1025+35	226	1027+00	228							160															257.1
229	1027+00	228	1027+54	230							49															78.7
231	1027+54	230	1029+00	232							141															233.5
233	1029+00	232	1030+20	234							115															196.2
235	1030+05.1	236	1030+20	234	36																					6.2
237	1030+04.2	238	1030+20	234																						10.2
239	1030+20	234	1031+50	240							125															213.3
241	1031+50	242	1031+50	240	17																					3.3
243	1031+41.5	244	1031+50	242	6																					0.9
245	1031+50	246	1031+50	240										41												7.1
247	1031+44.6	248	1031+50	246										3												0.4
249	1031+50	240	1033+50	250									194													458.4
251	1033+38	252	1033+50	250	35																					6.8
253	1033+04.5	254	1033+38	252										34												5.2
255	1033+36.9	256	1033+50	250										58												10.0
257	1033+04.1	258	1033+36.9	256										33												4.4



USER NAME -	DESIGNED - JRS	REVISED - JRS 12/01/2011
	DRAWN - MJF	REVISED - JRS 02/15/2012
PLOT SCALE -	CHECKED - APS	REVISED - JRS 05/04/2012
PLOT DATE	DATE - 7/22/2011	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**147TH STREET PROJECT  
DRAINAGE AND UTILITY SCHEDULE**

SCALE: N/A SHEET NO. 7 OF 12 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	(0405-1 & 0506-2) R-1	COOK	577	214
FED. ROAD DIST. NO.			ILLINOIS FED. AID PROJECT	
			CONTRACT NO. 60M57	

LOCATION					STORM SEWERS CLASS A, TYPE 1										STORM SEWER WATER MAIN REQUIREMENTS				STORM SEWERS JACKED IN PLACE 36" (FOOT)	TRENCH BACKFILL (CU YD)	ADJUSTING WATER MAIN 4" (FOOT)	ADJUSTING WATER MAIN 6" (FOOT)	ADJUSTING WATER MAIN 8" (FOOT)	PROPOSED STORM SEWER CONNECTION TO EXISTING STORM SEWER (EACH)
ID NUMBER	UPSTREAM STATION	UPSTREAM STRUCTURE ID NUMBER	DOWNSTREAM STATION	DOWNSTREAM STRUCTURE ID NUMBER	12" (FOOT)	15" (FOOT)	18" (FOOT)	21" (FOOT)	24" (FOOT)	30" (FOOT)	36" (FOOT)	48" (FOOT)	54" (FOOT)	12" (FOOT)	15" (FOOT)	24" (FOOT)	36" (FOOT)							
259	1033+50	250	1034+55.6	260									100						248.7					
261	1034+55.6	262	1034+55.6	260		17													3.2					
263	1034+45	264	1034+55.6	262	8														1.2					
265	1034+55.6	266	1034+55.6	260										41					7.1					
267	1034+65	268	1034+55.6	266										7					0.9					
269	1034+55.6	260	1036+80	270									219						558.5					
271	1036+64.3	272	1036+80	270	40														6.9					
273	1036+30.7	274	1036+64.3	272										34					4.5					
275	1036+62.9	276	1036+80	270										64					9.7					
277	1036+27.6	278	1036+62.9	276										36					4.8					
279	1036+80	270	1037+65	280									79						206.3					
281	1037+50	282	1037+65	280	22														3.8					
283	1037+65	284	1037+65	280										41					6.2					
285	1037+65	280	1038+75	286									104						265.2					
287	1038+75	288	1038+75	286		17													3.2					
289	1038+65.2	290	1038+75	288	7														1.1					
291	1038+75	292	1038+75	286											41				6.8					
293	1038+58.8	294	1038+75	292										14					1.8					
295	1038+75	286	1040+05	296									124						323.9					
297	1039+93.9	298	1040+05	296	40														8.6					
299	1039+59	300	1039+93.9	298										35					4.6					
301	1039+96.8	302	1040+05	296	64														12.4					
303	1039+61.2	304	1039+96.8	302										36					4.8					
305	1040+05	296	1040+93	306									82						219.4					
307	1040+66.5	308	1040+93	306		31													29.5					
309	1040+75.4	310	1040+93	306		51													56.6					
311	1040+93	306	1042+50	312									150						401.3					
313	1042+50	314	1042+50	312	17														2.9					
315	1042+50	316	1042+50	312	41														7.1					
317	1042+50	312	1043+50	318									94						245.5					
319	1043+50	320	1043+50	318	17														2.9					
321	1043+19	322	1043+50	318		51													46.7					
323	1043+50	318	1044+50	324									94						233.8					
325	1044+50	326	1044+50	324	17														2.9					
327	1044+53.5	328	1044+50	324		42													38.5					
329	1044+96.8	EX_CB	1044+53.5	328	46														2.9					
330	1044+50	324	1046+00	331									143						346.8					
332	1045+98	333	1046+00	331		18													14.0					
334	1046+00	335	1046+00	331	48														8.6					
336	1046+00	331	1047+25	337									118						271.4					
338	1047+25	339	1047+25	337	18														3.1					
340	1047+25	341	1047+25	337	54														7.0					
342	1047+25	337	1048+45	343									113						252.9					
344	1048+45	345	1048+45	343	21														4.1					
346	1048+36.7	347	1048+45	345	6														0.9					
348	1048+45	349	1048+45	343		17													2.0					
350	1048+45	351	1048+45	349	40														5.9					
352	1048+37.6	353	1048+45	351	5														0.7					
354	1048+45	343	1049+35	355									83						185.8					
356	1049+35	357	1049+35	355	27														5.2					
358	1049+35	359	1049+35	355	65														8.0					
360	1049+35	355	1050+25	361									83						201.3					
362	1050+25	363	1050+25	361	29														5.6					
364	1050+25	365	1050+25	361		21													2.2					
366	1050+25	367	1050+25	365	44														6.6					
368	1050+25	361	1051+25	369									93						242.9					
370	1051+25	371	1051+25	369	29														5.6					
372	1051+25	373	1051+25	369	74														8.1					
374	1051+25	369	1052+50	375															320.3					
376	1052+50	375	1053+50	377									117						254.6					
378	1053+50	379	1053+50	377	29									93					5.6					
380	1053+50	381	1053+50	377	87														7.7					
382	1053+50	377	1054+80	383									124						316.2					
384	1054+65	385	1054+80	383	40														8.6					
386	1054+80	387	1054+80	383								29							11.1					
388	1054+80	389	1054+80	387							60								52.7					



USER NAME =	DESIGNED - JRS	REVISED - JRS 12/01/2011
PLOT SCALE =	DRAWN - MJF	REVISED - JRS 02/15/2012
PLOT DATE	CHECKED - APS	REVISED - JRS 05/04/2012
	DATE - 7/22/2011	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**147TH STREET PROJECT  
DRAINAGE AND UTILITY SCHEDULE**

SCALE: N/A SHEET NO. 8 OF 12 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	(0405-1 & 0506-2) R-1	COOK	577	215
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT			CONTRACT NO. 60M57	

LOCATION					STORM SEWERS CLASS A, TYPE 1									STORM SEWER WATER MAIN REQUIREMENTS				STORM SEWERS JACKED IN PLACE 36" (FOOT)	TRENCH BACKFILL (CU YD)	ADJUSTING WATER MAIN 4" (FOOT)	ADJUSTING WATER MAIN 6" (FOOT)	ADJUSTING WATER MAIN 8" (FOOT)	PROPOSED STORM SEWER CONNECTION TO EXISTING STORM SEWER (EACH)
ID NUMBER	UPSTREAM STATION	UPSTREAM STRUCTURE ID NUMBER	DOWNSTREAM STATION	DOWNSTREAM STRUCTURE ID NUMBER	12" (FOOT)	15" (FOOT)	18" (FOOT)	21" (FOOT)	24" (FOOT)	30" (FOOT)	36" (FOOT)	48" (FOOT)	54" (FOOT)	12" (FOOT)	15" (FOOT)	24" (FOOT)	36" (FOOT)						
390	1054+89.5	391	1054+80	389							97								12.6				
392	1054+80	383	1056+30	393									144						322.3				
412	1056+30	393	1058+21.9	413									185						368.0				
414	1058+21.9	415	1058+21.9	413		18													5.9				
416	1058+10	417	1058+21.9	415	9														1.4				
418	1058+21.9	413	1058+35	419									6						11.2				
420	1058+35	419	1059+00	421									58						108.1				
422	1059+00	423	1059+00	421	14														1.8				
424	1058+41.6	EX CB	1058+21.9	415	21														8.0				
426	1059+00	427	1059+00	421	19														4.1				
428	1059+00	421	1059+90	429									84						167.1				
430	1059+90	431	1059+90	429	14														1.8				
432	1060+35.2	EX CB	1061+00	508	63														41.8				
434	1059+90	435	1059+90	429	26														5.0				
436	1059+90	429	1060+55	437									59						128.4				
438	1060+55	437	1060+67.8	EX SS									10						31.1				1
440	1058+25	441	1058+25	439		31													5.2				
442	1058+10	443	1058+25	441	12														1.8				
444	1058+25	445	1058+25	439		14													4.6				
446	1058+10	447	1058+25	445	12														1.8				
448	1058+25	439	1059+00	449					71										27.2				
450	1059+00	451	1059+00	449	31														4.7				
452	1059+00	453	1059+00	449	13														1.7				
454	1058+56.9	EX CB	1058+25	445	33														20.9				
456	1059+00	449	1059+90	457					86										58.7				
458	1059+90	459	1059+90	457	13														1.7				
460	1060+54.3	EX CB	1061+00	502	43																		
462	1059+90	457	1060+55	463					61										49.1				
464	1060+55	465	1060+55	463	31														4.7				
466	1060+55	463	1060+72.4	EX SS					16										35.1				1
501	1061+00	502	1060+93.5	500								3											
503	1061+00	504	1061+00	502					21										6.9				
505	1061+00	506	1061+00	504					58										23.9				
507	1061+00	508	1061+00	506					47										19.4				
509	1062+35	510	1061+00	502								129											
511	1062+35	512	1062+35	510							12								9.7				
513	1062+35	514	1062+35	512							116								111.8				
515	1063+40	516	1062+35	514					108										76.2				
523	1064+60	524	1062+35	510								206							135.9				
525	1064+50	526	1064+60	524		16													4.9				
527	1064+50	528	1064+50	526		62													16.1				
529	1063+30	530	1064+50	528	116														22.5				
531	1063+30	532	1063+30	530	11																		
533	1064+50	534	1064+50	528	65														9.6				
535	1065+75	536	1064+60	524								103											
537	1065+75	538	1065+75	536		9													1.5				
539	1065+75	540	1065+75	538		61													7.4				
541	1065+75	542	1065+75	540	12																		
543	1065+75	544	1065+75	542	50														5.2				
545	1066+75	546	1065+75	536								89											
547	1066+75	548	1066+75	546	9														2.5				
549	1066+75	550	1066+75	548	124														25.2				
601	1069+75	602	1069+75	600	33														11.3				
603	1069+65	604	1069+75	602	8														1.2				
605	1069+75	606	1069+75	600		19													9.3				
607	1069+75	608	1069+75	606		47													13.0				
609	1069+85	610	1069+75	608	7														1.1				
611	1069+00	612	1069+75	608	68														11.8				
613	1068+90	614	1069+00	612	7														1.1				
615	1069+75	600	1071+25	616													149		173.1		40		
617	1071+25	618	1071+25	616	11														4.0				



USER NAME =	DESIGNED - JRS	REVISED - JRS 12/01/2011
	DRAWN - MJF	REVISED - JRS 02/15/2012
PLOT SCALE =	CHECKED - APS	REVISED - JRS 05/04/2012
PLOT DATE	DATE - 7/22/2011	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

<b>147TH STREET PROJECT DRAINAGE AND UTILITY SCHEDULE</b>			
SCALE: N/A	SHEET NO. 9 OF 12 SHEETS	STA.	TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	(0405-1 & 0506-2) R-1	COOK	577	216
FED. ROAD DIST. NO.			ILLINOIS FED. AID PROJECT	
			CONTRACT NO. 60M57	



LOCATION					STORM SEWERS CLASS A, TYPE 1										STORM SEWER WATER MAIN REQUIREMENTS				STORM SEWERS JACKED IN PLACE 36" (FOOT)	TRENCH BACKFILL (CU YD)	ADJUSTING WATER MAIN 4" (FOOT)	ADJUSTING WATER MAIN 6" (FOOT)	ADJUSTING WATER MAIN 8" (FOOT)	PROPOSED STORM SEWER CONNECTION TO EXISTING STORM SEWER (EACH)
ID NUMBER	UPSTREAM STATION	UPSTREAM STRUCTURE ID NUMBER	DOWNSTREAM STATION	DOWNSTREAM STRUCTURE ID NUMBER	12" (FOOT)	15" (FOOT)	18" (FOOT)	21" (FOOT)	24" (FOOT)	30" (FOOT)	36" (FOOT)	48" (FOOT)	54" (FOOT)	12" (FOOT)	15" (FOOT)	24" (FOOT)	36" (FOOT)							
619	1071+25	620	1071+25	616		42													15.8					
621	1071+25	622	1071+25	620		40													10.4					
623	1071+35	624	1071+25	622	7														1.1					
625	1070+60	626	1071+25	622	59														10.2					
627	1070+50	628	1070+60	626	7														1.1					
629	1071+25	616	1072+67.6	630							140								148.8					
631	1072+67.6	632	1072+67.6	630	11														4.0					
633	1072+55	634	1072+67.6	632	10														1.5					
635	1072+67.6	636	1072+67.6	630			42												17.1					
637	1072+55	638	1072+67.6	636	10														1.5					
639	1072+67.6	640	1072+67.6	636			40												11.2					
641	1072+56	642	1072+67.6	640	8														1.6					
643	1072+10	644	1072+56	642	42														7.3					
645	1072+00	646	1072+10	644	7														1.1					
647	1072+67.6	630	1073+60	648							88								97.9					
649	1073+60	650	1073+60	648	11														3.3					
651	1073+60	652	1073+60	648	42														13.4					
653	1073+60	654	1073+60	652	40														9.4					
655	1073+60	648	1074+55	656							90								109.0					
657	1074+45.7	658	1074+55	656	21														4.1					
659	1074+55	656	6011+04	660													68		95.8					
661	6011+04	660	1076+50	662														165			40			
663	1076+50	664	1076+50	662					21										10.9					
665	1076+30	666	1076+50	664	16														2.4					
667	1076+45	668	1076+50	664					72										72.6					
669	1076+30	670	1076+45	668	11														1.7					
671	1077+40.9	672	1076+50	662					87															
673	1077+40	674	1077+40.9	672			8												5.2					
675	1077+52.3	676	1077+40	674	10														1.5					
677	1077+40	678	1077+40	674	67														8.8					
679	1077+45.6	680	1077+40	678	3														0.4					
681	1078+10	682	1077+40.9	672	66														21.1					
683	1078+10	684	1078+10	682	64														12.4					
685	1076+50	662	1076+50	686							7													
687	1076+50	686	1076+50	688							6													
689	1079+25.9	690	1079+52.5	EX MH	25														3.3					
691	1079+40.5	692	1079+52.5	EX MH	83														16.1					
SUBTOTAL 147TH STREET					2999	684	140	225	714	270	1555	530	2753	907	41	286	520	165	10778.1	0	40	40	2	
RAMP E																								
406	4114+50	407	1056+30	393								170							196.0					
408	4114+50	409	4114+50	407					4															
408	4112+48.5	411	4114+50	407		176																		
468	4114+50	467	4114+50	407	68														17.9					
SUBTOTAL RAMP E					68	176	0	0	0	4	0	170	0	0	0	0	0	0	213.9	0	0	0	0	
RAMP F1																								
394	4201+15	395	1056+30	393							65								51.6					
396	4201+25	397	4201+15	395				8																
398	1055+02	399	4201+15	395							97								88.8					
400	1055+35	401	1055+02	399	51														9.9					
402	1054+75	403	1055+02	399					41															
404	4202+00	405	1054+75	403					87															
SUBTOTAL RAMP F1					51	0	0	0	8	128	162	0	0	0	0	0	0	0	150.3	0	0	0	0	
RAMP J																								
517	4310+50	518	1062+35	514							104								13.1					
519	4309+17	520	4310+50	518					110															
551	4311+00	552	1063+40	516	66														11.5					
SUBTOTAL RAMP J					66	0	0	0	110	0	104	0	0	0	0	0	0	0	24.6	0	0	0	0	



USER NAME :	DESIGNED - JRS	REVISED - JRS 12/01/2011
	DRAWN - MJF	REVISED - JRS 02/15/2012
PLOT SCALE :	CHECKED - APS	REVISED - JRS 05/04/2012
PLOT DATE :	DATE - 7/22/2011	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**147TH STREET PROJECT  
DRAINAGE AND UTILITY SCHEDULE**

SCALE: N/A SHEET NO. 10 OF 12 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	(0405-1 & 0506-2) R-1	COOK	577	217
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT			CONTRACT NO. 60M57	

LOCATION					STORM SEWERS CLASS A, TYPE 1									STORM SEWER WATER MAIN REQUIREMENTS				STORM SEWERS JACKED IN PLACE 36" (FOOT)	TRENCH BACKFILL (CU YD)	ADJUSTING WATER MAIN 4" (FOOT)	ADJUSTING WATER MAIN 6" (FOOT)	ADJUSTING WATER MAIN 8" (FOOT)	PROPOSED STORM SEWER CONNECTION TO EXISTING STORM SEWER (EACH)
ID NUMBER	UPSTREAM STATION	UPSTREAM STRUCTURE ID NUMBER	DOWNSTREAM STATION	DOWNSTREAM STRUCTURE ID NUMBER	12" (FOOT)	15" (FOOT)	18" (FOOT)	21" (FOOT)	24" (FOOT)	30" (FOOT)	36" (FOOT)	48" (FOOT)	54" (FOOT)	12" (FOOT)	15" (FOOT)	24" (FOOT)	36" (FOOT)						
RAMP K																							
521	4401+25.3	522	1062+35	510						23													
553	4401+50	554	4401+25.3	522	84														17.6				
SUBTOTAL RAMP K					84	0	0	0	0	23	0	0	0	0	0	0	0	0	17.6	0	0	0	0
WESTERN AV / DIXIE HWY																							
701	5999+11.7	702	5999+11.7	700	8														1.2				
703	5999+00	704	5999+11.7	702	9														1.2				
705	5999+11.7	706	5999+11.7	700	33														10.6				
707	5999+00	708	5999+11.7	706	9														1.2				
709	5999+11.7	700	6000+00	710							84								76.9				
711	6000+00	712	6000+00	710	8														1.4				
713	6000+00	714	6000+00	710	36														6.2				
715	6000+00	710	6001+50	716							145								147.0				
717	6001+44.2	718	6001+50	716	57														12.3				
719	6001+66.4	720	6001+44.2	718	23														3.0				
721	6001+50	722	6001+50	716	43														7.4				
723	6001+50	716	6002+30	724							75								79.7				
725	6002+30	726	6002+30	724	8														1.2				
727	6002+21.7	728	6002+30	726	6														0.8				
729	6002+60	730	6002+30	726	27														3.6				
731	6002+30	732	6002+30	724	46														6.1				
733	6002+21.7	734	6002+30	732	6														0.8				
735	6002+30	724	6004+20	736							185								205.9				
737	6004+20	738	6004+20	736	8														1.6				
739	6004+20	740	6004+20	736										54					9.3				
741	6004+20	736	6005+00	742							75								87.2				
743	6004+82.8	744	6005+00	742	42														8.1				
745	6005+22.1	746	6004+82.8	744	41														5.4				
747	6005+06.7	748	6005+00	742										111					19.2		30		
749	6005+65.7	750	6005+06.7	748	61														8.1				
751	6005+00	742	6006+10	752							105								116.9				
753	6006+10	754	6006+10	752	9														1.4				
755	6006+01	756	6006+10	754	6														0.8				
757	6006+10	758	6006+10	752										59					7.8				
759	6006+01	760	6006+10	758										6					0.8				
761	6006+10	752	6006+80	762							65								75.5				
763	6006+80	764	6006+80	762	10														1.5				
765	6006+70	766	6006+80	764	7														0.9				
767	6006+80	768	6006+80	762										59					7.8				
769	6006+70	770	6006+80	768										7					0.9				
771	6006+80	762	6009+20.9	772							236								262.7				
773	6009+20.9	774	6009+20.9	772		20													3.3				
775	6009+10	776	6009+20.9	774	8														1.1				
777	6009+20.9	778	6009+20.9	772		31													6.6				
779	6009+10	780	6009+20.9	778	8														1.1				
781	6009+20.9	782	6009+20.9	778											24				2.9		30		
783	6009+10	784	6009+20.9	782										8					1.1				
785	6009+20.9	772	6010+40	786							115								133.6				
787	6010+40	788	6010+40	786	31														5.4				
789	6010+40	790	6010+40	788										25					3.3				
791	6010+50	792	6010+40	790										7					0.9				
793	6010+40	786	6010+40	794							20								23.2				
795	6010+50	796	6010+40	794	6														0.8				
797	6010+40	794	6010+40	798							62								8.5				
799	6010+40	798	1076+50	688							32												
801	5999+11.7	800	5999+11.7	706	22														8.8				
901	6013+40	902	6013+40	900	20														3.0				
903	6013+30	904	6013+40	902	7														0.9				
905	6013+40	906	6013+40	900	11														2.1				
907	6013+40	908	6013+40	906															7.4				
909	6013+40	900	6014+30	910										56					15.5				
911	6014+10	912	6014+30	910	21														3.2				
913	6014+30	914	6014+30	910															9.2				



USER NAME =	DESIGNED - JRS	REVISED - JRS 12/01/2011
PLOT SCALE =	DRAWN - MJF	REVISED - JRS 02/15/2012
PLOT DATE	CHECKED - APS	REVISED - JRS 05/04/2012
	DATE - 7/22/2011	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

<b>147TH STREET PROJECT DRAINAGE AND UTILITY SCHEDULE</b>		
SCALE: N/A	SHEET NO. 11 OF 12 SHEETS	STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	(0405-1 & 0506-2) R-1	COOK	577	218
FED. ROAD DIST. NO.			ILLINOIS FED. AID PROJECT	
			CONTRACT NO. 60M57	

LOCATION					STORM SEWERS CLASS A, TYPE 1										STORM SEWER WATER MAIN REQUIREMENTS				STORM SEWERS JACKED IN PLACE 36" (FOOT)	TRENCH BACKFILL (CU YD)	ADJUSTING WATER MAIN 4" (FOOT)	ADJUSTING WATER MAIN 6" (FOOT)	ADJUSTING WATER MAIN 8" (FOOT)	PROPOSED STORM SEWER CONNECTION TO EXISTING STORM SEWER (EACH)
ID NUMBER	UPSTREAM STATION	UPSTREAM STRUCTURE ID NUMBER	DOWNSTREAM STATION	DOWNSTREAM STRUCTURE ID NUMBER	12" (FOOT)	15" (FOOT)	18" (FOOT)	21" (FOOT)	24" (FOOT)	30" (FOOT)	36" (FOOT)	48" (FOOT)	54" (FOOT)	12" (FOOT)	15" (FOOT)	24" (FOOT)	36" (FOOT)							
915	6014+40	916	6014+30	914	7														0.9					
917	6014+30	910	6014+80	918			46												7.1					
919	6014+80	920	6014+80	918	9														1.6					
921	6014+80	922	6014+80	918	11														2.1					
923	6014+80	924	6014+80	922										55					7.3					
925	6014+90	926	6014+80	924	7														0.9					
927	6014+80	918	6015+85	928					100										20.5					
929	6015+85	930	6015+85	928	9														1.6					
931	6015+74.8	932	6015+85	930	8														1.1					
933	6015+85	934	6015+85	928		17													3.2					
935	6015+74.8	936	6015+85	934	8														1.1					
937	6015+85	938	6015+85	934											48				5.8	30				
939	6015+74.8	940	6015+85	938	7														0.9					
941	6015+85	928	6017+50	942					160										42.2					
943	6017+50	944	6017+50	942	9														1.9					
945	6017+50	946	6017+50	942										59					7.8	30				
947	6017+60	948	6017+50	946	7														0.9					
949	6017+50	942	6018+15	950					60										17.6					
951	6018+15	952	6018+15	950	8														1.4					
953	6018+15	954	6018+15	950										58					7.7	30				
955	6018+25	956	6018+15	954	7														0.9					
957	6018+15	950	6018+90	958							70								36.4					
959	6018+90	960	6018+90	958	8														1.7					
961	6018+90	962	6018+90	958										55					7.3	30				
963	6019+00	964	6018+90	962	7														0.9					
965	6018+90	958	6019+70	966							75								24.1					
967	6019+70	968	6019+70	966	8														1.1					
969	6019+59.7	970	6019+70	968	8														1.1					
971	6019+70	972	6019+70	966											51				6.2	30				
973	6019+59.7	974	6019+70	972	8														1.1					
975	6019+70	966	6020+50	976							75								53.9					
977	6020+50	978	6020+50	976	8														1.2					
979	6020+50	980	6020+50	976										47					6.2	30				
981	6020+40	982	6020+50	980	7														0.9					
983	6020+50	976	6022+10	984							155								111.3					
985	6022+10	986	6022+10	984	8														1.2					
987	6022+10	988	6022+10	984										40					5.3					
989	6022+00	990	6022+10	988										7					0.9					
991	6022+10	984	6022+75	992							60								43.1					
993	6022+75	994	6022+75	992	9														1.2					
995	6022+75	996	6022+75	992										37					4.9		30			
997	6022+85	998	6022+75	996										7					0.9					
999	6022+75	992	6023+50	1000							70								46.8					
1001	6023+50	1002	6023+50	1000	8														1.1					
1003	6023+38.8	1004	6023+50	1002	9														1.2					
1005	6023+50	1006	6023+50	1000												34			4.1		30			
1007	6023+38.8	1008	6023+50	1006										9					1.2					
1009	6023+50	1000	6024+25	1010							70								50.3					
1011	6024+25	1012	6024+25	1010	7														1.2					
1013	6024+25	1014	6024+25	1010										32					4.2		30			
1015	6024+35	1016	6024+25	1014										8					1.1					
1017	6024+25	1010	6025+79	1018							149								114.3					
1019	6025+55	1020	6025+79	1018										33					5.6					
1021	6025+05	1022	6025+55	1020	48														5.5					
1023	6025+79	1018	6025+79	1024													32		24.5					
1025	6025+79	1024	6026+40	1026													55		42.2			100		
1027	6026+40	1026	6026+51.5	1028													5		4.1					
1029	6026+60	1030	6026+51.5	1028										8					1.2					
1031	6026+60	1032	6026+60	1030										40					5.3		30			
SUBTOTAL WESTERN AV / DIXIE HWY					877	68	132	0	320	0	1923	0	0	957	157	0	92	0	2183.6	180	120	160	0	
TOTAL					4145	928	272	225	1152	425	3744	700	2753	1864	198	286	612	165	13369	180	160	200	2	

 <b>HRGreen.com</b> Illinois Professional Design Firm #164-001322	USER NAME =	DESIGNED - JRS	REVISED - JRS 12/01/2011	<b>STATE OF ILLINOIS</b> <b>DEPARTMENT OF TRANSPORTATION</b>	<b>147TH STREET PROJECT</b> <b>DRAINAGE AND UTILITY SCHEDULE</b>			F.A.I. RTE. =	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	PLOT SCALE =	DRAWN - MJF	REVISED - JRS 02/15/2012		57	(0405-1 & 0506-2) R-1	COOK	577	219			
PLOT DATE =	CHECKED - APS	REVISED - JRS 05/04/2012		SCALE: N/A	SHEET NO. 12 OF 12 SHEETS	STA.	TO STA.	CONTRACT NO. 60M57 FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				

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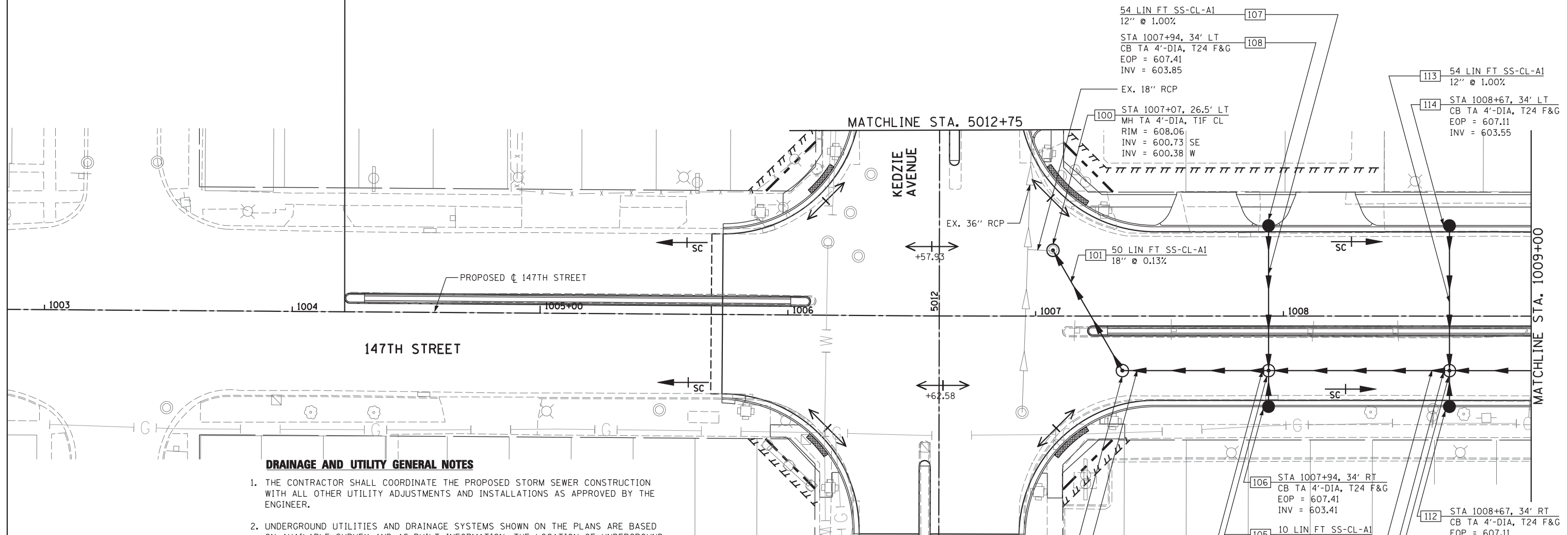
LOCATION		PIPE UNDERDRAINS 4"	PIPE UNDERDRAINS 6"	CONCRETE HEADWALL FOR PIPE DRAINS
STATION	OFFSET	(FOOT)	(FOOT)	(EACH)
<b>147TH STREET</b>				
1009+40	LT	40		
1009+40	RT	28		
1011+79.3	LT	32		
1011+79.3	RT	32		
1015+23.5	RT	32		
1015+24.2	LT	32		
1018+37.3	LT	32		
1018+37.3	RT	34		
1031+41.5	RT	32		
1031+44.6	LT	32		
1034+55.6	RT	32		
1034+65	LT	32		
1036+28.2	LT	18		
1036+31.2	RT	17		
1036+62.3	LT	17		
1036+63.7	RT	17		
1038+58.8	LT	32		
1038+65.2	RT	32		
1039+59	RT	17		
1039+61.7	LT	18		
1039+93.3	RT	18		
1039+96.3	LT	18		
1042+50	LT	32		
1042+50	RT	32		
1045+98	RT	29		
1046+00	LT	29		
1048+36.7	RT	32		
1048+37.6	LT	29		
1050+25	LT	29		
1050+25	RT	41		
1054+65	RT	49		
1054+80	LT	38		
1058+21.9	RT	39		
1058+25	LT	36		
1058+25	MED	15		
1058+25	MED	12		
1061+00	LT	58		
1061+00	MED	12		
1061+00	RT	35		
1064+50	LT	50		
1064+50	MED	12		
1064+50	RT	40		
1069+75	LT	41		
1069+75	RT	50		
1072+56	LT	43		
1072+67.6	MED	11		
1072+67.6	RT	46		
1077+45.6	LT	39		
1077+52.3	RT	28		
<b>SUBTOTAL 147TH STREET</b>		<b>1501</b>	<b>0</b>	<b>0</b>

LOCATION		PIPE UNDERDRAINS 4"	PIPE UNDERDRAINS 6"	CONCRETE HEADWALL FOR PIPE DRAINS
STATION	OFFSET	(FOOT)	(FOOT)	(EACH)
<b>RAMP E</b>				
4112+48.5	RT/LT	109		
4114+28.9	RT/LT	74		
4114+28.9	39' LT			1
<b>SUBTOTAL RAMP E</b>		<b>183</b>	<b>0</b>	<b>1</b>
<b>RAMP F1</b>				
4201+15	LT/RT	81		
<b>SUBTOTAL RAMP F1</b>		<b>81</b>	<b>0</b>	<b>0</b>
<b>RAMP J</b>				
4307+50	LT/RT	61		1
4309+17	RT/LT	109		
4310+78.1	RT/LT	74		
4310+78.1	51' LT			1
<b>SUBTOTAL RAMP J</b>		<b>244</b>	<b>0</b>	<b>2</b>
<b>RAMP K</b>				
4401+25.3	LT	45		
4401+25.3	RT	40		
4401+25.3	40' RT			1
4404+00	LT	33		
4404+00	33' LT			1
4404+00	RT	32		
4404+00	32' RT			1
<b>SUBTOTAL RAMP K</b>		<b>150</b>	<b>0</b>	<b>3</b>
<b>KEDZIE AVENUE</b>				
5013+12.9	LT		38	
5013+12.9	RT		26	
5014+72.3	LT		38	
5014+72.3	RT		26	
5016+36.7	RT		27	
5016+41.7	LT		36	
<b>SUBTOTAL KEDZIE AVENUE</b>		<b>0</b>	<b>191</b>	<b>0</b>
<b>WESTERN AV / DIXIE HWY</b>				
5999+11.7	LT	23		
5999+11.7	RT	23		
6002+21.7	LT	31		
6002+21.7	RT	28		
6005+06	LT	24		
6005+65.1	LT	24		
6006+01	LT	39		
6006+01	RT	33		
6009+20.9	LT	27		
6009+20.9	MED	11		

LOCATION		PIPE UNDERDRAINS 4"	PIPE UNDERDRAINS 6"	CONCRETE HEADWALL FOR PIPE DRAINS
STATION	OFFSET	(FOOT)	(FOOT)	(EACH)
6009+20.9	RT	44		
6015+74.8	LT	44		
6015+74.8	MED	6		
6015+74.8	RT	32		
6019+59.7	LT	35		
6019+59.7	RT	30		
6023+38.8	LT	25		
6023+38.8	RT	23		
6026+60	LT	20		
6026+60	RT	20		
<b>UBTOTAL WESTERN AV / DIXIE HW</b>		<b>542</b>	<b>0</b>	<b>0</b>
<b>TOTAL</b>		<b>2701</b>	<b>191</b>	<b>6</b>



147TH ST IMPROVEMENT BEGINS  
147TH STA. 1004+21.16



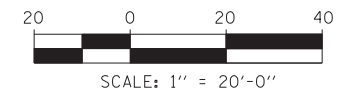
**DRAINAGE AND UTILITY GENERAL NOTES**

1. THE CONTRACTOR SHALL COORDINATE THE PROPOSED STORM SEWER CONSTRUCTION WITH ALL OTHER UTILITY ADJUSTMENTS AND INSTALLATIONS AS APPROVED BY THE ENGINEER.
2. UNDERGROUND UTILITIES AND DRAINAGE SYSTEMS SHOWN ON THE PLANS ARE BASED ON AVAILABLE SURVEY AND AS-BUILT INFORMATION. THE LOCATION OF UNDERGROUND FACILITIES ARE APPROXIMATE PRIOR TO CONSTRUCTION. THE CONTRACTOR SHALL VERIFY ALL UTILITY LOCATIONS AND DEPTHS PRIOR TO ORDERING MATERIALS.
3. STATION AND OFFSET CALL-OUTS REFER TO EDGE OF PAVEMENT WHERE APPLICABLE. ANY OTHER STATION AND OFFSET CALL-OUTS REFER TO CENTER OF STRUCTURE.
4. ALL SEWER AND WATER MAIN CROSSINGS SHALL MEET WITH THE APPLICABLE LOCAL AND STATE GUIDELINES AS DESCRIBED IN THE LATEST EDITION OF THE "STANDARD SPECIFICATIONS FOR WATER AND SEWER MAIN CONSTRUCTION IN ILLINOIS."
5. FOR STORM SEWER CONSTRUCTED UNDER THE ROADWAY, BACKFILLING METHODS TWO AND THREE AUTHORIZED UNDER PROVISIONS OF ARTICLE 550.07 OF THE STANDARD SPECIFICATIONS WILL NOT BE ALLOWED.
6. FOR CONNECTION OF EXISTING SEWERS TO PROPOSED DRAINAGE STRUCTURES, A PORTION OF THE EXISTING PIPE SHALL BE CUT AND REMOVED. THE PROPOSED STRUCTURE SHALL BE PROVIDED WITH ADEQUATELY SIZED OPENINGS SUCH THAT THE EXISTING PIPE MAY BE CONNECTED AT ITS EXISTING INVERT ELEVATION. THIS WORK WILL NOT BE PAID FOR SEPARATELY, BUT SHALL BE INCLUDED IN THE UNIT CONTRACT PRICE FOR THE PROPOSED DRAINAGE STRUCTURE.
7. ANY EXISTING PRIVATE DRAINAGE CONNECTIONS TO PUBLIC SEWERS SHALL BE FIELD VERIFIED BY THE CONTRACTOR AND RECONNECTED TO THE PROPOSED STORM SEWER SYSTEM TO THE SATISFACTION OF THE ENGINEER. THIS WORK WILL NOT BE PAID FOR SEPARATELY, BUT SHALL BE INCLUDED IN THE CONTRACT UNIT PRICES FOR THE PROPOSED STORM SEWER ITEMS.

STA 1007+35, 22' RT  
MH TA 8'-DIA, 2-TIF CL SPL  
CONTROL STRUCTURE  
SEE DETAIL  
RIM = 607.90  
INV = 600.80

**LEGEND**

- — — — — EXISTING RIGHT-OF-WAY
- - - - - PROPOSED RIGHT-OF-WAY
- ||||| PROPOSED TEMPORARY EASEMENT



<p>HRGreen.com Illinois Professional Design Firm #164-001322</p>	USER NAME =	DESIGNED - JRS	REVISED - JRS 12/01/2011
		DRAWN - MJF	REVISED - JRS 02/15/2012
	PLOT SCALE =	CHECKED - APS	REVISED - JRS 05/04/2012
	PLOT DATE	DATE - 7/22/2011	REVISED -

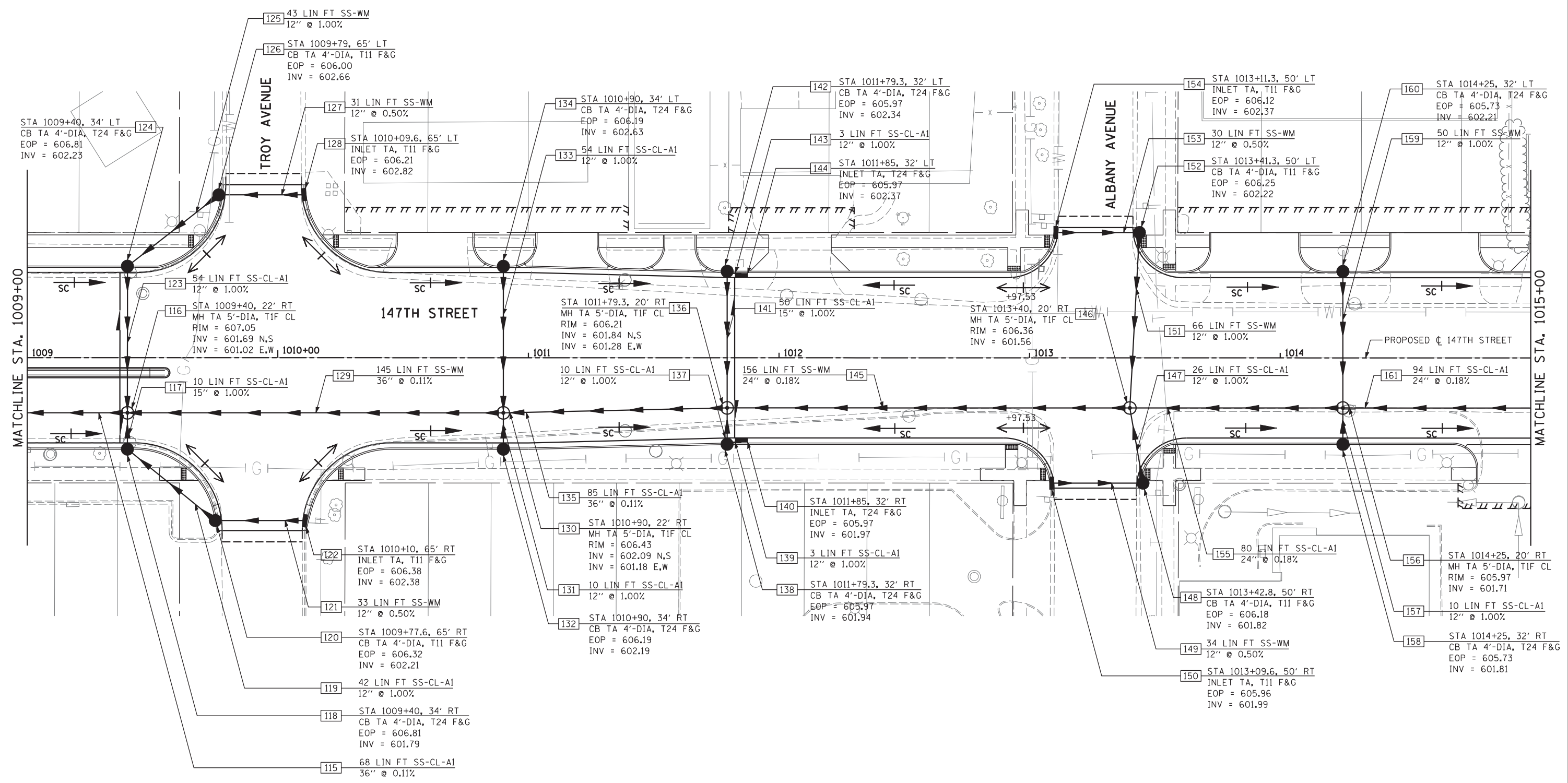
**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**147TH STREET PROJECT**

**PROPOSED DRAINAGE AND UTILITY PLAN - 147TH STREET**

SCALE: 1"=20'    SHEET NO. 1 OF 23 SHEETS    STA. 1003+00 TO STA. 1009+00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	(0405-1 & 0506-2) R-1	COOK	577	221
CONTRACT NO. 60M57				
FED. ROAD DIST. NO.    ILLINOIS FED. AID PROJECT				

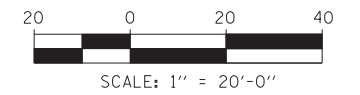


**PIPE UNDERDRAINS**

STA 1009+40 LT	40 LIN FT PIPE UNDERDRAINS 4"
STA 1009+40 RT	28 LIN FT PIPE UNDERDRAINS 4"
STA 1011+79.3 LT	32 LIN FT PIPE UNDERDRAINS 4"
STA 1011+79.3 RT	32 LIN FT PIPE UNDERDRAINS 4"

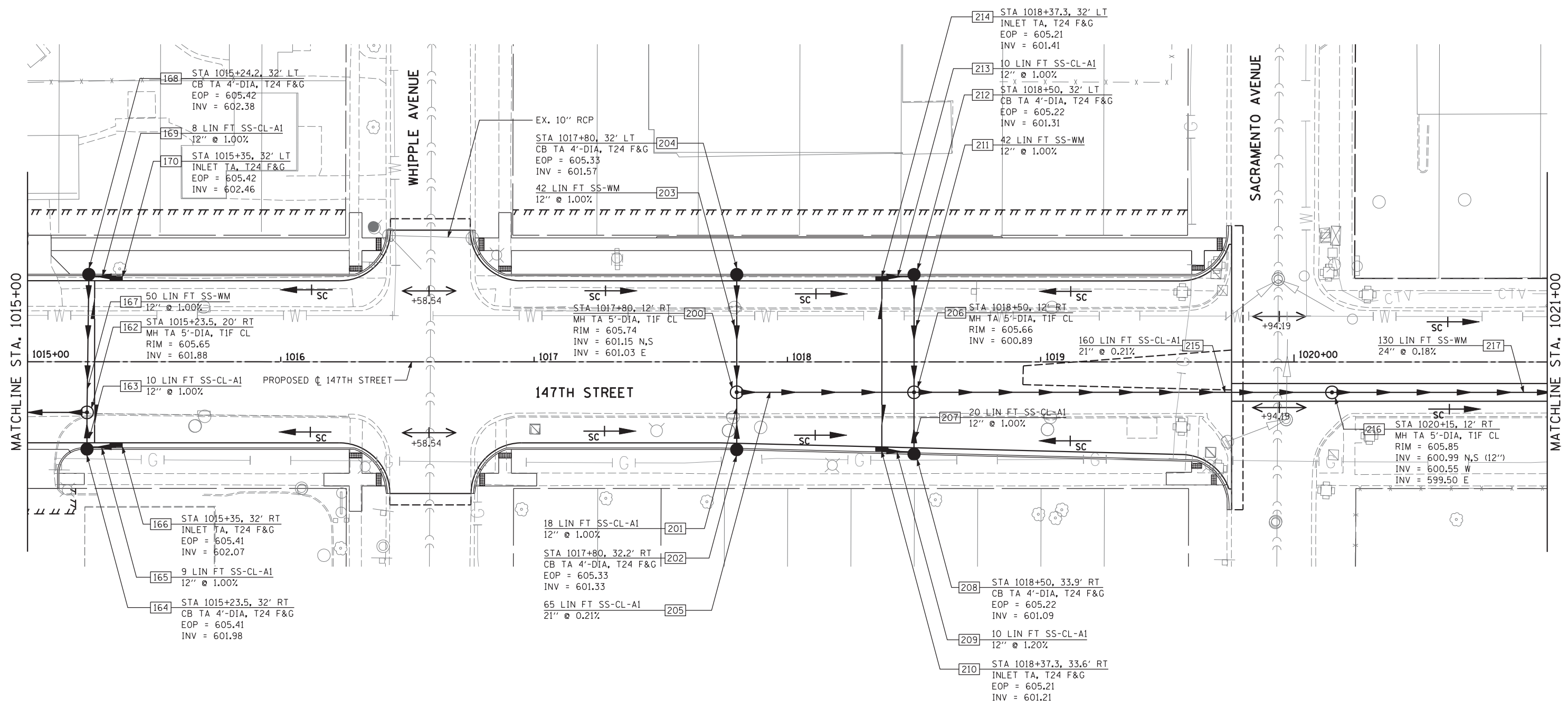
**LEGEND**

	EXISTING RIGHT-OF-WAY
	PROPOSED RIGHT-OF-WAY
	PROPOSED TEMPORARY EASEMENT



USER NAME =	DESIGNED - JRS	REVISED - JRS 12/01/2011
DRAWN - MJF	REVISED - JRS 02/15/2012	
PLOT SCALE =	CHECKED - APS	REVISED - JRS 05/04/2012
PLOT DATE =	DATE - 7/22/2011	REVISED -

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	(0405-1 & 0506-2) R-1	COOK	577	222
FED. ROAD DIST. NO.			ILLINOIS FED. AID PROJECT	
			CONTRACT NO. 60M57	

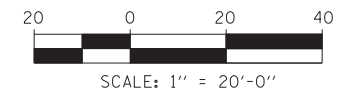


**PIPE UNDERDRAINS**

STA 1015+23.5 RT	32 LIN FT PIPE UNDERDRAINS 4"
STA 1015+24.2 LT	32 LIN FT PIPE UNDERDRAINS 4"
STA 1018+37.3 LT	32 LIN FT PIPE UNDERDRAINS 4"
STA 1018+37.3 RT	34 LIN FT PIPE UNDERDRAINS 4"

**LEGEND**

	EXISTING RIGHT-OF-WAY
	PROPOSED RIGHT-OF-WAY
	PROPOSED TEMPORARY EASEMENT



USER NAME =	DESIGNED - JRS	REVISED - JRS 12/01/2011
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PLOT SCALE =	CHECKED - APS	REVISED - JRS 05/04/2012
PLOT DATE	DATE - 7/22/2011	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

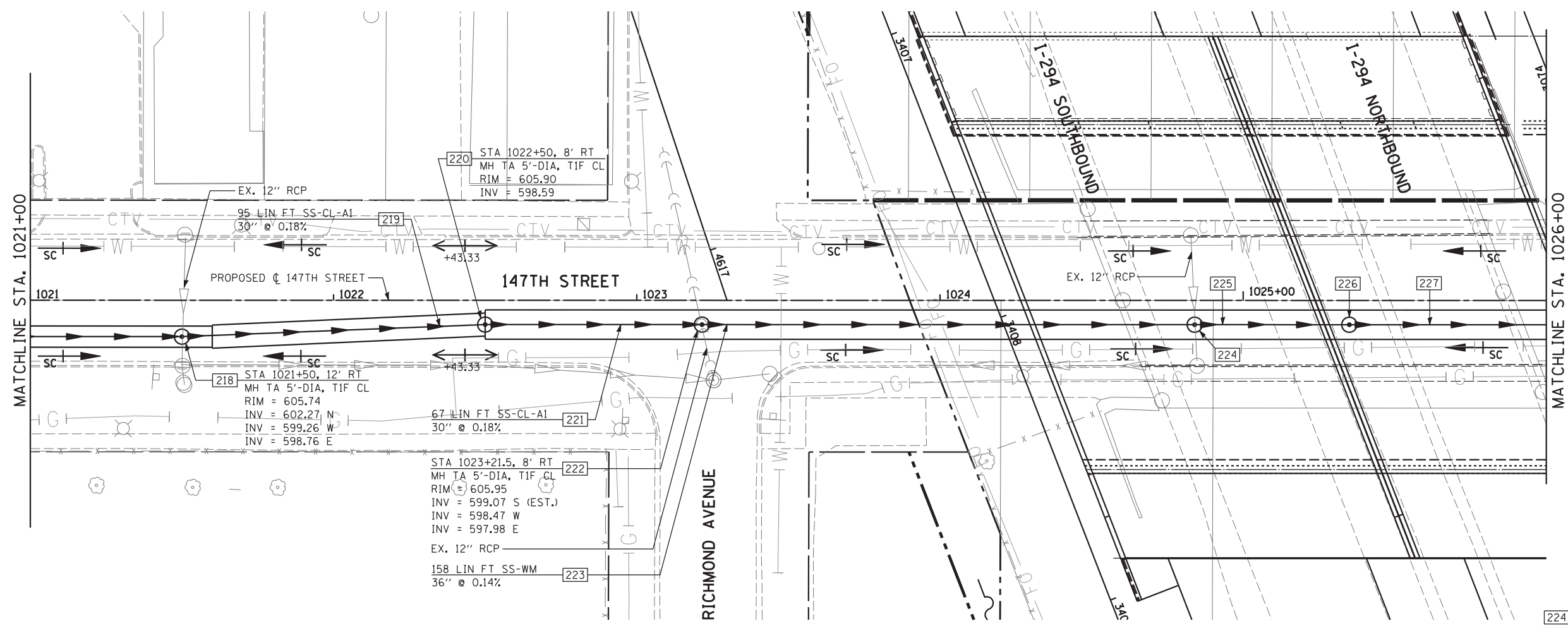
**147TH STREET PROJECT  
PROPOSED DRAINAGE AND UTILITY PLAN - 147TH STREET**

SCALE: 1"=20' SHEET NO. 3 OF 23 SHEETS STA. 1015+00 TO STA. 1021+00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	(0405-1 & 0506-2) R-1	COOK	577	223
CONTRACT NO. 60M57				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				



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MATCHLINE STA. 1021+00

MATCHLINE STA. 1026+00

220 STA 1022+50, 8' RT  
 MH TA 5'-DIA, TIF CL  
 RIM = 605.90  
 INV = 598.59

218 STA 1021+50, 12' RT  
 MH TA 5'-DIA, TIF CL  
 RIM = 605.74  
 INV = 602.27 N  
 INV = 599.26 W  
 INV = 598.76 E

222 STA 1023+21.5, 8' RT  
 MH TA 5'-DIA, TIF CL  
 RIM = 605.95  
 INV = 599.07 S (EST.)  
 INV = 598.47 W  
 INV = 597.98 E

223 158 LIN FT SS-WM  
 36" @ 0.14%

224 STA 1024+84, 8' RT  
 MH TA 5'-DIA, TIF CL  
 RIM = 605.90  
 INV = 602.84 N  
 INV = 597.76 W,E

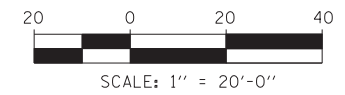
225 46 LIN FT SS-CL-A1  
 36" @ 0.14%

226 STA 1025+35, 8' RT  
 MH TA 5'-DIA, TIF CL  
 RIM = 605.89  
 INV = 600.14 N,S (15')  
 INV = 597.70 W  
 INV = 595.55 E

227 160 LIN FT SS-CL-A1  
 36" @ 0.14%

**LEGEND**

- — — — — EXISTING RIGHT-OF-WAY
- - - - - PROPOSED RIGHT-OF-WAY
- ||||| PROPOSED TEMPORARY EASEMENT



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PLOT SCALE =	CHECKED - APS	REVISED - JRS 05/04/2012
PLOT DATE	DATE - 7/22/2011	REVISED -

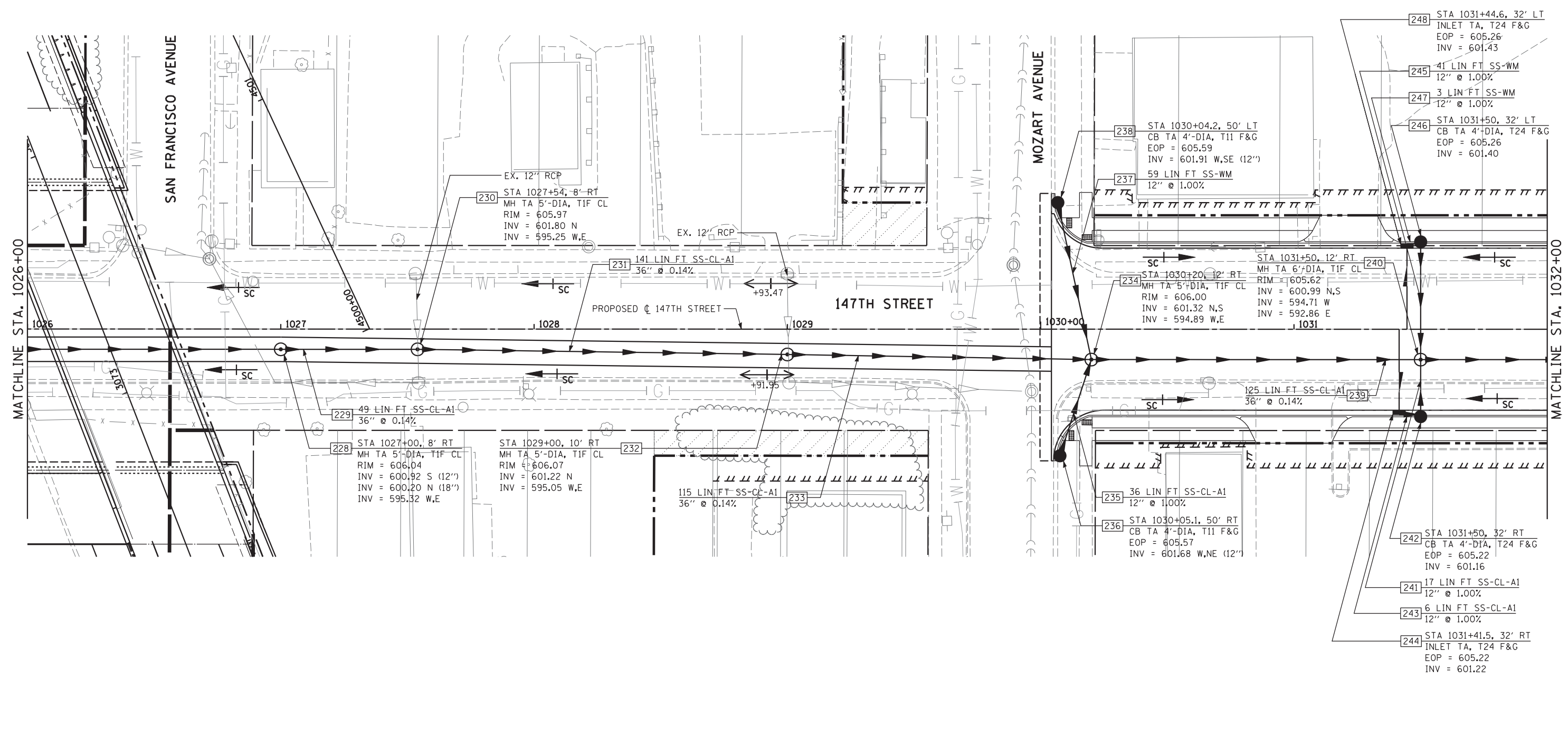
**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

**147TH STREET PROJECT  
 PROPOSED DRAINAGE AND UTILITY PLAN - 147TH STREET**

SCALE: 1"=20' SHEET NO. 4 OF 23 SHEETS STA. 1021+00 TO STA. 1026+00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	(0405-1 & 0506-2) R-1	COOK	577	224
FED. ROAD DIST. NO.			ILLINOIS FED. AID PROJECT	
			CONTRACT NO. 60M57	



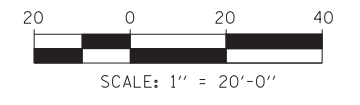


**PIPE UNDERDRAINS**

STA 1031+41.5 RT 32 LIN FT PIPE UNDERDRAINS 4"  
 STA 1031+44.6 LT 32 LIN FT PIPE UNDERDRAINS 4"

**LEGEND**

- EXISTING RIGHT-OF-WAY
- - - PROPOSED RIGHT-OF-WAY
- ||||| PROPOSED TEMPORARY EASEMENT



 HRGreen.com Illinois Professional Design Firm # 164-001322	USER NAME =	DESIGNED - JRS	REVISED - JRS 12/01/2011
	DRAWN - MJF	REVISOR - JRS 02/15/2012	
	CHECKED - APS	REVISOR - JRS 05/04/2012	
	DATE - 7/22/2011	REVISOR -	

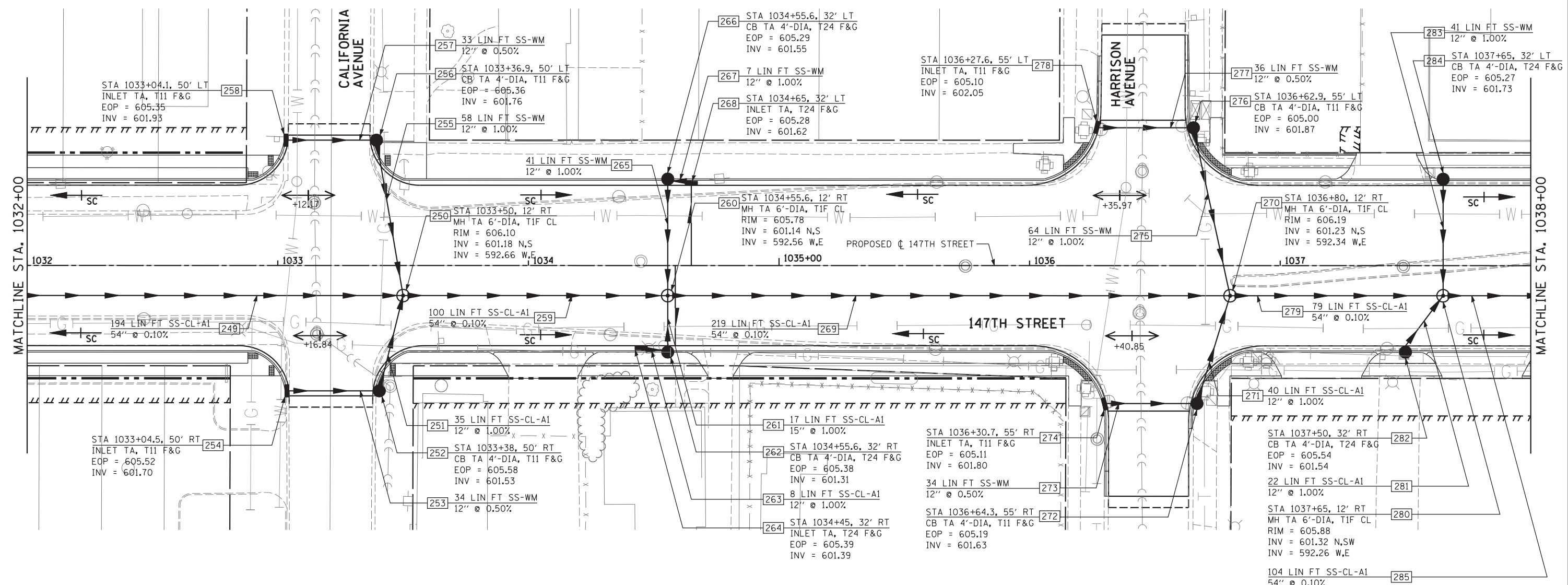
**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

<b>147TH STREET PROJECT</b>			
<b>PROPOSED DRAINAGE AND UTILITY PLAN - 147TH STREET</b>			
SCALE: 1"=20'	SHEET NO. 5 OF 23 SHEETS	STA. 1026+00 TO STA. 1032+00	

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	(0405-1 & 0506-2) R-1	COOK	577	225
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT			CONTRACT NO. 60M57	



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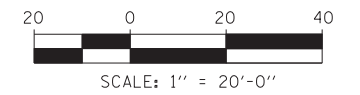


**PIPE UNDERDRAINS**

STA 1034+55.6 RT	32 LIN FT PIPE UNDERDRAINS 4"
STA 1034+65 LT	32 LIN FT PIPE UNDERDRAINS 4"
STA 1036+28.2 LT	18 LIN FT PIPE UNDERDRAINS 4"
STA 1036+31.2 RT	17 LIN FT PIPE UNDERDRAINS 4"
STA 1036+62.3 LT	17 LIN FT PIPE UNDERDRAINS 4"
STA 1036+63.7 RT	17 LIN FT PIPE UNDERDRAINS 4"

**LEGEND**

	EXISTING RIGHT-OF-WAY
	PROPOSED RIGHT-OF-WAY
	PROPOSED TEMPORARY EASEMENT

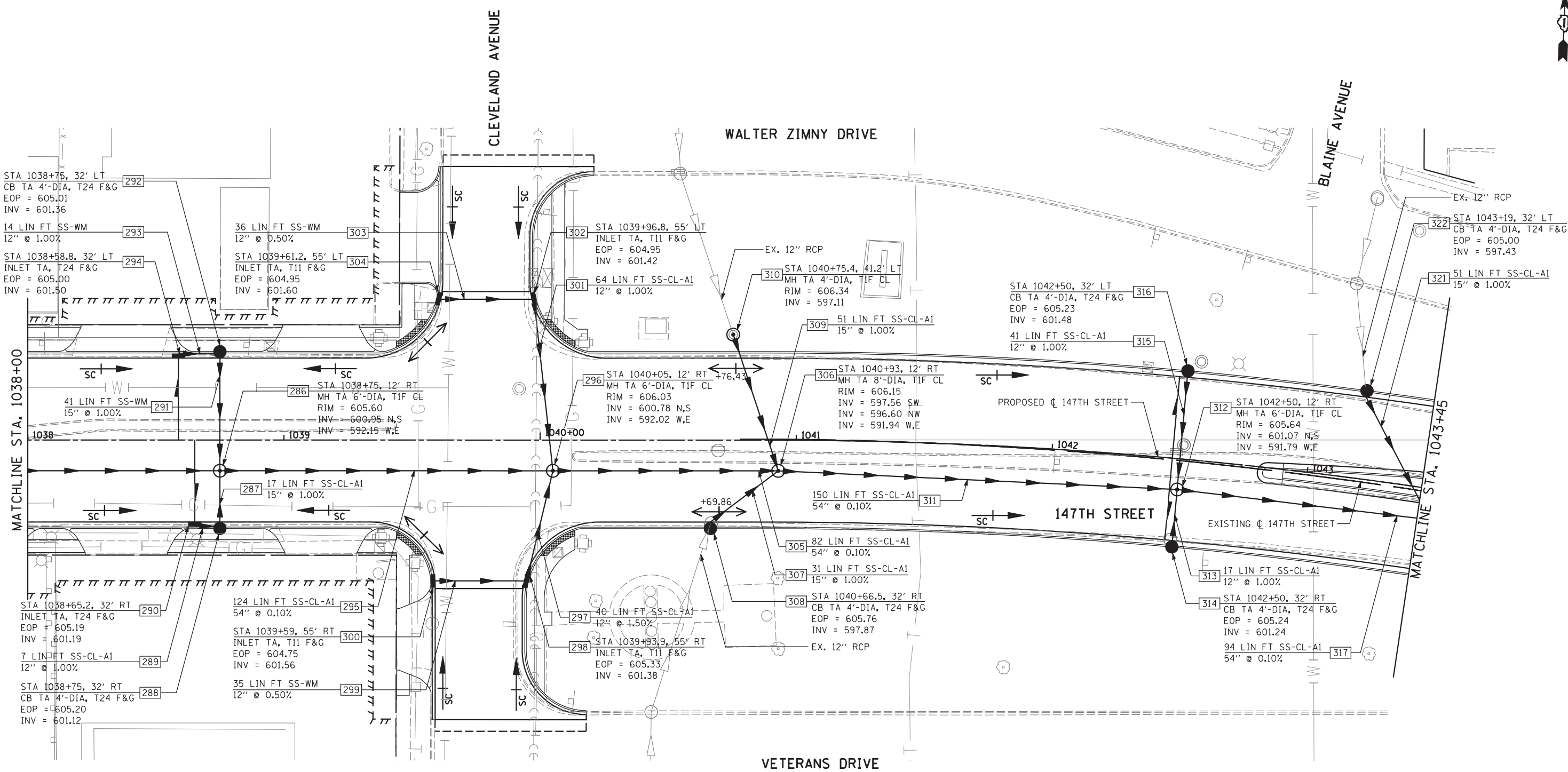


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	DRAWN - MJF	REVISED - JRS 02/15/2012	
	PLOT SCALE =	CHECKED - APS	REVISED - JRS 05/04/2012
	PLOT DATE	DATE - 7/22/2011	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

<b>147TH STREET PROJECT</b>			
<b>PROPOSED DRAINAGE AND UTILITY PLAN - 147TH STREET</b>			
SCALE: 1"=20'	SHEET NO. 6 OF 23 SHEETS	STA. 1032+00 TO STA. 1038+00	

F.A.I. R.T.E.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	(0405-1 & 0506-2) R-1	COOK	577	226
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT			CONTRACT NO. 60M57	

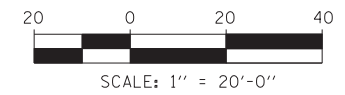


**PIPE UNDERDRAINS**

STA 1038+58.8 LT	32 LIN FT PIPE UNDERDRAINS	4"
STA 1038+65.2 RT	32 LIN FT PIPE UNDERDRAINS	4"
STA 1039+59 RT	17 LIN FT PIPE UNDERDRAINS	4"
STA 1039+61.7 LT	18 LIN FT PIPE UNDERDRAINS	4"
STA 1039+93.3 RT	18 LIN FT PIPE UNDERDRAINS	4"
STA 1039+96.3 LT	18 LIN FT PIPE UNDERDRAINS	4"
STA 1042+50 LT	32 LIN FT PIPE UNDERDRAINS	4"
STA 1042+50 RT	32 LIN FT PIPE UNDERDRAINS	4"

**LEGEND**

	EXISTING RIGHT-OF-WAY
	PROPOSED RIGHT-OF-WAY
	PROPOSED TEMPORARY EASEMENT



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	DRAWN - MJF	REVISED - JRS 02/15/2012	
	PLOT SCALE =	CHECKED - APS	REVISED - JRS 05/04/2012
	PLOT DATE	DATE - 7/22/2011	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**147TH STREET PROJECT  
PROPOSED DRAINAGE AND UTILITY PLAN - 147TH STREET**

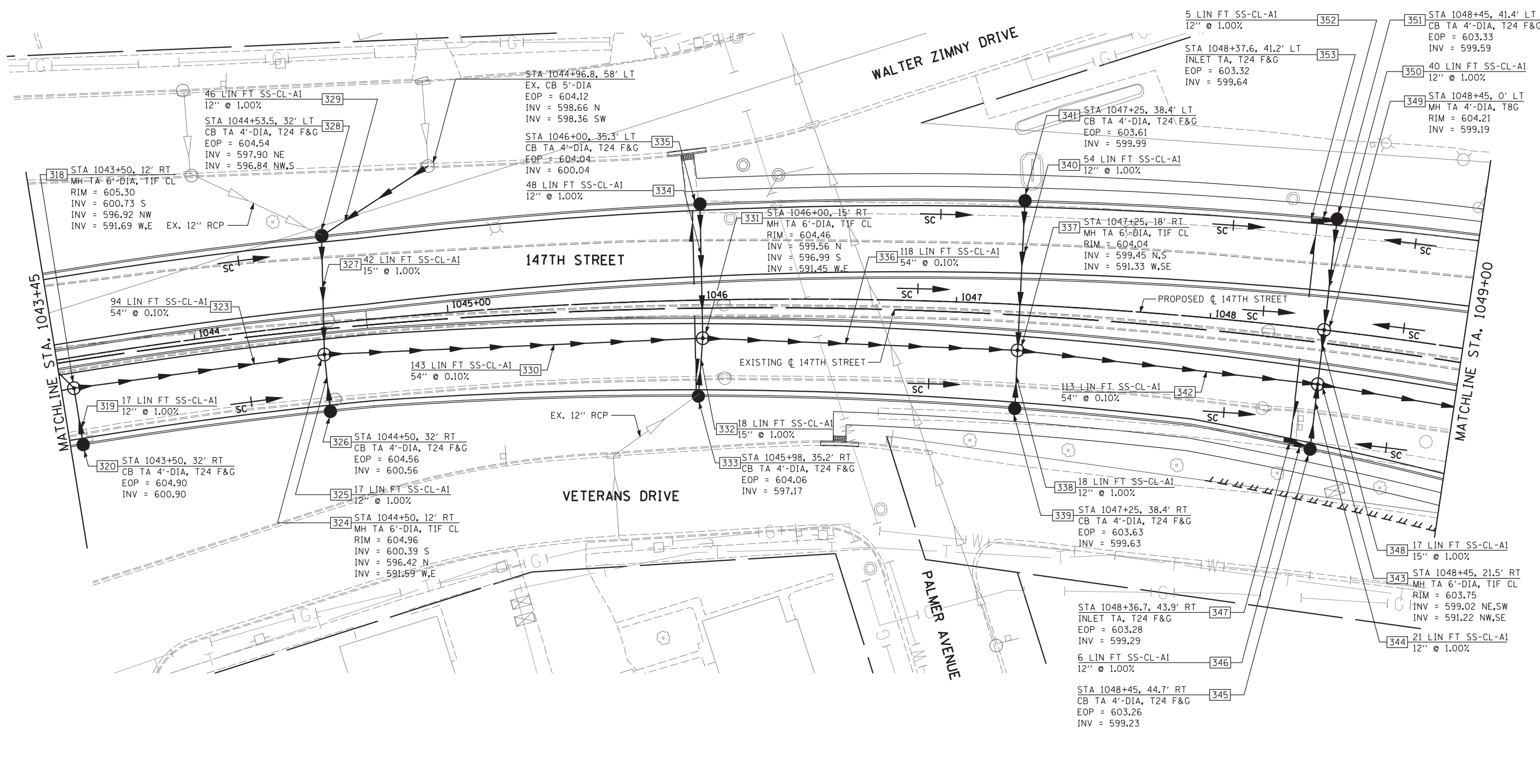
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F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	(0405-1 & 0506-2) R-1	COOK	577	227
FED. ROAD DIST. NO.			ILLINOIS FED. AID PROJECT	
			CONTRACT NO. 60M57	



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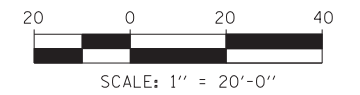


**PIPE UNDERDRAINS**

STA 1045+98 RT	29 LIN FT PIPE UNDERDRAINS 4"
STA 1046+00 LT	29 LIN FT PIPE UNDERDRAINS 4"
STA 1048+36.7 RT	32 LIN FT PIPE UNDERDRAINS 4"
STA 1048+37.6 LT	29 LIN FT PIPE UNDERDRAINS 4"

**LEGEND**

- EXISTING RIGHT-OF-WAY
- - - PROPOSED RIGHT-OF-WAY
- /// /// /// PROPOSED TEMPORARY EASEMENT



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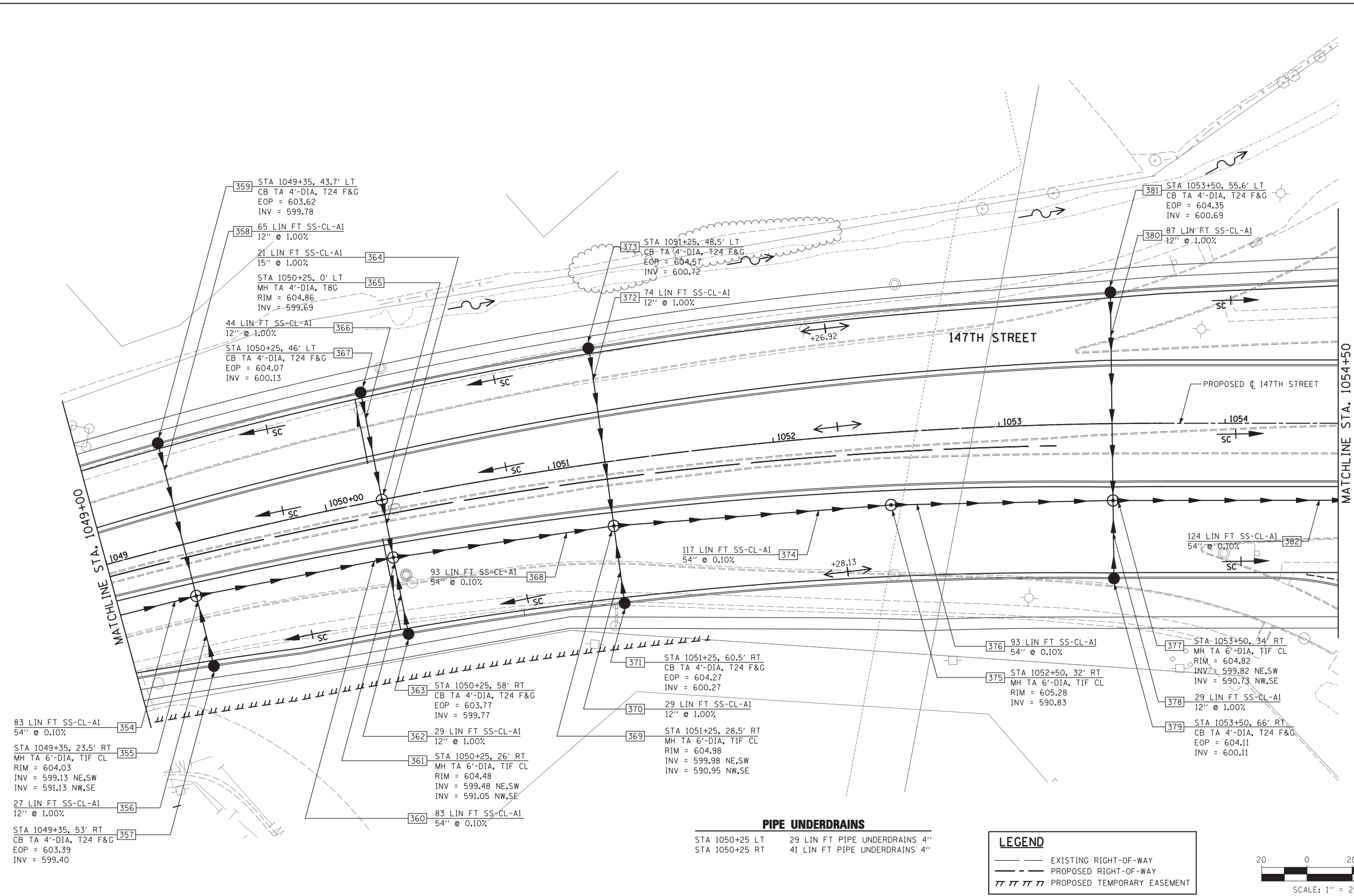
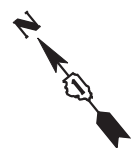
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	DRAWN - MJF	REVISED - JRS 02/15/2012
PLOT SCALE =	CHECKED - APS	REVISED - JRS 05/04/2012
PLOT DATE	DATE - 7/22/2011	REVISED -

**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

**147TH STREET PROJECT  
 PROPOSED DRAINAGE AND UTILITY PLAN - 147TH STREET**

SCALE: 1"=20' SHEET NO. 8 OF 23 SHEETS STA. 1043+45 TO STA. 1049+00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	(0405-1 & 0506-2) R-1	COOK	577	228
FED. ROAD DIST. NO.			CONTRACT NO. 60M57	
ILLINOIS FED. AID PROJECT				

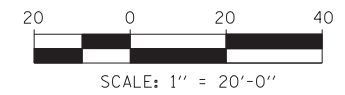


**PIPE UNDERDRAINS**

STA 1050+25 LT	29 LIN FT PIPE UNDERDRAINS 4"
STA 1050+25 RT	41 LIN FT PIPE UNDERDRAINS 4"

**LEGEND**

	EXISTING RIGHT-OF-WAY
	PROPOSED RIGHT-OF-WAY
	PROPOSED TEMPORARY EASEMENT



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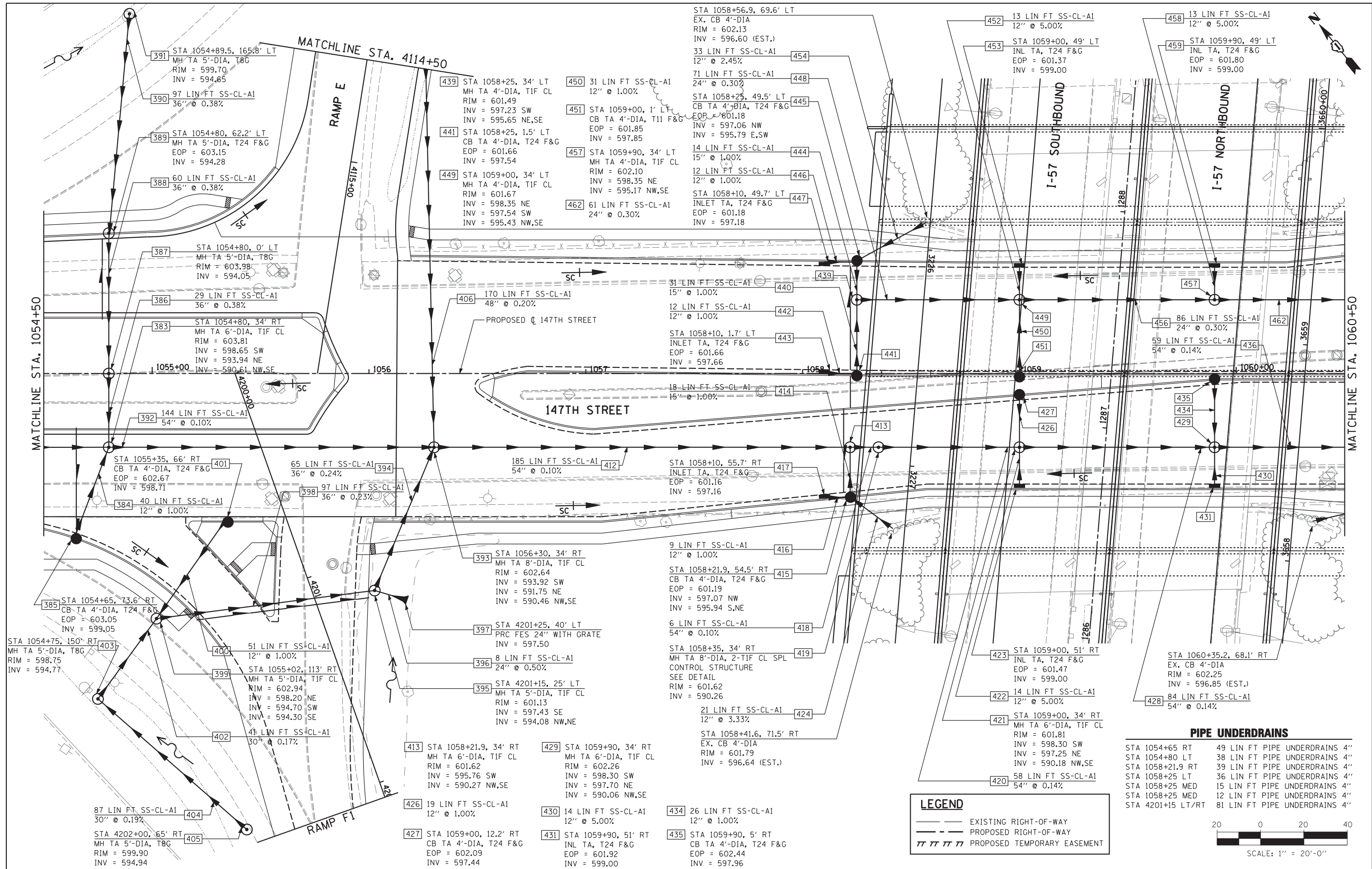
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PLOT DATE	CHECKED - APS	REVISED - JRS 05/04/2012
	DATE - 7/22/2011	REVISED -

**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

**147TH STREET PROJECT  
 PROPOSED DRAINAGE AND UTILITY PLAN - 147TH STREET**

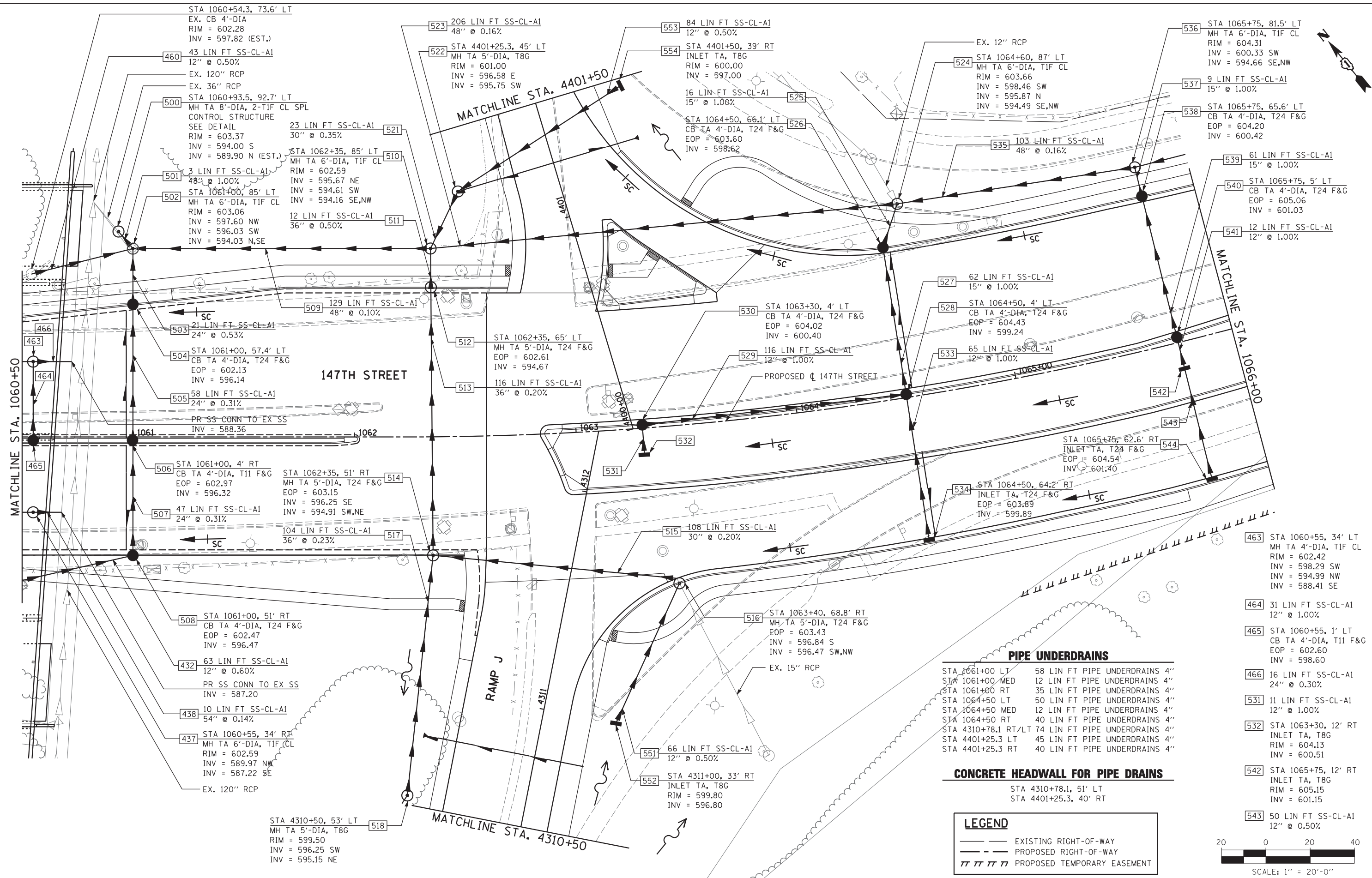
SCALE: 1"=20'	SHEET NO. 9 OF 23 SHEETS	STA. 1049+00 TO STA. 1054+50
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F.A.I. R.T.E.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	(0405-1 & 0506-2) R-1	COOK	577	229
FED. ROAD DIST. NO.			CONTRACT NO. 60M57	
ILLINOIS FED. AID PROJECT				



HRGreen.com Illinois Professional Design Firm #184-001322 HRGreen	USER NAME = DESIGNED - JRS DRAWN - MJF CHECKED - APS PLOT DATE = DATE - 7/22/2011	DESIGNED - JRS REVISIONS: 12/01/2011 02/15/2012 05/04/2012	<b>STATE OF ILLINOIS</b> <b>DEPARTMENT OF TRANSPORTATION</b>	<b>147TH STREET PROJECT</b> <b>PROPOSED DRAINAGE AND UTILITY PLAN - 147TH STREET</b> SCALE: 1"=20' SHEET NO. 10 OF 23 SHEETS STA. 1054+50 TO STA. 1060+50	F.A.I. R.E. = 57 SECTION = (0405-1 & 0506-2) R-1 COUNTY = COOK TOTAL SHEETS = 577 SHEET NO. = 230 CONTRACT NO. = 60M57 FED. ROAD DIST. NO. = ILLINOIS FED. AID PROJECT =
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MATCHLINE STA. 1060+50

MATCHLINE STA. 1066+00

MATCHLINE STA. 4310+50

MATCHLINE STA. 4401+50

**PIPE UNDERDRAINS**

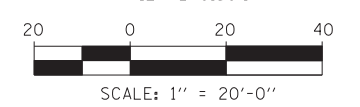
STA 1061+00 LT	58 LIN FT PIPE UNDERDRAINS 4"
STA 1061+00 MED	12 LIN FT PIPE UNDERDRAINS 4"
STA 1061+00 RT	35 LIN FT PIPE UNDERDRAINS 4"
STA 1064+50 LT	50 LIN FT PIPE UNDERDRAINS 4"
STA 1064+50 MED	12 LIN FT PIPE UNDERDRAINS 4"
STA 1064+50 RT	40 LIN FT PIPE UNDERDRAINS 4"
STA 4310+78.1 RT/LT	74 LIN FT PIPE UNDERDRAINS 4"
STA 4401+25.3 LT	45 LIN FT PIPE UNDERDRAINS 4"
STA 4401+25.3 RT	40 LIN FT PIPE UNDERDRAINS 4"

**CONCRETE HEADWALL FOR PIPE DRAINS**

STA 4310+78.1, 51' LT
STA 4401+25.3, 40' RT

**LEGEND**

- EXISTING RIGHT-OF-WAY
- - - PROPOSED RIGHT-OF-WAY
- /// PROPOSED TEMPORARY EASEMENT



USER NAME =	DESIGNED - JRS	REVISED - JRS 12/01/2011
	DRAWN - MJF	REVISED - JRS 02/15/2012
PLOT SCALE =	CHECKED - APS	REVISED - JRS 05/04/2012
PLOT DATE	DATE - 7/22/2011	REVISED -

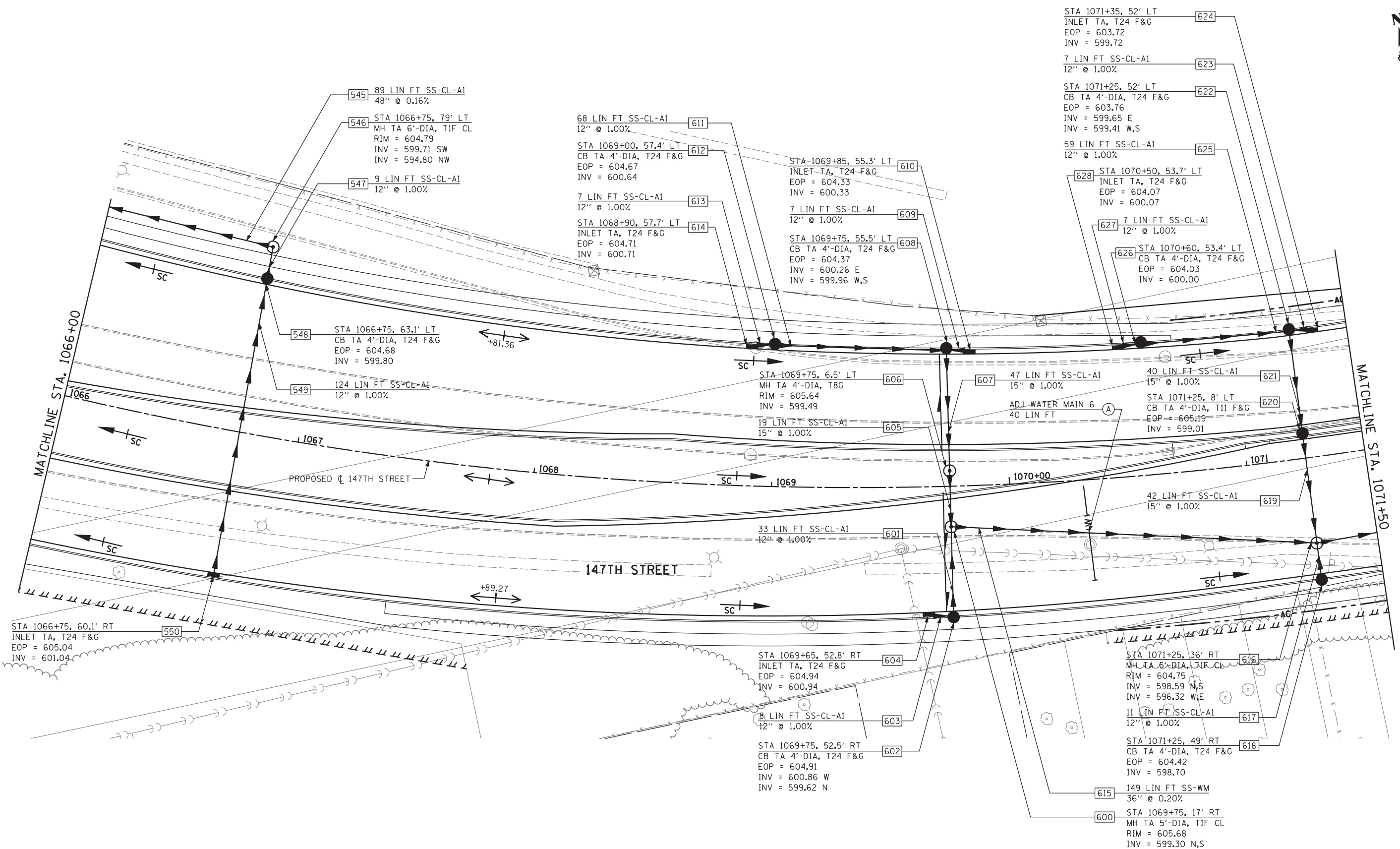
**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**147TH STREET PROJECT  
PROPOSED DRAINAGE AND UTILITY PLAN - 147TH STREET**

SCALE: 1"=20' SHEET NO. 11 OF 23 SHEETS STA. 1060+50 TO STA. 1066+00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	(0405-1 & 0506-2) R-1	COOK	577	231
CONTRACT NO. 60M57				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				

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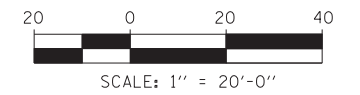


**PIPE UNDERDRAINS**

STA 1069+75 LT	41 LIN FT PIPE UNDERDRAINS 4"
STA 1069+75 RT	50 LIN FT PIPE UNDERDRAINS 4"

**LEGEND**

	EXISTING RIGHT-OF-WAY
	PROPOSED RIGHT-OF-WAY
	PROPOSED TEMPORARY EASEMENT



USER NAME =	DESIGNED - JRS	REVISED - JRS 12/01/2011
	DRAWN - MJF	REVISED - JRS 02/15/2012
PLOT SCALE =	CHECKED - APS	REVISED - JRS 05/04/2012
PLOT DATE	DATE - 7/22/2011	REVISED -

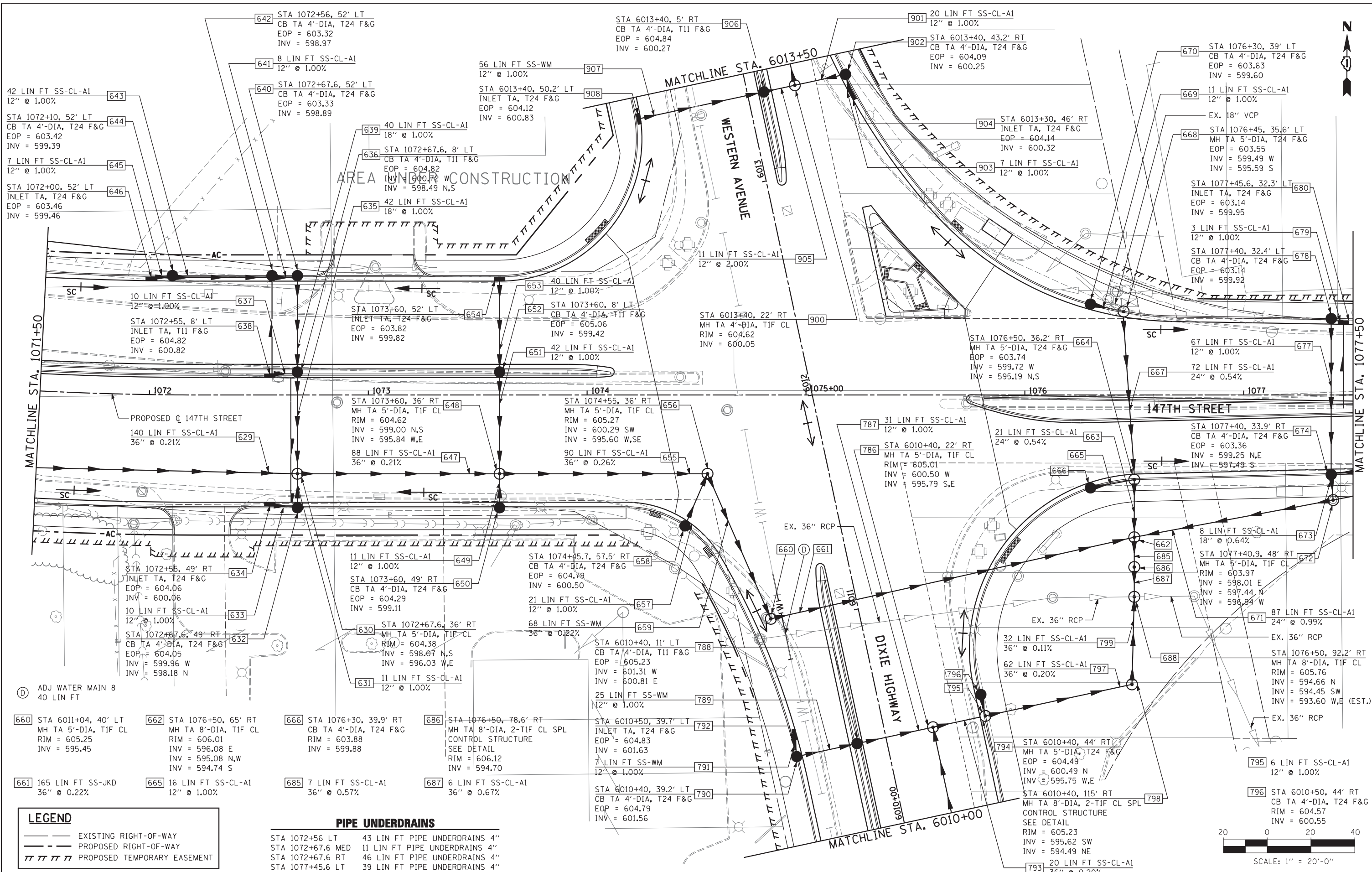
**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**147TH STREET PROJECT  
PROPOSED DRAINAGE AND UTILITY PLAN - 147TH STREET**

SCALE: 1"=20'	SHEET NO. 12 OF 23 SHEETS	STA. 1066+00 TO STA. 1071+50
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F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	(0405-1 & 0506-2) R-1	COOK	577	232
FED. ROAD DIST. NO.			CONTRACT NO. 60M57	
ILLINOIS FED. AID PROJECT				





**LEGEND**

- EXISTING RIGHT-OF-WAY
- - - PROPOSED RIGHT-OF-WAY
- ||||| PROPOSED TEMPORARY EASEMENT

**PIPE UNDERDRAINS**

STA 1072+56 LT	43 LIN FT PIPE UNDERDRAINS 4"
STA 1072+67.6 MED	11 LIN FT PIPE UNDERDRAINS 4"
STA 1072+67.6 RT	46 LIN FT PIPE UNDERDRAINS 4"
STA 1077+45.6 LT	39 LIN FT PIPE UNDERDRAINS 4"

- 642 STA 1072+56, 52' LT  
CB TA 4'-DIA, T24 F&G  
EOP = 603.32  
INV = 598.97
- 641 8 LIN FT SS-CL-A1  
12" @ 1.00%
- 643 STA 1072+10, 52' LT  
CB TA 4'-DIA, T24 F&G  
EOP = 603.42  
INV = 599.39
- 644 7 LIN FT SS-CL-A1  
12" @ 1.00%
- 645 STA 1072+00, 52' LT  
INLET TA, T24 F&G  
EOP = 603.46  
INV = 599.46
- 646 STA 1072+67.6, 52' LT  
CB TA 4'-DIA, T24 F&G  
EOP = 603.33  
INV = 598.89
- 647 STA 1072+55, 8' LT  
INLET TA, T11 F&G  
EOP = 604.82  
INV = 600.82
- 648 STA 1073+60, 52' LT  
INLET TA, T24 F&G  
EOP = 603.82  
INV = 599.82
- 649 STA 1073+60, 36' RT  
MH TA 5'-DIA, TIF CL  
RIM = 604.62  
INV = 599.00 N,S  
INV = 595.84 W,E
- 650 STA 1073+60, 49' RT  
CB TA 4'-DIA, T24 F&G  
EOP = 604.29  
INV = 599.11
- 651 STA 1073+60, 52' LT  
INLET TA, T24 F&G  
EOP = 603.82  
INV = 599.82
- 652 STA 1073+60, 8' LT  
CB TA 4'-DIA, T11 F&G  
EOP = 605.06  
INV = 599.42
- 653 STA 1074+55, 36' RT  
MH TA 5'-DIA, TIF CL  
RIM = 605.27  
INV = 600.29 SW  
INV = 595.60 W,SE
- 654 STA 1074+57.5, 57.5' RT  
CB TA 4'-DIA, T24 F&G  
EOP = 604.79  
INV = 600.50
- 655 STA 1074+55, 36' RT  
MH TA 5'-DIA, TIF CL  
RIM = 605.27  
INV = 600.29 SW  
INV = 595.60 W,SE
- 656 STA 1074+45.7, 57.5' RT  
CB TA 4'-DIA, T24 F&G  
EOP = 604.79  
INV = 600.50
- 657 STA 1074+45.7, 57.5' RT  
CB TA 4'-DIA, T24 F&G  
EOP = 604.79  
INV = 600.50
- 658 STA 1074+55, 36' RT  
MH TA 5'-DIA, TIF CL  
RIM = 604.38  
INV = 598.07 N,S  
INV = 596.03 W,E
- 659 STA 1074+57.5, 57.5' RT  
CB TA 4'-DIA, T24 F&G  
EOP = 604.79  
INV = 600.50
- 660 STA 6011+04, 40' LT  
MH TA 5'-DIA, TIF CL  
RIM = 605.25  
INV = 595.45
- 661 165 LIN FT SS-JKD  
36" @ 0.22%
- 662 STA 1076+50, 65' RT  
MH TA 8'-DIA, TIF CL  
RIM = 606.01  
INV = 596.08 E  
INV = 595.08 N,W  
INV = 594.74 S
- 663 STA 1076+30, 39' RT  
CB TA 4'-DIA, T24 F&G  
RIM = 603.88  
INV = 599.88
- 664 STA 1076+50, 36.2' RT  
MH TA 5'-DIA, T24 F&G  
EOP = 603.74  
INV = 599.72 W  
INV = 595.19 N,S
- 665 STA 1076+50, 78.6' RT  
MH TA 8'-DIA, 2-TIF CL SPL  
CONTROL STRUCTURE  
SEE DETAIL  
RIM = 606.12  
INV = 594.70
- 666 STA 1076+50, 39.7' LT  
INLET TA, T24 F&G  
EOP = 604.83  
INV = 601.63
- 667 STA 1076+50, 92.2' RT  
MH TA 8'-DIA, TIF CL  
RIM = 605.76  
INV = 594.66 N  
INV = 594.45 SW  
INV = 593.60 W,E (EST.)
- 668 STA 1076+45, 35.6' LT  
MH TA 5'-DIA, T24 F&G  
EOP = 603.55  
INV = 599.49 W  
INV = 595.59 S
- 669 STA 1076+30, 39' LT  
CB TA 4'-DIA, T24 F&G  
EOP = 603.63  
INV = 599.60
- 670 STA 1076+50, 36.2' RT  
MH TA 5'-DIA, T24 F&G  
EOP = 603.74  
INV = 599.72 W  
INV = 595.19 N,S
- 671 STA 1077+40.9, 48' RT  
MH TA 5'-DIA, TIF CL  
RIM = 603.97  
INV = 598.01 E  
INV = 597.44 N  
INV = 596.94 W
- 672 STA 1077+40.9, 48' RT  
MH TA 5'-DIA, TIF CL  
RIM = 603.97  
INV = 598.01 E  
INV = 597.44 N  
INV = 596.94 W
- 673 STA 1077+40.9, 48' RT  
MH TA 5'-DIA, TIF CL  
RIM = 603.97  
INV = 598.01 E  
INV = 597.44 N  
INV = 596.94 W
- 674 STA 1077+40, 33.9' RT  
CB TA 4'-DIA, T24 F&G  
EOP = 603.36  
INV = 599.25 N,E  
INV = 597.49 S
- 675 STA 1077+40, 32.4' LT  
CB TA 4'-DIA, T24 F&G  
EOP = 603.14  
INV = 599.92
- 676 STA 1077+45.6, 32.3' LT  
INLET TA, T24 F&G  
EOP = 603.14  
INV = 599.95
- 677 STA 1077+40, 32.4' LT  
CB TA 4'-DIA, T24 F&G  
EOP = 603.14  
INV = 599.92
- 678 STA 1077+40, 32.4' LT  
CB TA 4'-DIA, T24 F&G  
EOP = 603.14  
INV = 599.92
- 679 STA 1077+40, 32.4' LT  
CB TA 4'-DIA, T24 F&G  
EOP = 603.14  
INV = 599.92
- 680 STA 1077+45.6, 32.3' LT  
INLET TA, T24 F&G  
EOP = 603.14  
INV = 599.95
- 681 STA 1077+40, 32.4' LT  
CB TA 4'-DIA, T24 F&G  
EOP = 603.14  
INV = 599.92
- 682 STA 1077+40, 32.4' LT  
CB TA 4'-DIA, T24 F&G  
EOP = 603.14  
INV = 599.92
- 683 STA 1077+40.9, 48' RT  
MH TA 5'-DIA, TIF CL  
RIM = 603.97  
INV = 598.01 E  
INV = 597.44 N  
INV = 596.94 W
- 684 STA 1077+40.9, 48' RT  
MH TA 5'-DIA, TIF CL  
RIM = 603.97  
INV = 598.01 E  
INV = 597.44 N  
INV = 596.94 W
- 685 STA 1077+40.9, 48' RT  
MH TA 5'-DIA, TIF CL  
RIM = 603.97  
INV = 598.01 E  
INV = 597.44 N  
INV = 596.94 W
- 686 STA 1076+50, 92.2' RT  
MH TA 8'-DIA, TIF CL  
RIM = 605.76  
INV = 594.66 N  
INV = 594.45 SW  
INV = 593.60 W,E (EST.)
- 687 STA 1076+50, 92.2' RT  
MH TA 8'-DIA, TIF CL  
RIM = 605.76  
INV = 594.66 N  
INV = 594.45 SW  
INV = 593.60 W,E (EST.)
- 688 STA 1076+50, 92.2' RT  
MH TA 8'-DIA, TIF CL  
RIM = 605.76  
INV = 594.66 N  
INV = 594.45 SW  
INV = 593.60 W,E (EST.)
- 689 STA 1076+50, 92.2' RT  
MH TA 8'-DIA, TIF CL  
RIM = 605.76  
INV = 594.66 N  
INV = 594.45 SW  
INV = 593.60 W,E (EST.)
- 690 STA 6013+40, 5' RT  
CB TA 4'-DIA, T11 F&G  
EOP = 604.84  
INV = 600.27
- 691 20 LIN FT SS-CL-A1  
12" @ 1.00%
- 692 STA 6013+40, 43.2' RT  
CB TA 4'-DIA, T24 F&G  
EOP = 604.09  
INV = 600.25
- 693 STA 6010+50, 44' RT  
MH TA 5'-DIA, T24 F&G  
EOP = 604.49  
INV = 600.49 N  
INV = 595.75 W,E
- 694 STA 6010+40, 44' RT  
MH TA 5'-DIA, T24 F&G  
EOP = 604.49  
INV = 600.49 N  
INV = 595.75 W,E
- 695 STA 6010+40, 115' RT  
MH TA 8'-DIA, 2-TIF CL SPL  
CONTROL STRUCTURE  
SEE DETAIL  
RIM = 605.23  
INV = 595.62 SW  
INV = 594.49 NE
- 696 STA 6010+40, 39.2' LT  
CB TA 4'-DIA, T24 F&G  
EOP = 604.79  
INV = 601.56
- 697 56 LIN FT SS-WM  
12" @ 1.00%
- 698 STA 6013+40, 50.2' LT  
INLET TA, T24 F&G  
EOP = 604.12  
INV = 600.83
- 699 STA 6010+40, 11' LT  
CB TA 4'-DIA, T11 F&G  
EOP = 605.23  
INV = 601.31 W  
INV = 600.81 E
- 700 STA 6013+40, 22' RT  
MH TA 4'-DIA, TIF CL  
RIM = 604.62  
INV = 600.05
- 701 STA 6010+40, 39.7' LT  
INLET TA, T24 F&G  
EOP = 604.83  
INV = 601.63
- 702 STA 6010+40, 39.2' LT  
CB TA 4'-DIA, T24 F&G  
EOP = 604.79  
INV = 601.56
- 703 STA 1072+56, 52' LT  
CB TA 4'-DIA, T24 F&G  
EOP = 603.32  
INV = 598.97
- 704 STA 1072+67.6, 52' LT  
CB TA 4'-DIA, T24 F&G  
EOP = 603.33  
INV = 598.89
- 705 STA 1072+10, 52' LT  
CB TA 4'-DIA, T24 F&G  
EOP = 603.42  
INV = 599.39
- 706 STA 1072+00, 52' LT  
INLET TA, T24 F&G  
EOP = 603.46  
INV = 599.46
- 707 STA 1072+55, 8' LT  
INLET TA, T11 F&G  
EOP = 604.82  
INV = 600.82
- 708 STA 1073+60, 52' LT  
INLET TA, T24 F&G  
EOP = 603.82  
INV = 599.82
- 709 STA 1073+60, 36' RT  
MH TA 5'-DIA, TIF CL  
RIM = 604.62  
INV = 599.00 N,S  
INV = 595.84 W,E
- 710 STA 1073+60, 49' RT  
CB TA 4'-DIA, T24 F&G  
EOP = 604.29  
INV = 599.11
- 711 STA 1073+60, 52' LT  
INLET TA, T24 F&G  
EOP = 603.82  
INV = 599.82
- 712 STA 1074+55, 36' RT  
MH TA 5'-DIA, TIF CL  
RIM = 605.27  
INV = 600.29 SW  
INV = 595.60 W,SE
- 713 STA 1074+57.5, 57.5' RT  
CB TA 4'-DIA, T24 F&G  
EOP = 604.79  
INV = 600.50
- 714 STA 1074+55, 36' RT  
MH TA 5'-DIA, TIF CL  
RIM = 605.27  
INV = 600.29 SW  
INV = 595.60 W,SE
- 715 STA 1074+45.7, 57.5' RT  
CB TA 4'-DIA, T24 F&G  
EOP = 604.79  
INV = 600.50
- 716 STA 1074+55, 36' RT  
MH TA 5'-DIA, TIF CL  
RIM = 604.38  
INV = 598.07 N,S  
INV = 596.03 W,E
- 717 STA 1074+57.5, 57.5' RT  
CB TA 4'-DIA, T24 F&G  
EOP = 604.79  
INV = 600.50
- 718 STA 6011+04, 40' LT  
MH TA 5'-DIA, TIF CL  
RIM = 605.25  
INV = 595.45
- 719 STA 1076+50, 65' RT  
MH TA 8'-DIA, TIF CL  
RIM = 606.01  
INV = 596.08 E  
INV = 595.08 N,W  
INV = 594.74 S
- 720 STA 1076+30, 39' RT  
CB TA 4'-DIA, T24 F&G  
RIM = 603.88  
INV = 599.88
- 721 STA 1076+50, 36.2' RT  
MH TA 5'-DIA, T24 F&G  
EOP = 603.74  
INV = 599.72 W  
INV = 595.19 N,S
- 722 STA 1076+50, 78.6' RT  
MH TA 8'-DIA, 2-TIF CL SPL  
CONTROL STRUCTURE  
SEE DETAIL  
RIM = 606.12  
INV = 594.70
- 723 STA 1076+50, 39.7' LT  
INLET TA, T24 F&G  
EOP = 604.83  
INV = 601.63
- 724 STA 1076+50, 92.2' RT  
MH TA 8'-DIA, TIF CL  
RIM = 605.76  
INV = 594.66 N  
INV = 594.45 SW  
INV = 593.60 W,E (EST.)
- 725 STA 1076+45, 35.6' LT  
MH TA 5'-DIA, T24 F&G  
EOP = 603.55  
INV = 599.49 W  
INV = 595.59 S
- 726 STA 1076+30, 39' LT  
CB TA 4'-DIA, T24 F&G  
EOP = 603.63  
INV = 599.60
- 727 STA 1076+50, 36.2' RT  
MH TA 5'-DIA, T24 F&G  
EOP = 603.74  
INV = 599.72 W  
INV = 595.19 N,S
- 728 STA 1077+40, 33.9' RT  
CB TA 4'-DIA, T24 F&G  
EOP = 603.36  
INV = 599.25 N,E  
INV = 597.49 S
- 729 STA 1077+40, 32.4' LT  
CB TA 4'-DIA, T24 F&G  
EOP = 603.14  
INV = 599.92
- 730 STA 1077+45.6, 32.3' LT  
INLET TA, T24 F&G  
EOP = 603.14  
INV = 599.95
- 731 STA 1077+40, 32.4' LT  
CB TA 4'-DIA, T24 F&G  
EOP = 603.14  
INV = 599.92
- 732 STA 1077+40, 32.4' LT  
CB TA 4'-DIA, T24 F&G  
EOP = 603.14  
INV = 599.92
- 733 STA 1077+45.6, 32.3' LT  
INLET TA, T24 F&G  
EOP = 603.14  
INV = 599.95
- 734 STA 1077+40, 32.4' LT  
CB TA 4'-DIA, T24 F&G  
EOP = 603.14  
INV = 599.92
- 735 STA 1077+40, 32.4' LT  
CB TA 4'-DIA, T24 F&G  
EOP = 603.14  
INV = 599.92
- 736 STA 1077+40.9, 48' RT  
MH TA 5'-DIA, TIF CL  
RIM = 603.97  
INV = 598.01 E  
INV = 597.44 N  
INV = 596.94 W
- 737 STA 1077+40.9, 48' RT  
MH TA 5'-DIA, TIF CL  
RIM = 603.97  
INV = 598.01 E  
INV = 597.44 N  
INV = 596.94 W
- 738 STA 1077+40.9, 48' RT  
MH TA 5'-DIA, TIF CL  
RIM = 603.97  
INV = 598.01 E  
INV = 597.44 N  
INV = 596.94 W
- 739 STA 1076+50, 92.2' RT  
MH TA 8'-DIA, TIF CL  
RIM = 605.76  
INV = 594.66 N  
INV = 594.45 SW  
INV = 593.60 W,E (EST.)
- 740 STA 1076+50, 92.2' RT  
MH TA 8'-DIA, TIF CL  
RIM = 605.76  
INV = 594.66 N  
INV = 594.45 SW  
INV = 593.60 W,E (EST.)
- 741 STA 1076+50, 92.2' RT  
MH TA 8'-DIA, TIF CL  
RIM = 605.76  
INV = 594.66 N  
INV = 594.45 SW  
INV = 593.60 W,E (EST.)
- 742 STA 1076+50, 92.2' RT  
MH TA 8'-DIA, TIF CL  
RIM = 605.76  
INV = 594.66 N  
INV = 594.45 SW  
INV = 593.60 W,E (EST.)
- 743 STA 6013+40, 5' RT  
CB TA 4'-DIA, T11 F&G  
EOP = 604.84  
INV = 600.27
- 744 20 LIN FT SS-CL-A1  
12" @ 1.00%
- 745 STA 6013+40, 43.2' RT  
CB TA 4'-DIA, T24 F&G  
EOP = 604.09  
INV = 600.25
- 746 STA 6010+50, 44' RT  
MH TA 5'-DIA, T24 F&G  
EOP = 604.49  
INV = 600.49 N  
INV = 595.75 W,E
- 747 STA 6010+40, 44' RT  
MH TA 5'-DIA, T24 F&G  
EOP = 604.49  
INV = 600.49 N  
INV = 595.75 W,E
- 748 STA 6010+40, 115' RT  
MH TA 8'-DIA, 2-TIF CL SPL  
CONTROL STRUCTURE  
SEE DETAIL  
RIM = 605.23  
INV = 595.62 SW  
INV = 594.49 NE
- 749 STA 6010+40, 39.2' LT  
CB TA 4'-DIA, T24 F&G  
EOP = 604.79  
INV = 601.56
- 750 56 LIN FT SS-WM  
12" @ 1.00%
- 751 STA 6013+40, 50.2' LT  
INLET TA, T24 F&G  
EOP = 604.12  
INV = 600.83
- 752 STA 6010+40, 11' LT  
CB TA 4'-DIA, T11 F&G  
EOP = 605.23  
INV = 601.31 W  
INV = 600.81 E
- 753 STA 6013+40, 22' RT  
MH TA 4'-DIA, TIF CL  
RIM = 604.62  
INV = 600.05
- 754 STA 6010+40, 39.7' LT  
INLET TA, T24 F&G  
EOP = 604.83  
INV = 601.63
- 755 STA 6010+40, 39.2' LT  
CB TA 4'-DIA, T24 F&G  
EOP = 604.79  
INV = 601.56

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**147TH STREET PROJECT  
PROPOSED DRAINAGE AND UTILITY PLAN - 147TH STREET**



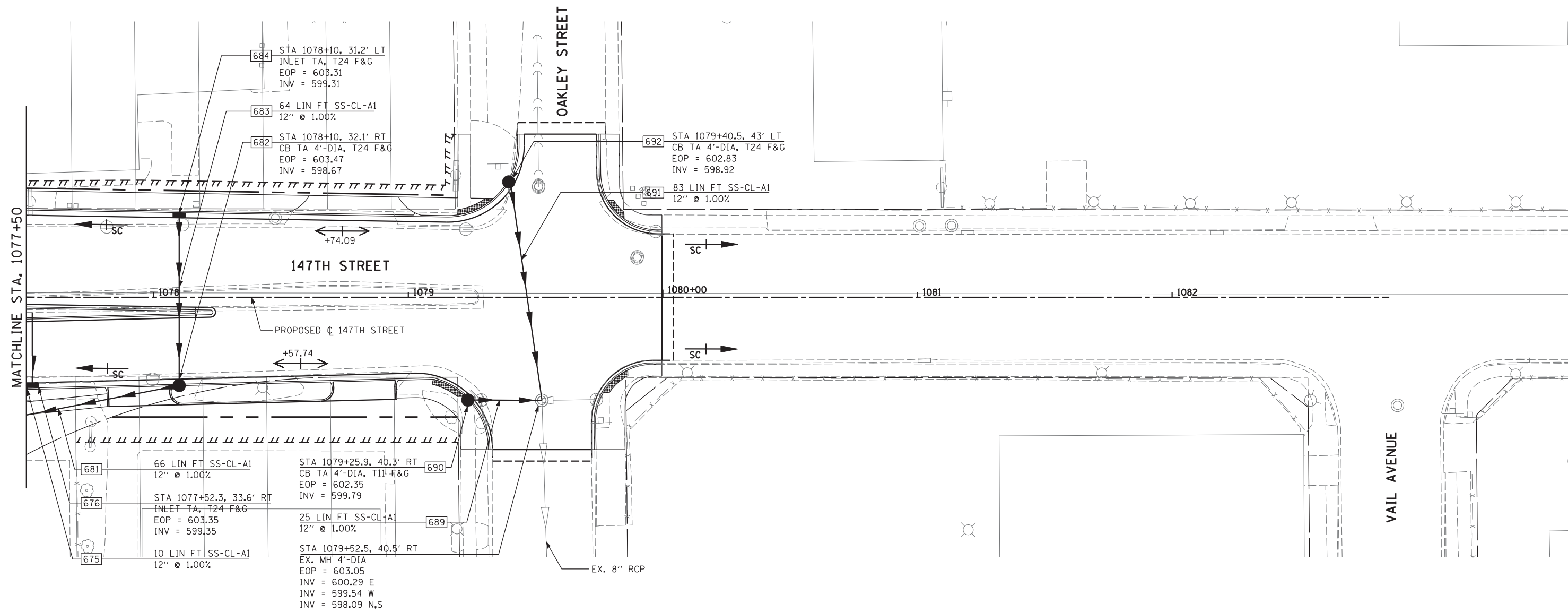
USER NAME :	DESIGNED - JRS	REVISED - JRS 12/01/2011
PLOT SCALE :	DRAWN - MJF	REVISED - JRS 02/15/2012
PLOT DATE :	CHECKED - APS	REVISED - JRS 05/04/2012
	DATE - 7/22/2011	REVISED -

SCALE: 1"=20' SHEET NO. 13 OF 23 SHEETS STA. 1071+50 TO STA. 1077+50

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	(0405-1 & 0506-2) R-1	COOK	577	233
FED. ROAD DIST. NO.			ILLINOIS FED. AID PROJECT	
			CONTRACT NO. 60M57	



P10\_DRPP\_SHT14\_HRGREEN.dgn

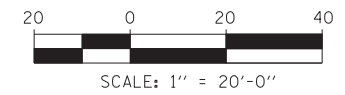


**PIPE UNDERDRAINS**

STA 1077+52.3 RT 28 LIN FT PIPE UNDERDRAINS 4"

**LEGEND**

	EXISTING RIGHT-OF-WAY
	PROPOSED RIGHT-OF-WAY
	PROPOSED TEMPORARY EASEMENT



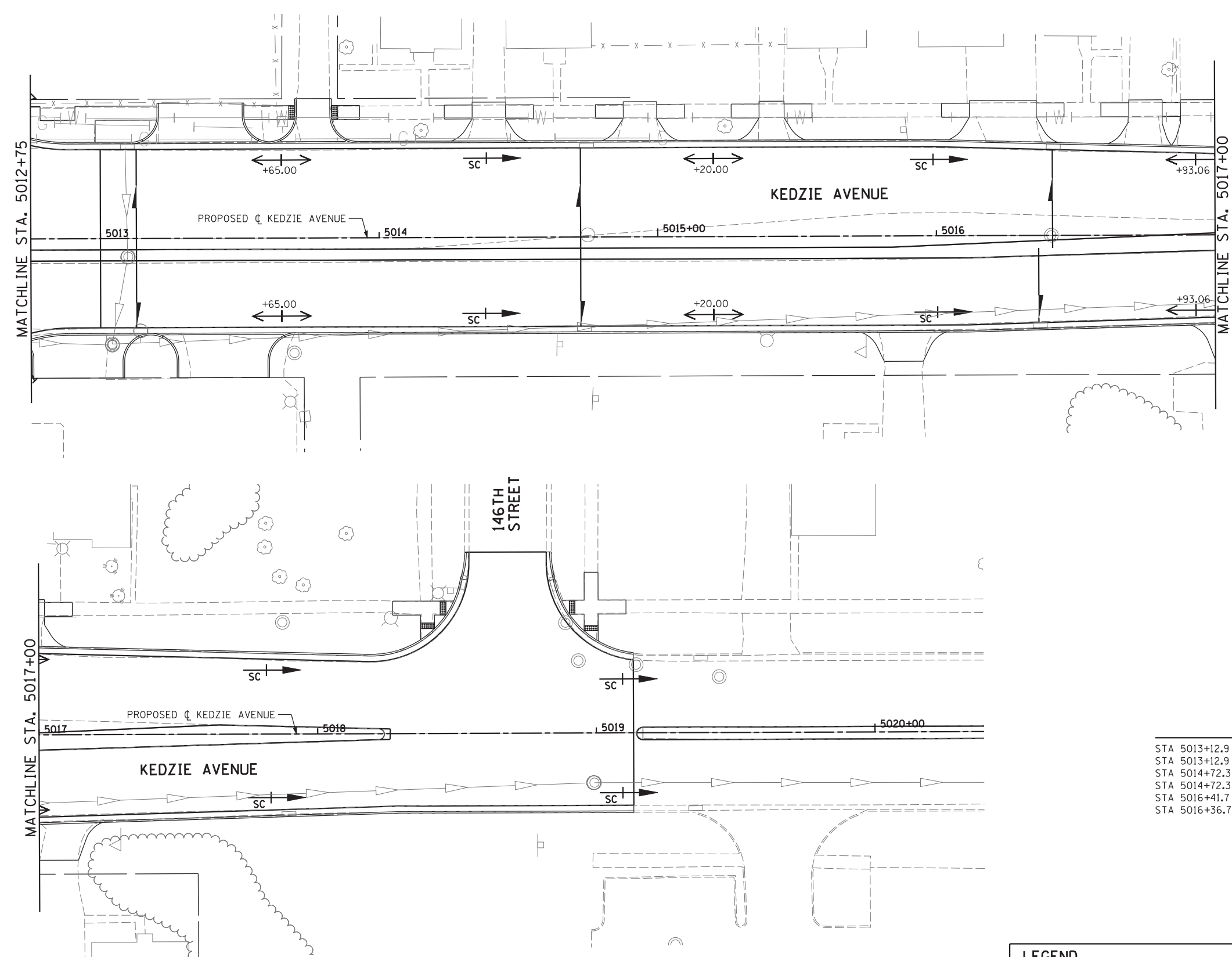
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	DRAWN - MJF	REVISED - JRS 02/15/2012
PLOT SCALE =	CHECKED - APS	REVISED - JRS 05/04/2012
PLOT DATE	DATE - 7/22/2011	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**147TH STREET PROJECT  
PROPOSED DRAINAGE AND UTILITY PLAN - 147TH STREET**

SCALE: 1"=20' SHEET NO. 14 OF 23 SHEETS STA. 1077+50 TO STA. 1083+00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	(0405-1 & 0506-2) R-1	COOK	577	234
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT			CONTRACT NO. 60M57	

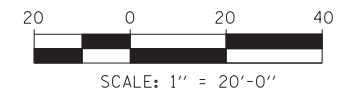


**PIPE UNDERDRAINS**

STA 5013+12.9 LT	38 LIN FT PIPE UNDERDRAINS 6"
STA 5013+12.9 RT	26 LIN FT PIPE UNDERDRAINS 6"
STA 5014+72.3 LT	38 LIN FT PIPE UNDERDRAINS 6"
STA 5014+72.3 RT	26 LIN FT PIPE UNDERDRAINS 6"
STA 5016+41.7 LT	36 LIN FT PIPE UNDERDRAINS 6"
STA 5016+36.7 RT	27 LIN FT PIPE UNDERDRAINS 6"

**LEGEND**

	EXISTING RIGHT-OF-WAY
	PROPOSED RIGHT-OF-WAY
	PROPOSED TEMPORARY EASEMENT



**HRGreen.com**  
 Illinois Professional Design Firm  
 # 184-001322

USER NAME =	DESIGNED - JRS	REVISED - JRS 12/01/2011
	DRAWN - MJF	REVISED - JRS 02/15/2012
PLOT SCALE =	CHECKED - APS	REVISED - JRS 05/04/2012
PLOT DATE	DATE - 7/22/2011	REVISED -

**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

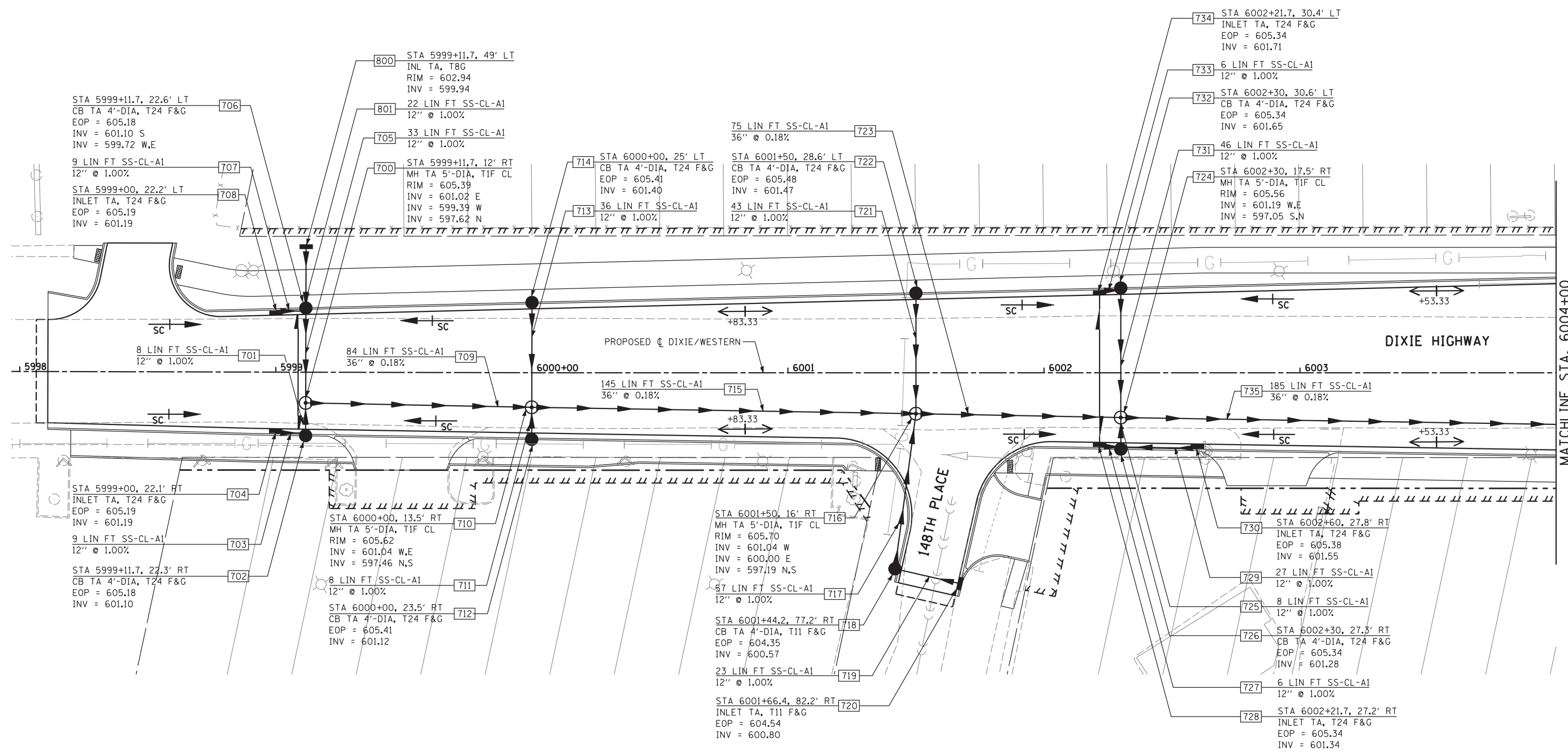
**147TH STREET PROJECT  
 PROPOSED DRAINAGE AND UTILITY PLAN - KEDZIE AVENUE**

SCALE: 1"=20' SHEET NO. 15 OF 23 SHEETS STA. 5012+75 TO STA. 5020+00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	(0405-1 & 0506-2) R-1	COOK	577	235
CONTRACT NO. 60M57				
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		



P10\_DRPP\_SHT16\_HRGREEN.dgn

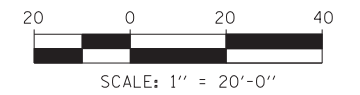


MATCHLINE STA. 6004+00

**PIPE UNDERDRAINS**

STA 5999+11.7 LT	23 LIN FT PIPE UNDERDRAINS 4"
STA 5999+11.7 RT	23 LIN FT PIPE UNDERDRAINS 4"
STA 6002+21.7 LT	31 LIN FT PIPE UNDERDRAINS 4"
STA 6002+21.7 RT	28 LIN FT PIPE UNDERDRAINS 4"

LEGEND	
	EXISTING RIGHT-OF-WAY
	PROPOSED RIGHT-OF-WAY
	PROPOSED TEMPORARY EASEMENT



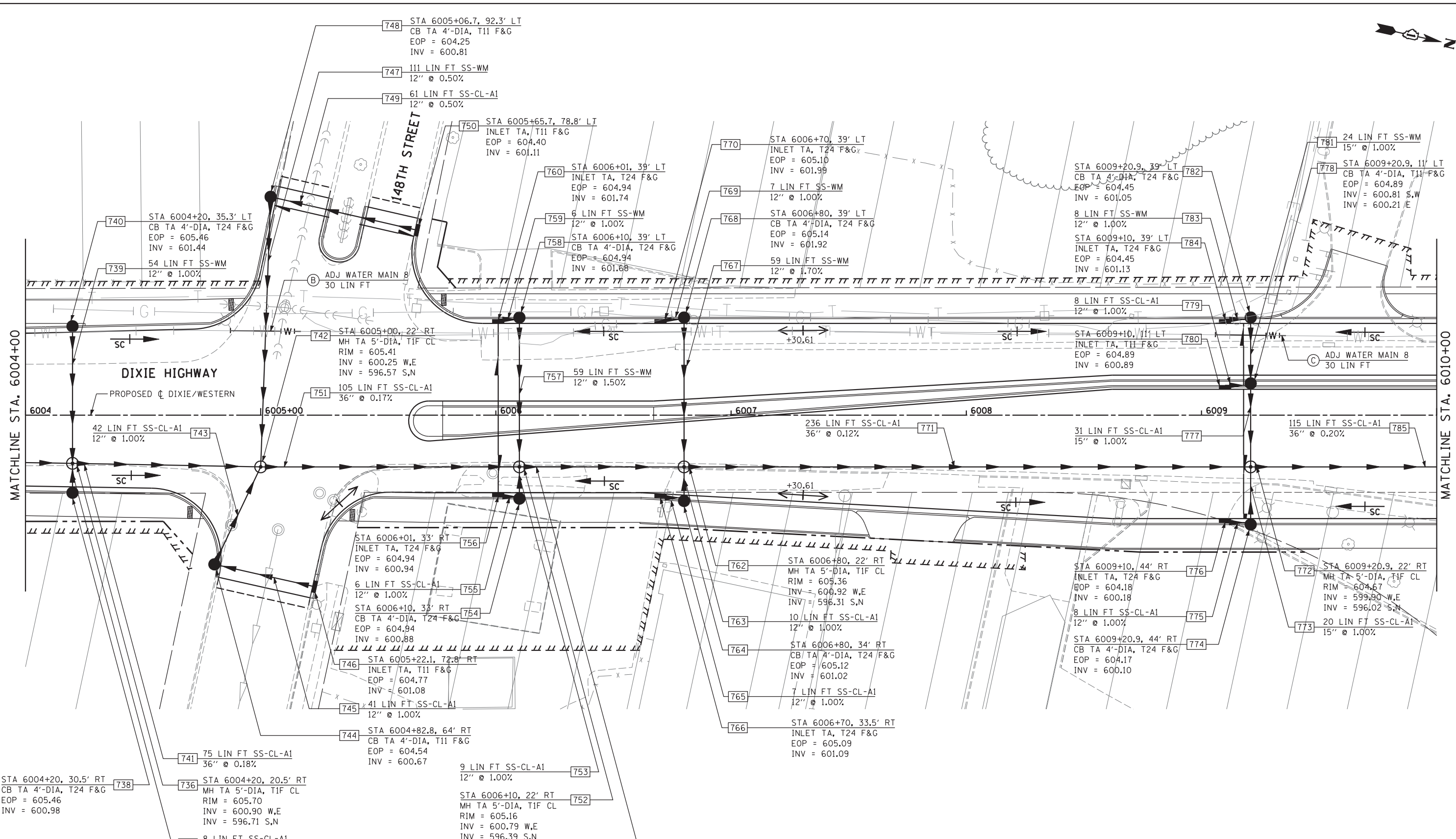
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		DRAWN - MJF	REVISED - JRS 02/15/2012
	PLOT SCALE =	CHECKED - APS	REVISED - JRS 05/04/2012
	PLOT DATE	DATE - 7/22/2011	REVISED -

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

147TH STREET PROJECT			
PROPOSED DRAINAGE AND UTILITY PLAN - DIXIE HIGHWAY			
SCALE: 1"=20'	SHEET NO. 16 OF 23 SHEETS	STA. 5998+00 TO STA. 6004+00	

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	(0405-1 & 0506-2) R-1	COOK	577	236
CONTRACT NO. 60M57				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				

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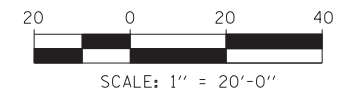


**PIPE UNDERDRAINS**

STA 6005+06 LT	24 LIN FT PIPE UNDERDRAINS 4"
STA 6005+65.1 LT	24 LIN FT PIPE UNDERDRAINS 4"
STA 6006+01 LT	39 LIN FT PIPE UNDERDRAINS 4"
STA 6006+01 RT	33 LIN FT PIPE UNDERDRAINS 4"
STA 6009+20.9 LT	27 LIN FT PIPE UNDERDRAINS 4"
STA 6009+20.9 MED	11 LIN FT PIPE UNDERDRAINS 4"
STA 6009+20.9 RT	44 LIN FT PIPE UNDERDRAINS 4"

**LEGEND**

---	EXISTING RIGHT-OF-WAY
- - -	PROPOSED RIGHT-OF-WAY
	PROPOSED TEMPORARY EASEMENT



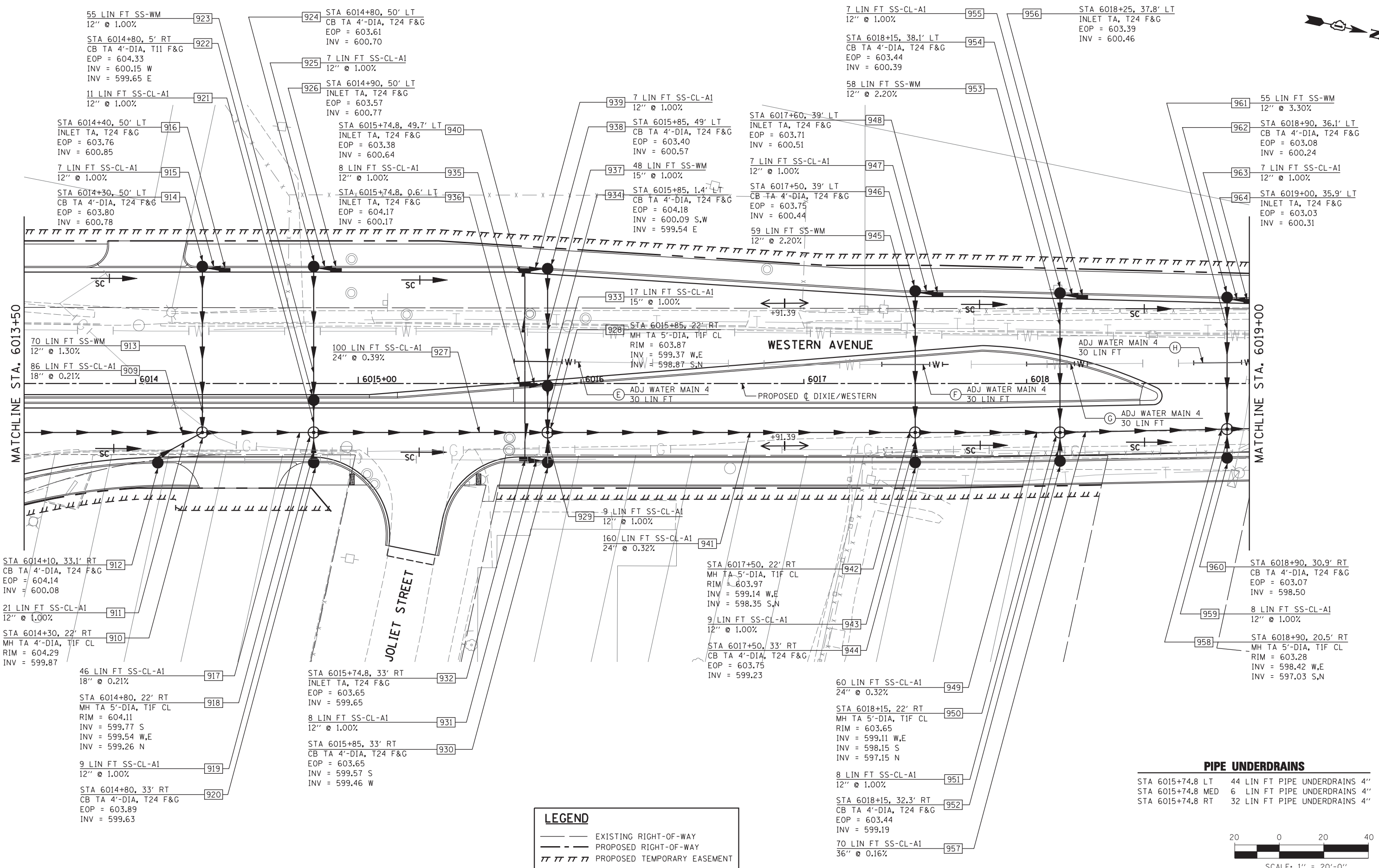
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	DRAWN - MJF	REVISED - JRS 02/15/2012
PLOT SCALE =	CHECKED - APS	REVISED - JRS 05/04/2012
PLOT DATE	DATE - 7/22/2011	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**147TH STREET PROJECT  
PROPOSED DRAINAGE AND UTILITY PLAN - DIXIE HWY**

SCALE: 1"=20' SHEET NO. 17 OF 23 SHEETS STA. 6004+00 TO STA. 6010+00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	(0405-1 & 0506-2) R-1	COOK	577	237
CONTRACT NO. 60M57				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				

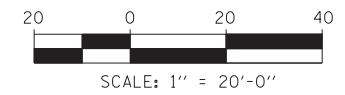


**LEGEND**

- — — — — EXISTING RIGHT-OF-WAY
- - - - - PROPOSED RIGHT-OF-WAY
- /// /// /// PROPOSED TEMPORARY EASEMENT

**PIPE UNDERDRAINS**

STA 6015+74.8 LT	44 LIN FT PIPE UNDERDRAINS 4"
STA 6015+74.8 MED	6 LIN FT PIPE UNDERDRAINS 4"
STA 6015+74.8 RT	32 LIN FT PIPE UNDERDRAINS 4"



USER NAME =	DESIGNED - JRS	REVISED - JRS 12/01/2011
	DRAWN - MJF	REVISED - JRS 02/15/2012
PLOT SCALE =	CHECKED - APS	REVISED - JRS 05/04/2012
PLOT DATE	DATE - 7/22/2011	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**147TH STREET PROJECT  
PROPOSED DRAINAGE AND UTILITY PLAN - WESTERN AVENUE**

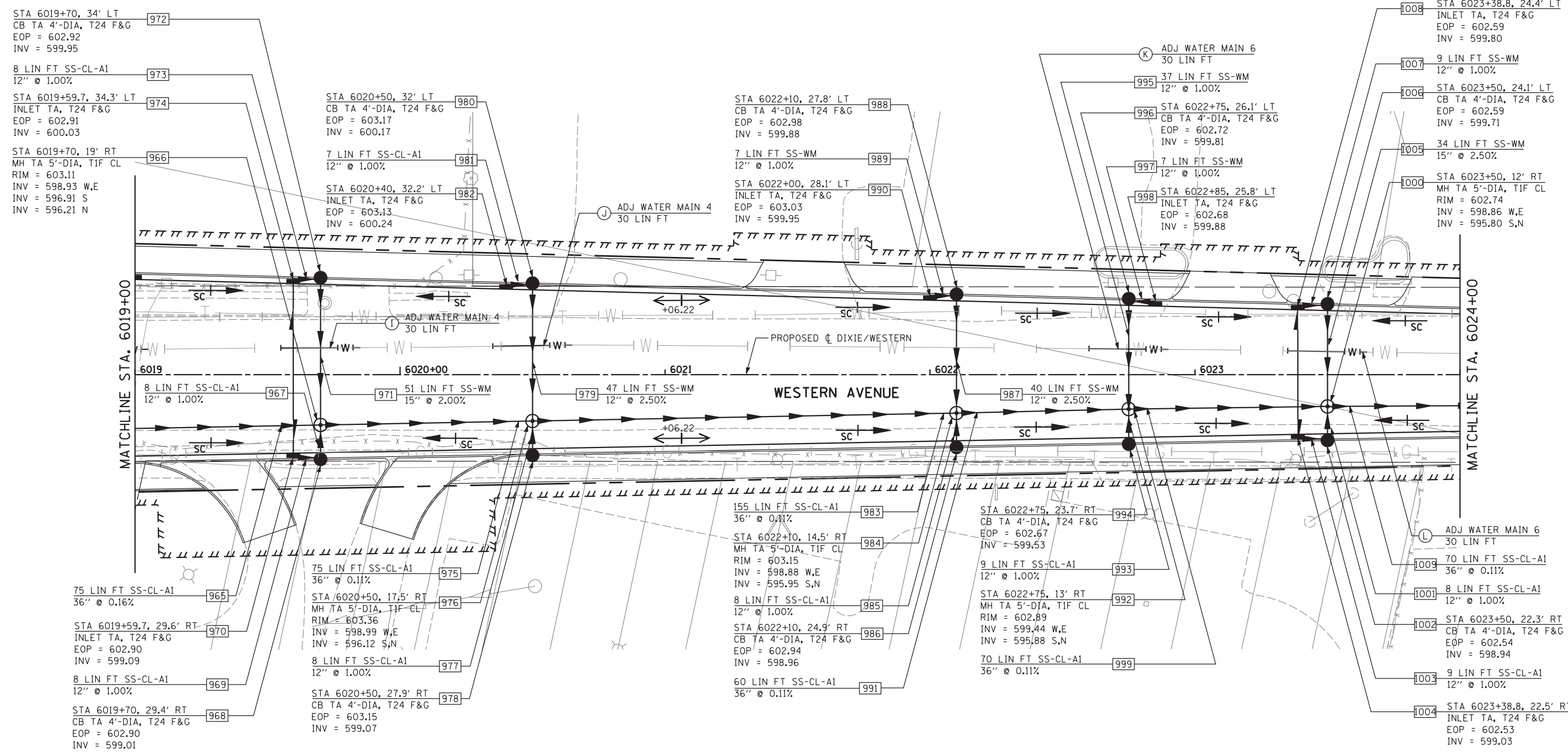
SCALE: 1"=20'	SHEET NO. 18 OF 23 SHEETS	STA. 6013+50 TO STA. 6019+00
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F.A.I. R.T.E. = 57	SECTION (0405-1 & 0506-2) R-1	COUNTY COOK	TOTAL SHEETS 577	SHEET NO. 238
CONTRACT NO. 60M57			FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT	



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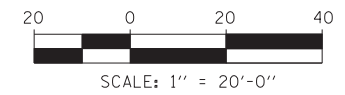


**PIPE UNDERDRAINS**

STA 6019+59.7 LT	35 LIN FT PIPE UNDERDRAINS 4"
STA 6019+59.7 RT	30 LIN FT PIPE UNDERDRAINS 4"
STA 6023+38.8 LT	25 LIN FT PIPE UNDERDRAINS 4"
STA 6023+38.8 RT	23 LIN FT PIPE UNDERDRAINS 4"

**LEGEND**

- — — — — EXISTING RIGHT-OF-WAY
- - - - - PROPOSED RIGHT-OF-WAY
- ||||| PROPOSED TEMPORARY EASEMENT



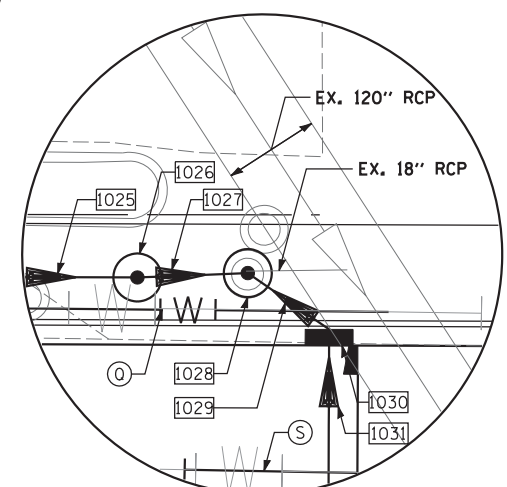
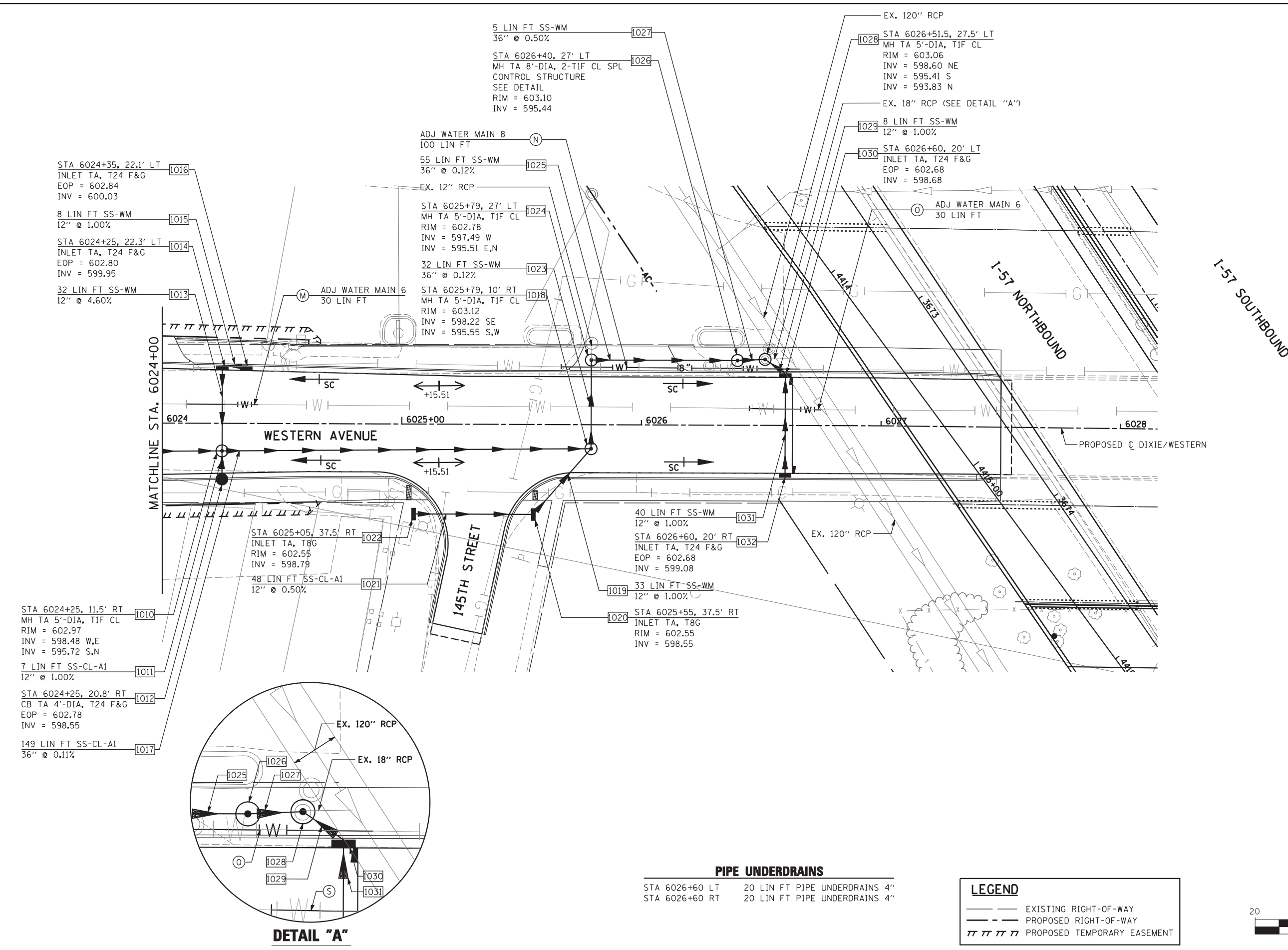
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PLOT SCALE =	CHECKED - APS	REVISED - JRS 05/04/2012
PLOT DATE	DATE - 7/22/2011	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

<b>147TH STREET PROJECT</b>			
<b>PROPOSED DRAINAGE AND UTILITY PLAN - WESTERN AVENUE</b>			
SCALE: 1"=20'	SHEET NO. 19 OF 23 SHEETS	STA. 6019+00 TO STA. 6024+00	

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	(0405-1 & 0506-2) R-1	COOK	577	239
FED. ROAD DIST. NO.			CONTRACT NO. 60M57	
ILLINOIS FED. AID PROJECT				

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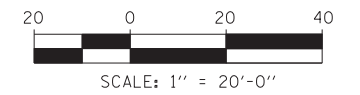
**DETAIL "A"**

**PIPE UNDERDRAINS**

STA 6026+60 LT	20 LIN FT PIPE UNDERDRAINS 4"
STA 6026+60 RT	20 LIN FT PIPE UNDERDRAINS 4"

**LEGEND**

	EXISTING RIGHT-OF-WAY
	PROPOSED RIGHT-OF-WAY
	PROPOSED TEMPORARY EASEMENT



USER NAME =	DESIGNED - JRS	REVISED - JRS 12/01/2011
	DRAWN - MJF	REVISED - JRS 02/15/2012
PLOT SCALE =	CHECKED - APS	REVISED - JRS 05/04/2012
PLOT DATE =	DATE - 7/22/2011	REVISED -

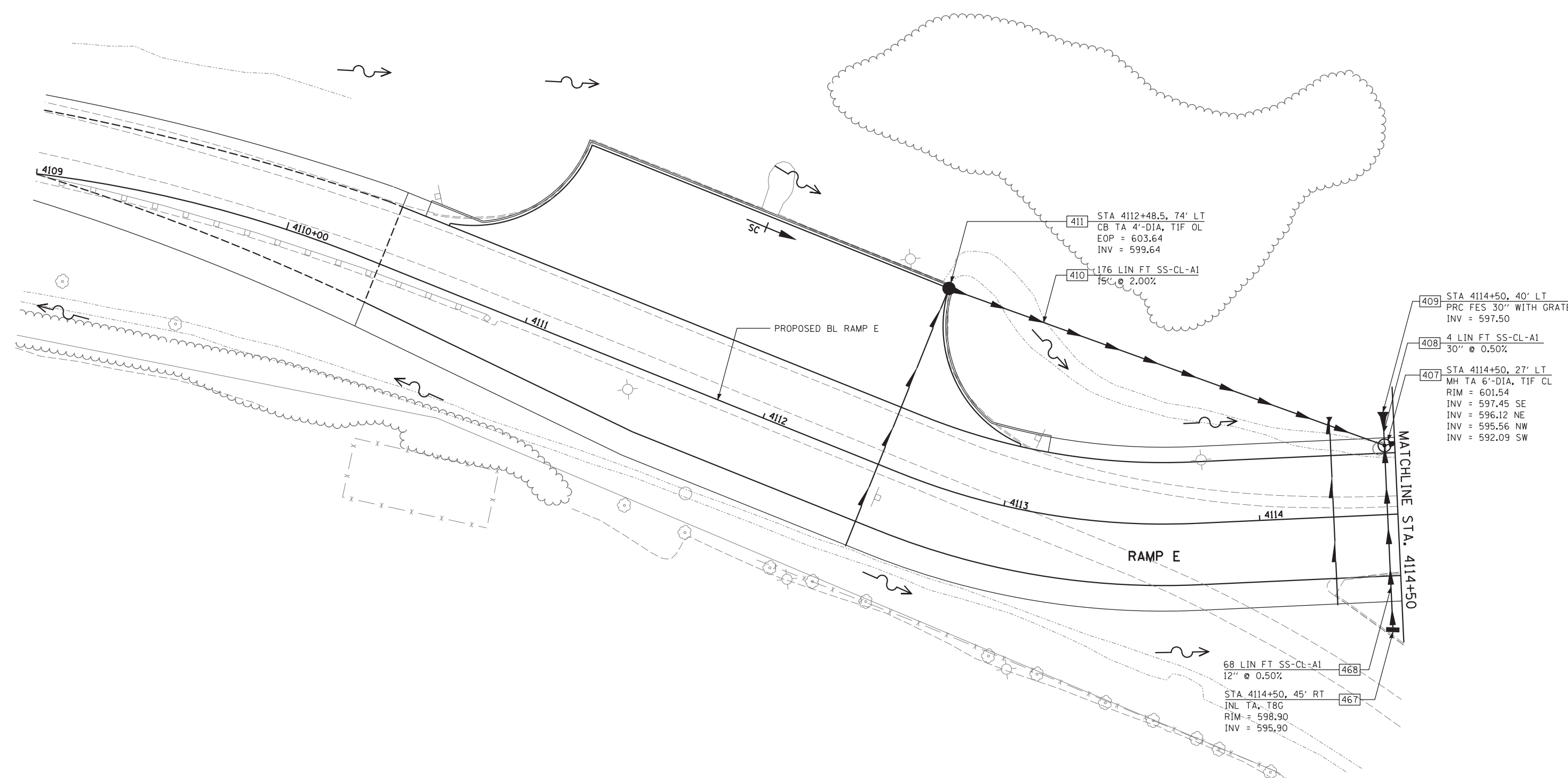
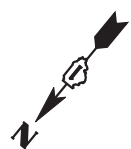
**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**147TH STREET PROJECT  
PROPOSED DRAINAGE AND UTILITY PLAN - WESTERN AVENUE**

SCALE: 1"=20'	SHEET NO. 20 OF 23 SHEETS	STA. 6024+00 TO STA. 6028+00
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F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	(0405-1 & 0506-2) R-1	COOK	577	240
FED. ROAD DIST. NO.			ILLINOIS FED. AID PROJECT	
			CONTRACT NO. 60M57	





411 STA 4112+48.5, 74' LT  
 CB TA 4'-DIA, TIF OL  
 EOP = 603.64  
 INV = 599.64

410 176 LIN FT SS-CL-A1  
 15" @ 2.00%

409 STA 4114+50, 40' LT  
 PRC FES 30" WITH GRATE  
 INV = 597.50

408 4 LIN FT SS-CL-A1  
 30" @ 0.50%

407 STA 4114+50, 27' LT  
 MH TA 6'-DIA, TIF CL  
 RIM = 601.54  
 INV = 597.45 SE  
 INV = 596.12 NE  
 INV = 595.56 NW  
 INV = 592.09 SW

68 LIN FT SS-CL-A1  
 12" @ 0.50%

468

467

STA. 4114+50, 45' RT  
 INL TA, T8C  
 RIM = 598.90  
 INV = 595.90

**PIPE UNDERDRAINS**

STA 4112+48.5 RT/LT 109 LIN FT PIPE UNDERDRAINS 4"

STA 4114+28.9 RT/LT 74 LIN FT PIPE UNDERDRAINS 4"

**CONCRETE HEADWALL FOR PIPE DRAINS**

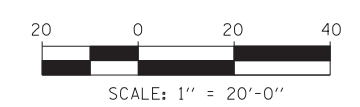
STA 4114+28.9, 39' LT

**LEGEND**

— — — — — EXISTING RIGHT-OF-WAY

- - - - - PROPOSED RIGHT-OF-WAY

/// /// /// /// PROPOSED TEMPORARY EASEMENT



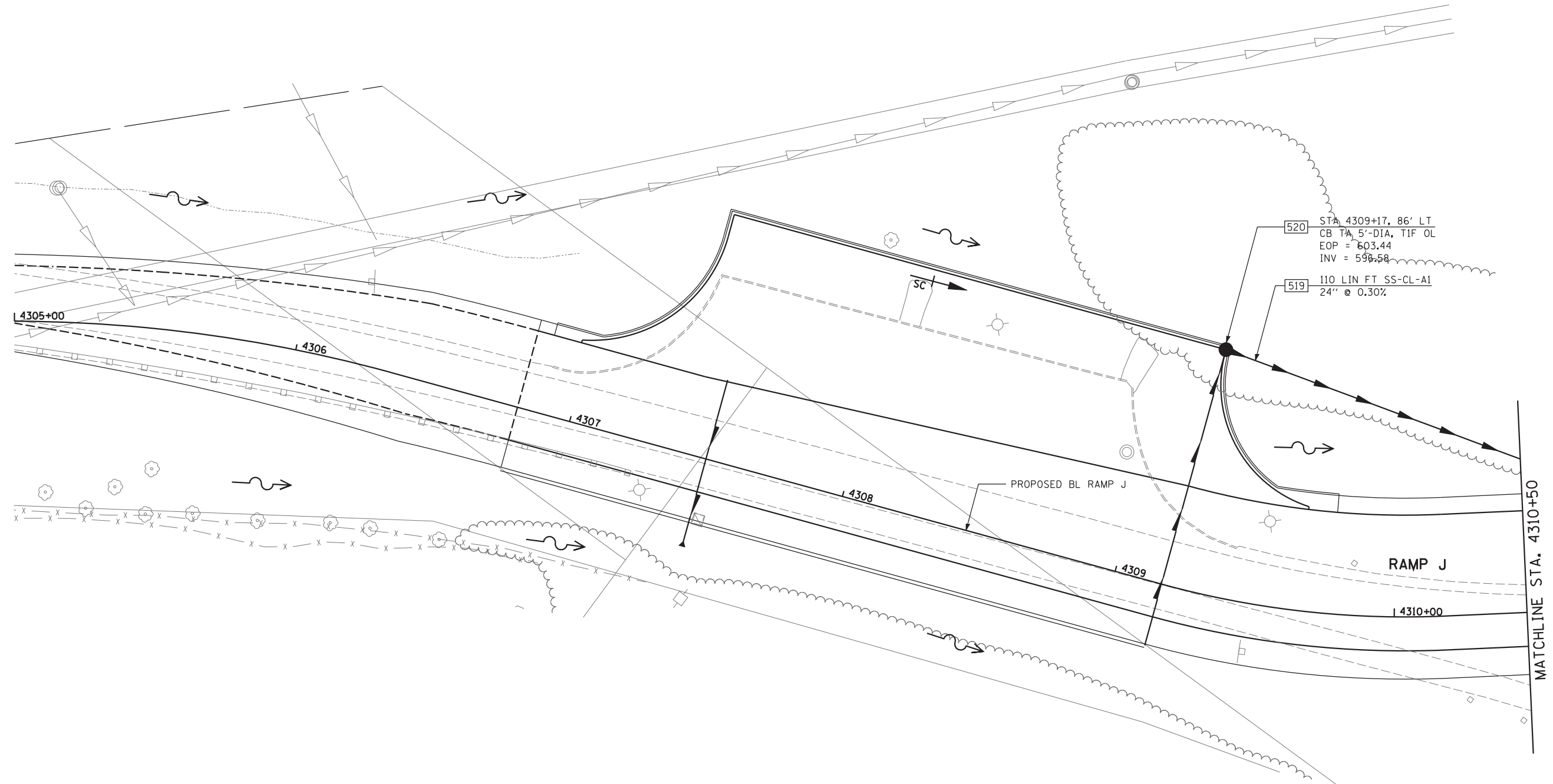
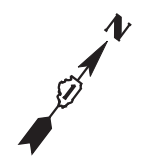
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	DRAWN - MJF	REVISED - JRS 02/15/2012	
	CHECKED - APS	REVISED - JRS 05/04/2012	
	DATE - 7/22/2011	REVISED -	

**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

**147TH STREET PROJECT  
 PROPOSED DRAINAGE AND UTILITY PLAN - RAMP E**

SCALE: 1"=20' SHEET NO. 21 OF 23 SHEETS STA. 4109+00 TO STA. 4114+50

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	(0405-1 & 0506-2) R-1	COOK	577	241
FED. ROAD DIST. NO.			ILLINOIS FED. AID PROJECT	
			CONTRACT NO. 60M57	

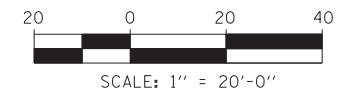


PIPE UNDERDRAINS	
STA 4307+50 LT/RT	61 LIN FT PIPE UNDERDRAINS 4"
STA 4309+17 RT/LT	109 LIN FT PIPE UNDERDRAINS 4"

CONCRETE HEADWALL FOR PIPE DRAINS	
STA 4307+50, 32' RT	

LEGEND	
	EXISTING RIGHT-OF-WAY
	PROPOSED RIGHT-OF-WAY
	PROPOSED TEMPORARY EASEMENT



**HRGreen.com**  
 Illinois Professional Design Firm  
 # 184-001322

USER NAME =	DESIGNED - JRS	REVISED - JRS 12/01/2011
	DRAWN - MJF	REVISED - JRS 02/15/2012
PLOT SCALE =	CHECKED - APS	REVISED - JRS 05/04/2012
PLOT DATE =	DATE - 7/22/2011	REVISED -

**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

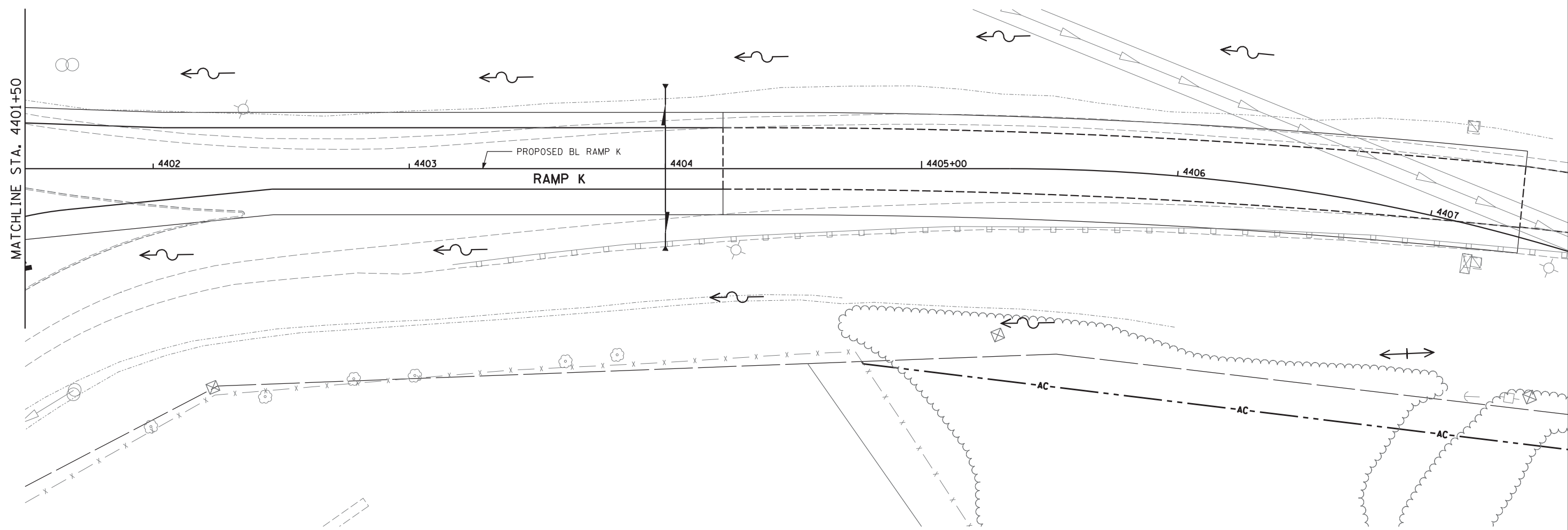
**147TH STREET PROJECT  
 PROPOSED DRAINAGE AND UTILITY PLAN - RAMP J**

SCALE: 1"=20'    SHEET NO. 22 OF 23 SHEETS    STA. 4305+00 TO STA. 4310+50

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	(0405-1 & 0506-2) R-1	COOK	577	242

CONTRACT NO. 60M57

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



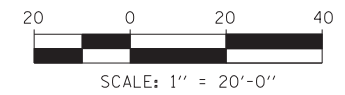
**PIPE UNDERDRAINS**

STA 4404+00 LT 33 LIN FT PIPE UNDERDRAINS 4"  
 STA 4404+00 RT 32 LIN FT PIPE UNDERDRAINS 4"

**CONCRETE HEADWALL FOR PIPE DRAINS**

STA 4404+00, 33' LT  
 STA 4404+00, 32' RT

LEGEND	
	EXISTING RIGHT-OF-WAY
	PROPOSED RIGHT-OF-WAY
	PROPOSED TEMPORARY EASEMENT



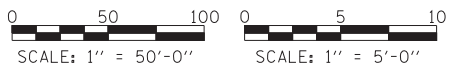
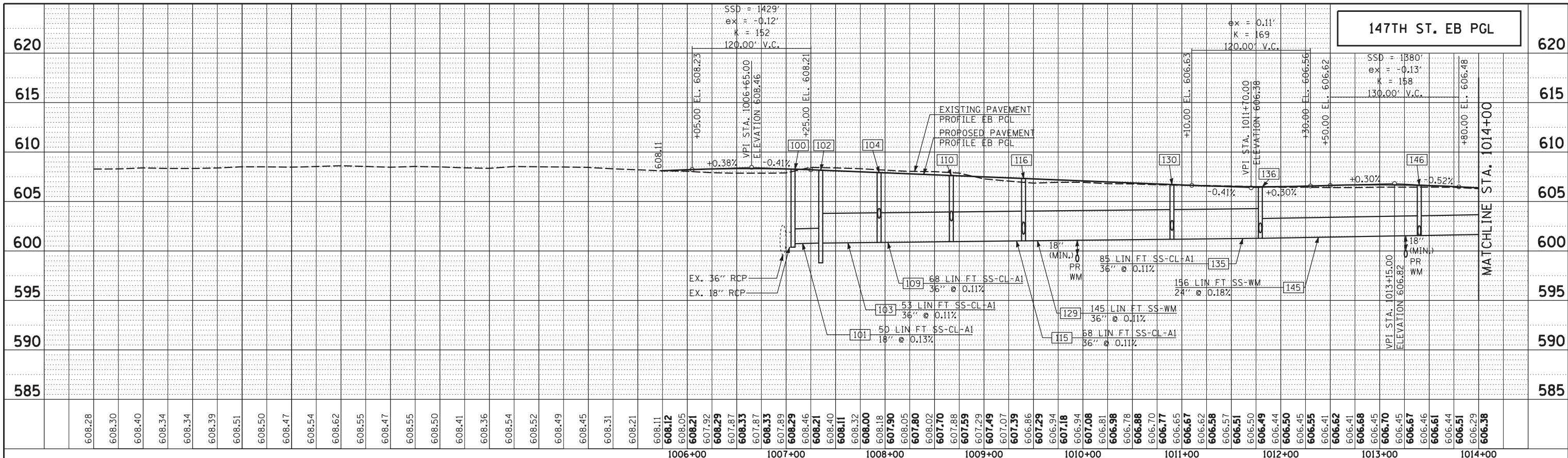
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**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

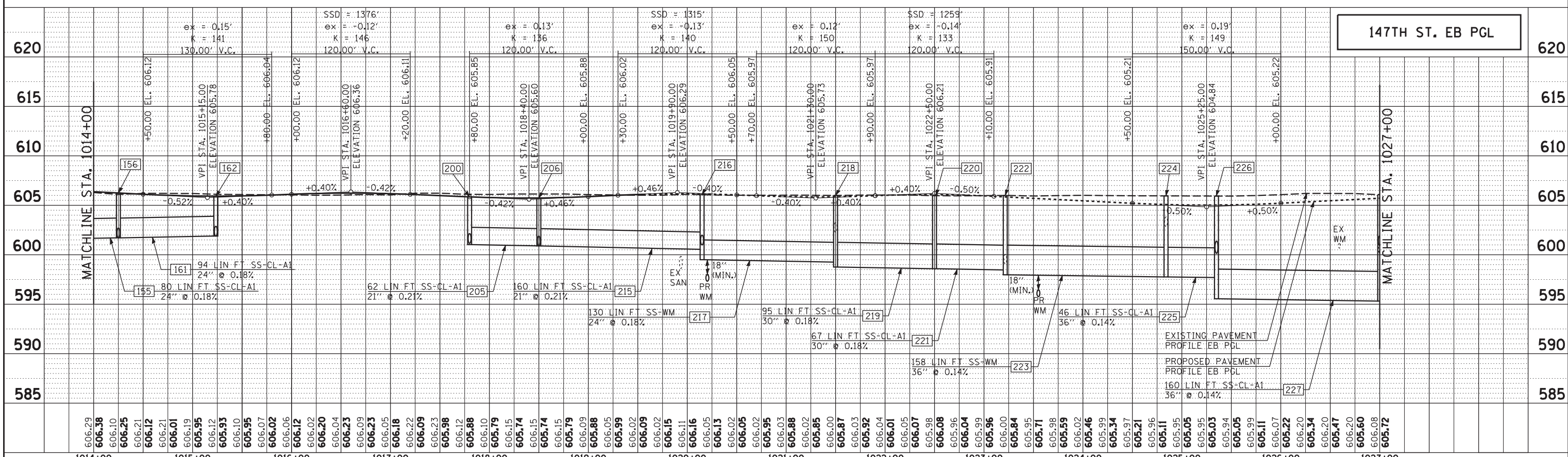
<b>147TH STREET PROJECT</b>			
<b>PROPOSED DRAINAGE AND UTILITY PLAN - RAMP K</b>			
SCALE: 1"=20'	SHEET NO. 23 OF 23 SHEETS	STA. 4401+50	TO STA. 4407+50

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	(0405-1 & 0506-2) R-1	COOK	577	243
FED. ROAD DIST. NO.			ILLINOIS FED. AID PROJECT	
			CONTRACT NO. 60M57	

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	GRADES CHECKED		
	STRUCTURE NOTATIONS OK'D		
	NOTE BOOK NO.		
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	DATE		



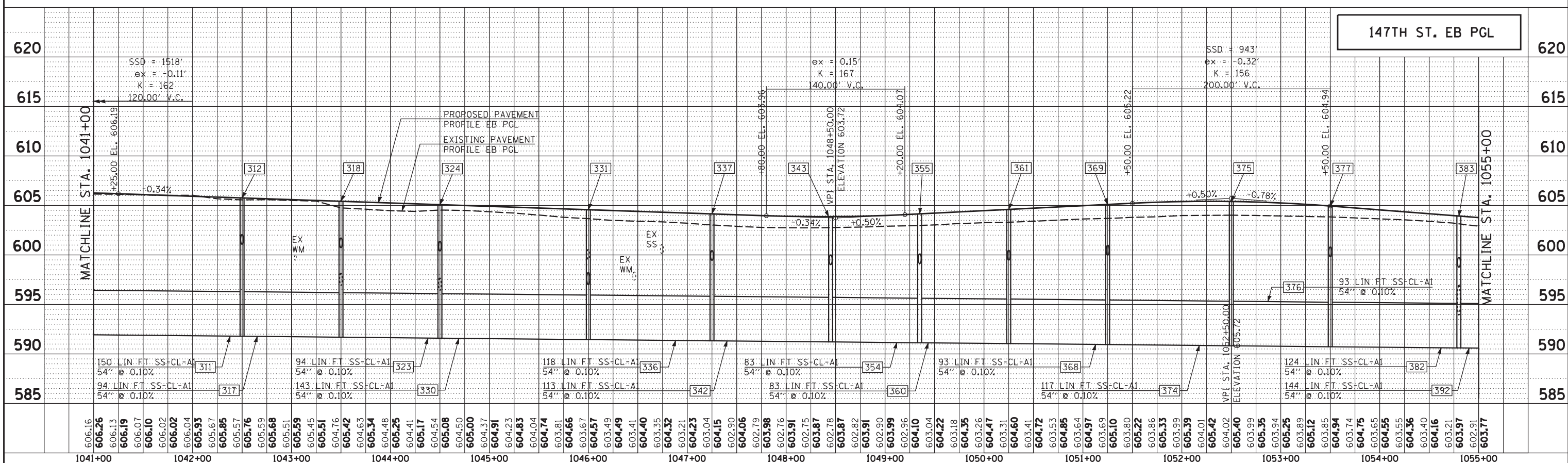
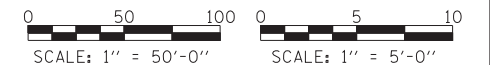
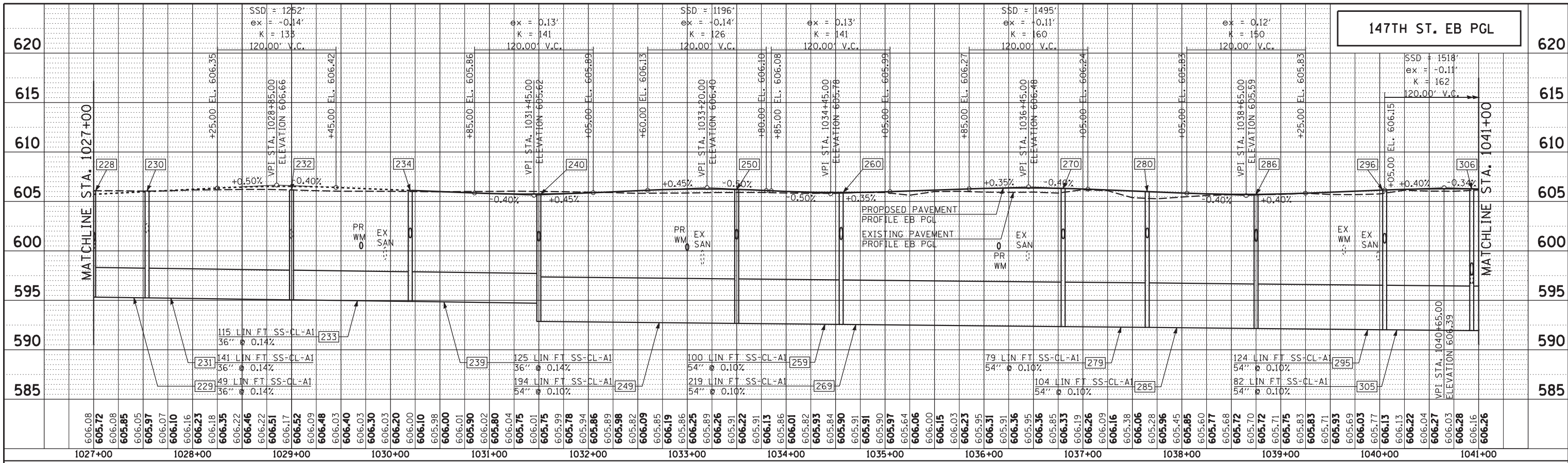
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	PLOTTED		
	GRADES CHECKED		
	STRUCTURE NOTATIONS OK'D		
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	DATE		



	USER NAME =	DESIGNED -	REVISD -	<b>STATE OF ILLINOIS</b> <b>DEPARTMENT OF TRANSPORTATION</b>		<b>147TH STREET PROJECT</b> <b>PROPOSED DRAINAGE AND UTILITY PROFILE - 147TH STREET</b>		F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	PLOT SCALE =	CHECKED -	REVISD -					57	(0405-1 & 0506-2) R-1	COOK	577	244
	PLOT DATE	DATE	REVISD -	7/22/2011		SCALE: 1"=50'	SHEET NO. 1 OF 3 SHEETS	STA. 1006+00 TO STA. 1027+00	CONTRACT NO. 60M57			

PLAN	SURVEYED	BY	DATE
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	GRADES CHECKED		
	STRUCTURE NOTATIONS OK'D		
	NOTE BOOK NO.		
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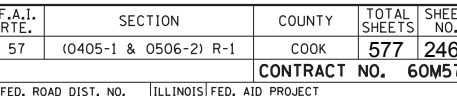
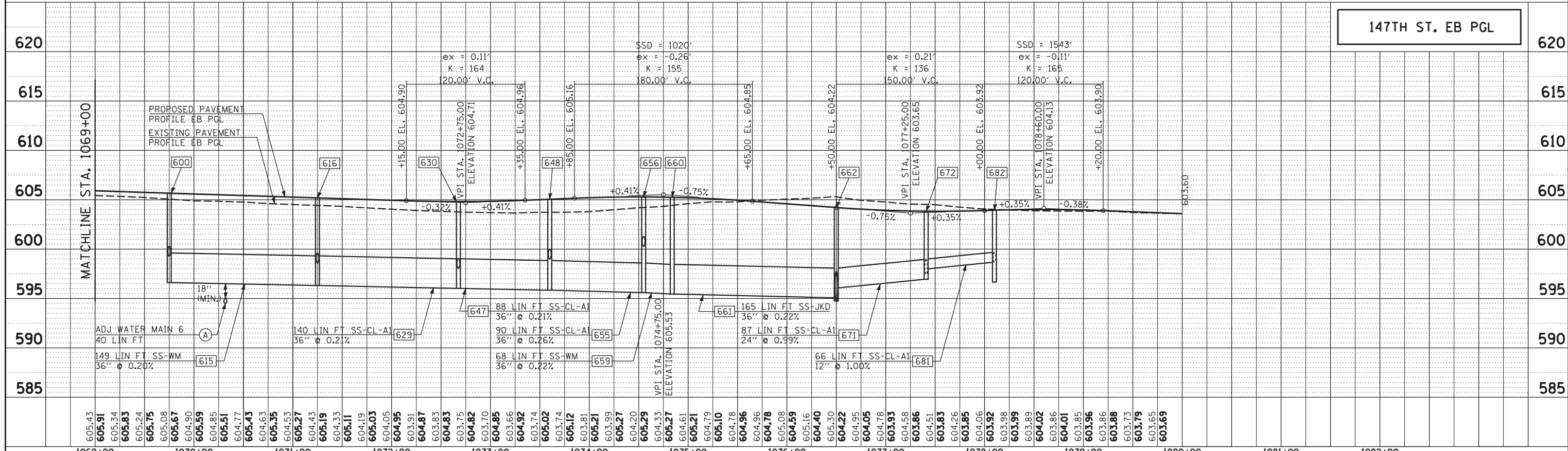
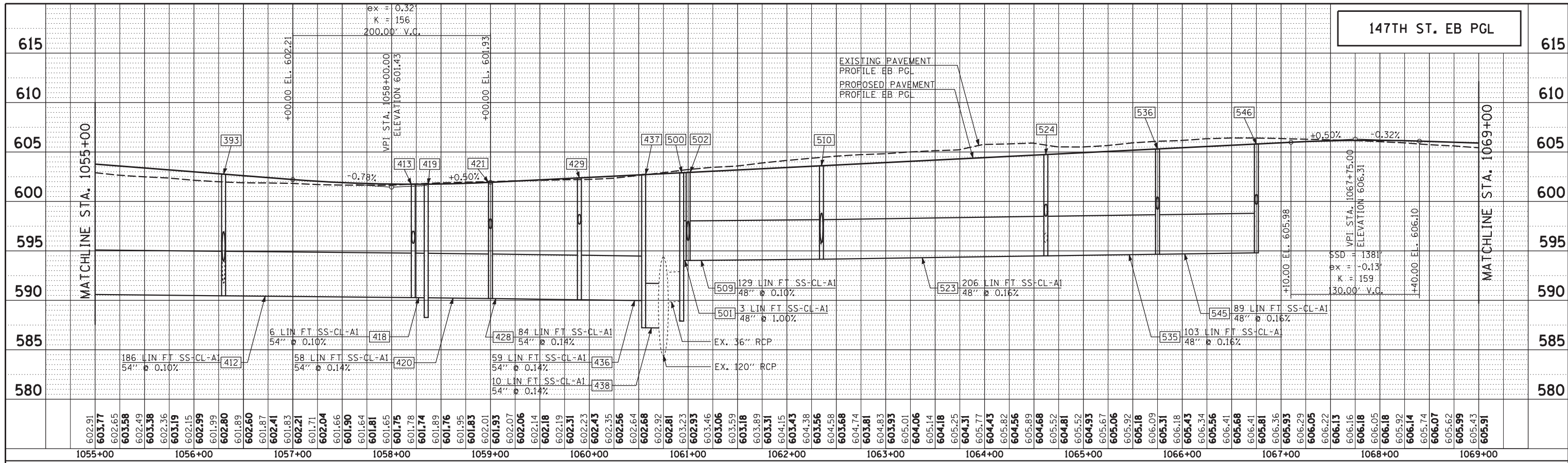
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	GRADES CHECKED		
	STRUCTURE NOTATIONS OK'D		
	NOTE BOOK NO.		
	CHECKED		
	DATE		



 <b>HRGreen.com</b> Illinois Professional Design Firm #184-001322	USER NAME =	DESIGNED - JRS	REVISED - JRS	12/01/2011	<b>STATE OF ILLINOIS</b> <b>DEPARTMENT OF TRANSPORTATION</b>  <b>147TH STREET PROJECT</b> <b>PROPOSED DRAINAGE AND UTILITY PROFILE - 147TH STREET</b> SCALE: 1"=50' SHEET NO. 2 OF 3 SHEETS STA. 1027+00 TO STA. 1055+00	F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
	PLOT SCALE =	DRAWN - MJF	REVISED - JRS	02/15/2012		57	(0405-1 & 0506-2) R-1	COOK	577	245	
	PLOT DATE	CHECKED - APS	REVISED - JRS	05/04/2012		CONTRACT NO. 60M57					
		DATE - 7/22/2011	REVISED -			FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT					

PLAN	SURVEYED	BY	DATE
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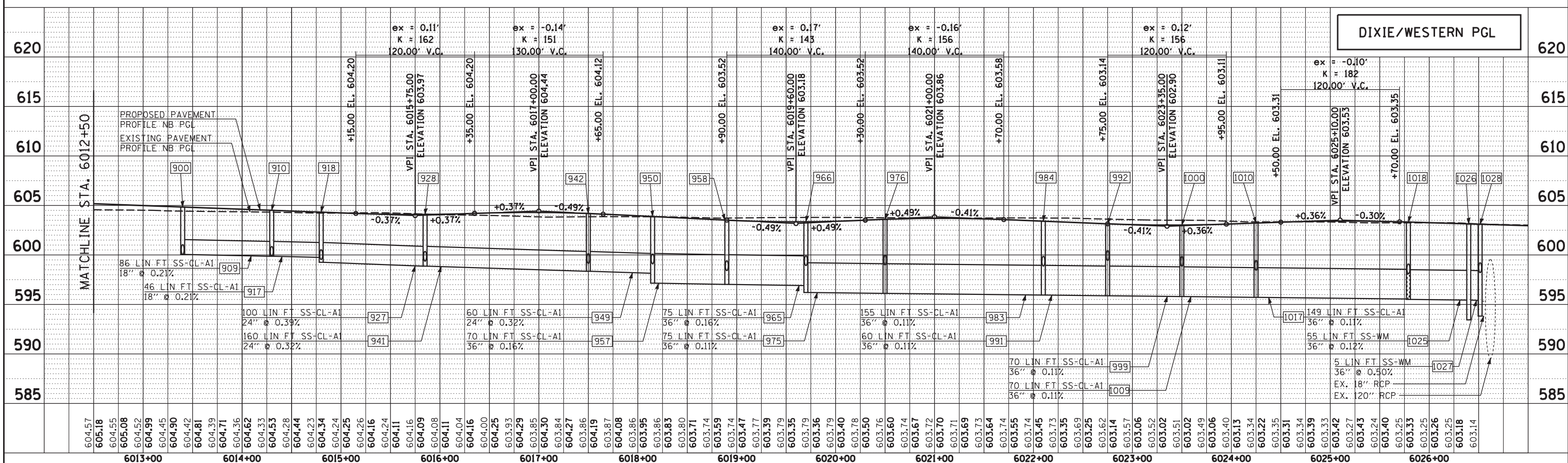
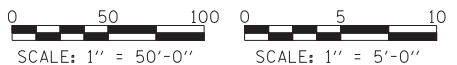
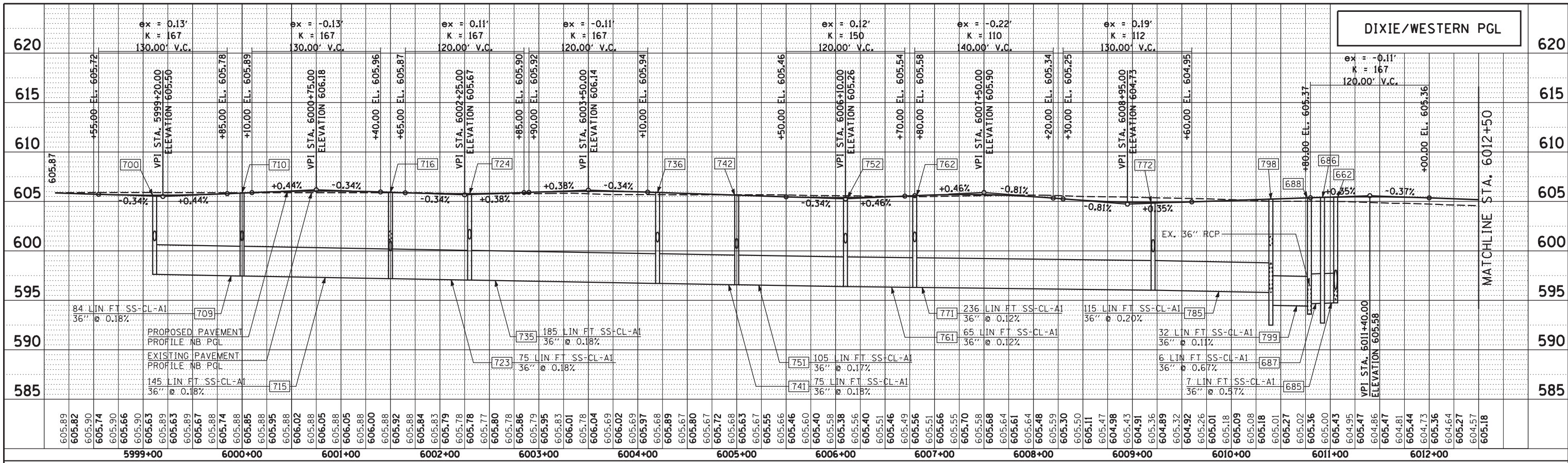
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PLAN	SURVEYED	BY	DATE
	PLOTTED		
	GRADES CHECKED		
	STRUCTURE NOTATIONS OK'D		
	NOTE BOOK NO.		
	CHECKED		
	DATE		

PROFILE	SURVEYED	BY	DATE
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	DATE		



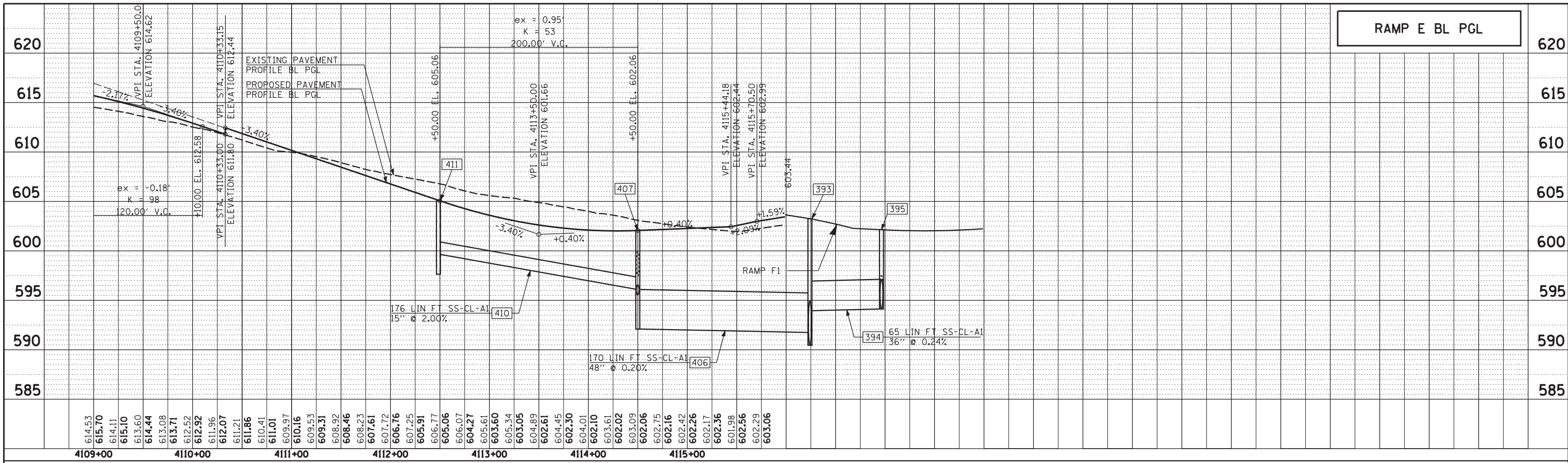
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	DATE	DRAWN - MJF	REVISED - JRS 02/15/2012		SCALE: 1"=50'	SHEET NO. 1 OF 1 SHEETS		STA. 5998+00 TO STA. 6027+00	
	PLOT SCALE =	CHECKED - APS	REVISED - JRS 05/04/2012		FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT			
	PLOT DATE	DATE - 7/22/2011	REVISED -						

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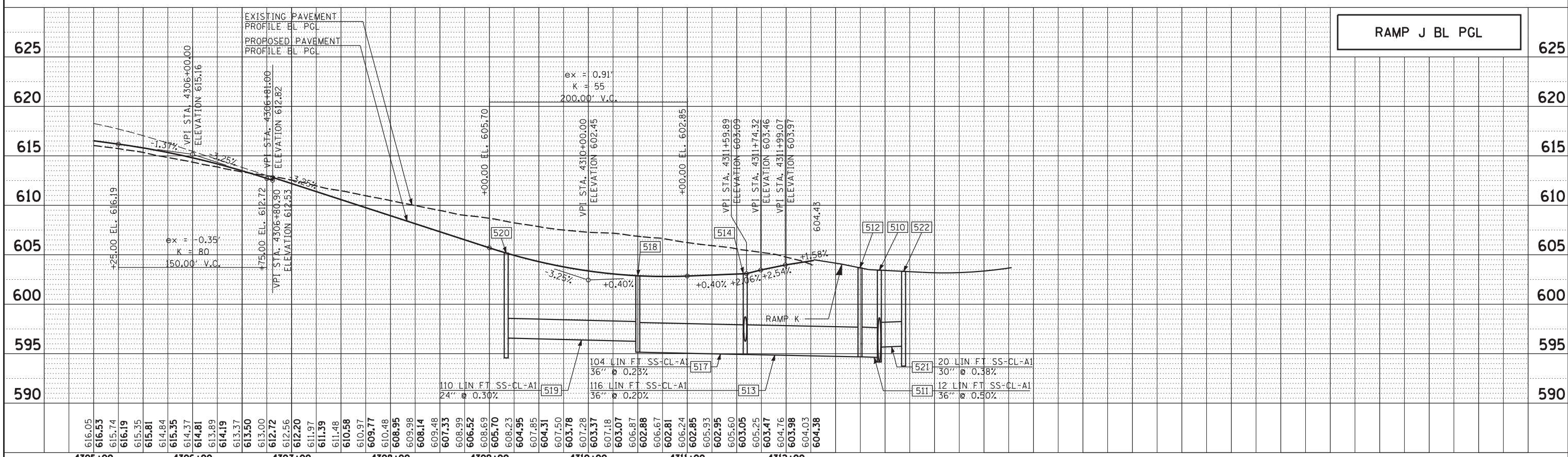
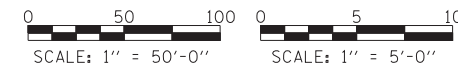
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	STRUCTURE NOTATIONS OK'D		
	FILE NAME		
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PROFILE	SURVEYED	BY	DATE
	PLOTTED		
	GRADES CHECKED		
	ALIGNMENT CHECKED		
	STRUCTURE NOTATIONS OK'D		
	FILE NAME		
	NO.		



RAMP E BL PGL



RAMP J BL PGL

	USER NAME =	DESIGNED -	JRS	REVISED -	JRS	12/01/2011	<b>STATE OF ILLINOIS</b> <b>DEPARTMENT OF TRANSPORTATION</b>	<b>147TH STREET PROJECT</b> <b>PROPOSED DRAINAGE AND UTILITY PROFILE - RAMP E AND RAMP J</b>		F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	PLOT SCALE =	CHECKED -	APS	REVISED -	JRS	05/04/2012				57	(0405-1 & 0506-2) R-1	COOK	577	248
	PLOT DATE	DATE -	7/22/2011	REVISED -						CONTRACT NO. 60M57		FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT		
	SCALE: 1"=50' SHEET NO. 1 OF 1 SHEETS STA. N/A TO STA. N/A													



LOCATION				STORM SEWER REMOVALS								STORM SEWER TO BE FILLED WITH CLSM	TRENCH BACKFILL	CATCH BASIN TO BE ADJ W/ NEW TYPE 8 GRATE	CATCH BASIN TO BE ADJ W/ NEW TYPE 11 F & G	MANHOLES TO BE ADJ W/ NEW TYPE 1 F & CL LID	INLETS TO BE ADJ W/ NEW TYPE 11 F & G	INLETS TO BE ADJ W/ NEW TYPE 24 F & G	INLETS TO BE RECON W/ NEW TYPE 24 F & G	VALVE VAULTS TO BE ADJ W/ NEW TYPE 1 F & CL LID	REMOVING		
UPSTREAM STATION	DOWNSTREAM STATION	OFFSET (FOOT)		6" (FOOT)	8" (FOOT)	10" (FOOT)	12" (FOOT)	15" (FOOT)	18" (FOOT)	24" (FOOT)	30" (FOOT)	36" (FOOT)	(CU YD)	(CU YD)	(EACH)	(EACH)	(EACH)	(EACH)	(EACH)	(EACH)	MANHOLES (EACH)	CATCH BASINS (EACH)	INLETS (EACH)
147TH STREET																							
	1005+80.5	32.9	RT															1					
	1005+92	34.5	LT															1					
	1006+94.5	38.9	RT																				
	1007+07	26.7	LT																				
1009+46.1	1007+07		LT										15.6										
	1007+84.2	32.7	LT																				1
	1007+95.4	32.8	RT																				1
	1009+09	38.6	RT																			1	
1009+09	1009+41		RT				32							6.1									
	1009+41	34	RT																			1	
1009+41	1009+46.1		RT/LT				59																
	1009+41.1	34.1	LT																			1	
1009+41.1	1009+46.1		LT				10																
	1009+46.1	25.7	LT																		1		
1011+73.5	1009+46.1		LT										14.9										
	1011+34.9	28.3	LT																				1
	1011+34.9	1011+38.6	LT				5							0.6									
	1011+38.6	31.2	LT																			1	
	1011+38.6	1011+38.5	LT				6							1.0									
	1011+38.6	1011+38.6	RT																				1
1011+38.6	1011+50.9		RT				15							2.9									
	1011+50.9	37.3	RT																			1	
	1011+50.9	1011+83.5	RT				51							12.9									
	1012+03.1	1011+73.5	LT						30														
	1012+03.1	1011+83.5	LT										0.9										
	1012+03.1	24.9	LT																			1	
	1012+43.6	1012+03.1	RT/LT										2.6										
	1012+56.7	1012+03.1	LT										1.6										
	1012+51.9	1012+43.6	RT				12															1	
	1012+51.9	23.2	RT																				1
	1012+56.7	23.3	LT																				1
1015+66.1	1012+51.9		RT					315						6.2									
1014+27.4	1014+25.8		RT				5																
	1014+27.4	21.1	RT																			1	
1014+29.6	1014+27.4		LT/RT				41																
	1014+29.6	21.6	LT																				1
	1015+66.1	25.4	RT																			1	
1015+70	1015+66.1		RT				6							0.8									
	1015+70	21.5	RT																			1	
1015+69.5	1015+70		LT/RT										1.2										
	1015+69.5	21.7	LT																				1
	1016+42.6	49.9	LT																				
	1016+75.6	48.9	LT																				
	1017+76.7	27.1	RT																			1	
1017+78.6	1017+76.7		RT				6																
	1017+78.6	21.9	RT																			1	
1017+79.1	1017+78.6		LT/RT				42																
	1017+79.1	21.4	LT																				1
1017+76.7	1019+02.7		RT				126							21.4									
	1017+89.5	25.9	RT																				
	1019+02.7	26.7	RT																				
1019+03.8	1019+02.7		RT				5							0.1									
	1019+03.8	21.9	RT																				
1019+03.9	1019+03.8		RT				15																
1019+04.5	1019+03.9		LT/RT										0.8										
	1019+04.5	21.5	LT																				1
1019+02.7	1019+45.9		RT			43								8.0									
1019+45.9	1019+96.9		RT										1.0										
	1019+73.7	31.5	RT																			1	
1019+73.7	1019+96.9		RT										0.2										
1019+97.1	1019+97.1		RT	7																			
1030+10.9	1029+96.4		RT										0.3										
1030+66.4	1030+10.9		RT				56							22.6									
	1030+66.4	21.3	RT																				
1030+66.7	1030+66.4		RT				14																
1030+66.8	1030+66.7		LT/RT										0.8										
	1030+66.8	21.8	LT																				1
	1032+46.2	21.9	LT																				1
1032+46.2	1032+46.5		LT/RT										0.8										
1032+46.5	1032+46.5		RT				14																
	1032+46.5	21.3	RT																				
1032+46.5	1033+15.7	27.4	RT										2.0										
	1033+14.4	25	LT																				
	1033+15.7	27.4	RT																				



USER NAME =	DESIGNED - JRS	REVISED - JRS 12/01/2011
	DRAWN - MJF	REVISED - JRS 02/15/2012
PLOT SCALE =	CHECKED - APS	REVISED - JRS 05/04/2012
PLOT DATE	DATE - 7/22/2011	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**147TH STREET PROJECT  
EXISTING DRAINAGE REMOVAL AND ADJUSTMENT SCHEDULE**

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	(0405-1 & 0506-2) R-1	COOK	577	249
FED. ROAD DIST. NO.			ILLINOIS FED. AID PROJECT	
CONTRACT NO.			60M57	

LOCATION				STORM SEWER REMOVALS									STORM SEWER TO BE FILLED WITH CLSM (CU YD)	TRENCH BACKFILL (CU YD)	CATCH BASIN TO BE ADJ W/ NEW TYPE 8 GRATE (EACH)	CATCH BASIN TO BE ADJ W/ NEW TYPE 11 F & G (EACH)	MANHOLES TO BE ADJ W/ NEW TYPE 1 F & CL LID (EACH)	INLETS TO BE ADJ W/ NEW TYPE 11 F & G (EACH)	INLETS TO BE ADJ W/ NEW TYPE 24 F & G (EACH)	INLETS TO BE RECON W/ NEW TYPE 24 F & G (EACH)	VALVE VAULTS TO BE ADJ W/ NEW TYPE 1 F & CL LID (EACH)	REMOVING		
UPSTREAM STATION	DOWNSTREAM STATION	OFFSET (FOOT)	RT	6" (FOOT)	8" (FOOT)	10" (FOOT)	12" (FOOT)	15" (FOOT)	18" (FOOT)	24" (FOOT)	30" (FOOT)	36" (FOOT)										MANHOLES (EACH)	CATCH BASINS (EACH)	INLETS (EACH)
1034+32.6	1034+32.6	27.5	RT				32															1		
	1034+44.9		RT											13.2										1
	1034+36.1	27.5	LT																					1
1034+36.1	1034+44.9		LT												0.8									
	1034+44.9	1.7	LT																			1		
1034+44.9	1034+60.6		LT				16																	
1034+60.6	1035+74.5		LT/RT												3.3		7.6							
	1035+62.4	33.4	RT																					1
1035+62.4	1035+74.5		RT				35										17.7							
	1035+62.9	33.3	LT																					1
1035+62.9	1035+74.5		LT/RT												1.0									
	1035+74.5	0.2	RT																					1
1035+74.5	1037+49.2		RT												8.0									
	1036+28.5	54.3	LT																					1
1036+28.5	1036+60.8		LT				33																	
	1036+60.8	55.8	LT																					1
1036+60.8	1036+44.9		LT												0.7									
	1036+44.9	37.7	LT																					
	1036+31.6	54.2	RT														1							1
1036+31.6	1036+62.9		RT				32																	
	1036+62.9	54.8	RT																					1
1036+62.9	1036+44		RT												1.9									
	1036+44	18.9	RT																					
	1037+18	33.4	LT														1							
1037+18	1037+49.2		LT/RT												1.3									
	1037+42.6	33	RT																					1
1037+42.6	1037+49.2		RT				33										17.0							
	1037+49.2	0.3	RT																					1
1037+49.2	1039+91.8		RT/LT												16.0									
	1039+91.8	20.1	LT																					1
	1039+57.9	71.7	RT																					1
1039+57.9	1039+88.1		RT												0.9									
	1039+88.1	71.9	RT																					1
1039+91.8	1040+75.4		LT												5.6									
	1040+66.8	32.4	RT																					1
1040+66.8	1040+69.5		RT				30										33.1							
	1040+69.5	4.1	RT																					1
1040+69.5	1040+75.4		RT/LT												2.9									
	1040+75.4	41.2	LT																					1
1040+75.4	1042+54.9		LT												21.3									
	1042+48.5	2.3	LT																					1
1042+48.5	1042+51.1		LT				4																	
	1042+49.1	31.7	RT																					1
1042+49.1	1042+48.5		RT/LT				35																	
	1042+51.1	5.5	LT																					1
1042+51.1	1042+54.9		LT				33																	
	1042+54.9	38.5	LT																					1
1042+54.9	1043+14.1		LT												7.1									
1043+14.1	1043+23.9		LT																					
1043+23.9	1044+53.8		LT												15.5									
	1044+52.4	30	RT																					1
1044+52.4	1044+52.9		RT/LT				32																	
	1044+52.9	1	LT																					1
1044+52.9	1044+53.8		LT				33																	
	1044+53.8	34.8	LT																					1
1044+53.8	1046+11.7		LT												18.7									
1044+96	1044+96.8		LT				22																	
1046+00.5	1046+08.5		RT				9										7.3							
	1046+08.5	30.9	RT																					1
1046+08.5	1046+08.6		RT																					1
	1046+08.6	1.9	RT																					1
1046+08.6	1046+11.7		RT/LT												2.2									
	1046+11.7	31.8	LT																					1
1046+11.7	1048+27.4		LT												25.8									
	1048+23.3	2.9	RT																					1
1048+23.3	1048+27.4		RT/LT												1.5									
	1048+24	33.2	RT																					1
1048+24	1048+23.3		RT				31										27.1							
	1048+27.4	50	LT																					1
1048+27.4	1050+35.4		LT												25.0									
	1048+90.9	38.4	RT																					1
1048+90.9	1048+24		RT				66										24.0							
	1049+08.5	56.7	RT																					1
1049+08.5	1048+90.9		RT				25										4.6							
	1050+29.8	5.1	RT																					1



USER NAME =	DESIGNED - JRS	REVISED - JRS 12/01/2011
	DRAWN - MJF	REVISED - JRS 02/15/2012
PLOT SCALE =	CHECKED - APS	REVISED - JRS 05/04/2012
PLOT DATE	DATE - 7/22/2011	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**147TH STREET PROJECT  
EXISTING DRAINAGE REMOVAL AND ADJUSTMENT SCHEDULE**

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	(0405-1 & 0506-2) R-1	COOK	577	250
FED. ROAD DIST. NO.			ILLINOIS FED. AID PROJECT	

LOCATION			STORM SEWER REMOVALS									STORM SEWER TO BE FILLED WITH CLSM (CU YD)	TRENCH BACKFILL (CU YD)	CATCH BASIN TO BE ADJ W/ NEW TYPE 8 GRATE (EACH)	CATCH BASIN TO BE ADJ W/ NEW TYPE 11 F & G (EACH)	MANHOLES TO BE ADJ W/ NEW TYPE 1 F & CL LID (EACH)	INLETS TO BE ADJ W/ NEW TYPE 11 F & G (EACH)	INLETS TO BE ADJ W/ NEW TYPE 24 F & G (EACH)	INLETS TO BE RECON W/ NEW TYPE 24 F & G (EACH)	VALVE VAULTS TO BE ADJ W/ NEW TYPE 1 F & CL LID (EACH)	REMOVING		
UPSTREAM STATION	DOWNSTREAM STATION	OFFSET (FOOT)	6" (FOOT)	8" (FOOT)	10" (FOOT)	12" (FOOT)	15" (FOOT)	18" (FOOT)	24" (FOOT)	30" (FOOT)	36" (FOOT)										MANHOLES (EACH)	CATCH BASINS (EACH)	INLETS (EACH)
1050+29.8	1050+35.4											1.8											
	1050+29.2	34.5	RT/LT																		1		
	1050+31.2	38.5	RT																			1	
1050+31.2	1050+29.8		RT				34						27.4										
	1050+35.4	57.4	LT																		1		
1050+35.4	1052+58.1		LT									26.9											
	1052+49.1	63	RT																			1	
1052+49.1	1052+58.1		RT/LT									3.8											
	1052+58.1	65.3	LT																		1		
1052+58.1	1055+49.3		LT									53.8											
	1054+13.4	80.2	LT																				1
1054+13.4	1054+37.2		LT									1.2											
	1055+49.3	39	LT																			1	
1055+50.4	1055+49.3		RT/LT									3.0											
1055+51	1055+50.4		RT						22				25.0										
	1055+51	50.9	RT																			1	
1055+49.3	1056+24.7		LT									19.6											
1056+24.7	1056+34.7		LT									10											
1056+34.7	1057+80.9		LT/RT									39.3											
	1057+76.6	47.2	RT																			1	
1057+76.6	1057+80.9		RT						40				16.8										
	1057+80.3	42.8	LT																			1	
1057+80.3	1057+80.9		LT/RT									1.5											
	1057+80.9	8.1	RT																		1		
1057+80.9	1060+31.7		RT/LT									66.0											
1058+41.6	1057+76.6		RT						70				26.8										
1058+56.9	1057+80.3		LT						81				34.3										
	1060+29	46.9	LT																			1	
1060+29	1060+57.8		LT									0.9											
	1060+31.7	8.5	LT																		1		
1060+31.7	1060+66.2		LT									18.1											
	1060+31.9	42.8	RT																			1	
1060+31.9	1060+31.7		RT						13														
1060+31.7	1060+31.7		RT/LT									1.1											
1060+35.2	1060+31.9		RT						26				9.9										
1060+54.3	1060+66.2		LT						13														
	1060+66.2	68.3	LT																		1		
	1061+00	85.1	LT																		1		
1061+00	1060+93.5		LT								10												
	1063+17.9	58.5	LT																				1
1063+17.9	1063+28.2		LT									0.3											
	1063+20	7.6	LT																				1
1063+20	1063+31.1		LT																				
	1063+27.1	82.7	LT																		1		
1063+27.1	1061+00		LT								221												
	1063+34.8	55.9	RT																		1		
1063+34.8	1063+27.1		RT/LT									16.2											
1063+40	1063+34.8		RT						14														
	1064+07.9	69.8	RT																			1	
1064+07.9	1063+34.8		RT									5.1											
	1064+50.9	108.8	LT												1								
1064+60	1064+65.6		LT						15				18.1										
	1064+65.6	73.3	LT																		1		
1064+65.6	1063+27.1		LT						132				138.0										
	1065+09.3	14	LT																			1	
1065+09.3	1064+65.6		LT									2.1											
	1065+59.6	15.4	LT																			1	
1065+59.6	1065+70		LT/RT									0.8											
1065+70	1065+84.2		RT						39				13.6										
	1065+83.6	90.6	LT																			1	
1065+83.6	1064+65.6		LT						113				34.0										
	1068+90.7	13.2	LT																			1	
1068+90.7	1068+90.9		LT/RT									0.9											
	1068+91.6	58.2	LT																				1
1068+91.6	1068+90.7		LT									1.3											
	1069+54.9	25.8	RT												1								
1069+54.9	1069+54		RT									0.3											
	1070+32.2	27.2	RT																		1		
	1070+68.1	9.7	LT																				1
1070+68.1	1070+58		LT/RT									2.1											
	1070+58		RT								15												
1070+58	1070+70.1		LT																			1	
	1070+70.1	48.9	LT																				
1070+70.1	1070+68.1		LT									1.2											
	1071+81.3	12.9	LT																				1
1071+81.3	1072+34.6		LT									1.5											



USER NAME =	DESIGNED - JRS	REVISED - JRS 12/01/2011
	DRAWN - MJF	REVISED - JRS 02/15/2012
PLOT SCALE =	CHECKED - APS	REVISED - JRS 05/04/2012
PLOT DATE	DATE - 7/22/2011	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

<b>147TH STREET PROJECT</b>	
<b>EXISTING DRAINAGE REMOVAL AND ADJUSTMENT SCHEDULE</b>	
SCALE: N/A	SHEET NO. 3 OF 6 SHEETS
STA. TO STA.	

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	(0405-1 & 0506-2) R-1	COOK	577	251
FED. ROAD DIST. NO.			ILLINOIS FED. AID PROJECT	
			CONTRACT NO. 60M57	

LOCATION				STORM SEWER REMOVALS								STORM SEWER TO BE FILLED WITH CLSM (CU YD)	TRENCH BACKFILL (CU YD)	CATCH BASIN TO BE ADJ W/ NEW TYPE 8 GRATE (EACH)	CATCH BASIN TO BE ADJ W/ NEW TYPE 11 F & G (EACH)	MANHOLES TO BE ADJ W/ NEW TYPE 1 F & CL LID (EACH)	INLETS TO BE ADJ W/ NEW TYPE 11 F & G (EACH)	INLETS TO BE ADJ W/ NEW TYPE 24 F & G (EACH)	INLETS TO BE RECON W/ NEW TYPE 24 F & G (EACH)	VALVE VAULTS TO BE ADJ W/ NEW TYPE 1 F & CL LID (EACH)	REMOVING				
UPSTREAM STATION	DOWNSTREAM STATION	OFFSET (FOOT)	RT	6" (FOOT)	8" (FOOT)	10" (FOOT)	12" (FOOT)	15" (FOOT)	18" (FOOT)	24" (FOOT)	30" (FOOT)										36" (FOOT)	MANHOLES (EACH)	CATCH BASINS (EACH)	INLETS (EACH)	
	1071+93.9	59.4	RT												1										
	1072+11.9	57.5	RT											1											
	1072+34.6	10.7	LT																	1					
1072+34.6	1072+45.3		LT/RT				19							23.0								1			
	1072+35.8	38.5	LT																						
1072+35.8	1072+34.6		LT										0.8												
	1072+59	8.2	LT																	1					
1072+59	1072+34.6		LT				25						41	9.5											
	1072+45.3		RT											88.5											
	1072+85.6	3.6	RT										55	119.1						1					
1072+85.6	1072+86.5		RT																						
	1073+03.3	58.4	LT												1										
	1073+05.1	47	RT																			1			
1073+05.1	1073+04.6		RT				12							3.8											
	1073+60.5	46.1	RT																			1			
1073+60.5	1073+67.3		RT				15							14.0											
	1073+67.3	59.5	RT												1										
	1074+01.9	56.9	RT												1										
	1074+42.5	8.2	LT												1										
	1074+64.1	6.8	RT																1						
	1075+33.9	34.7	LT																		1				
	1075+73.5	3.8	RT												1										
	1076+38.1	43.8	LT																		1				
1076+38.1	1076+55.8		LT										0.7												
	1076+40.7	39	LT											2.0								1			
1076+40.7	1077+12.9		LT																						
	1076+41.5	47.3	LT												1										
	1076+77.4	91.9	RT												1										
1077+40.9	1076+77.4		RT											2.2											
	1077+12.9	28.8	LT																		1				
1077+12.9	1077+81.6		LT											2.0											
	1077+40.9	48	RT																	1					
1077+99.5	1077+40.9		RT											1.2											
	1077+81.6	27.6	LT											0.9							1				
1077+81.6	1078+11.3		LT																						
	1077+99.5	32.2	RT																			1			
	1078+11.3	28.4	LT																		1				
	1078+47.8	31	LT																1						
	1079+22.5	26.7	LT																			1			
	1079+28.7	40.4	RT																			1			
1079+28.7	1079+52.4		RT																						
	1079+51.2	43.2	LT												1										
	1079+52.4	40.4	RT												1										
	1079+73.9	40.2	RT													1									
	1079+89.8	15.4	LT																1						
	1079+97.2	25.8	LT													1									
SUBTOTAL 147TH STREET					7	24	43	1524	495	74	10	231	106	481.2	877.5	0	3	17	2	2	0	3	28	55	30
RAMP E																									
	4114+48.6	111.6	RT																				1		
4114+48.6	4114+84.1		RT											1.9											
	4114+47.8	25.8	LT																			1			
4114+47.8	4114+89.2		LT										42	48.4											
4115+07.4	4115+27.8		RT/LT											1.6											
	4115+27.8	9	LT																			1			
4115+27.8	4115+67.2		LT											2.4											
SUBTOTAL RAMP E					0	0	0	0	0	42	0	0	0	5.9	48.4	0	0	0	0	0	0	0	0	3	0
RAMP F1																									
	4200+93.9		LT				20							5.1											
4200+93.9	4200+97.9	12.9	LT																			1			
	4200+97.9		LT/RT											1.4											
	4201+01.5	18.5	LT																				1		
4201+01.5	4200+97.9		LT				6							2.4											
	4201+13.3	113.8	RT																				1		
4201+13.3	4200+52.3		RT				125							20.2											
SUBTOTAL RAMP F1					0	0	0	151	0	0	0	0	0	1.4	27.7	0	0	0	0	0	0	0	1	2	0
RAMP J																									
	4310+88.9	37.4	LT																				1		
4310+88.9	4311+54.3		LT											2.0											



USER NAME -	DESIGNED - JRS	REVISED - JRS 12/01/2011
	DRAWN - MJF	REVISED - JRS 02/15/2012
PLOT SCALE -	CHECKED - APS	REVISED - JRS 05/04/2012
PLOT DATE	DATE - 7/22/2011	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

<b>147TH STREET PROJECT</b>			
<b>EXISTING DRAINAGE REMOVAL AND ADJUSTMENT SCHEDULE</b>			
SCALE: N/A	SHEET NO. 4 OF 6 SHEETS	STA. TO STA.	

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	(0405-1 & 0506-2) R-1	COOK	577	252
FED. ROAD DIST. NO.			ILLINOIS FED. AID PROJECT	
			CONTRACT NO. 60M57	

LOCATION				STORM SEWER REMOVALS								STORM SEWER TO BE FILLED WITH CLSM (CU YD)	TRENCH BACKFILL (CU YD)	CATCH BASIN TO BE ADJ W/ NEW TYPE 8 GRATE (EACH)	CATCH BASIN TO BE ADJ W/ NEW TYPE 11 F & G (EACH)	MANHOLES TO BE ADJ W/ NEW TYPE 1 F & CL LID (EACH)	INLETS TO BE ADJ W/ NEW TYPE 11 F & G (EACH)	INLETS TO BE ADJ W/ NEW TYPE 24 F & G (EACH)	INLETS TO BE RECON W/ NEW TYPE 24 F & G (EACH)	VALVE VAULTS TO BE ADJ W/ NEW TYPE 1 F & CL LID (EACH)	REMOVING			
UPSTREAM STATION	DOWNSTREAM STATION	OFFSET (FOOT)	RT	6" (FOOT)	8" (FOOT)	10" (FOOT)	12" (FOOT)	15" (FOOT)	18" (FOOT)	24" (FOOT)	30" (FOOT)										36" (FOOT)	MANHOLES (EACH)	CATCH BASINS (EACH)	INLETS (EACH)
	4310+99.1	103.6	RT											1										
	4311+54.3	16.2	LT																				1	
4311+54.3	4311+80.5		LT/RT				61																	
SUBTOTAL RAMP J				0	0	0	61	0	0	0	0	0		2.0	0.0	1	0	0	0	0	0	0	1	1
RAMP K																								
	4401+01.5	33.5	LT																				1	
4401+64.4	4401+01.5		LT				70																1	
	4401+64.4	40.5	LT																				1	
	4401+68.9	88.2	RT																				1	
SUBTOTAL RAMP K				0	0	0	0	70	0	0	0	0		0.0	0.0	1	0	0	0	0	0	0	2	0
KEDZIE AVENUE																								
	5013+04.2	38.2	RT												1									
	5013+09.7	6.7	RT												1									
	5013+09.8	32.2	LT														1							
	5013+14.4	32.3	RT														1							
	5013+69.5	41.2	RT												1									
	5014+73.5	32.2	RT														1							
	5014+74.6	32	LT														1							
	5014+74.9	0.8	LT														1							
	5016+37.1	31.3	RT														1							
	5016+41.2	0	LT												1									
	5016+42	31	LT														1							
	5017+87.4	40.1	LT														1							
	5017+89.6	27.8	RT												1									
	5018+53.5	53.8	LT														1							
	5018+83.9	53.2	LT														1							
	5018+89	39.6	LT														1							
	5018+93.6	25.9	LT														1							
	5018+99	17.8	RT														1							
	5019+14.4	24.5	LT														1							
SUBTOTAL KEDZIE AVENUE				0	0	0	0	0	0	0	0	0		0.0	0.0	1	0	9	0	8	1	0	0	0
WESTERN AV / DIXIE HWY																								
	6001+87.5	33.7	RT														1							
	6004+87.5	46.7	RT																				1	
6004+87.5	6005+07.5		RT		18																			
	6005+07.5	48.7	RT																					
	6005+10.2	45.7	LT														1							
	6005+25	33.1	RT																				1	
6005+25	6005+07.5		RT	21																				
	6005+31	36.3	RT																				1	
6005+31	6005+25		RT	7																				
	6005+98.7	24.6	RT																				1	
6007+17.6	6008+72.2		LT																					
	6007+31.4	22.7	RT																				1	
6007+31.4	6008+74.5		RT				143																	
	6007+48.3	34.3	RT																					
	6008+72.2	29.4	LT																				1	
6008+72.2	6009+15.6		LT																					
	6008+74.5	26.8	RT																				1	
6008+74.5	6009+55		RT				81																	
6009+15.6	6010+29.8		LT																					
	6009+16.1	47.7	LT																					
	6009+54	29.9	LT																				1	
6009+54	6009+15.6		LT																					
	6009+55	31.5	RT																				1	
6009+55	6009+55.8		RT				9																	
	6009+55.8	41.2	RT																				1	
6009+55.8	6009+71.1		RT				34																	
	6010+29.8	49.2	LT																				1	
6010+13.8	6010+35.9		RT	24																				
	6010+35.9	39.8	RT																				1	
6010+35.9	6010+29.5		RT				29																	
	6010+36.9	29.8	LT																				1	
6010+36.9	6010+39.1		LT				16																	
6010+29.8	6010+96.1		LT																					
	6010+86.3	87.9	RT																				1	
	6010+96.1	46.9	LT																				1	
	6010+99.3	74.5	RT																				1	



USER NAME =	DESIGNED - JRS	REVISED - JRS 12/01/2011
	DRAWN - MJF	REVISED - JRS 02/15/2012
PLOT SCALE =	CHECKED - APS	REVISED - JRS 05/04/2012
PLOT DATE	DATE - 7/22/2011	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**147TH STREET PROJECT  
EXISTING DRAINAGE REMOVAL AND ADJUSTMENT SCHEDULE**

SCALE: N/A SHEET NO. 5 OF 6 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	(0405-1 & 0506-2) R-1	COOK	577	253
FED. ROAD DIST. NO.			ILLINOIS FED. AID PROJECT	
			CONTRACT NO. 60M57	

LOCATION				STORM SEWER REMOVALS								STORM SEWER TO BE FILLED WITH CLSM (CU YD)	TRENCH BACKFILL (CU YD)	CATCH BASIN TO BE ADJ W/ NEW TYPE 8 GRATE (EACH)	CATCH BASIN TO BE ADJ W/ NEW TYPE 11 F & G (EACH)	MANHOLES TO BE ADJ W/ NEW TYPE 1 F & CL LID (EACH)	INLETS TO BE ADJ W/ NEW TYPE 11 F & G (EACH)	INLETS TO BE ADJ W/ NEW TYPE 24 F & G (EACH)	INLETS TO BE RECON W/ NEW TYPE 24 F & G (EACH)	VALVE VAULTS TO BE ADJ W/ NEW TYPE 1 F & CL LID (EACH)	REMOVING			
UPSTREAM STATION	DOWNSTREAM STATION	OFFSET (FOOT)	LT	6" (FOOT)	8" (FOOT)	10" (FOOT)	12" (FOOT)	15" (FOOT)	18" (FOOT)	24" (FOOT)	30" (FOOT)										36" (FOOT)	MANHOLES (EACH)	CATCH BASINS (EACH)	INLETS (EACH)
	6011+01.7	35.4	LT																			1		
	6011+05	41.7	LT																		1			
6011+05	6010+96.1		LT				10							3.3										
	6011+05.5	67.7	RT																		1			
6011+05.5	6009+55.8		RT				150							30.0										
	6011+05.6	42.9	RT																		1			
6011+05.6	6011+05.5		RT				25																	
	6011+40.8	57.4	LT																		1			
6011+40.8	6010+96.1		LT				46							44.9										
	6012+87.6	33	LT																1					
	6013+22	43.8	RT																			1		
6013+22	6013+35.6		RT/LT											2.0										
	6013+35.6	22.8	LT																		1			
6013+35.6	6015+77.1		LT											11.0										
	6014+01.5	26.1	LT																		1			
6014+01.5	6013+94.9		LT/RT											0.8										
	6014+94.8	28.5	RT																			1		
6014+94.8	6015+67.9		RT				73							12.6										
	6014+96.9	40.6	LT																					
	6014+97	55.8	LT												1									
	6015+21.7	30.9	LT												1						1			
	6015+67.6	29.7	RT																		1			
6015+67.6	6015+67.9		RT			6								0.3										
	6015+67.9	24.4	RT																		1			
6015+67.9	6015+77.1		RT/LT											1.7										
	6015+94.1	25.7	LT																		1			
6015+94.1	6015+77.1		LT				17							5.8										
6015+77.1	6020+89.7		LT											23.3										
	6016+02	29.2	LT																		1			
	6016+18.7	24.9	LT																			1		
	6016+83.5	51.3	LT												1							1		
	6018+56.2	21.5	LT																			1		
	6019+71.6	27	LT																					
	6020+83.2	35.9	LT																		1			
6020+83.2	6020+89.7		LT				7							1.6										
6020+89.7	6023+37.1		LT											11.3										
	6023+28	31.4	LT																		1			
6023+28	6023+37.1		LT				10							2.2										
	6023+37.1	27.8	LT																		1			
6023+37.1	6025+72.2		LT											10.7										
	6024+44.3	32.8	LT																		1			
6025+72.2	6026+51.5		LT					79																
	6025+79.2	34	LT																					
	6026+51.5	27.4	LT																		1			
SUBTOTAL WESTERN AV / DIXIE HWY				52	24	0	650	79	0	0	0	0	74.2	154.5	0	1	13	0	0	0	1	8	15	10
TOTAL				59	48	43	2386	644	116	10	231	106	565	1109	3	4	39	2	10	1	4	37	78	41



USER NAME =	DESIGNED - JRS	REVISED - JRS 12/01/2011
	DRAWN - MJF	REVISED - JRS 02/15/2012
PLOT SCALE =	CHECKED - APS	REVISED - JRS 05/04/2012
PLOT DATE	DATE - 7/22/2011	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**147TH STREET PROJECT  
EXISTING DRAINAGE REMOVAL AND ADJUSTMENT SCHEDULE**

SCALE: N/A SHEET NO. 6 OF 6 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	(0405-1 & 0506-2) R-1	COOK	577	254
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT			CONTRACT NO. 60M57	

PI0\_SCH\_DR\_SHT01\_HRGREEN.dgn 1/18/12 AM

LOCATION				CATCH BASIN TYPE A 4' DIAMETER TYPE 1 F & OL (EACH)	CATCH BASIN TYPE A 4' DIAMETER TYPE 11 F & G (EACH)	CATCH BASIN TYPE A 4' DIAMETER TYPE 24 F & G (EACH)	CATCH BASIN TYPE A 5' DIAMETER TYPE 1 F & OL (EACH)	MANHOLES TYPE A 4' DIAMETER TYPE 1 F & CL LID (EACH)	MANHOLES TYPE A 4' DIAMETER TYPE 8 GRATE (EACH)	MANHOLES TYPE A 5' DIAMETER TYPE 1 F & CL LID (EACH)	MANHOLES TYPE A 5' DIAMETER TYPE 8 GRATE (EACH)	MANHOLES TYPE A 5' DIAMETER TYPE 24 F & G (EACH)	MANHOLES TYPE A 6' DIAMETER TYPE 1 F & CL LID (EACH)	MANHOLES TYPE A 8' DIAMETER TYPE 1 F & CL LID (EACH)	MANHOLES TYPE A 8' DIAMETER 2 - TYPE 1 F & CL LID (EACH)	INLETS TYPE A			PRC FLARED END SECTION		GRATING CONCRETE END SECTION	
ID NUMBER	STATION	OFFSET (FOOT)														TYPE 8 GRATE (EACH)	TYPE 11 F & G (EACH)	TYPE 24 F & G (EACH)	ROUND		24" (EACH)	30" (EACH)
																			24" (EACH)	30" (EACH)		
147TH STREET																						
100	1007+07	26.5	LT					1														
102	1007+35	22	RT												1							
104	1007+94	22	RT								1											
106	1007+94	34	RT			1																
108	1007+94	34	LT			1																
110	1008+67	22	RT								1											
112	1008+67	34	RT			1																
114	1008+67	34	LT			1																
116	1009+40	22	RT								1											
118	1009+40	34	RT			1																
120	1009+77.6	65	RT		1																	
122	1010+10	65	RT														1					
124	1009+40	34	LT			1																
126	1009+79	65	LT		1																	
128	1010+09.6	65	LT														1					
130	1010+90	22	RT								1											
132	1010+90	34	RT			1																
134	1010+90	34	LT			1																
136	1011+79.3	20	RT								1											
138	1011+79.3	32	RT			1																
140	1011+85	32	RT																1			
142	1011+79.3	32	LT			1																
144	1011+85	32	LT																1			
146	1013+40	20	RT								1											
148	1013+42.8	50	RT		1																	
150	1013+09.6	50	RT														1					
152	1013+41.3	50	LT		1																	
154	1013+11.3	50	LT														1					
156	1014+25	20	RT								1											
158	1014+25	32	RT			1																
160	1014+25	32	LT			1																
162	1015+23.5	20	RT								1											
164	1015+23.5	32	RT			1																
166	1015+35	32	RT																1			
168	1015+24.2	32	LT			1																
170	1015+35	32	LT																1			
200	1017+80	12	RT								1											
202	1017+80	32.2	RT			1																
204	1017+80	32	LT			1																
206	1018+50	12	RT								1											
208	1018+50	33.9	RT			1																
210	1018+37.3	33.6	RT																1			
212	1018+50	32	LT			1																
214	1018+37.3	32	LT																1			
216	1020+15	12	RT								1											
218	1021+50	12	RT								1											
220	1022+50	8	RT								1											
222	1023+21.5	8	RT								1											
224	1024+84	8	RT								1											
226	1025+35	8	RT								1											
228	1027+00	8	RT								1											
230	1027+54	8	RT								1											
232	1029+00	10	RT								1											
234	1030+20	12	RT								1											
236	1030+05.1	50	RT		1																	
238	1030+04.2	50	LT		1																	
240	1031+50	12	RT										1									
242	1031+50	32	RT			1																
244	1031+41.5	32	RT																1			
246	1031+50	32	LT			1																
248	1031+44.6	32	LT																1			
250	1033+50	12	RT										1									
252	1033+38	50	RT		1																	
254	1033+04.5	50	RT																			
256	1033+36.9	50	LT		1														1			
258	1033+04.1	50	LT																1			
260	1034+55.6	12	RT										1									



USER NAME =	DESIGNED - JRS	REVISED - JRS 12/01/2011
PLOT SCALE =	DRAWN - MJF	REVISED - JRS 02/15/2012
PLOT DATE =	CHECKED - APS	REVISED - JRS 05/04/2012
	DATE - 7/22/2011	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

<b>147TH STREET PROJECT DRAINAGE AND UTILITY SCHEDULE</b>		
SCALE: N/A	SHEET NO. 1 OF 12 SHEETS	STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	(0405-1 & 0506-2) R-1	COOK	577	255
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT			CONTRACT NO. 60M57	

PI0\_SCH\_DR\_SHT02\_HRGREEN.dgn 4/26/2012 11:05:50 AM

LOCATION				CATCH BASIN TYPE A 4' DIAMETER TYPE 1 F & OL (EACH)	CATCH BASIN TYPE A 4' DIAMETER TYPE 11 F & G (EACH)	CATCH BASIN TYPE A 4' DIAMETER TYPE 24 F & G (EACH)	CATCH BASIN TYPE A 5' DIAMETER TYPE 1 F & OL (EACH)	MANHOLES TYPE A 4' DIAMETER TYPE 1 F & CL LID (EACH)	MANHOLES TYPE A 4' DIAMETER TYPE 8 GRATE (EACH)	MANHOLES TYPE A 5' DIAMETER TYPE 1 F & CL LID (EACH)	MANHOLES TYPE A 5' DIAMETER TYPE 8 GRATE (EACH)	MANHOLES TYPE A 5' DIAMETER TYPE 24 F & G (EACH)	MANHOLES TYPE A 6' DIAMETER TYPE 1 F & CL LID (EACH)	MANHOLES TYPE A 8' DIAMETER TYPE 1 F & CL LID (EACH)	MANHOLES TYPE A 8' DIAMETER 2 - TYPE 1 F & CL LID (EACH)	INLETS TYPE A			PRC FLARED END SECTION		GRATING CONCRETE END SECTION		
ID NUMBER	STATION	OFFSET (FOOT)														TYPE 8 GRATE (EACH)	TYPE 11 F & G (EACH)	TYPE 24 F & G (EACH)	ROUND		24" (EACH)	30" (EACH)	
																			24"	30"			
262	1034+55.6	32	RT			1																	
264	1034+45	32	RT																				
266	1034+55.6	32	LT			1																	
268	1034+65	32	LT																				
270	1036+80	12	RT											1									
272	1036+64.3	55	RT		1																		
274	1036+30.7	55	RT																				
276	1036+62.9	55	LT		1																		
278	1036+27.6	55	LT																				
280	1037+65	12	RT											1									
282	1037+50	32	RT			1																	
284	1037+65	32	LT			1																	
286	1038+75	12	RT											1									
288	1038+75	32	RT			1																	
290	1038+65.2	32	RT																				
292	1038+75	32	LT			1																	
294	1038+58.8	32	LT																				
296	1040+05	12	RT											1									
298	1039+93.9	55	RT																				
300	1039+59	55	RT																				
302	1039+96.8	55	LT																				
304	1039+61.2	55	LT																				
306	1040+93	12	RT																				
308	1040+66.5	32	RT			1																	
310	1040+75.4	41.2	LT					1															
312	1042+50	12	RT											1									
314	1042+50	32	RT			1																	
316	1042+50	32	LT			1																	
318	1043+50	12	RT											1									
320	1043+50	32	RT			1																	
322	1043+19	32	LT			1																	
324	1044+50	12	RT											1									
326	1044+50	32	RT			1																	
328	1044+53.5	32	LT			1																	
331	1046+00	15	RT											1									
333	1045+98	35.2	RT			1																	
335	1046+00	35.3	LT			1																	
337	1047+25	18	RT											1									
339	1047+25	38.4	RT			1																	
341	1047+25	38.4	LT			1																	
343	1048+45	21.5	RT											1									
345	1048+45	44.7	RT			1																	
347	1048+36.7	43.9	RT																				
349	1048+45	0	LT							1													
351	1048+45	41.4	LT			1																	
353	1048+37.6	41.2	LT																				
355	1049+35	23.5	RT											1									
357	1049+35	53	RT			1																	
359	1049+35	43.7	LT			1																	
361	1050+25	26	RT											1									
363	1050+25	58	RT			1																	
365	1050+25	0	LT							1													
367	1050+25	46	LT			1																	
369	1051+25	28.5	RT											1									
371	1051+25	60.5	RT			1																	
373	1051+25	48.5	LT			1																	
375	1052+50	32	RT											1									
377	1053+50	34	RT											1									
379	1053+50	66	RT			1																	
381	1053+50	55.6	LT			1																	
383	1054+80	34	RT											1									
385	1054+65	73.6	RT			1																	
387	1054+80	0	LT																				
389	1054+80	62.2	LT										1										
391	1054+89.5	165.8	LT										1										
393	1056+30	34	RT																				
413	1058+21.9	34	RT											1									
415	1058+21.9	54.5	RT			1																	

 <b>HRGreen.com</b> Illinois Professional Design Firm # 184-001322	USER NAME =	DESIGNED - JRS	REVISED - JRS 12/01/2011	<b>STATE OF ILLINOIS</b> <b>DEPARTMENT OF TRANSPORTATION</b>	<b>147TH STREET PROJECT</b> <b>DRAINAGE AND UTILITY SCHEDULE</b>			F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
	PLOT SCALE =	DRAWN - MJF	REVISED - JRS 02/15/2012					57	(0405-1 & 0506-2) R-1	COOK	577	256	
	PLOT DATE	CHECKED - APS	REVISED - JRS 05/04/2012					CONTRACT NO. 60M57					
				SCALE: N/A			SHEET NO. 2 OF 12 SHEETS		STA. TO STA.			FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT	



LOCATION				CATCH BASIN TYPE A 4' DIAMETER TYPE 1 F & OL (EACH)	CATCH BASIN TYPE A 4' DIAMETER TYPE 11 F & G (EACH)	CATCH BASIN TYPE A 4' DIAMETER TYPE 24 F & G (EACH)	CATCH BASIN TYPE A 5' DIAMETER TYPE 1 F & OL (EACH)	MANHOLES TYPE A 4' DIAMETER TYPE 1 F & CL LID (EACH)	MANHOLES TYPE A 4' DIAMETER TYPE 8 GRATE (EACH)	MANHOLES TYPE A 5' DIAMETER TYPE 1 F & CL LID (EACH)	MANHOLES TYPE A 5' DIAMETER TYPE 8 GRATE (EACH)	MANHOLES TYPE A 5' DIAMETER TYPE 24 F & G (EACH)	MANHOLES TYPE A 6' DIAMETER TYPE 1 F & CL LID (EACH)	MANHOLES TYPE A 8' DIAMETER TYPE 1 F & CL LID (EACH)	MANHOLES TYPE A 8' DIAMETER 2 - TYPE 1 F & CL LID (EACH)	INLETS TYPE A			PRC FLARED END SECTION		GRATING CONCRETE END SECTION		
ID NUMBER	STATION	OFFSET (FOOT)														TYPE 8 GRATE (EACH)	TYPE 11 F & G (EACH)	TYPE 24 F & G (EACH)	ROUND		24" (EACH)	30" (EACH)	
																			24" (EACH)	30" (EACH)			
417	1058+10	55.7	RT																1				
419	1058+35	34	RT																				
421	1059+00	34	RT										1										
423	1059+00	51	RT																				
427	1059+00	12.2	RT			1																	
429	1059+90	34	RT										1										
431	1059+90	51	RT																				
435	1059+90	5	RT			1																	
437	1060+55	34	RT										1										
439	1058+25	34	LT					1															
441	1058+25	1.5	LT			1																	
443	1058+10	1.7	LT																				
445	1058+25	49.5	LT			1																	
447	1058+10	49.7	LT																				
449	1059+00	34	LT					1															
451	1059+00	1	LT		1																		
453	1059+00	49	LT																				
457	1059+90	34	LT					1															
459	1059+90	49	LT																				
463	1060+55	34	LT					1															
465	1060+55	1	LT		1																		
500	1060+93.5	92.7	LT																				
502	1061+00	85	LT																				
504	1061+00	57.4	LT			1																	
506	1061+00	4	RT		1																		
508	1061+00	51	RT			1																	
510	1062+35	85	LT																				
512	1062+35	65	LT										1										
514	1062+35	51	RT										1										
516	1063+40	68.8	RT										1										
522	1064+60	87	LT																				
524	1064+50	66.1	LT			1																	
526	1064+50	4	LT			1																	
528	1063+30	4	LT			1																	
530	1063+30	12	RT																				
532	1064+50	64.2	RT																				
534	1065+75	81.5	LT																				
536	1065+75	65.6	LT			1																	
538	1065+75	5	LT			1																	
540	1065+75	12	RT																				
542	1065+75	62.6	RT																				
544	1066+75	79	LT																				
546	1066+75	63.1	LT			1																	
548	1066+75	60.1	RT																				
600	1069+75	17	RT																				
602	1069+75	52.5	RT			1																	
604	1069+65	52.8	RT																				
606	1069+75	6.5	LT																				
608	1069+75	55.5	LT			1																	
610	1068+85	55.3	LT																				
612	1069+00	57.4	LT			1																	
614	1068+90	57.7	LT																				
616	1071+25	36	RT																				
618	1071+25	49	RT			1																	
620	1071+25	8	LT		1																		
622	1071+25	52	LT			1																	
624	1071+35	52	LT																				
626	1070+60	53.4	LT			1																	
628	1070+50	53.7	LT																				
630	1072+67.6	36	RT																				
632	1072+67.6	49	RT			1																	
634	1072+55	49	RT																				
636	1072+67.6	8	LT		1																		
638	1072+55	8	LT																				
640	1072+67.6	52	LT			1																	



USER NAME =	DESIGNED - JRS	REVISED - JRS 12/01/2011
	DRAWN - MJF	REVISED - JRS 02/15/2012
PLOT SCALE =	CHECKED - APS	REVISED - JRS 05/04/2012
PLOT DATE	DATE - 7/22/2011	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

<b>147TH STREET PROJECT DRAINAGE AND UTILITY SCHEDULE</b>			
SCALE: N/A	SHEET NO. 3 OF 12 SHEETS	STA.	TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	(0405-1 & 0506-2) R-1	COOK	577	257
FED. ROAD DIST. NO.			CONTRACT NO. 60M57	
ILLINOIS FED. AID PROJECT				

PI0\_SCH\_DR\_SHT04\_HRGREEN.dgn 4/26/2012 11:08:58 AM

LOCATION				CATCH BASIN TYPE A 4' DIAMETER TYPE 1 F & OL (EACH)	CATCH BASIN TYPE A 4' DIAMETER TYPE 11 F & G (EACH)	CATCH BASIN TYPE A 4' DIAMETER TYPE 24 F & G (EACH)	CATCH BASIN TYPE A 5' DIAMETER TYPE 1 F & OL (EACH)	MANHOLES TYPE A 4' DIAMETER TYPE 1 F & CL LID (EACH)	MANHOLES TYPE A 4' DIAMETER TYPE 8 GRATE (EACH)	MANHOLES TYPE A 5' DIAMETER TYPE 1 F & CL LID (EACH)	MANHOLES TYPE A 5' DIAMETER TYPE 8 GRATE (EACH)	MANHOLES TYPE A 5' DIAMETER TYPE 24 F & G (EACH)	MANHOLES TYPE A 6' DIAMETER TYPE 1 F & CL LID (EACH)	MANHOLES TYPE A 8' DIAMETER TYPE 1 F & CL LID (EACH)	MANHOLES TYPE A 8' DIAMETER 2 - TYPE 1 F & CL LID (EACH)	INLETS TYPE A			PRC FLARED END SECTION		GRATING CONCRETE END SECTION			
ID NUMBER	STATION	OFFSET (FOOT)														TYPE 8 GRATE (EACH)	TYPE 11 F & G (EACH)	TYPE 24 F & G (EACH)	ROUND		24" (EACH)	30" (EACH)		
																			24" (EACH)	30" (EACH)				
642	1072+56	52	LT			1																		
644	1072+10	52	LT			1																		
646	1072+00	52	LT																1					
648	1073+60	36	RT							1														
650	1073+60	49	RT			1																		
652	1073+60	8	LT		1																			
654	1073+60	52	LT																1					
656	1074+55	36	RT							1														
658	1074+45.7	57.5	RT			1																		
660	6011+04	40	LT							1														
662	1076+50	65	RT											1										
664	1076+50	36.2	RT										1											
666	1076+30	39.9	RT			1																		
668	1076+45	35.6	LT										1											
670	1076+30	39	LT			1																		
672	1077+40.9	48	RT							1														
674	1077+40	33.9	RT			1																		
676	1077+52.3	33.6	RT																			1		
678	1077+40	32.4	LT			1																		
680	1077+45.6	32.3	LT																			1		
682	1078+10	32.1	RT			1																		
684	1078+10	31.2	LT																			1		
686	1076+50	78.6	RT												1									
688	1076+50	92.2	RT											1	1									
690	1079+25.9	40.3	RT		1																			
692	1079+40.5	43	LT			1																		
SUBTOTAL 147TH STREET				0	17	79	0	6	3	27	2	6	28	4	4	2	13	35	0	0	0	0		
RAMP E																								
407	4114+50	27	LT										1											
409	4114+50	40	LT																			1		
409	4112+48.5	74	LT	1																			1	
467	4114+50	45	RT													1								
SUBTOTAL RAMP E				1	0	0	0	0	0	0	0	0	1	0	0	1	0	0	0	1	0	0	1	
RAMP F1																								
395	4201+15	25	LT							1														
397	4201+25	40	LT																			1		
399	1055+02	113	RT							1														
401	1055+35	66	RT			1																		
403	1054+75	150	RT								1													
405	4202+00	65	RT								1													
SUBTOTAL RAMP F1				0	0	1	0	0	0	2	2	0	0	0	0	0	0	0	0	1	0	1	0	
RAMP J																								
518	4310+50	53	LT								1													
520	4309+17	86	LT				1																	
552	4311+00	33	RT																			1		
SUBTOTAL RAMP J				0	0	0	1	0	0	0	1	0	0	0	0	1	0	0	0	0	0	0	0	0
RAMP K																								
522	4401+25.3	45	LT								1													
554	4401+50	39	RT																			1		
SUBTOTAL RAMP K				0	0	0	0	0	0	0	1	0	0	0	0	1	0	0	0	0	0	0	0	0
WESTERN AV / DIXIE HWY																								
700	5999+11.7	12	RT								1													
702	5999+11.7	22.3	RT			1																		
704	5999+00	22.1	RT																			1		
706	5999+11.7	22.6	LT			1																		
708	5999+00	22.2	LT																			1		
710	6000+00	13.5	RT							1														
712	6000+00	23.5	RT			1																		
714	6000+00	25	LT			1																		



USER NAME =	DESIGNED - JRS	REVISED - JRS 12/01/2011
	DRAWN - MJF	REVISED - JRS 02/15/2012
PLOT SCALE =	CHECKED - APS	REVISED - JRS 05/04/2012
PLOT DATE	DATE - 7/22/2011	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**147TH STREET PROJECT  
DRAINAGE AND UTILITY SCHEDULE**

SCALE: N/A SHEET NO. 4 OF 12 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	(0405-1 & 0506-2) R-1	COOK	577	258
FED. ROAD DIST. NO.			CONTRACT NO. 60M57	
ILLINOIS FED. AID PROJECT				

LOCATION				CATCH BASIN TYPE A 4' DIAMETER TYPE 1 F & OL (EACH)	CATCH BASIN TYPE A 4' DIAMETER TYPE 11 F & G (EACH)	CATCH BASIN TYPE A 4' DIAMETER TYPE 24 F & G (EACH)	CATCH BASIN TYPE A 5' DIAMETER TYPE 1 F & OL (EACH)	MANHOLES TYPE A 4' DIAMETER TYPE 1 F & CL LID (EACH)	MANHOLES TYPE A 4' DIAMETER TYPE 8 GRATE (EACH)	MANHOLES TYPE A 5' DIAMETER TYPE 1 F & CL LID (EACH)	MANHOLES TYPE A 5' DIAMETER TYPE 8 GRATE (EACH)	MANHOLES TYPE A 5' DIAMETER TYPE 24 F & G (EACH)	MANHOLES TYPE A 6' DIAMETER TYPE 1 F & CL LID (EACH)	MANHOLES TYPE A 8' DIAMETER TYPE 1 F & CL LID (EACH)	MANHOLES TYPE A 8' DIAMETER 2 - TYPE 1 F & CL LID (EACH)	INLETS TYPE A			PRC FLARED END SECTION		GRATING CONCRETE END SECTION		
ID NUMBER	STATION	OFFSET (FOOT)															TYPE 8 GRATE (EACH)	TYPE 11 F & G (EACH)	TYPE 24 F & G (EACH)	ROUND		24" (EACH)	30" (EACH)
																				24" (EACH)	30" (EACH)		
716	6001+50	16	RT							1													
718	6001+44.2	77.2	RT		1																		
720	6001+66.4	82.2	RT															1					
722	6001+50	28.6	LT			1																	
724	6002+30	17.5	RT							1													
726	6002+30	27.3	RT			1																	
728	6002+21.7	27.2	RT																		1		
730	6002+60	27.8	RT																		1		
732	6002+30	30.6	LT			1																	
734	6002+21.7	30.4	LT																		1		
736	6004+20	20.5	RT							1													
738	6004+20	30.5	RT			1																	
740	6004+20	35.3	LT			1																	
742	6005+00	22	RT							1													
744	6004+82.8	64	RT		1																		
746	6005+22.1	72.8	RT															1					
748	6005+06.7	92.3	LT		1																		
750	6005+65.7	78.8	LT															1					
752	6006+10	22	RT							1													
754	6006+10	33	RT			1																	
756	6006+01	33	RT																		1		
758	6006+10	39	LT			1																	
760	6006+01	39	LT																		1		
762	6006+80	22	RT							1													
764	6006+80	34	RT			1																	
766	6006+70	33.5	RT																		1		
768	6006+80	39	LT			1																	
770	6006+70	39	LT																		1		
772	6009+20.9	22	RT							1													
774	6009+20.9	44	RT			1																	
776	6009+10	44	RT																		1		
778	6009+20.9	11	LT		1																		
780	6009+10	11	LT															1					
782	6009+20.9	39	LT			1																	
784	6009+10	39	LT																		1		
786	6010+40	22	RT							1													
788	6010+40	11	LT		1																		
790	6010+40	39.2	LT		1																		
792	6010+50	39.7	LT																		1		
794	6010+40	44	RT									1											
796	6010+50	44	RT			1																	
798	6010+40	115	RT												1								
800	5999+11.7	49	LT													1							
900	6013+40	22	RT					1															
902	6013+40	43.2	RT			1																	
904	6013+30	46	RT																		1		
906	6013+40	5	RT		1																		
908	6013+40	50.2	LT																		1		
910	6014+30	22	RT					1															
912	6014+10	33.1	RT			1																	
914	6014+30	50	LT			1																	
916	6014+40	50	LT																		1		
918	6014+80	22	RT							1													
920	6014+80	33	RT			1																	
922	6014+80	5	RT		1																		
924	6014+80	50	LT			1																	
926	6014+90	50	LT																		1		
928	6015+85	22	RT							1													
930	6015+85	33	RT			1																	
932	6015+74.8	33	RT																		1		
934	6015+85	1.4	LT			1																	
936	6015+74.8	0.6	LT																		1		
938	6015+85	49	LT			1																	
940	6015+74.8	49.7	LT																		1		
942	6017+50	22	RT							1													
944	6017+50	33	RT			1																	
946	6017+50	39	LT			1																	
948	6017+60	39	LT																		1		

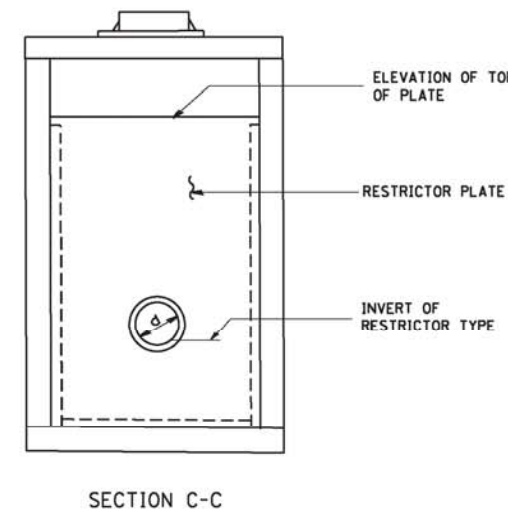
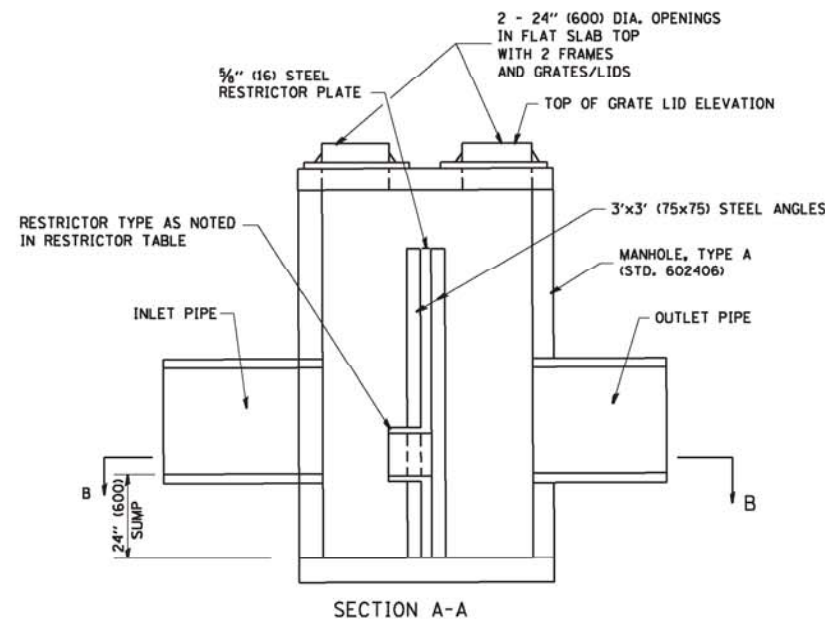
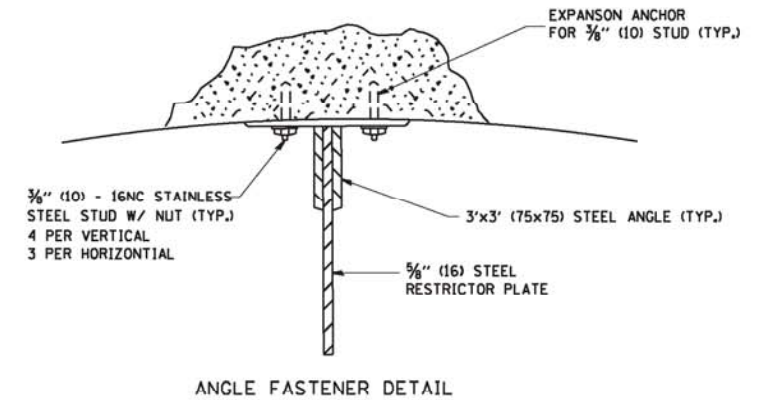
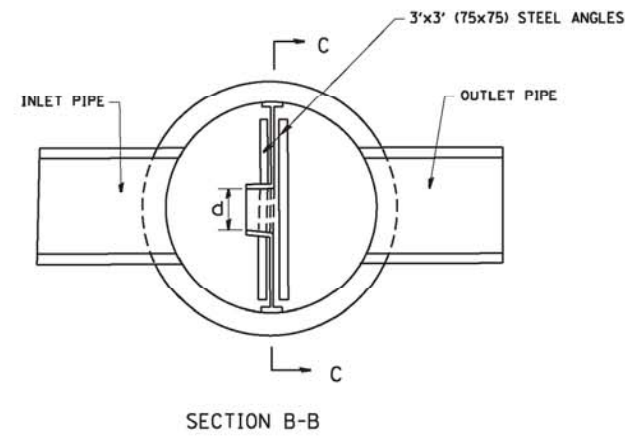
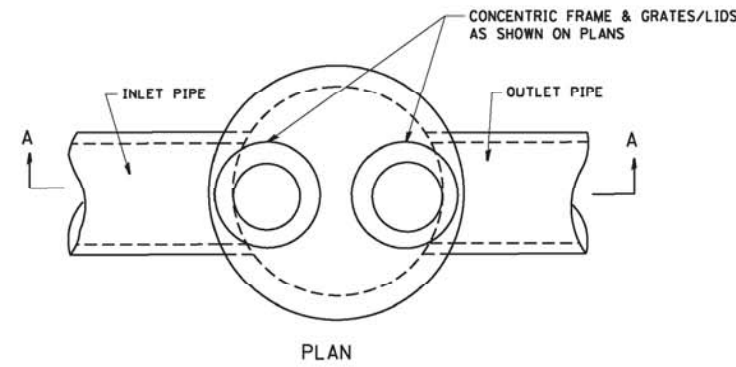


USER NAME =	DESIGNED - JRS	REVISED - JRS 12/01/2011
PLOT SCALE =	DRAWN - MJF	REVISED - JRS 02/15/2012
PLOT DATE =	CHECKED - APS	REVISED - JRS 05/04/2012
	DATE - 7/22/2011	REVISED -

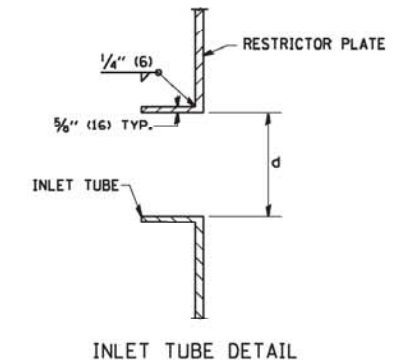
**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

<b>147TH STREET PROJECT DRAINAGE AND UTILITY SCHEDULE</b>		
SCALE: N/A	SHEET NO. 5 OF 12 SHEETS	STA. TO STA.

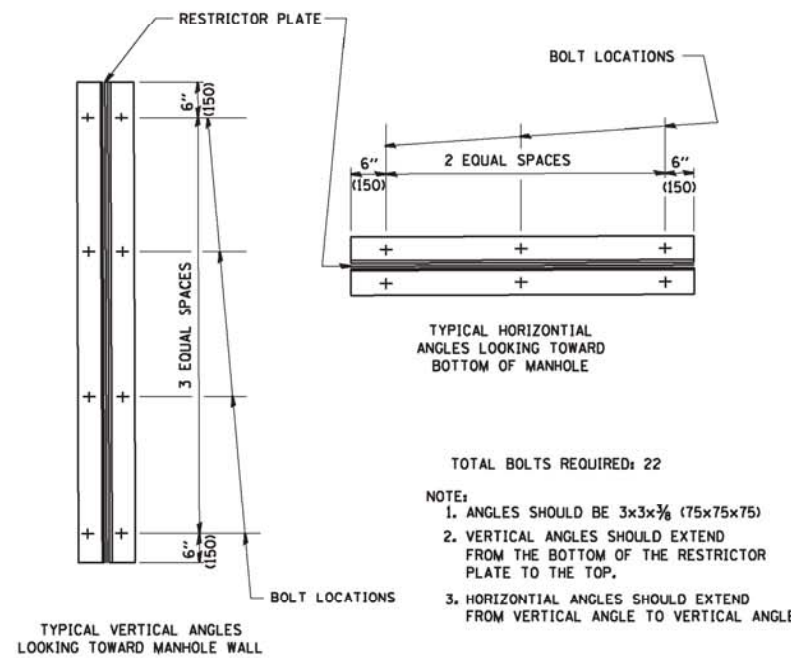
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	(0405-1 & 0506-2) R-1	COOK	577	259
FED. ROAD DIST. NO.			ILLINOIS FED. AID PROJECT	CONTRACT NO. 60M57



- NOTES:
1. ALL STEEL ANGLES AND PLATES TO BE GALVANIZED AFTER FABRICATION.
  2. ALL RESTRICTOR PLATES, ANGLES AND HARDWARE TO BE INCLUDED IN THE COST OF THE MANHOLE.
  3. BASIS OF PAYMENT: "MANHOLES, TYPE A, 6 FT. (1.8 m) DIAMETER, TYPE 1 FRAME, CLOSED LID, RESTRICTOR PLATE" EACH



STATION	MANHOLE DIAMETER	FRAME AND GRATE	RESTRICTOR TYPE	INSIDE RESTRICTOR TYPE DIAMETER in. (mm) (d)	INVERT OF RESTRICTOR TYPE	ELEVATION OF TOP OF PLATE OVERFLOW
1007+35 RT	8	T1F CL	3	12	600.80	603.93
1058+35 RT	8	T1F CL	3	21	590.26	597.00
1060+93.5 LT	8	T1F CL	3	18	594.00	598.75
1076+50 RT	8	T1F CL	3	15	594.70	599.50
6010+40 RT	8	T1F CL	3	12	595.49	599.50
6026+40 LT	8	T1F CL	3	15	595.44	598.60



RESTRICTOR TYPE					
1	2	3	4	5	6
RE-ENTRANT TUBE	SHARP EDGED	SQUARE EDGED	RE-ENTRANT TUBE	SQUARE EDGED	ROUNDED
LENGTH: 1/2 TO 1 DIA.		STREAM CLEARS SIDES	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					

- NOTE:
1. ALL LABOR, MATERIALS AND EQUIPMENT REQUIRED TO INSTALL THE RESTRICTOR AND RESTRICTOR PLATE WILL NOT BE PAID FOR SEPARATELY, BUT SHALL BE CONSIDERED AS INCLUDED IN THE CONTRACT UNIT PRICE EACH FOR MANHOLES, TYPE A, 8'-DIAMETER, 2-TYPE 1 FRAMES, CLOSED LIDS (SPECIAL).

ALL DIMENSIONS ARE IN INCHES (MILLIMETERS) UNLESS OTHERWISE SHOWN.

FILE NAME = W:\diststd\22x34\bd12.dgn

USER NAME = geglianobt

PLOT SCALE = 50,000' / IN.

PLOT DATE = 1/4/2008

DESIGNED - R. SHAH

DRAWN -

CHECKED -

DATE - 09-09-94

REVISED - R. SHAH 10-25-94

REVISED - E. GOMEZ 08-28-00

REVISED - M. GOMEZ 01-08-01

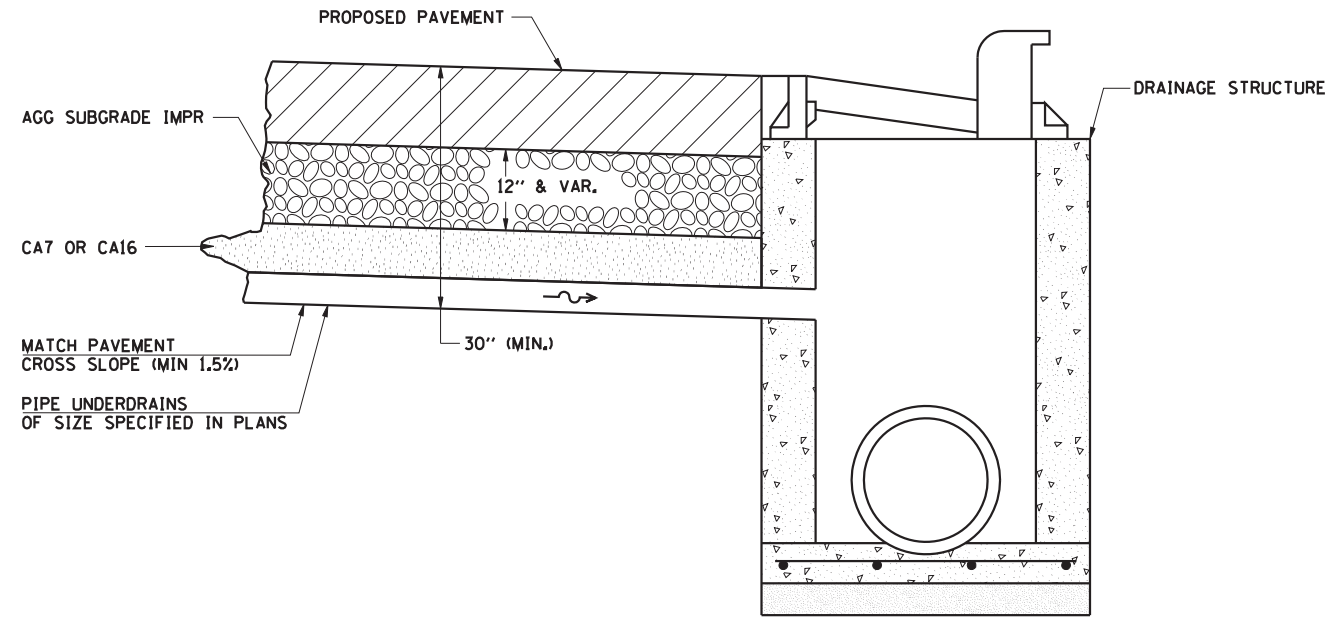
REVISED -

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

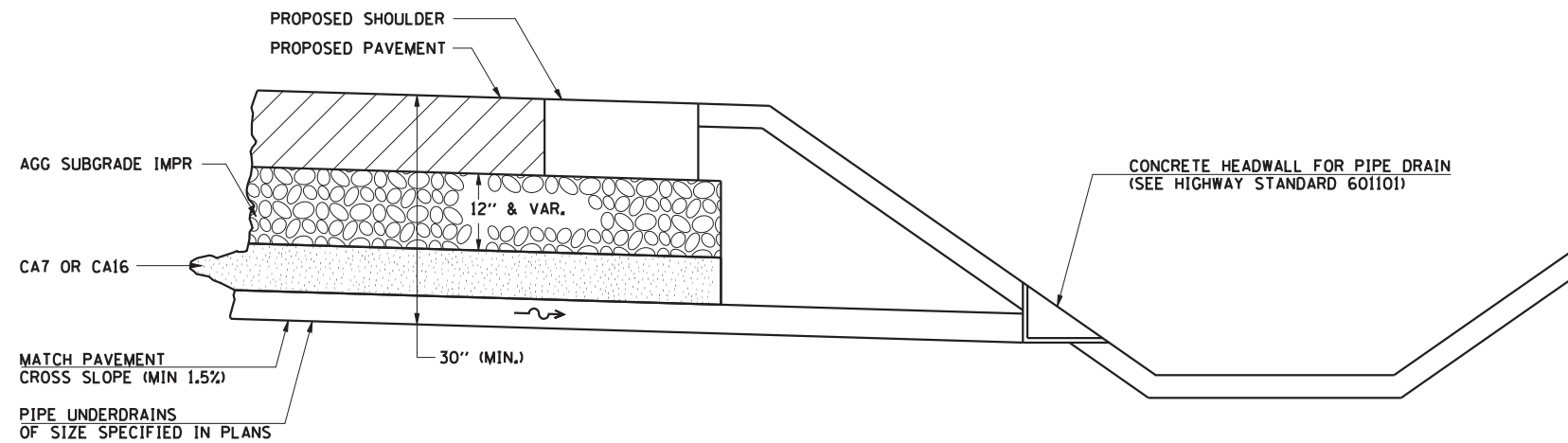
MANHOLE WITH  
RESTRICTOR PLATE

SCALE: NONE SHEET NO. 1 OF 1 SHEETS STA. TO STA.

F.A. RTE. 57	SECTION (0405-1 & 0506-2) R-1	COUNTY COOK	TOTAL SHEETS 577	SHEET NO. 260
BD600-04 (BD-12)		CONTRACT NO. 60M57		
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				



**TRANSVERSE PIPE UNDERDRAINS  
WITH OUTLET TO DRAINAGE STRUCTURE**

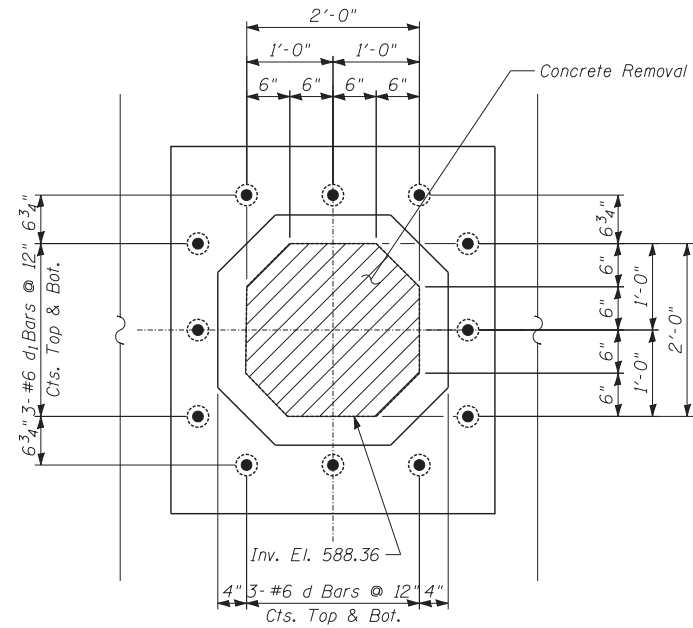
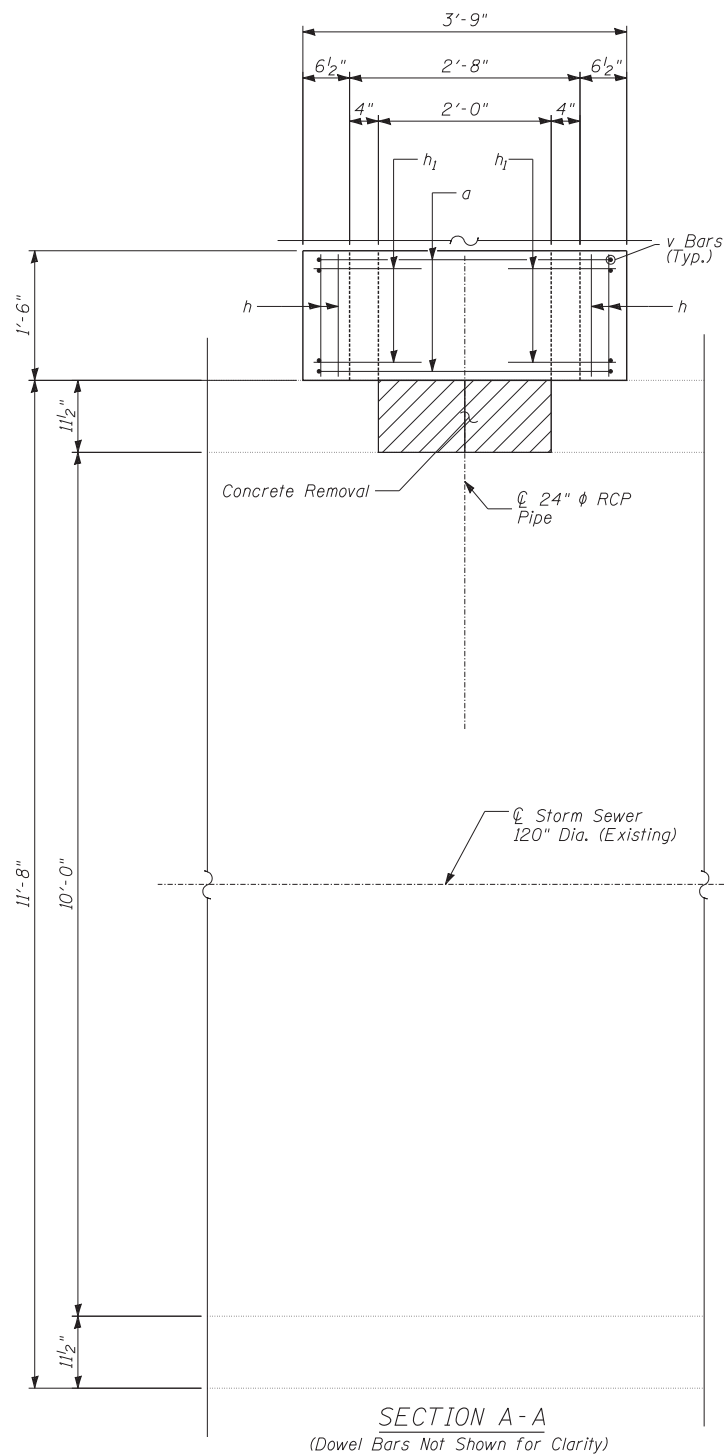


**TRANSVERSE PIPE UNDERDRAINS  
WITH OUTLET TO DITCH SECTION**

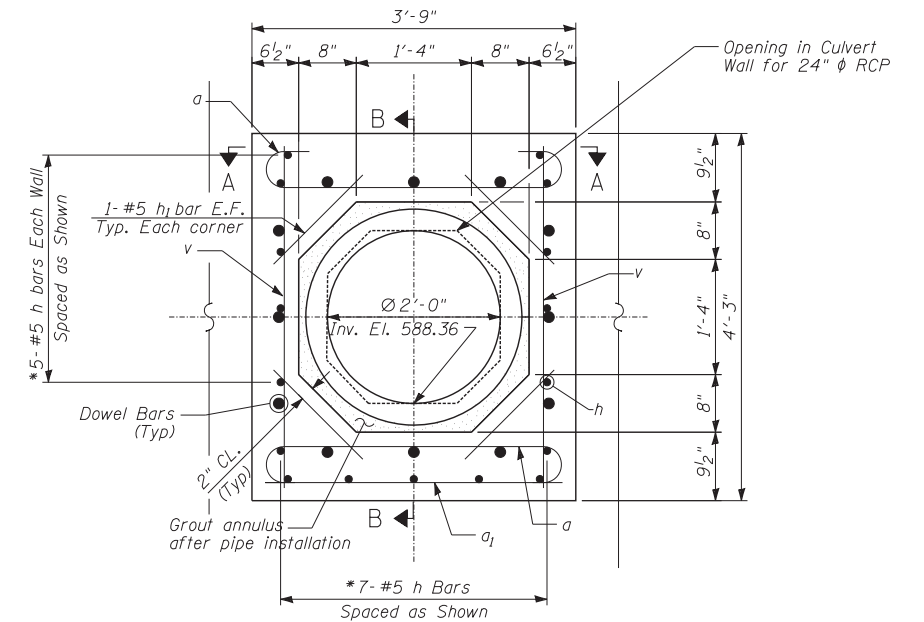
- NOTES:**
1. PIPE UNDERDRAIN INSTALLATION SHALL OCCUR AFTER PLACEMENT OF THE AGGREGATE SUBGRADE IMPROVEMENT.
  2. SEE DRAINAGE PLAN AND PROFILES AND UNDERDRAIN SCHEDULE FOR SIZES AND LOCATIONS OF PIPE UNDERDRAINS AND CONCRETE HEADWALL FOR PIPE DRAINS.
  3. THIS WORK SHALL BE COMPLETED ACCORDING TO SECTION 601 OF THE STANDARD SPECIFICATIONS.
  4. THIS WORK WILL BE PAID FOR AT THE CONTRACT UNIT PRICE PER FOOT FOR PIPE UNDERDRAINS OF THE DIAMETER SPECIFIED WHICH PRICE SHALL INCLUDE THE CA7 OR CA16 AND THE CONNECTION TO THE DRAINAGE STRUCTURE.

USER NAME =	DESIGNED - JRS	REVISED - JRS 12/01/2011
	DRAWN - MJF	REVISED - JRS 02/15/2012
PLOT SCALE =	CHECKED - APS	REVISED - JRS 05/04/2012
PLOT DATE =	DATE - 7/22/2011	REVISED -

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	(0405-1 & 0506-2) R-1	COOK	577	261
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT			CONTRACT NO. 60M57	



CONCRETE REMOVAL & DOWEL BAR LAYOUT - ELEVATION



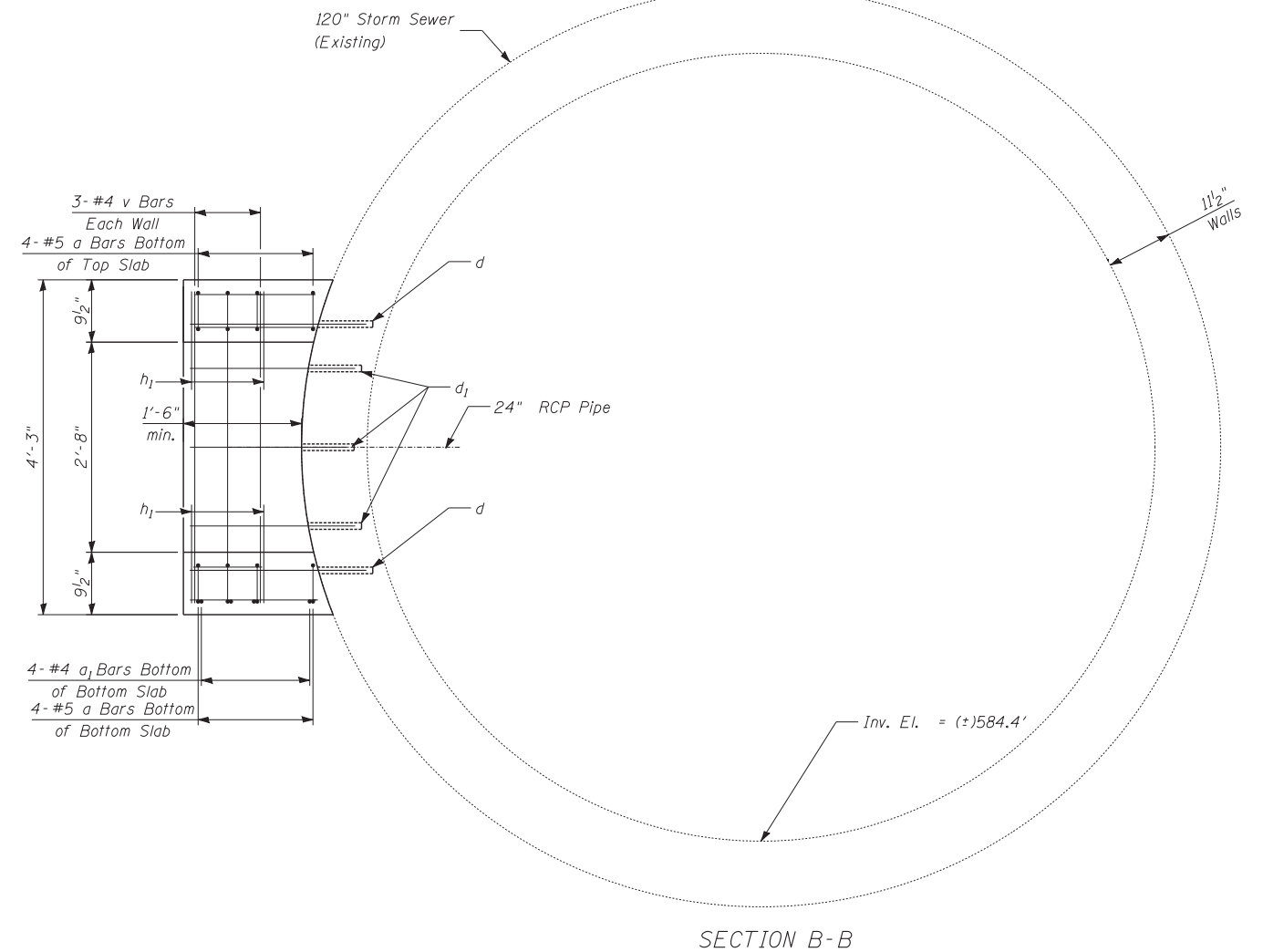
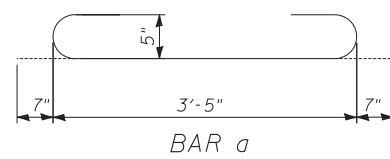
COLLAR DETAIL - ELEVATION

\* Cut Bars to Fit Radius.

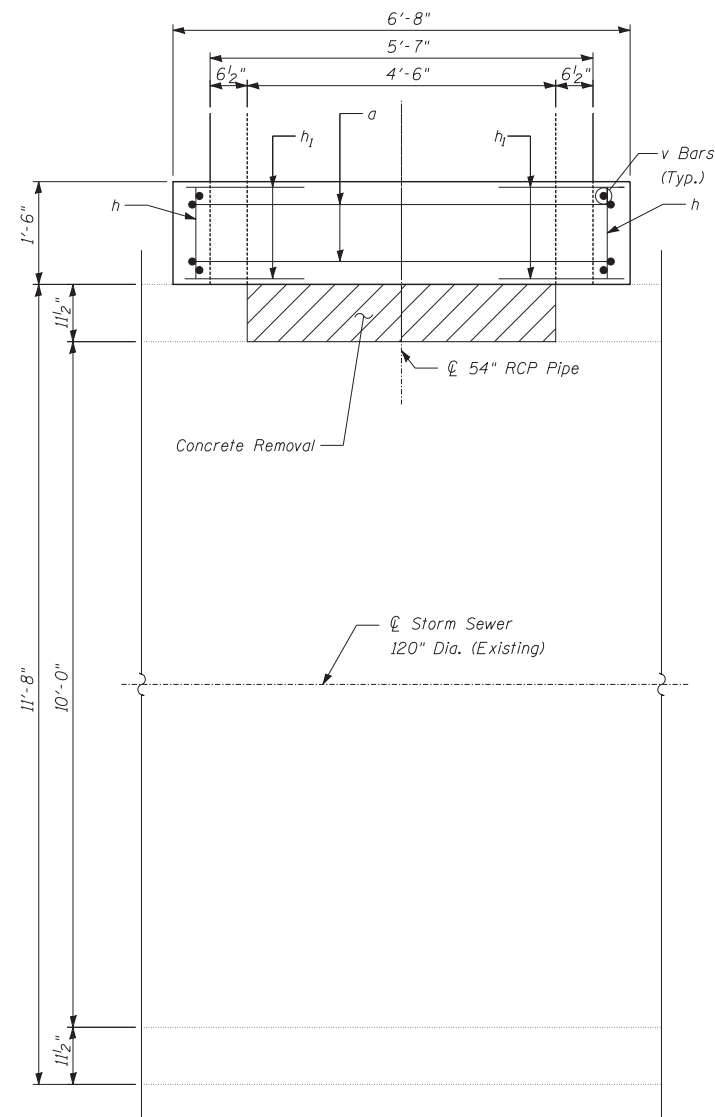
**BILL OF MATERIAL**

Bar	Number	Size	Length	Shape	
a	8	#5	4'-7"		
a1	4	#4	3'-5"		
h	17	#5	1'-6"		
h1	8	#5	2'-2"		
v	6	#5	4'-6"		
d	6	#6	2'-4"		
d1	6	#4	2'-1"		
Proposed Storm Sewer Connection To Existing Storm Sewer				EACH	1

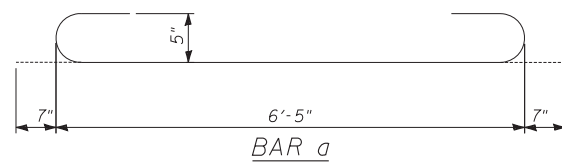
**NOTES:**  
 Drill and epoxy grout d & d<sub>1</sub> bars according to Article 584 of the Standard Specifications.  
 The volume of concrete removal is 0.2 cu. yd.  
 The volume of concrete for the pipe collar is 0.7 cu. yd.



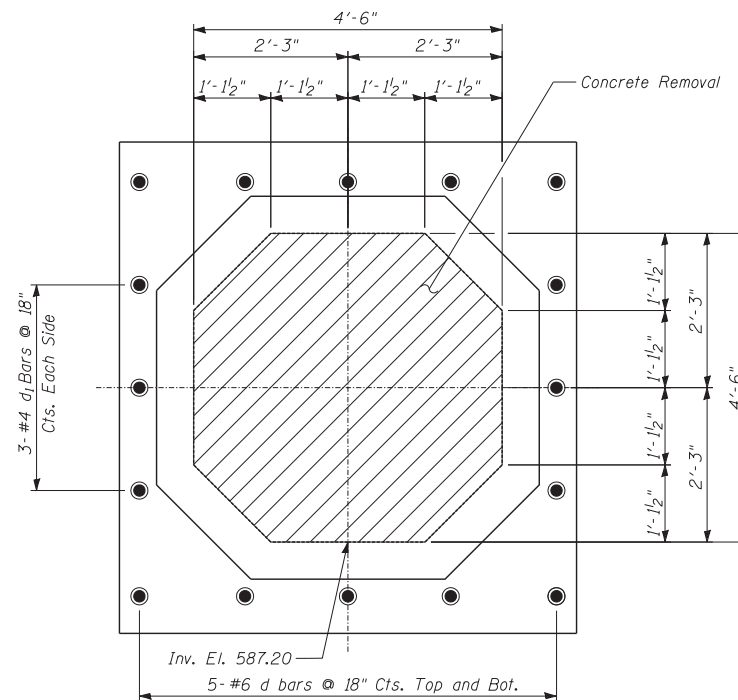
SECTION B-B



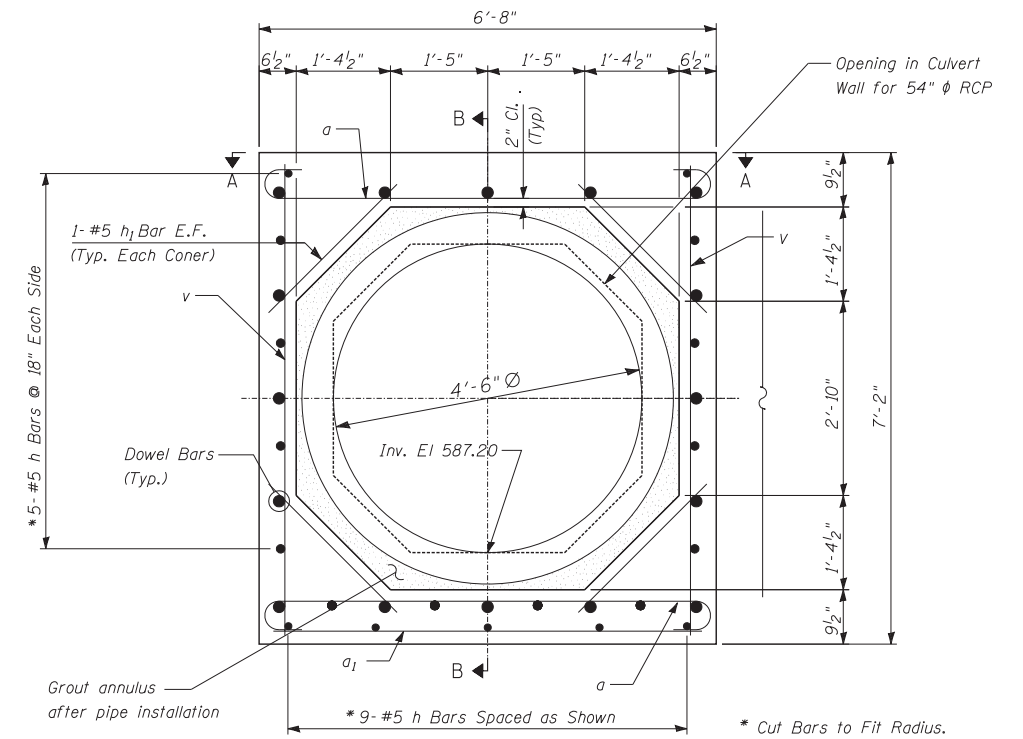
SECTION A-A  
(Dowel Bars Not Shown for Clarity)



BAR a



CONCRETE REMOVAL & DOWEL BAR  
LAYOUT - ELEVATION



COLLAR DETAIL - ELEVATION

BILL OF MATERIAL

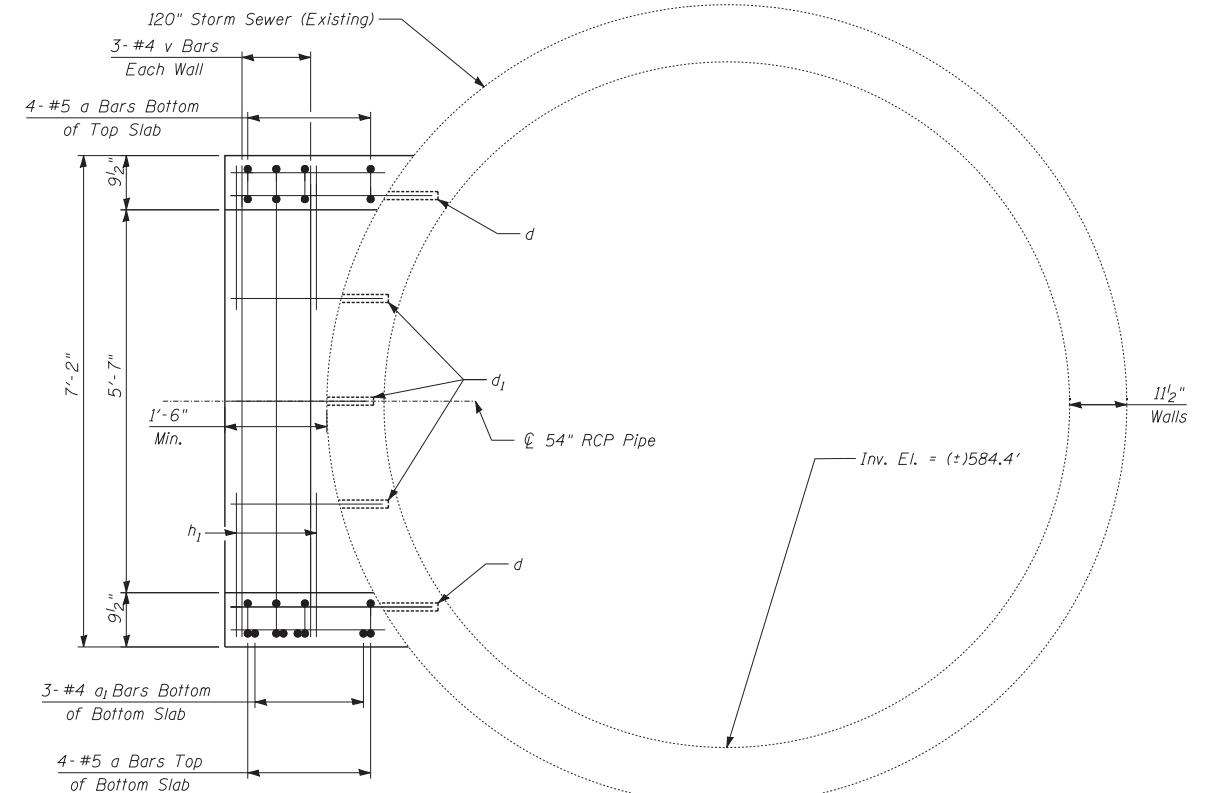
Bar	Number	Size	Length	Shape	
a	8	#5	7'-7"		
a1	4	#4	6'-4"		
h	19	#5	2'-1"		
h1	8	#5	3'-2"		
v	6	#5	6'-10"		
d	10	#6	2'-11"		
d1	6	#4	2'-1"		
Proposed Storm Sewer Connection To Existing Storm Sewer				EACH	1

NOTES:

Drill and epoxy grout d & d1 bars according to Article 584 of the Standard Specifications.

The volume of concrete removal is 0.7 cu. yd.

The volume of concrete for the pipe collar is 1.9 cu. yd.



SECTION B-B

TYLIN INTERNATIONAL

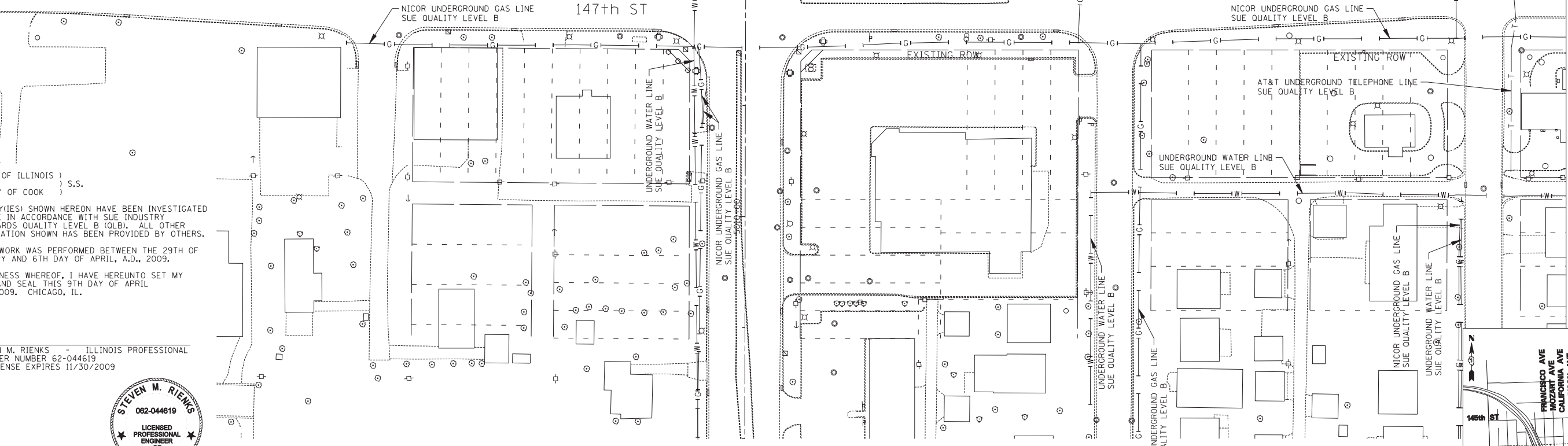
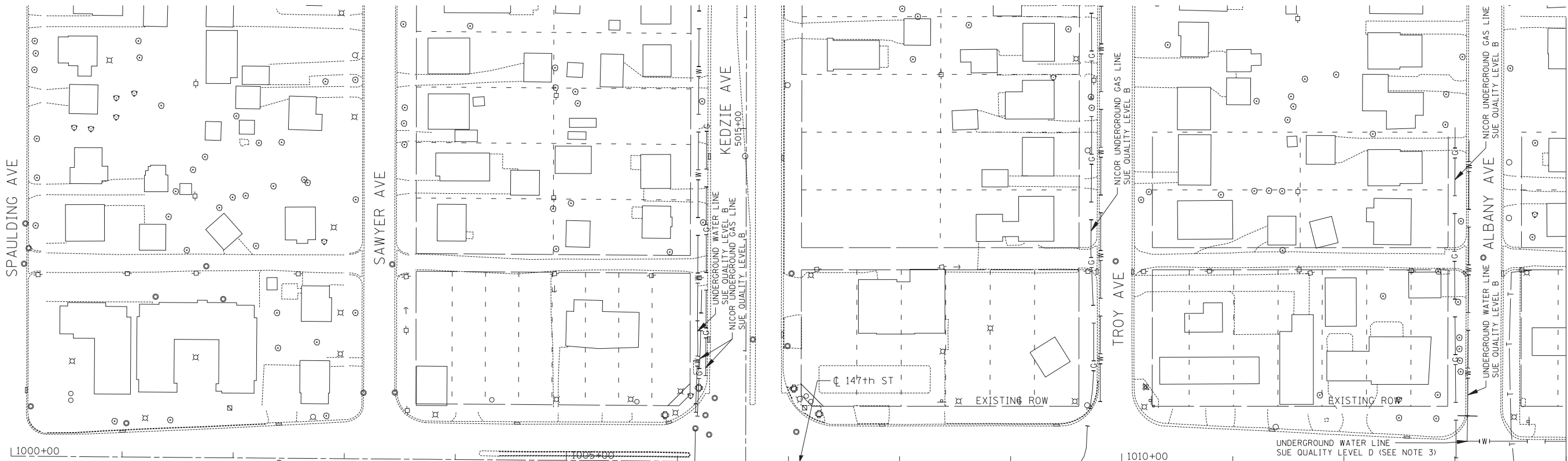
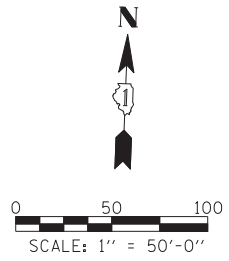
USER NAME =	DESIGNED -	REVISED -
PLOT SCALE =	DRAWN -	REVISED -
PLOT DATE =	CHECKED -	REVISED -
	DATE - 5/23/2012	REVISED -

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

147TH STREET PROJECT  
PROPOSED 54" STORM SEWER CONNECTION  
TO EXISTING STORM SEWER

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

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
XX	(0405-1 & 0506-2) R-1	COOK	577	263
FED. ROAD DIST. NO.			ILLINOIS FED. AID PROJECT	
			CONTRACT NO. 60M57	



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 29TH OF JANUARY AND 6TH DAY OF APRIL, A.D., 2009.

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



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 Illinois Professional Design Firm No. 184-003192

— T —	EXISTING UNDERGROUND TELEPHONE	— G+ —	EXISTING UNDERGROUND GAS
— W —	EXISTING UNDERGROUND WATER	— CTV —	EXISTING UNDERGROUND CABLE TV
— E —	EXISTING UNDERGROUND ELECTRIC	— FO —	EXISTING UNDERGROUND FIBER OPTIC

- NOTES:**
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MATCHLINE STA. 1014+00 - SEE SHEET 14

p:\6205\057-29\1\road\p18\_147\147th\_SUE\17294\_UTL.plm\h16.dgn 5/22/2012

APPROVED \_\_\_\_\_ DATE \_\_\_\_\_  
 CHIEF ENGINEER

**TYLIN** INTERNATIONAL



THE ILLINOIS STATE TOLL HIGHWAY AUTHORITY  
 2700 OGDEN AVENUE  
 DOWNERS GROVE, ILLINOIS 60515

REVISIONS		
NO.	DATE	DESCRIPTION

STA. 1000+00 TO STA. 1014+00  
 I-294 AT I-57 INTERCHANGE  
 SUBSURFACE UTILITY LOCATIONS

DRAWING NO.  
 13 OF 18



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

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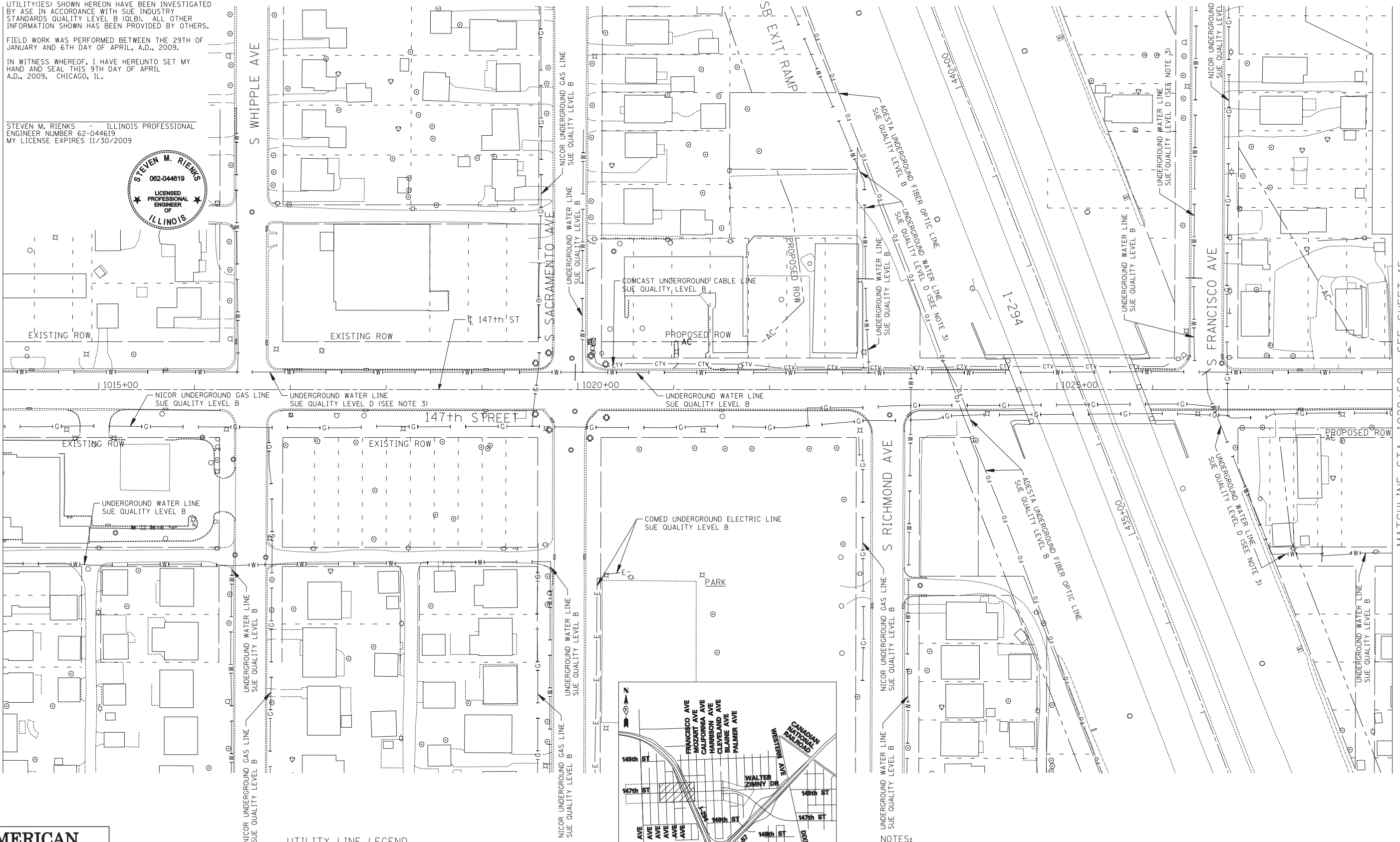
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STEVEN M. RIENKS - ILLINOIS PROFESSIONAL ENGINEER NUMBER 62-044619 MY LICENSE EXPIRES 11/30/2009



MATCHLINE STA. 1014+00 - SEE SHEET 13



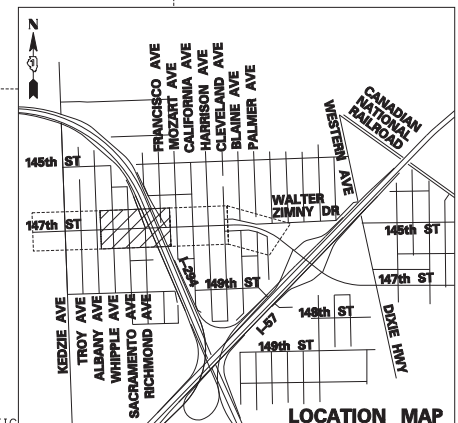
MATCHLINE STA. 1028+50 - SEE SHEET 15



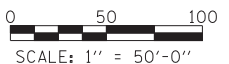
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 Illinois Professional Design Firm No. 184-003192

**UTILITY LINE LEGEND**

— T —	EXISTING UNDERGROUND TELEPHONE	— G —	EXISTING UNDERGROUND GAS
— W —	EXISTING UNDERGROUND WATER	— CTV —	EXISTING UNDERGROUND CABLE TV
— E —	EXISTING UNDERGROUND ELECTRIC	— FO —	EXISTING UNDERGROUND FIBER OPTIC



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APPROVED \_\_\_\_\_ DATE \_\_\_\_\_  
 CHIEF ENGINEER

**TYLIN** INTERNATIONAL



THE ILLINOIS STATE TOLL HIGHWAY AUTHORITY  
 2700 OGDEN AVENUE  
 DOWNERS GROVE, ILLINOIS 60515

REVISIONS			STA. 1014+00 TO STA. 1028+50	DRAWING NO.
NO.	DATE	DESCRIPTION		
			I-294 AT I-57 INTERCHANGE SUBSURFACE UTILITY LOCATIONS	14 OF 18

MATCHLINE STA. 1028+50 - SEE SHEET 14

MATCHLINE STA. 1040+50 - SEE SHEET 16



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

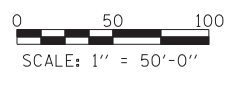


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 Illinois Professional Design Firm No. 184-003192

**UTILITY LINE LEGEND**

	EXISTING UNDERGROUND TELEPHONE		EXISTING UNDERGROUND GAS
	EXISTING UNDERGROUND WATER		EXISTING UNDERGROUND CABLE TV
	EXISTING UNDERGROUND ELECTRIC		EXISTING UNDERGROUND FIBER OPTIC

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APPROVED \_\_\_\_\_ DATE \_\_\_\_\_  
 CHIEF ENGINEER

**TYLIN** INTERNATIONAL

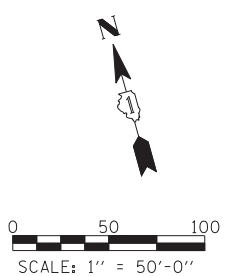
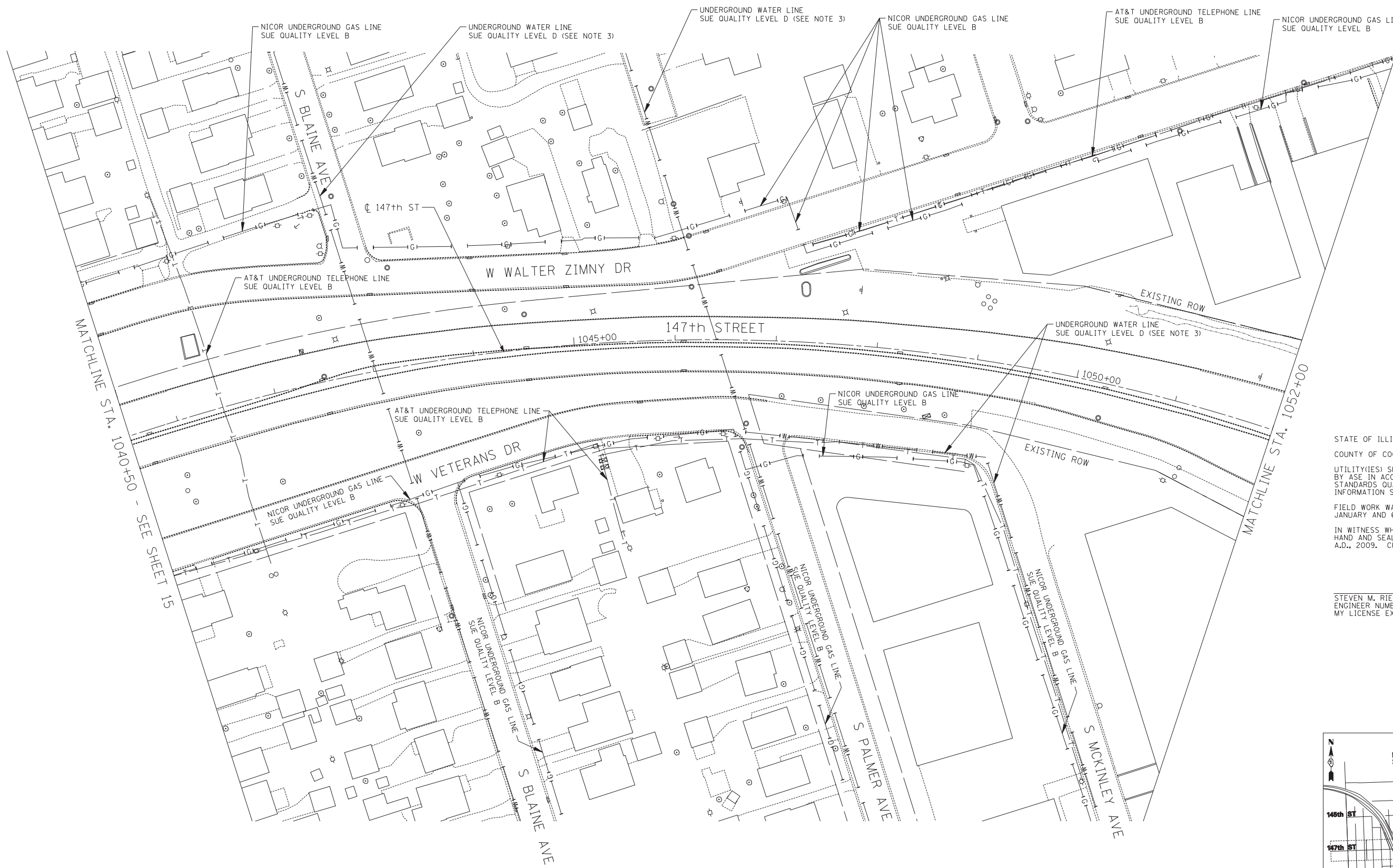


THE ILLINOIS STATE TOLL HIGHWAY AUTHORITY  
 2700 OGDEN AVENUE  
 DOWNERS GROVE, ILLINOIS 60515

REVISIONS		
NO.	DATE	DESCRIPTION

STA. 1028+50 TO STA. 1040+50  
 I-294 AT I-57 INTERCHANGE  
 SUBSURFACE UTILITY LOCATIONS

DRAWING NO.  
 15 OF 18



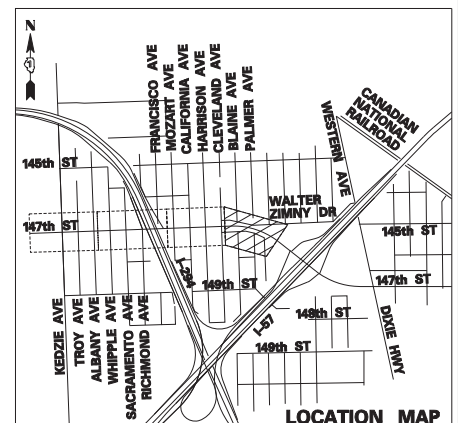
STATE OF ILLINOIS )  
COUNTY OF COOK ) S.S.

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



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Aurora: 630-897-4105 / Fax 630-897-4121  
Illinois Professional Design Firm No. 184-003192

UTILITY LINE LEGEND			
— T —	EXISTING UNDERGROUND TELEPHONE	— G —	EXISTING UNDERGROUND GAS
— W —	EXISTING UNDERGROUND WATER	— CTV —	EXISTING UNDERGROUND CABLE TV
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APPROVED \_\_\_\_\_ DATE \_\_\_\_\_  
CHIEF ENGINEER

**TYLIN INTERNATIONAL**

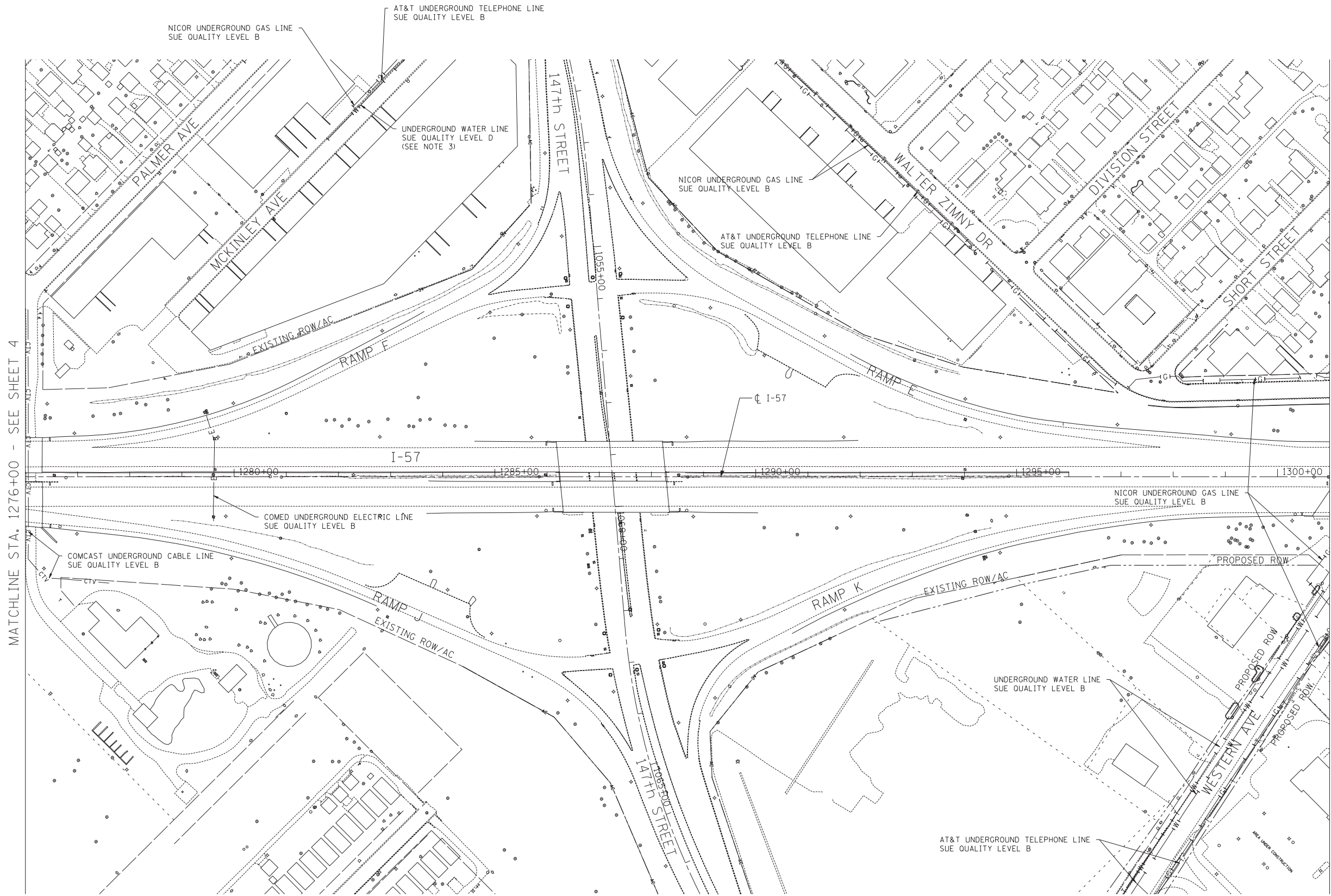
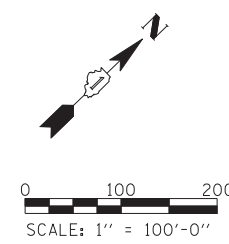


**THE ILLINOIS STATE TOLL HIGHWAY AUTHORITY**  
2700 OGDEN AVENUE  
DOWNERS GROVE, ILLINOIS 60515

REVISIONS		
NO.	DATE	DESCRIPTION

STA. 1040+50 TO STA. 1052+00  
**I-294 AT I-57 INTERCHANGE**  
SUBSURFACE UTILITY LOCATIONS

DRAWING NO.  
**16 OF 18**

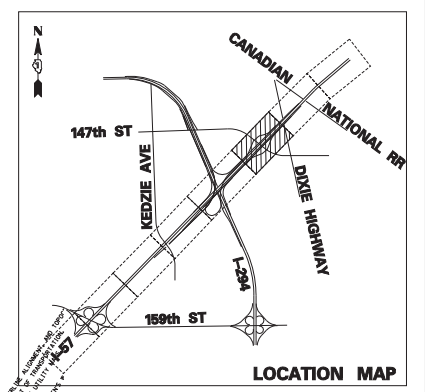


MATCHLINE STA. 1276+00 - SEE SHEET 4

MATCHLINE STA. 1310+00 - SEE SHEET 6

STATE OF ILLINOIS )  
 COUNTY OF COOK ) S.S.  
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STEVEN M. RIENKS - ILLINOIS PROFESSIONAL ENGINEER NUMBER 62-044619  
 MY LICENSE EXPIRES 11/30/2009



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 Illinois Professional Design Firm No. 184-003192

UTILITY LINE LEGEND			
—T—	EXISTING UNDERGROUND TELEPHONE	—G—	EXISTING UNDERGROUND GAS
—W—	EXISTING UNDERGROUND WATER	—CTV—	EXISTING UNDERGROUND CABLE TV
—E—	EXISTING UNDERGROUND ELECTRIC	—FO—	EXISTING UNDERGROUND FIBER OPTIC

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APPROVED \_\_\_\_\_ DATE \_\_\_\_\_  
 CHIEF ENGINEER

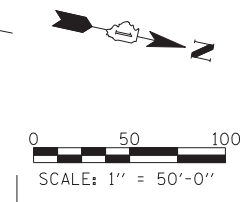
**TYLIN INTERNATIONAL**

**THE ILLINOIS STATE TOLL HIGHWAY AUTHORITY**  
 2700 OGDEN AVENUE  
 DOWNERS GROVE, ILLINOIS 60515

REVISIONS		
NO.	DATE	DESCRIPTION

STA. 1276+00 TO STA. 1301+00  
**I-294 AT I-57 INTERCHANGE**  
 SUBSURFACE UTILITY LOCATIONS

DRAWING NO.  
 5 OF 18



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

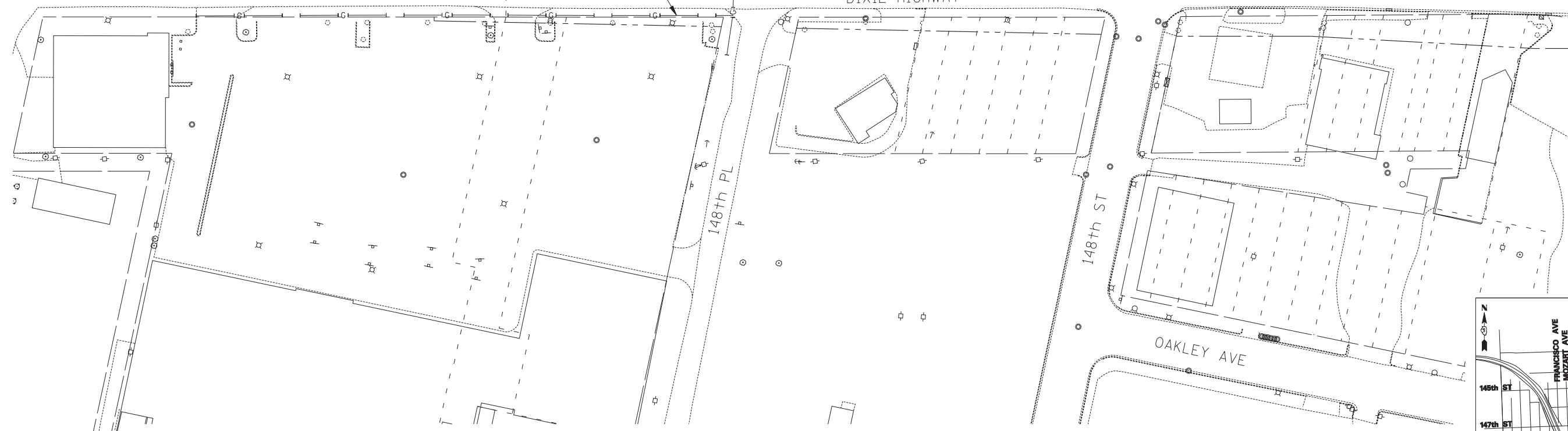
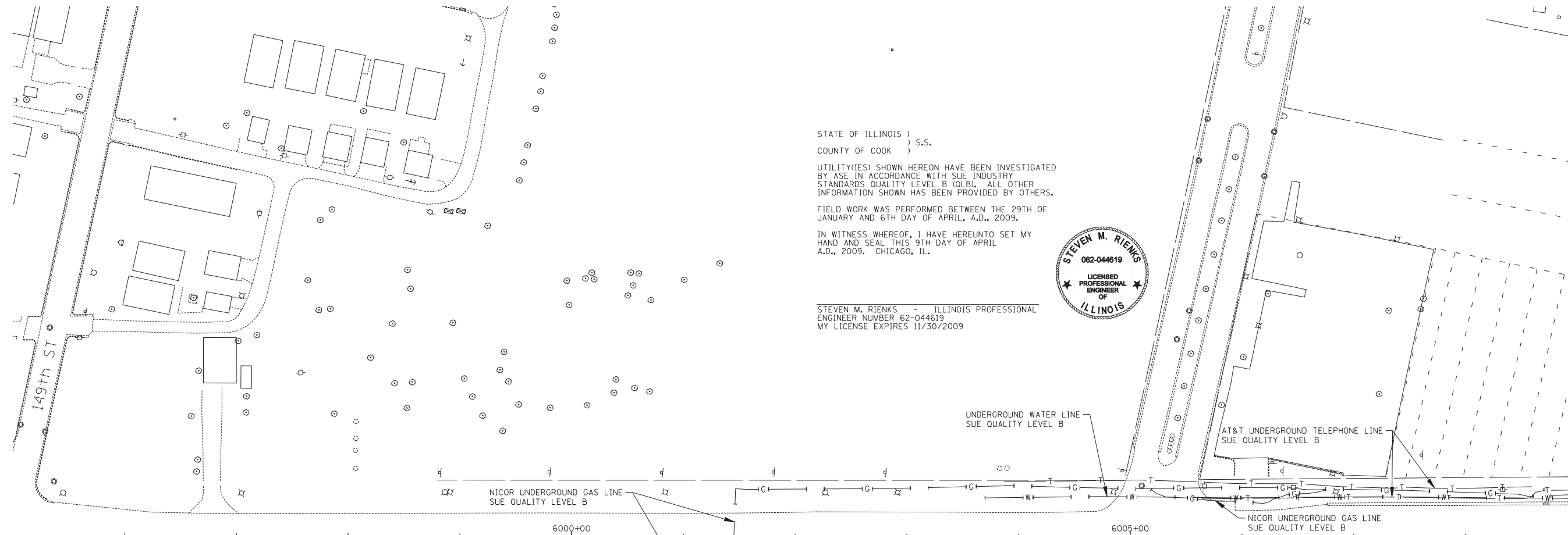
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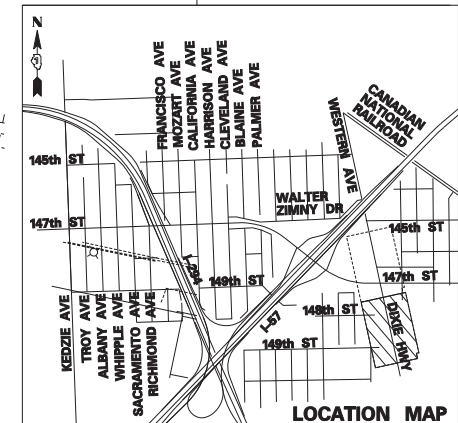
STEVEN M. RIENKS - ILLINOIS PROFESSIONAL ENGINEER NUMBER 62-044619  
 MY LICENSE EXPIRES 11/30/2009



MATCHLINE STA. 6009+00 - SEE SHEET 18

UTILITY LINE LEGEND			
	EXISTING UNDERGROUND TELEPHONE		EXISTING UNDERGROUND GAS
	EXISTING UNDERGROUND WATER		EXISTING UNDERGROUND CABLE TV
	EXISTING UNDERGROUND ELECTRIC		EXISTING UNDERGROUND FIBER OPTIC

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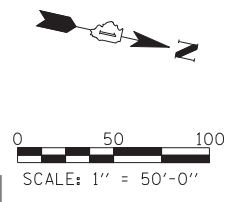
**TYLIN** INTERNATIONAL



**THE ILLINOIS STATE TOLL HIGHWAY AUTHORITY**  
 2700 OGDEN AVENUE  
 DOWNERS GROVE, ILLINOIS 60515

REVISIONS			STA. 5996+00 TO STA. 6009+00	DRAWING NO. 17 OF 18
NO.	DATE	DESCRIPTION		
			I-294 AT I-57 INTERCHANGE SUBSURFACE UTILITY LOCATIONS	

p:\6025\0157-294\road\plb\_147\147th\_SUE\_157294\_UTL.plnah24.dgn 5/22/2012



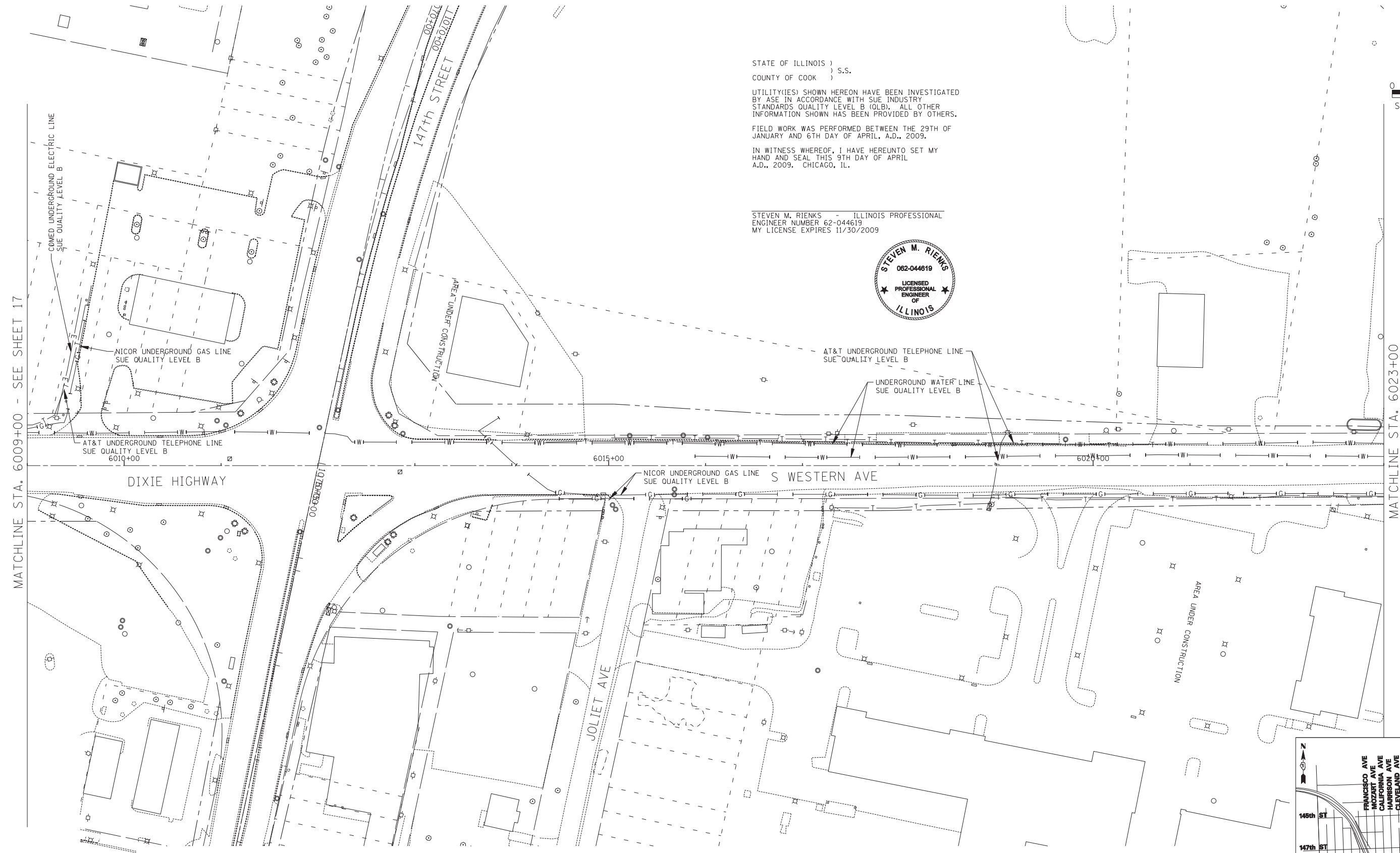
STATE OF ILLINOIS )  
COUNTY OF COOK ) S.S.

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



MATCHLINE STA. 6009+00 - SEE SHEET 17

MATCHLINE STA. 6023+00

DIXIE HIGHWAY

S WESTERN AVE

JOLIET AVE

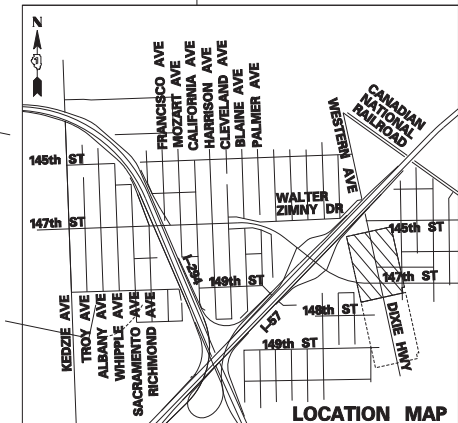
AREA UNDER CONSTRUCTION

**UTILITY LINE LEGEND**

- |     |                                |       |                                  |
|-----|--------------------------------|-------|----------------------------------|
| —T— | EXISTING UNDERGROUND TELEPHONE | —G+—  | EXISTING UNDERGROUND GAS         |
| —W— | EXISTING UNDERGROUND WATER     | —CTV— | EXISTING UNDERGROUND CABLE TV    |
| —E— | EXISTING UNDERGROUND ELECTRIC  | —FO—  | EXISTING UNDERGROUND FIBER OPTIC |

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Illinois Professional Design Firm No. 184-003192

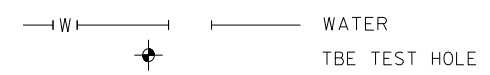
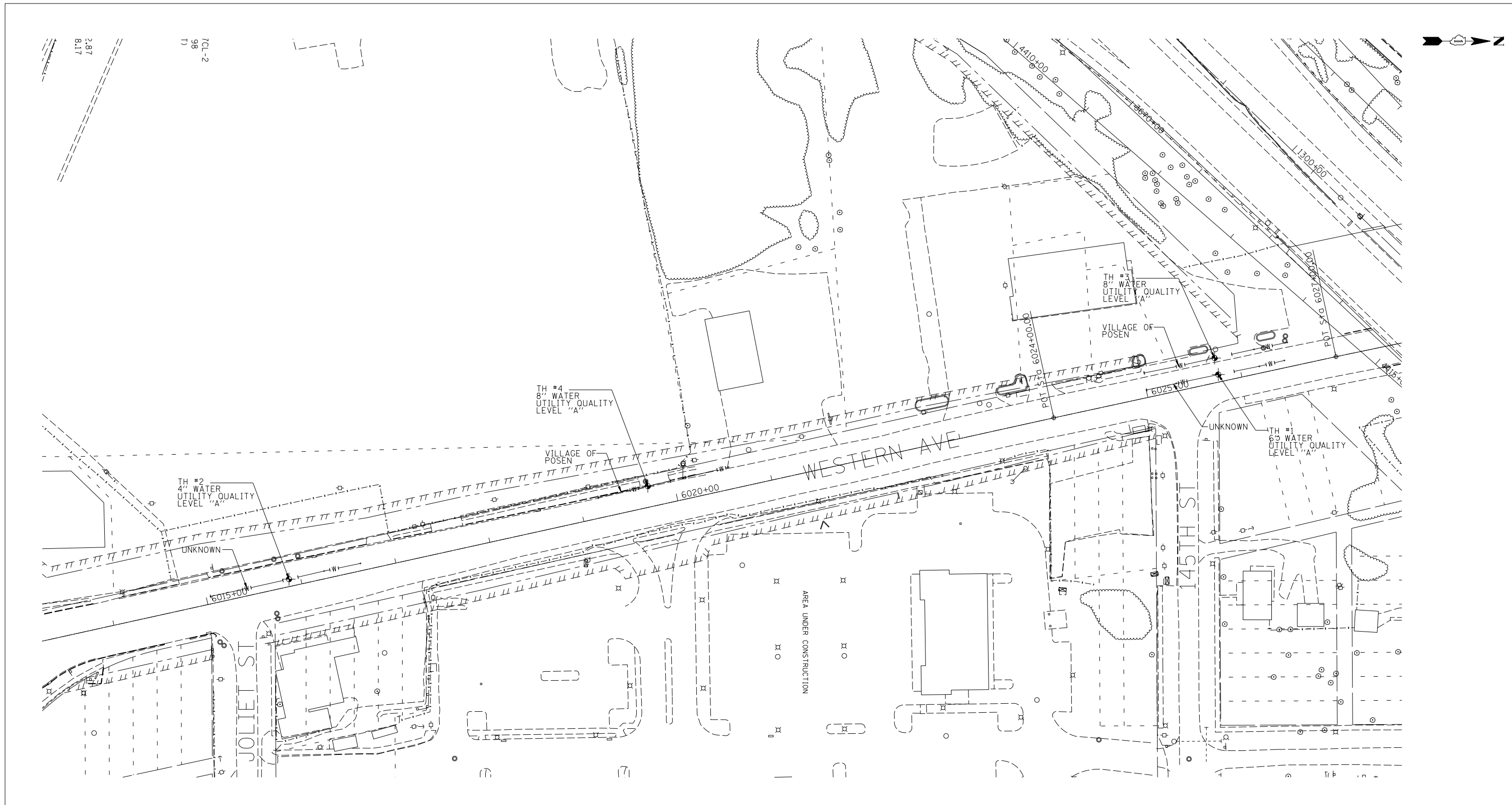
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**TYLIN** INTERNATIONAL



THE ILLINOIS STATE TOLL HIGHWAY AUTHORITY  
2700 OGDEN AVENUE  
DOWNERS GROVE, ILLINOIS 60515

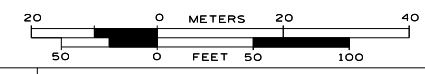
REVISIONS			STA. 6009+00 TO STA. 6023+00	DRAWING NO. 18 OF 18
NO.	DATE	DESCRIPTION		
			I-294 AT I-57 INTERCHANGE SUBSURFACE UTILITY LOCATIONS	



UTILITY OWNERS  
 UNKNOWN = WATER  
 VILLAGE OF POSEN = WATER

Utilities shown on these plans as depicted in the legend have been investigated by Cardno TBE in accordance with SUE Industry Standards. All other information shown has been provided to Cardno TBE by others. Cardno TBE's QL "B" SUE field investigation was performed 3/22/12 through 3/23/12. Changes to utilities after 3/23/12 may have been made and therefore may result in variances from this plan. Consideration should be given to updating this plan if deemed advisable prior to final design and construction.

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



TBE Job No. IL09510477  
 SUE Plan Page: 1 of 1

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

DESIGNED	LP	REVISED	
DRAWN	SRC	REVISED	
CHECKED	KFS	REVISED	
DATE	4/09/12	REVISED	

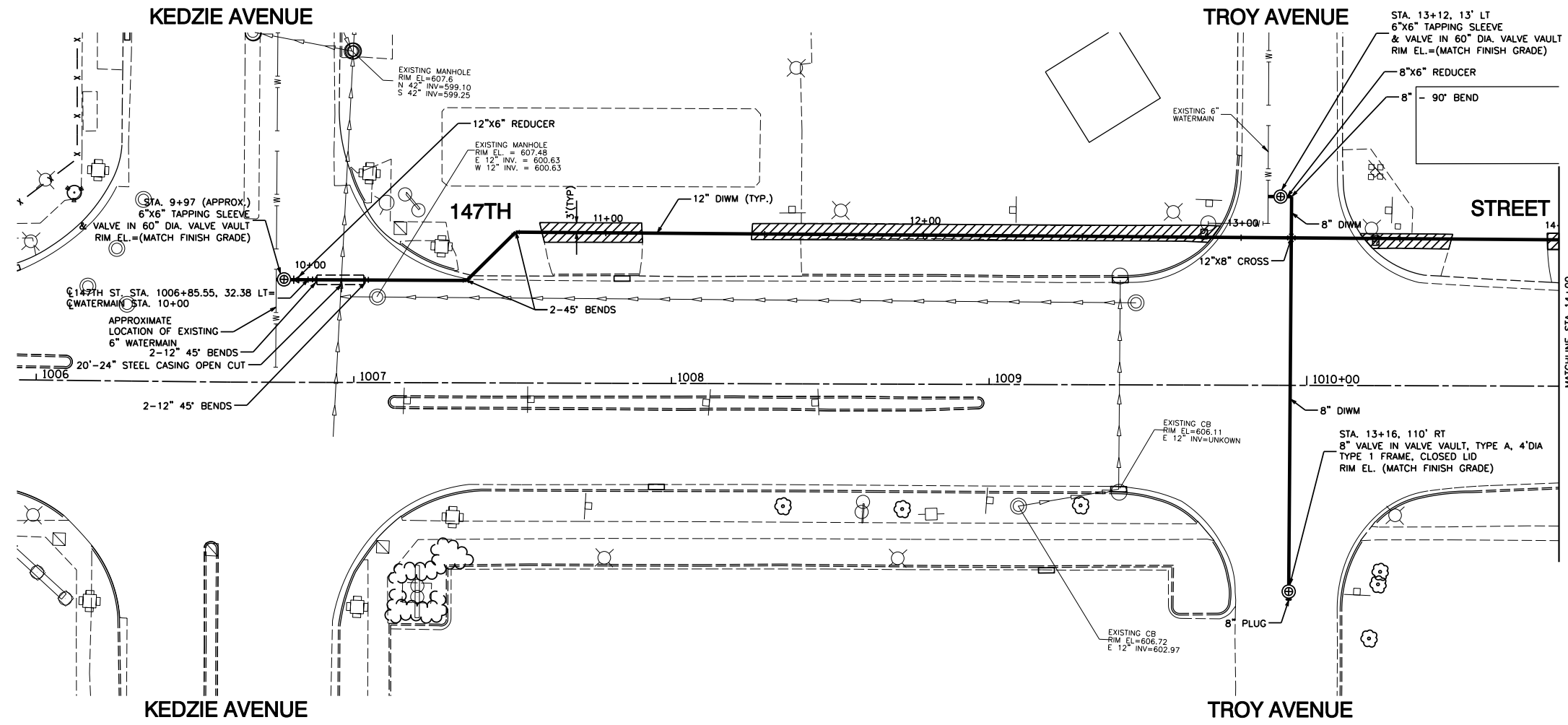
STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION

IL RT. 83/147th from Kedzie Ave. to Western Ave.  
 Posen, IL

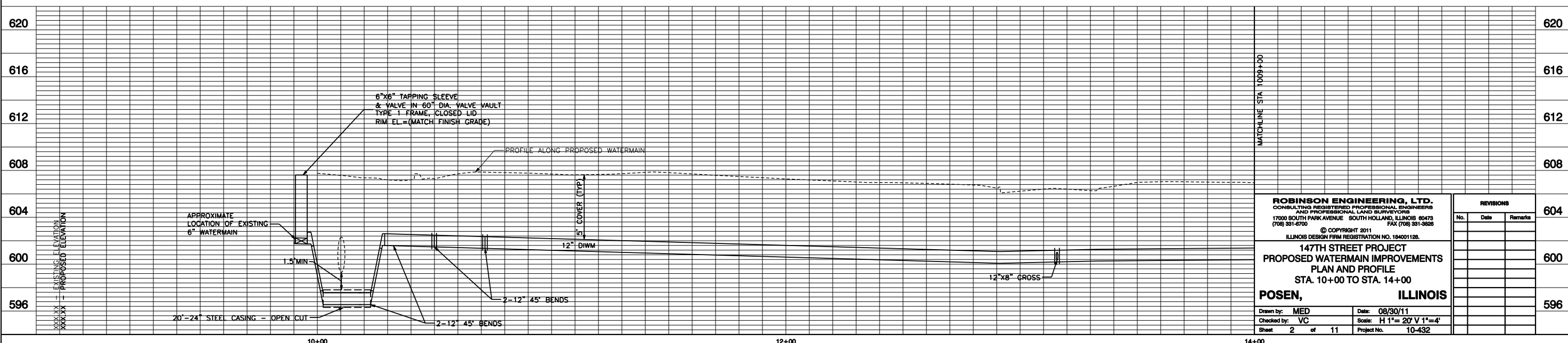
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	(0405-1 & 0506-2) R-1	Cook	577	271
FED. ROAD DIST. NO.			ILLINOIS IDOT Project No.	







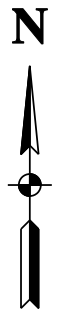
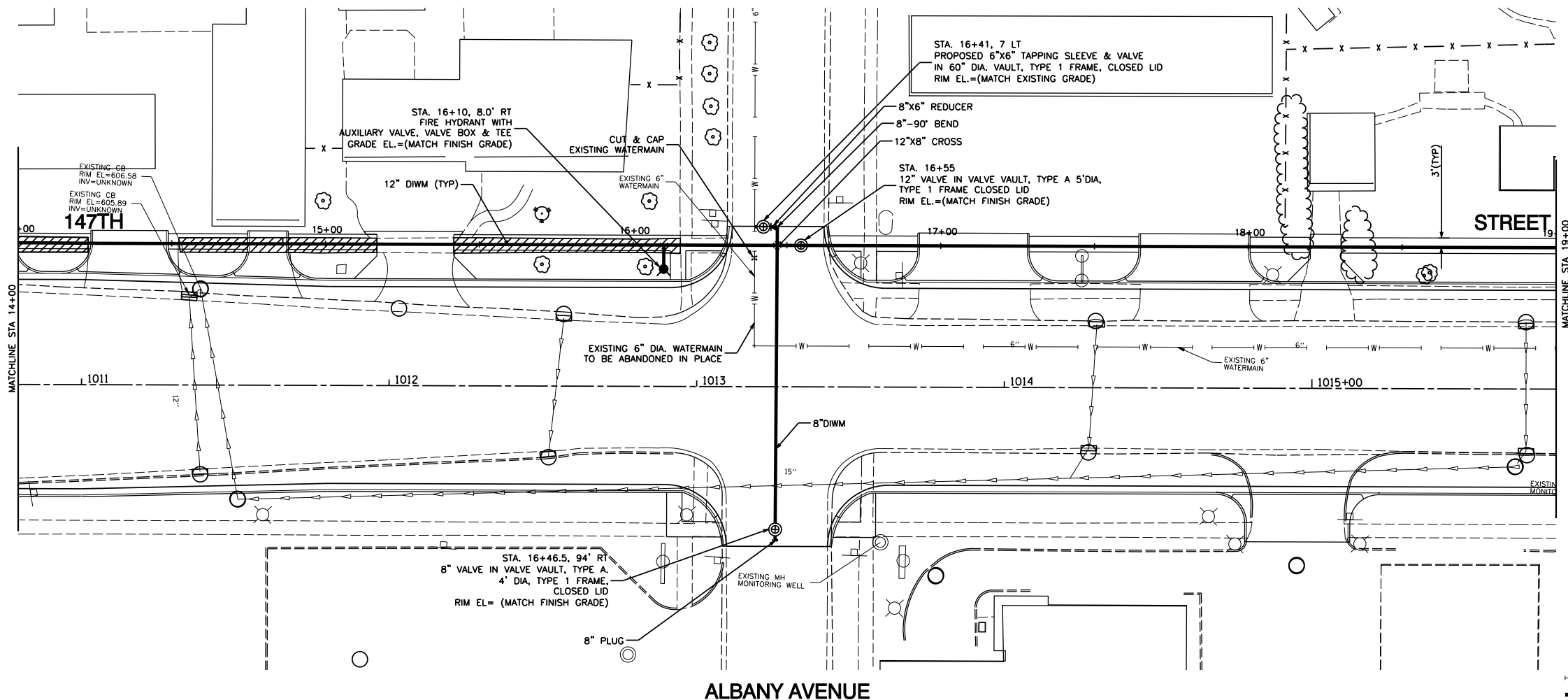
- LEGEND:**
- PROPOSED FIRE HYDRANT W/ AUX. VALVE, VALVE BOX & TEE
  - PROPOSED VALVE VAULT, TYPE 1 FR., CL
  - EXISTING WATER MAIN
  - PROPOSED D.I.W.M., CLASS 52, WITH POLYETHYLENE ENCASUREMENT
  - EXISTING STORM SEWER
  - SIDEWALK REMOVAL AND REPLACEMENT  
-PORTLAND CEMENT CONCRETE 5 INCH  
-AGGREGATE BASE COURSE, TYPE B 4 INCH
  - DETECTABLE WARNINGS



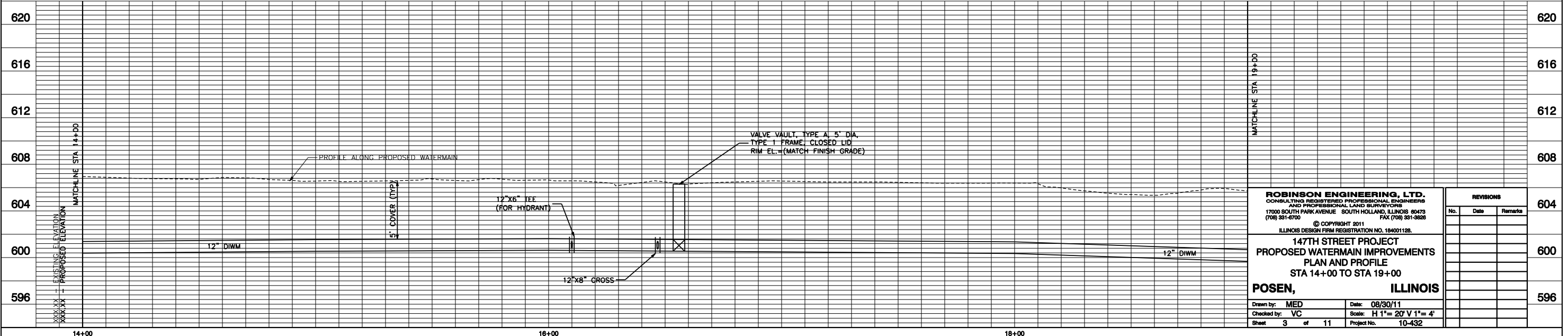
MATCHLINE STA. 1009+00

<b>ROBINSON ENGINEERING, LTD.</b> CONSULTING REGISTERED PROFESSIONAL ENGINEERS AND PROFESSIONAL LAND SURVEYORS 17000 SOUTH PARK AVENUE SOUTH HOLLAND, ILLINOIS 80473 (708) 381-8700 FAX (708) 381-3828 <small>© COPYRIGHT 2011 ILLINOIS DESIGN FIRM REGISTRATION NO. 184001128.</small>		<b>REVISIONS</b> No. Date Remarks	
<b>147TH STREET PROJECT</b> PROPOSED WATERMAIN IMPROVEMENTS PLAN AND PROFILE STA. 10+00 TO STA. 14+00 <b>POSEN, ILLINOIS</b>			
Drawn by: MED Checked by: VC Sheet 2 of 11	Date: 08/30/11 Scale: H 1"= 20' V 1"= 4' Project No. 10-432		

ALBANY AVENUE



- LEGEND:**
- PROPOSED FIRE HYDRANT W/ AUX. VALVE, VALVE BOX & TEE
  - PROPOSED VALVE VAULT, TYPE 1 FR., CL
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  - PROPOSED D.I.W.M., CLASS 52, WITH POLYETHYLENE ENCASEMENT
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 - AGGREGATE BASE COURSE, TYPE B 4 INCH

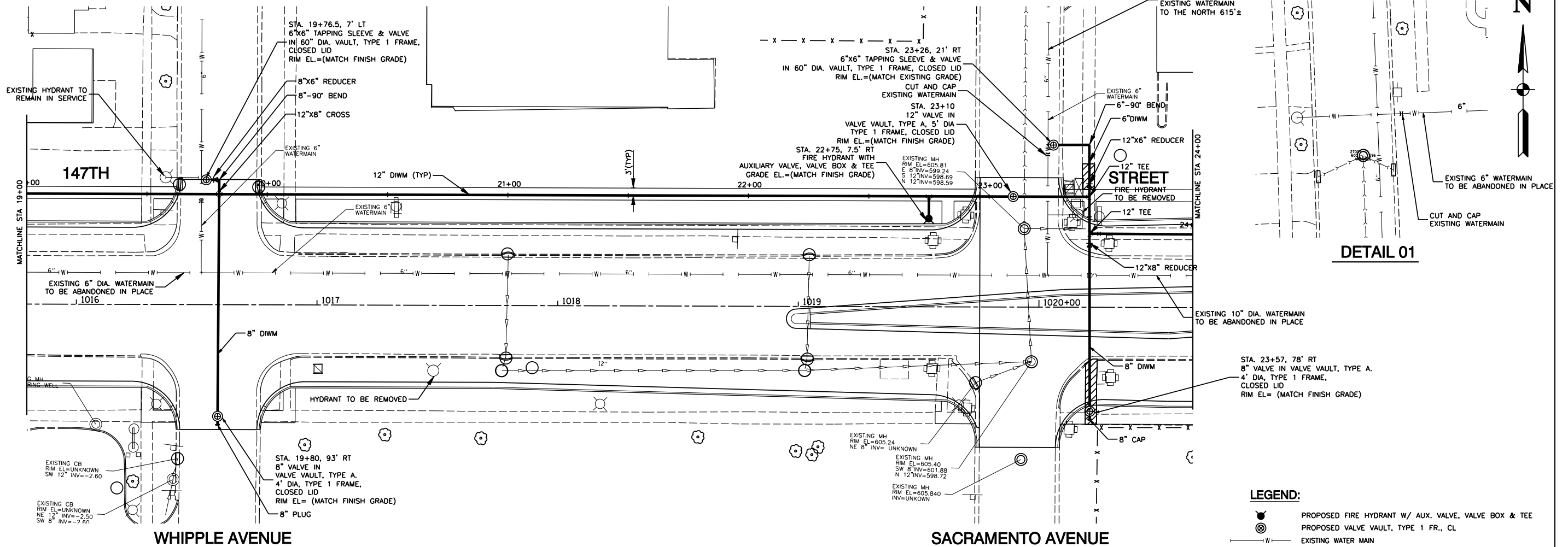


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No.	Date	Remarks												

WHIPPLE AVENUE

SACRAMENTO AVENUE

SACRAMENTO AVENUE



**LEGEND:**

- PROPOSED FIRE HYDRANT W/ AUX. VALVE, VALVE BOX & TEE
- PROPOSED VALVE VAULT, TYPE 1 FR., CL.
- EXISTING WATER MAIN
- PROPOSED D.I.W.M., CLASS 52, WITH POLYETHYLENE ENCASEMENT
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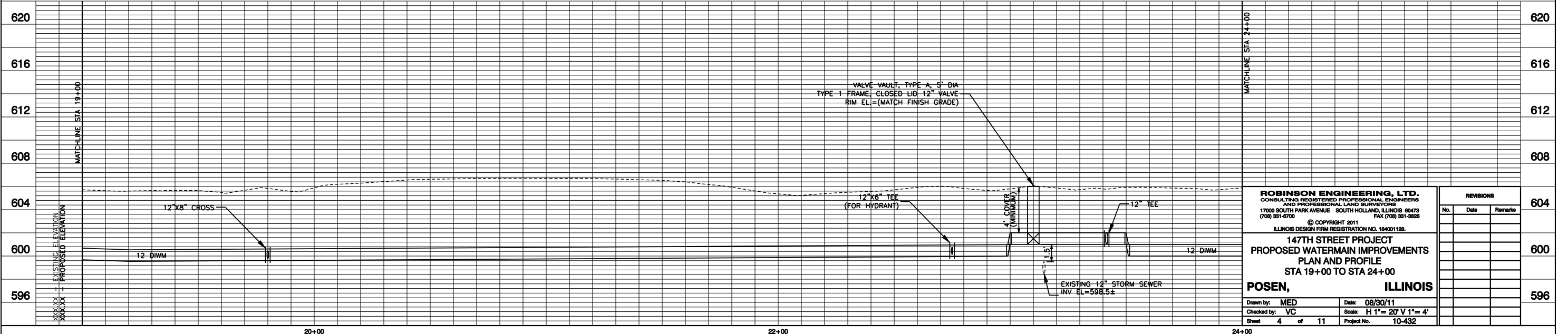
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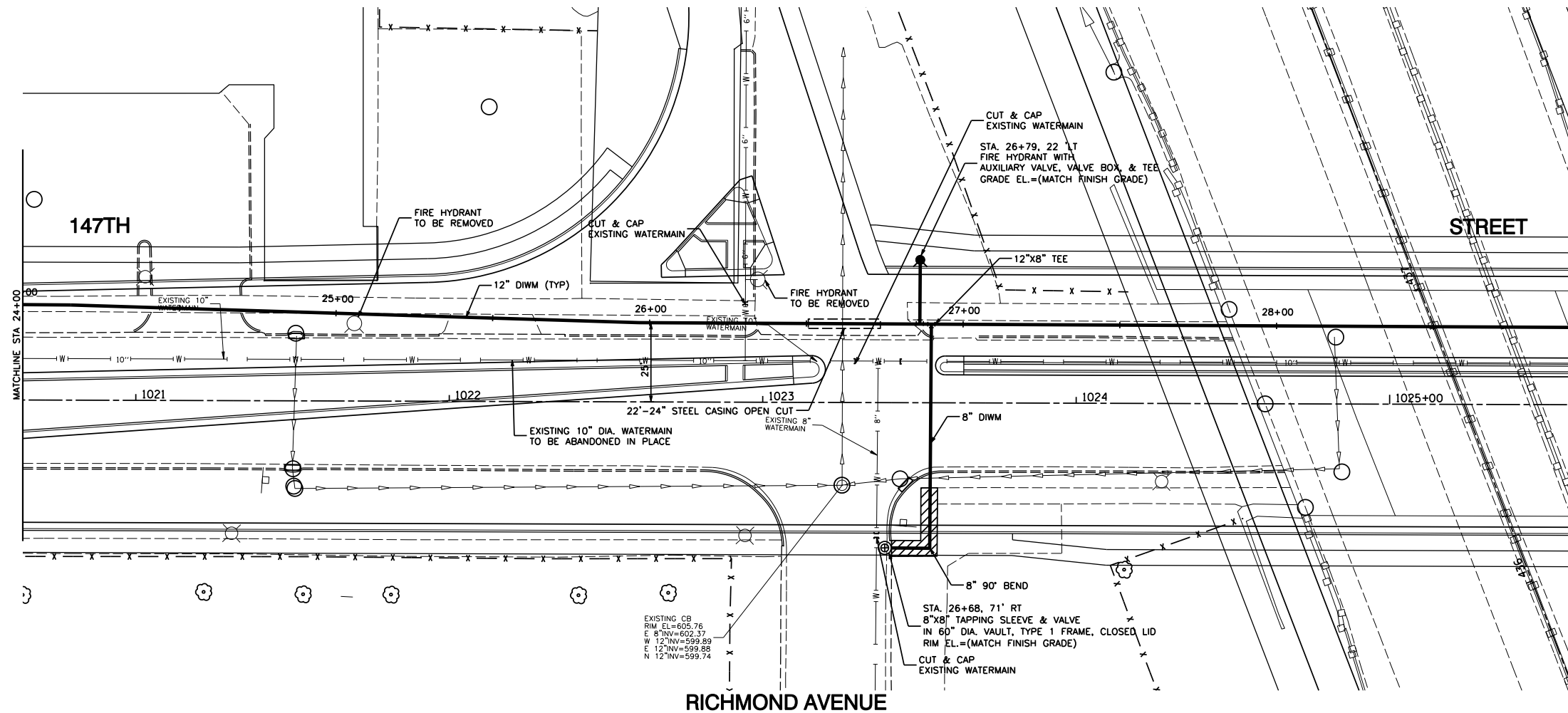
**147TH STREET PROJECT**  
**PROPOSED WATERMAIN IMPROVEMENTS**  
**PLAN AND PROFILE**  
 STA 19+00 TO STA 24+00

**POSEN, ILLINOIS**

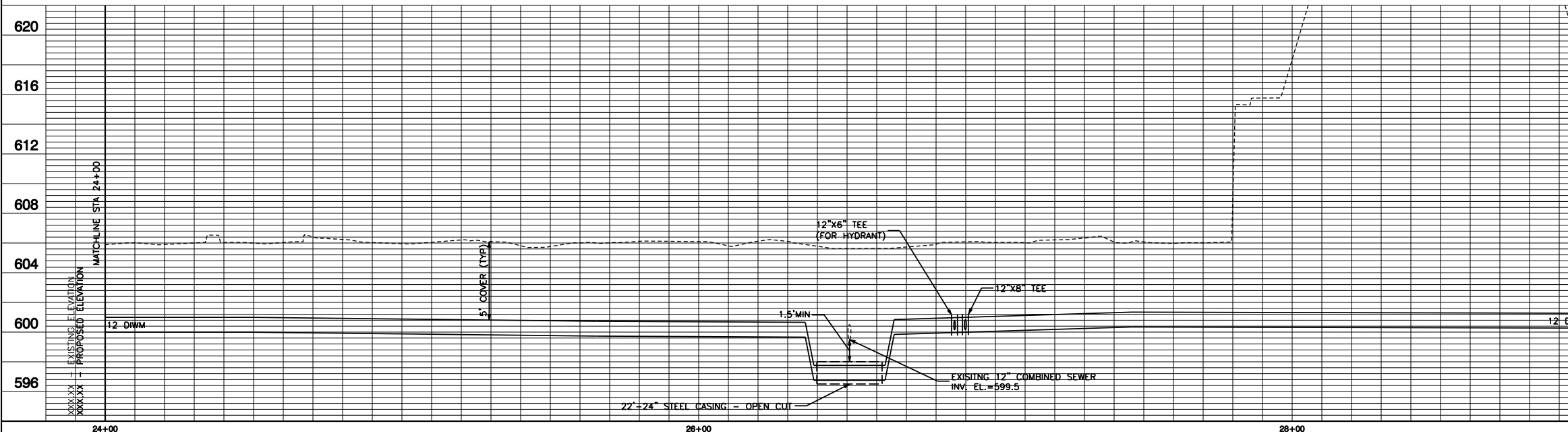
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 Sheet 4 of 11 Project No. 10-432

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No.	Date	Remarks

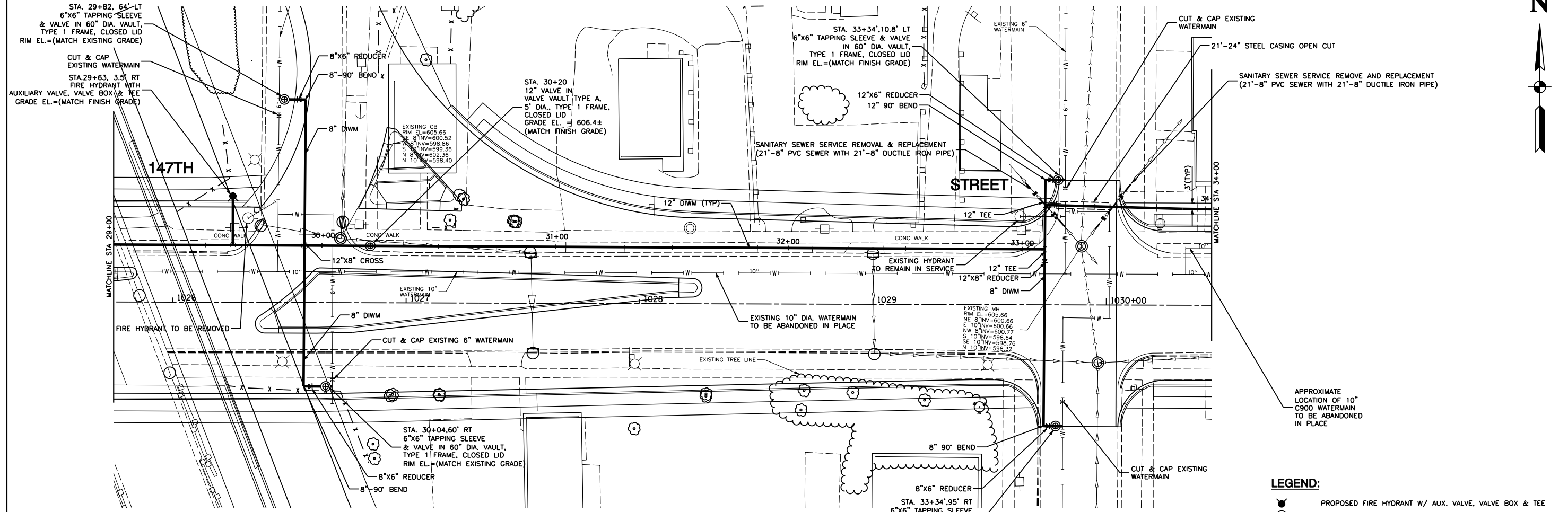




- LEGEND:**
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  - EXISTING WATER MAIN
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-PORTLAND CEMENT CONCRETE 5 INCH  
-AGGREGATE BASE COURSE, TYPE B 4 INCH



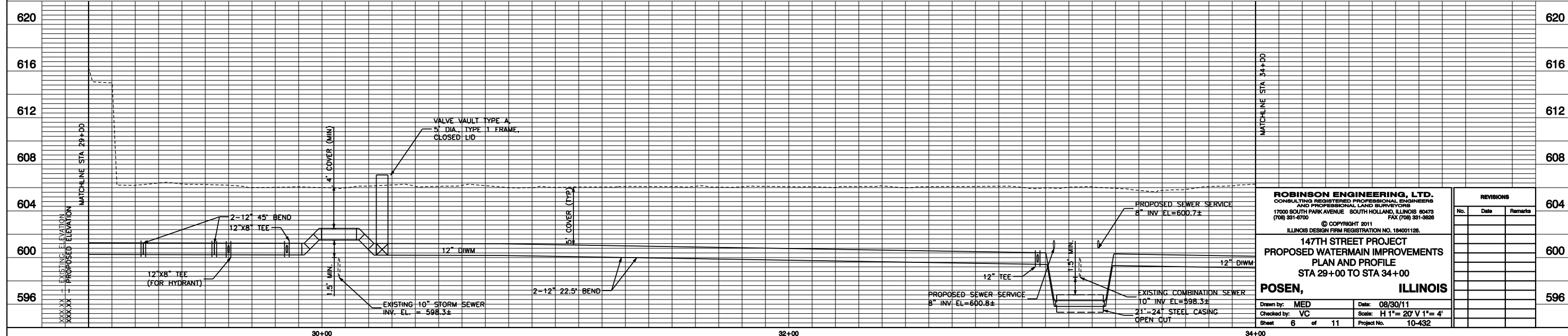
<p><b>ROBINSON ENGINEERING, LTD.</b> CONSULTING REGISTERED PROFESSIONAL ENGINEERS AND PROFESSIONAL LAND SURVEYORS 17000 SOUTH PARK AVENUE SOUTH HOLLAND, ILLINOIS 60473 (708) 381-6700 FAX (708) 381-3826</p> <p>© COPYRIGHT 2011 ILLINOIS DESIGN FIRM REGISTRATION NO. 184001128.</p> <p><b>147TH STREET PROJECT</b> PROPOSED WATERMAIN IMPROVEMENTS PLAN AND PROFILE STA 24+00 TO STA 29+00</p> <p><b>POSEN, ILLINOIS</b></p> <p>Drawn by: MED Date: 08/30/11 Checked by: VC Scale: H 1"= 20' V 1"= 4' Sheet 5 of 11 Project No. 10-432</p>		<table border="1"> <thead> <tr> <th colspan="3">REVISIONS</th> </tr> <tr> <th>No.</th> <th>Date</th> <th>Remarks</th> </tr> </thead> <tbody> <tr> <td> </td> <td> </td> <td> </td> </tr> <tr> <td> </td> <td> </td> <td> </td> </tr> <tr> <td> </td> <td> </td> <td> </td> </tr> </tbody> </table>	REVISIONS			No.	Date	Remarks									
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No.	Date	Remarks															



I-294 NORHTBOUND

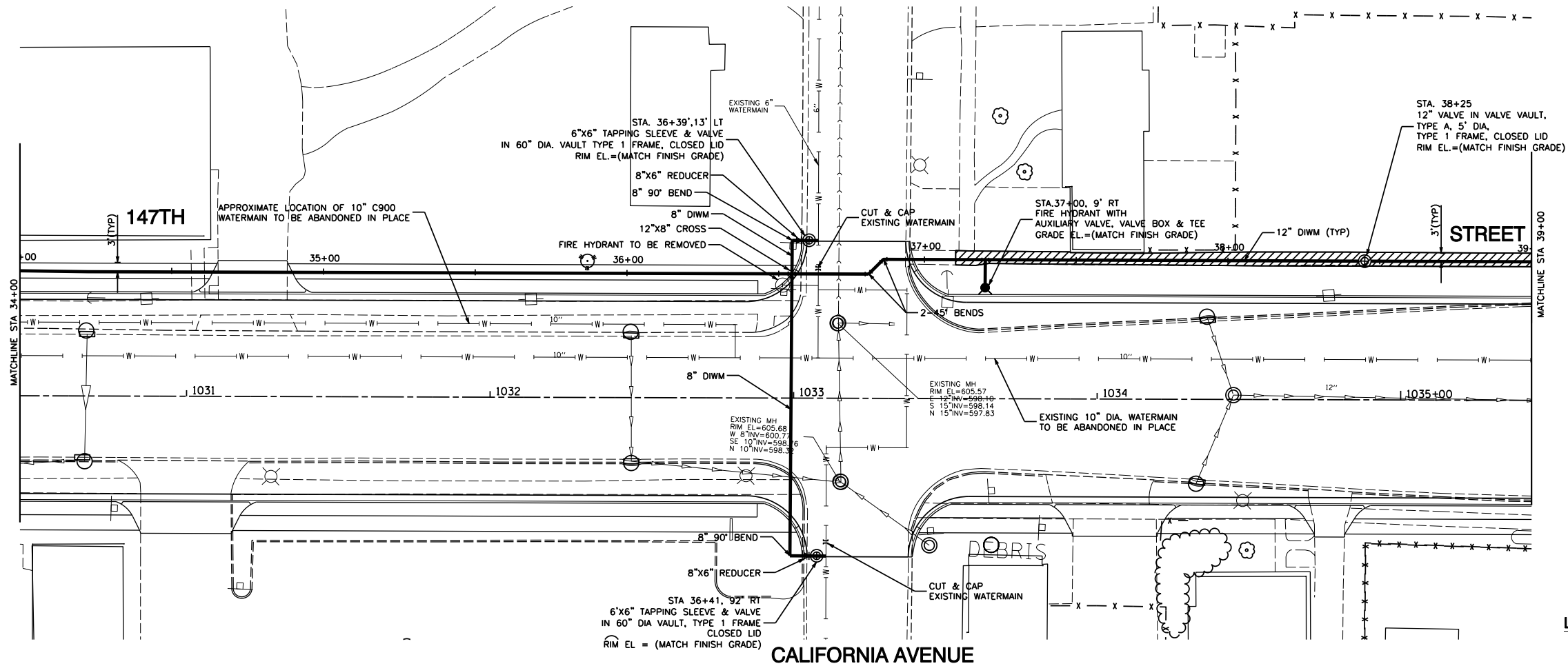
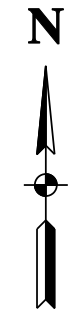
MOZART AVENUE

- LEGEND:**
- PROPOSED FIRE HYDRANT W/ AUX. VALVE, VALVE BOX & TEE
  - PROPOSED VALVE VAULT, TYPE 1 FR., CL
  - EXISTING WATER MAIN
  - PROPOSED D.I.W.M., CLASS 52, WITH POLYETHYLENE ENCASEMENT
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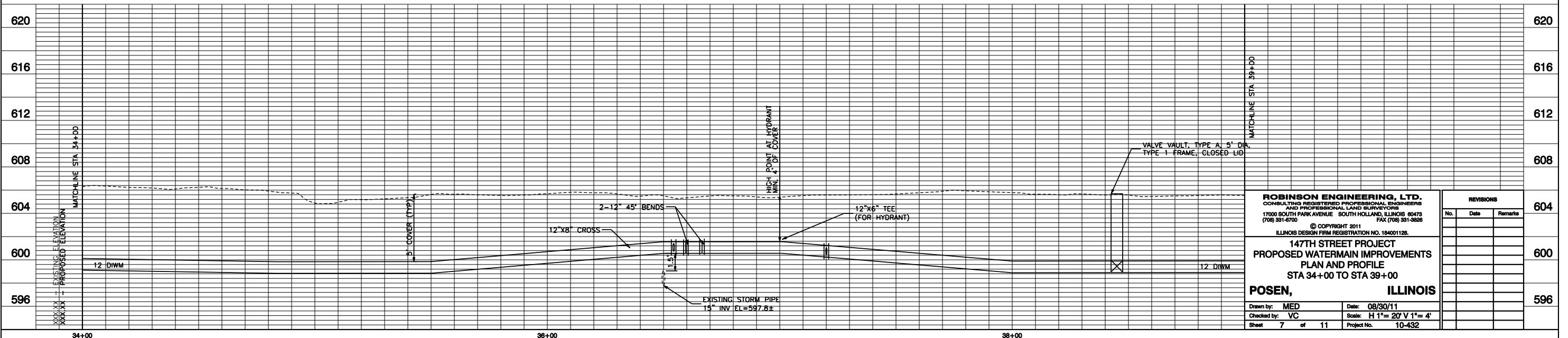
<p><b>ROBINSON ENGINEERING, LTD.</b> CONSULTING REGISTERED PROFESSIONAL ENGINEERS AND PROFESSIONAL LAND SURVEYORS 17000 SOUTH PARK AVENUE SOUTH HOLLAND, ILLINOIS 60473 (708) 381-6700 FAX (708) 381-3828</p> <p>© COPYRIGHT 2011 ILLINOIS DESIGN FIRM REGISTRATION NO. 184001128.</p> <p><b>147TH STREET PROJECT</b> <b>PROPOSED WATERMAIN IMPROVEMENTS</b> <b>PLAN AND PROFILE</b> <b>STA 29+00 TO STA 34+00</b></p> <p><b>POSEN, ILLINOIS</b></p>		<p><b>REVISIONS</b></p> <table border="1"> <thead> <tr> <th>No.</th> <th>Date</th> <th>Remarks</th> </tr> </thead> <tbody> <tr> <td> </td> <td> </td> <td> </td> </tr> <tr> <td> </td> <td> </td> <td> </td> </tr> <tr> <td> </td> <td> </td> <td> </td> </tr> </tbody> </table>		No.	Date	Remarks									
No.	Date	Remarks													
<p>Drawn by: MED Date: 08/30/11</p> <p>Checked by: VC Scale: H 1"= 20' V 1"= 4'</p> <p>Sheet 6 of 11 Project No. 10-432</p>	<p>Matchline STA 29+00</p> <p>Matchline STA 34+00</p>														

CALIFORNIA AVENUE



LEGEND:

- PROPOSED FIRE HYDRANT W/ AUX. VALVE, VALVE BOX & TEE
- PROPOSED VALVE VAULT, TYPE 1 FR., CL.
- EXISTING WATER MAIN
- PROPOSED D.I.W.M., CLASS 52, WITH POLYETHYLENE ENCASEMENT
- EXISTING STORM SEWER
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- PORTLAND CEMENT CONCRETE 5 INCH  
- AGGREGATE BASE COURSE, TYPE B 4 INCH



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(708) 381-6700 FAX (708) 381-3826

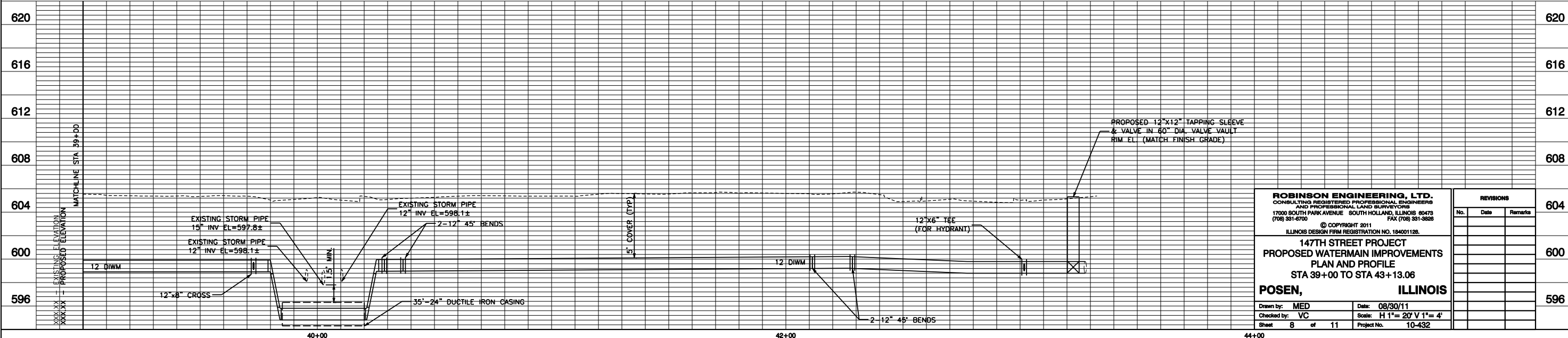
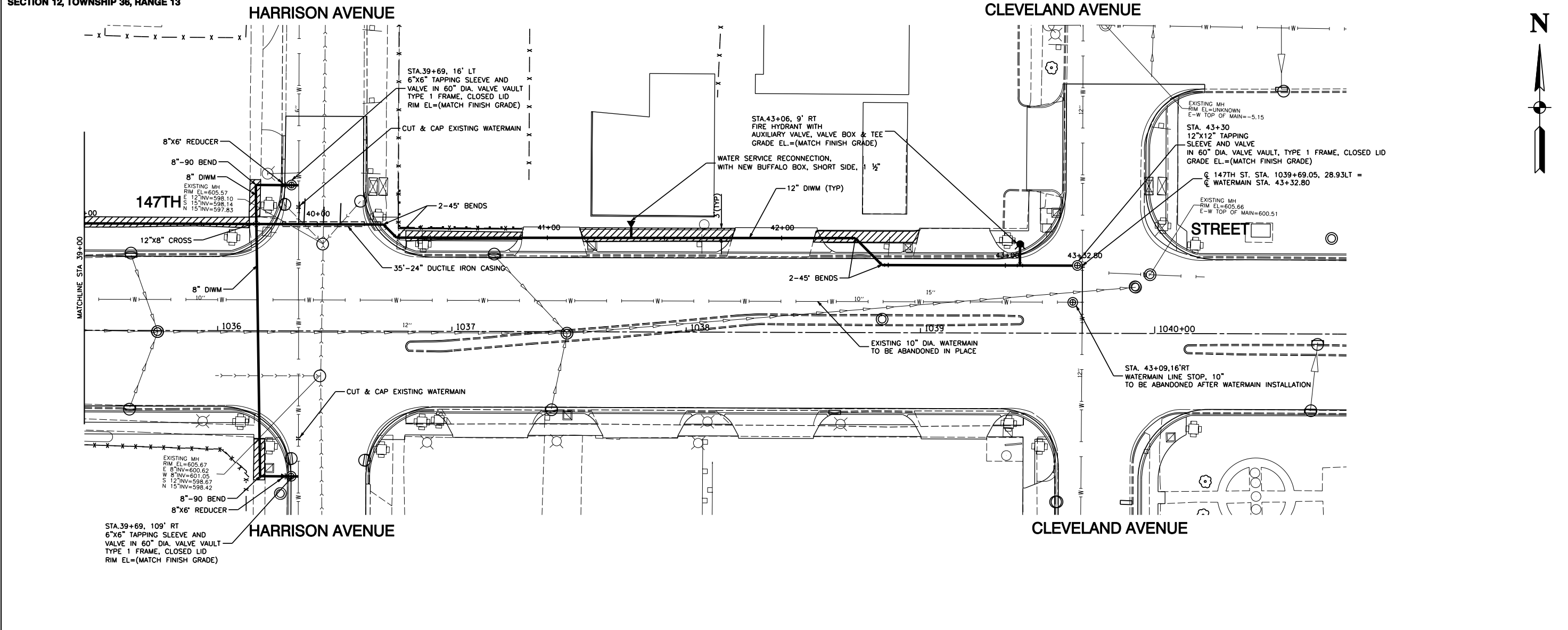
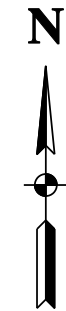
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**147TH STREET PROJECT**  
PROPOSED WATERMAIN IMPROVEMENTS  
PLAN AND PROFILE  
STA 34+00 TO STA 39+00

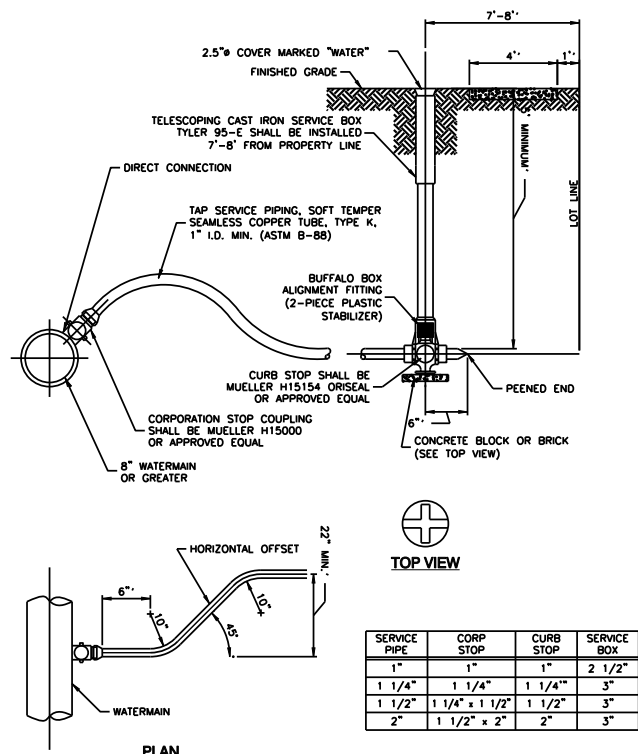
**POSEN, ILLINOIS**

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Checked by: VC Scale: H 1"= 20' V 1"= 4'  
Sheet 7 of 11 Project No. 10-432

REVISIONS		
No.	Date	Remarks



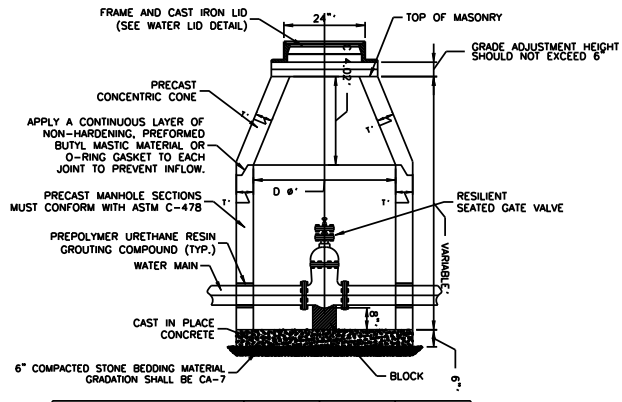
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<b>147TH STREET PROJECT</b> <b>PROPOSED WATERMAIN IMPROVEMENTS</b> <b>PLAN AND PROFILE</b> <b>STA 39+00 TO STA 43+13.06</b>			
<b>POSEN,</b>		<b>ILLINOIS</b>	
Drawn by: MED Checked by: VC Sheet 8 of 11	Date: 08/30/11 Scale: H 1"= 20' V 1"= 4' Project No. 10-432		



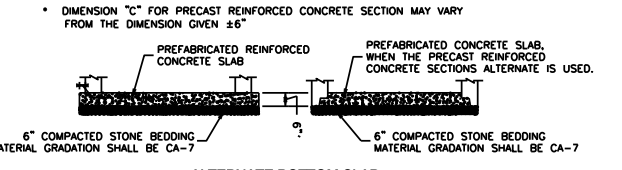
SERVICE PIPE	CORP STOP	CURB STOP	SERVICE BOX
1"	1"	1"	2 1/2"
1 1/4"	1 1/4"	1 1/4"	3"
1 1/2"	1 1/4" x 1 1/2"	1 1/2"	3"
2"	1 1/2" x 2"	2"	3"

**NOTE:**  
1. BUFFALO BOX ON WATER SERVICE LINES SHALL BE INSTALLED IN THE CENTER OF THE LOT, 7'-8" FROM PROPERTY LINE, AND NEVER IN SIDEWALK OR DRIVEWAY. VALVE SHALL BE MINNEAPOLIS STYLE.

**TYPICAL WATER SERVICE INSTALLATION**

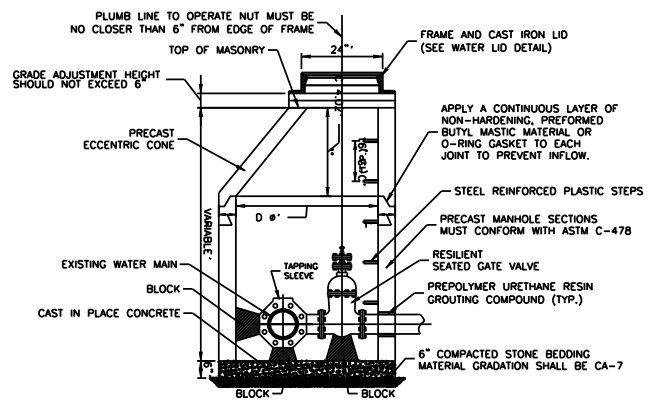


ALTERNATE MATERIALS FOR WALLS	D	C	T
PRECAST REINFORCED CONCRETE SECTION	4'-0"	2'-6"	4"
CAST-IN-PLACE CONCRETE	4'-0"	3'-9"	6"

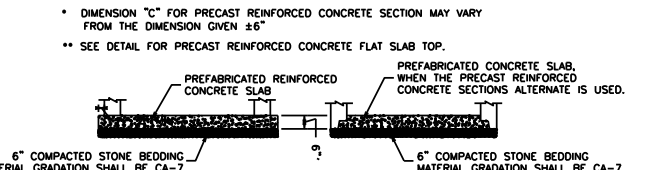


- NOTES:**
- CONCENTRIC CONE REQUIRED (VALVE TO ALIGN W/ CENTER OF FRAME OPENING).
  - USE 4'-0" FOR WATER MAIN SIZES 10" AND UNDER. 5'-0" FOR SIZES 12" AND ABOVE.
  - VALVE VAULT TO CONFORM TO ASTM C-478.
  - ALL VALVES SHALL HAVE STAINLESS STEEL BOLTS AND NUTS.
  - ALL VALVES SHALL OPEN COUNTER CLOCKWISE AND CLOSE CLOCKWISE WITH NON-RISING STEM.
  - PROVIDE CA-7 AGGREGATE BACKFILL MATERIAL AROUND VAULT TO SUB-GRADE ELEVATION; IN PAVED AREAS.

**VALVE IN VAULT DETAIL**

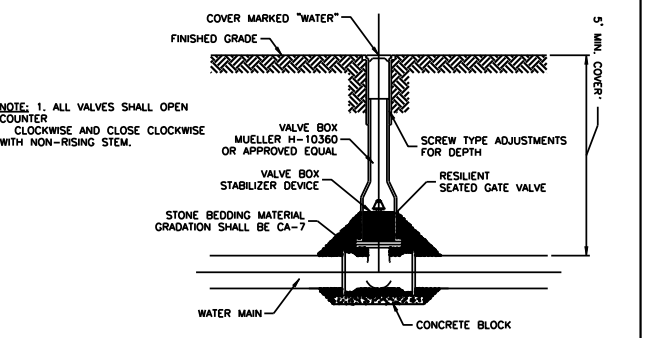


ALTERNATE MATERIALS FOR WALLS	D	C	T
PRECAST REINFORCED CONCRETE SECTION	5'-0"	3'-9"	5"
CAST-IN-PLACE CONCRETE	5'-0"	3'-9"	6"

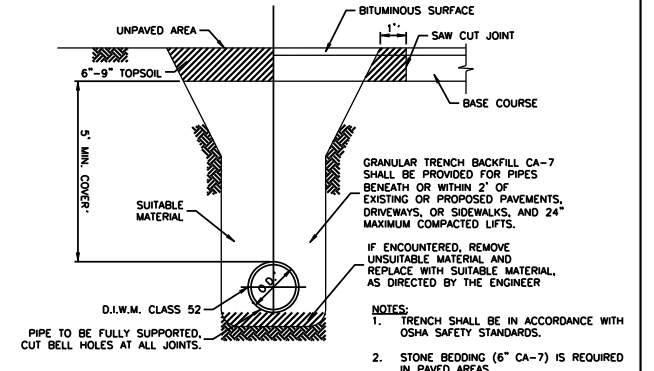


- NOTES:**
- VALVE TO ALIGN W/ CENTER OF FRAME OPENING.
  - USE 4'-0" FOR WATER MAIN SIZES 10" AND UNDER. 5'-0" FOR SIZES 12" AND ABOVE.
  - VALVE VAULT TO CONFORM TO ASTM C-478.
  - ALL VALVES SHALL HAVE STAINLESS STEEL BOLTS AND NUTS.
  - ALL VALVES SHALL OPEN COUNTER CLOCKWISE AND CLOSE CLOCKWISE WITH NON-RISING STEM.
  - PROVIDE CA-7 AGGREGATE BACKFILL MATERIAL AROUND VAULT TO SUB-GRADE ELEVATION; IN PAVED AREAS.

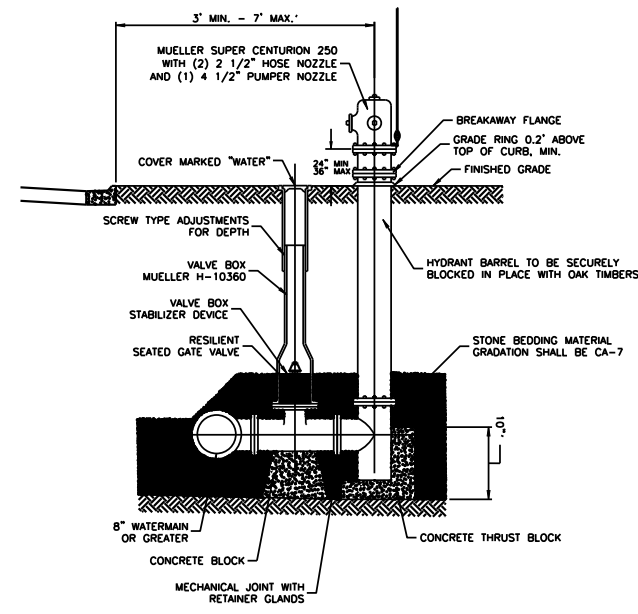
**VALVE IN VAULT DETAIL FOR PRESSURE CONNECTION**



**TYPICAL VALVE IN BOX INSTALLATION**

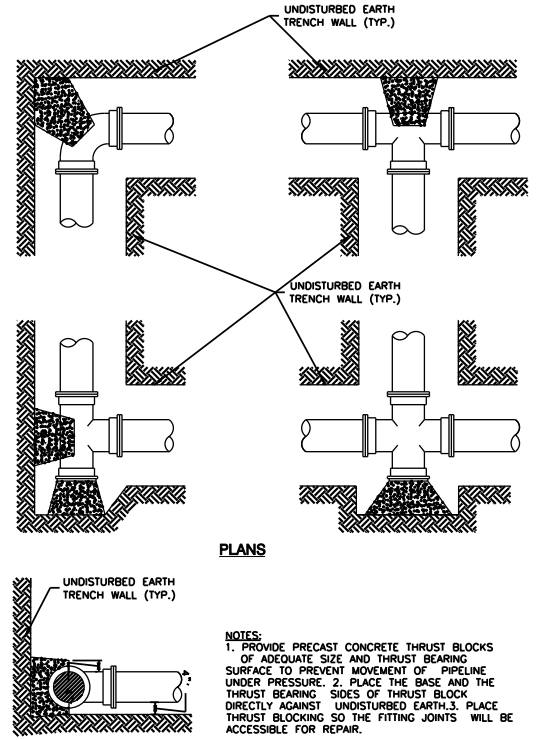


**TRENCH BACKFILL DETAIL FOR WATERMAIN**



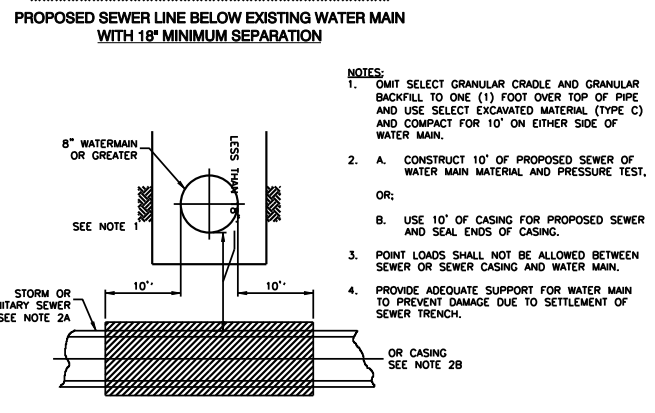
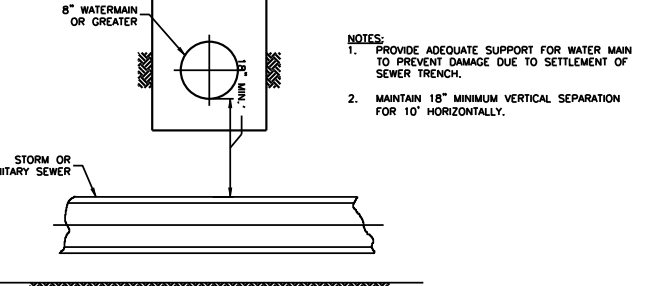
- NOTES:**
- HYDRANTS SHALL BE INSTALLED FACING TOWARD THE CURB. NO HYDRANT SHALL BE INSTALLED WITHIN 48" OF ANY OBSTRUCTION NOR SHALL ANY OBSTRUCTION BE PLACED WITHIN 48" OF A HYDRANT. ALL HYDRANTS SHALL BE PAINTED SAFETY RED BY THE MANUFACTURER.
  - ALL VALVES SHALL OPEN COUNTER CLOCKWISE AND CLOSE CLOCKWISE WITH NON-RISING STEM.
  - HYDRANT DRAIN HOLE SHALL BE FREE OF CONCRETE.

**FIRE HYDRANT INSTALLATION**



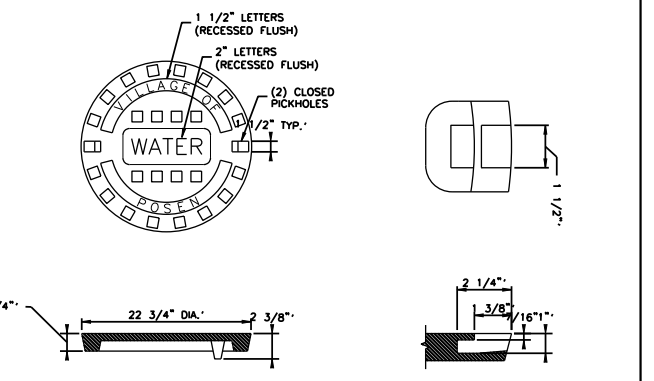
- NOTES:**
- PROVIDE PRECAST CONCRETE THRUST BLOCKS OF ADEQUATE SIZE AND THRUST BEARING SURFACE TO PREVENT MOVEMENT OF PIPELINE UNDER PRESSURE.
  - PLACE THE BASE AND THE THRUST BEARING SIDES OF THRUST BLOCK DIRECTLY AGAINST UNDISTURBED EARTH.
  - PLACE THRUST BLOCKING SO THE FITTING JOINTS WILL BE ACCESSIBLE FOR REPAIR.

**TYPICAL THRUST BLOCK INSTALLATIONS**



- NOTES:**
- OMIT SELECT GRANULAR CRADLE AND GRANULAR BACKFILL TO ONE (1) FOOT OVER TOP OF PIPE AND USE SELECT EXCAVATED MATERIAL (TYPE C) AND COMPACT FOR 10' ON EITHER SIDE OF WATER MAIN.
  - A. CONSTRUCT 10' OF PROPOSED SEWER OF WATER MAIN MATERIAL AND PRESSURE TEST.  
OR:  
B. USE 10' OF CASING FOR PROPOSED SEWER AND SEAL ENDS OF CASING.
  - POINT LOADS SHALL NOT BE ALLOWED BETWEEN SEWER OR SEWER CASING AND WATER MAIN.
  - PROVIDE ADEQUATE SUPPORT FOR WATER MAIN TO PREVENT DAMAGE DUE TO SETTLEMENT OF SEWER TRENCH.

**WATER AND SEWER SEPARATION REQUIREMENTS**



- NOTES:**
- HEAVY DUTY EJM 1020A OR APPROVED EQUAL MACHINED BEARING SURFACE COVER WT: 115 lbs.

**SPECIAL LETTERED WATER VALVE VAULT LID**

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<b>147TH STREET PROJECT</b> <b>PROPOSED WATERMAIN IMPROVEMENTS</b>					
<b>POSEN, ILLINOIS</b>					
Drawn by: MED Checked by: JR Sheet 9 of 11	Date: 10/10/11 Scale: NONE Project No. 10-432				



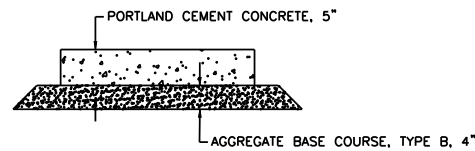
JOINT RESTRAINT TABLE - Unless additional pipe restraint is shown on the Plans, the restrained length measured from the fitting joint to the end of the last restrained joint pipe for pipe fittings shall equal or exceed those tabulated below:

Pipe Size (Inches)	Tee * Branch	RESTRAINED LENGTH - FEET FITTINGS				
		90 Elbow	45 Elbow	22-1/2 Elbow	11-1/4 Elbow	Dead Ends
4	9	10	5	2	1	15
6	17	14	6	3	2	21
8	24	18	8	4	2	27
10	30	22	10	5	3	33
12	36	26	11	6	3	38
14	42	29	12	6	3	44
16	48	33	14	7	4	49
18	53	37	16	8	4	54
20	58	40	17	8	4	60
24	104	71	30	15	8	105
30	125	86	36	18	9	126
36	146	99	42	21	10	147

NOTE: FOR BIDDING PURPOSES ONLY CONTRACTOR TO SUBMIT DESIGN CALCULATIONS PRIOR TO CONSTRUCTION.

Test Pressure on sizes 20" and smaller based on 100 psi.  
Test Pressure on sizes 24" and larger based on 150 psi.  
Increase all lengths in Table by 75% for use on polyethylene wrapped pipe.  
\*One full length (18') of pipe on both sides of branch to be restrained.

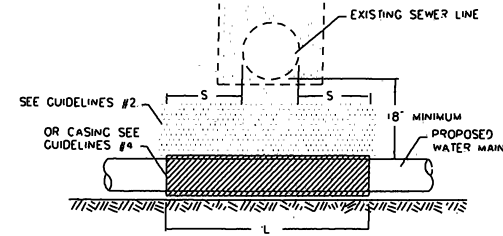
**DUCTILE IRON JOINT RESTRAINT TABLE**



**5" CONCRETE SIDEWALK**

PROPOSED WATER MAIN BELOW EXISTING SEWER LINE WITH 18" MINIMUM VERTICAL SEPARATION

NOTE COMPACTION REQUIREMENTS REFER TO 20-2 20B



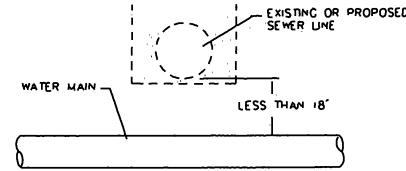
NOTE 'S' THE LENGTH NECESSARY TO PROVIDE 10 FEET OF SEPARATION AND MEASURED PERPENDICULAR TO EXISTING SEWER LINE

**GUIDELINES**

1. OMT SELECT GRANULAR EMBEDMENT AND GRANULAR BACKFILL TO ONE (1) FOOT OVER TOP OF WATER MAIN AND USE SELECT EXCAVATED MATERIAL (CLASS IV) AND COMPACT THE LENGTH OF 'L'.
2. IF SELECT GRANULAR BACKFILL EXISTS REMOVE WITHIN WIDTH OF EXISTING SEWER LINE TRENCH AND REPLACE WITH SELECT EXCAVATED MATERIAL (CLASS IV) AND COMPACT.
3. PROVIDE ADEQUATE SUPPORT FOR EXISTING SEWER LINE TO PREVENT DAMAGE DUE TO SETTLEMENT.
4. USE 'L' FEET OF WATER MAIN MATERIAL FOR CASING OF PROPOSED WATER MAIN AND SEAL ENDS OF CASING.

**WATER AND SEWER SEPARATION REQUIREMENTS (VERTICAL SEPARATION)**

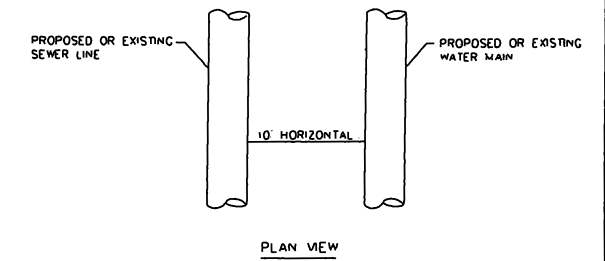
PLACEMENT OF WATER MAIN BELOW EXISTING OR PROPOSED SEWER LINE WITH LESS THAN 18" MINIMUM VERTICAL SEPARATION NOT ALLOWED.



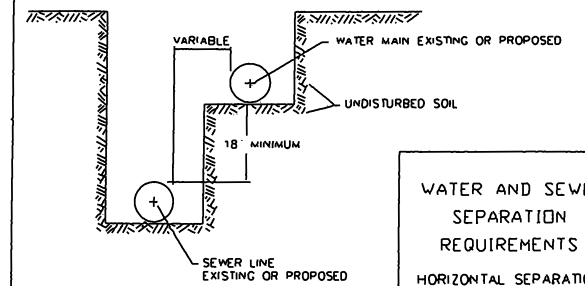
NOT ALLOWED\* MUST MAINTAIN 18" VERTICAL SEPARATION

**WATER AND SEWER SEPARATION REQUIREMENTS (VERTICAL SEPARATION)**

WHEN PROPOSED SEWER (OR WATER) IS LOCATED 10 FEET OR MORE FROM EXISTING WATER (OR SEWER), NO SPECIAL CONSTRUCTION REQUIRED SEE SECTION 41-2 01B (1)



WHEN PROPOSED SEWER (OR WATER) IS LOCATED LESS THAN 10 FEET FROM EXISTING WATER (OR SEWER), DETAILS BELOW SHALL APPLY SEE SECTION 41-2 01B (2)

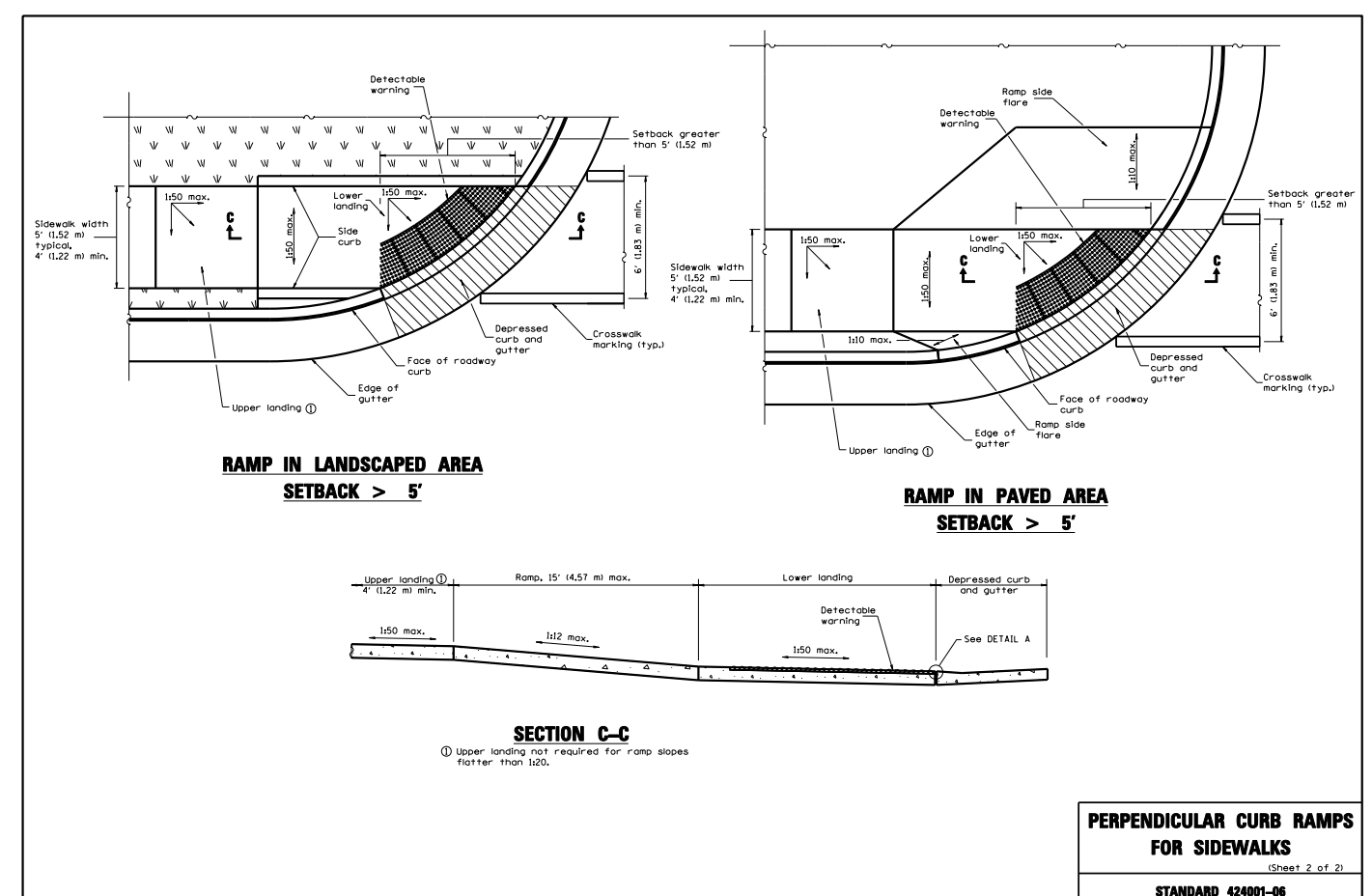
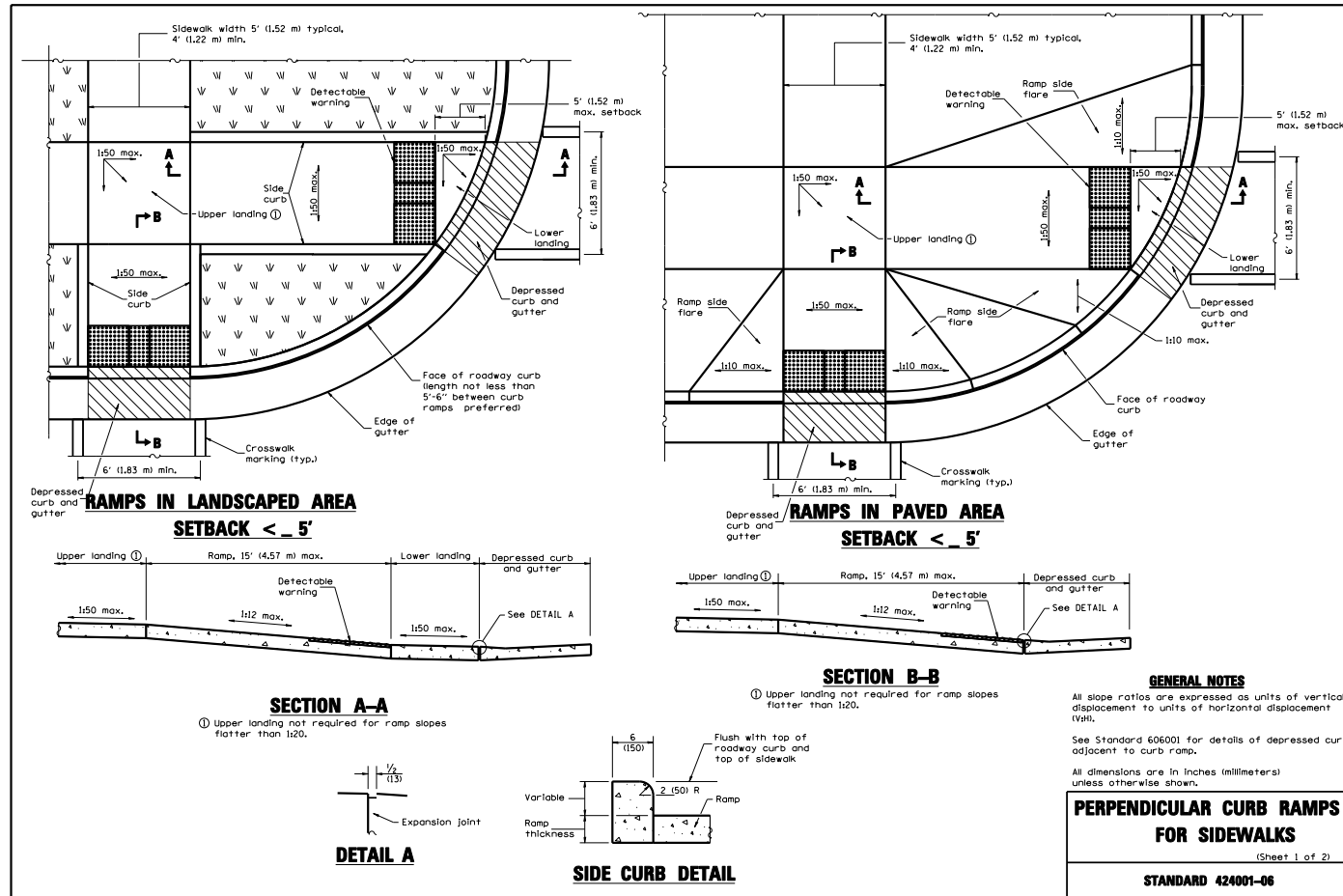


**WATER AND SEWER SEPARATION REQUIREMENTS HORIZONTAL SEPARATION**

**GENERAL NOTES:**

1. THE CONSTRUCTION OF THE WATER MAIN SHALL BE PERFORMED ACCORDING TO THE LATEST EDITION OF THE STANDARD SPECIFICATIONS FOR WATER AND SEWER MAIN CONSTRUCTION IN ILLINOIS.
2. AREAS DISTURBED BY CONSTRUCTION SHALL BE KEPT TO A MINIMUM. ALL AREAS DISTURBED UNNECESSARILY SHALL BE RESTORED AS REQUIRED IN THE SPECIAL PROVISIONS AT THE CONTRACTOR'S EXPENSE.
3. THE APPROXIMATE LOCATION OF KNOWN PUBLIC UTILITIES ARE PROVIDED FOR THE CONTRACTOR'S USE, AND ARE BASED UPON INFORMATION AVAILABLE AT THE TIME OF THE ADVERTISEMENT FOR BIDS. THE OWNER AND ENGINEER DO NOT GUARANTEE THE ACCURACY OF UTILITIES INFORMATION. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO NOTIFY J.U.L.I.E. AT LEAST 48 HOURS PRIOR TO EXCAVATION TO VERIFY LOCATIONS OF ALL UTILITIES.
4. THE TOP OF ALL STRUCTURES SHALL BE FLUSH WITH THE ADJACENT SURFACE. FRAMES ON ALL NEW STRUCTURES SHALL BE ADJUSTED TO THE FINAL SURFACE ELEVATIONS AS PART OF THE NEW STRUCTURE COST.
5. A MINIMUM OF 3 FEET OF PROTECTIVE COVER SHALL BE CONSTRUCTED PRIOR TO RUNNING HEAVY EQUIPMENT OVER INSTALLED PIPES.
6. ALL TRENCHES WITHIN 2 FEET OF PROPOSED PAVEMENT, SIDEWALK, DRIVEWAYS, OR CURB & GUTTER SHALL BE BACKFILLED WITH TRENCH BACKFILL ONLY.

<b>ROBINSON ENGINEERING, LTD.</b> CONSULTING REGISTERED PROFESSIONAL ENGINEERS AND PROFESSIONAL LAND SURVEYORS 1700 SOUTH PARK AVENUE SOUTH HOLLAND, ILLINOIS 60473 (708) 381-6700 FAX (708) 381-3858 © COPYRIGHT 2011 ILLINOIS DESIGN FIRM REGISTRATION NO. 184001128.		<b>REVISIONS</b> No. Date Remarks	
<b>147TH STREET PROJECT</b> <b>PROPOSED WATERMAIN IMPROVEMENTS</b>			
<b>POSEN, ILLINOIS</b>			
Drawn by: MED	Date: 10/10/11		
Checked by: JMR	Scale: NONE		
Sheet 10 of 11	Project No. 10-432		



<b>ROBINSON ENGINEERING, LTD.</b> CONSULTING REGISTERED PROFESSIONAL ENGINEERS AND PROFESSIONAL LAND SURVEYORS 1700 SOUTH PARK AVENUE SOUTH HOLLAND, ILLINOIS 60473 (708) 381-6700 FAX (708) 381-3858 © COPYRIGHT 2011 ILLINOIS DESIGN FIRM REGISTRATION NO. 184001128.		
<b>147TH STREET PROJECT</b> <b>PROPOSED WATERMAIN IMPROVEMENTS</b>		
<b>POSEN,</b>		<b>ILLINOIS</b>
Drawn by: MED	Date: 10/10/11	
Checked by: JMR	Scale: NONE	
Sheet 11 of 11	Project No. 10-432	

REVISIONS		
No.	Date	Remarks

ROUTE	FISCAL YEAR	COUNTY	TOTAL SHEETS	SHEET NO.
F.A.U. 1602	IL 83	COOK	16	1

### SHEET INDEX

NOTE: ALL PARCEL NUMBERS PREFACED WITH OGT0

- SHEET 2 PARCELS 167, 167TE, 168, 168TE-A, 168TE-B, 169, 169TE, 172TE
- SHEET 3 PARCELS 160, 160TE-B, 164, 164TE, 165, 165TE, 166, 166TE
- SHEET 4 PARCELS 158, 158TE, 159, 159TE, 160A, 160TE-A, 161A, 161TE-A, 161B, 161TE-B
- SHEET 5 PARCELS 162, 162TE, 163
- SHEET 6 PARCELS 180, 180TE, 181, 181TE, 182, 182TE
- SHEET 7 PARCELS 179, 179TE
- SHEET 8 PARCELS 178, 178TE
- SHEET 9 PARCELS 170A, 170TE-A, 170B, 170TE-B, 171, 171TE
- SHEET 10 PARCELS 173, 173TE, 174, 175A, 175B, 175TE, 177, 177TE
- SHEET 11 TOTAL HOLDING DETAILS PARCELS 160, 172
- SHEET 12 TOTAL HOLDING DETAIL PARCEL 169
- SHEET 13 ALIGNMENT AND COORDINATE DATA
- SHEET 14 ALIGNMENT TIES AND RIGHT OF WAY CORNER NUMBERING DIAGRAM
- SHEET 15 RIGHT OF WAY CORNER RECOVERY TIES
- SHEET 16 RIGHT OF WAY CORNER RECOVERY TIES

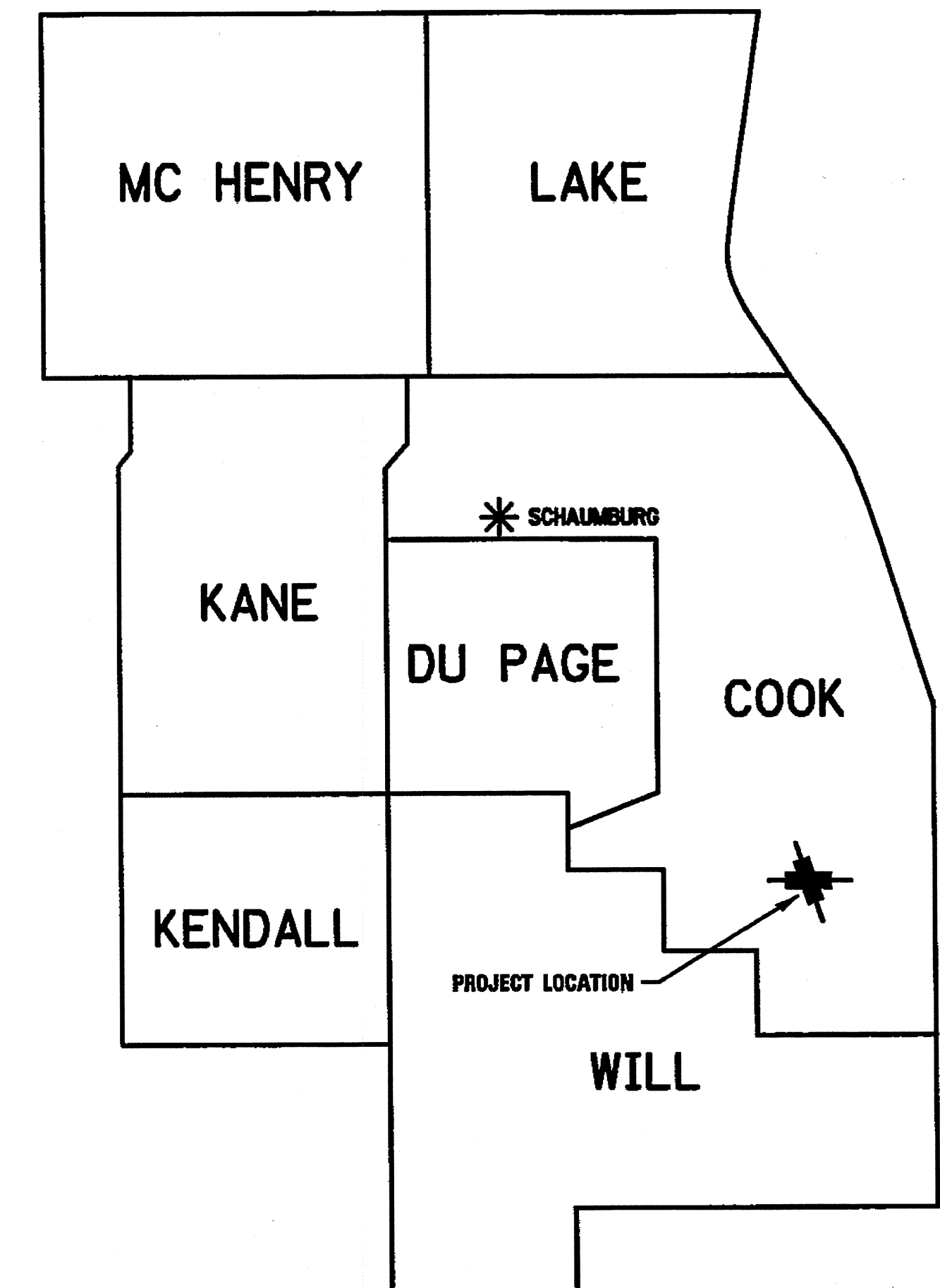
# STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION DIVISION OF HIGHWAYS PLAT OF HIGHWAYS

## PLANS FOR PROPOSED

### F.A.U. 1602 (IL 83), KEDZIE AVENUE TO WESTERN AVENUE COOK COUNTY, ILLINOIS

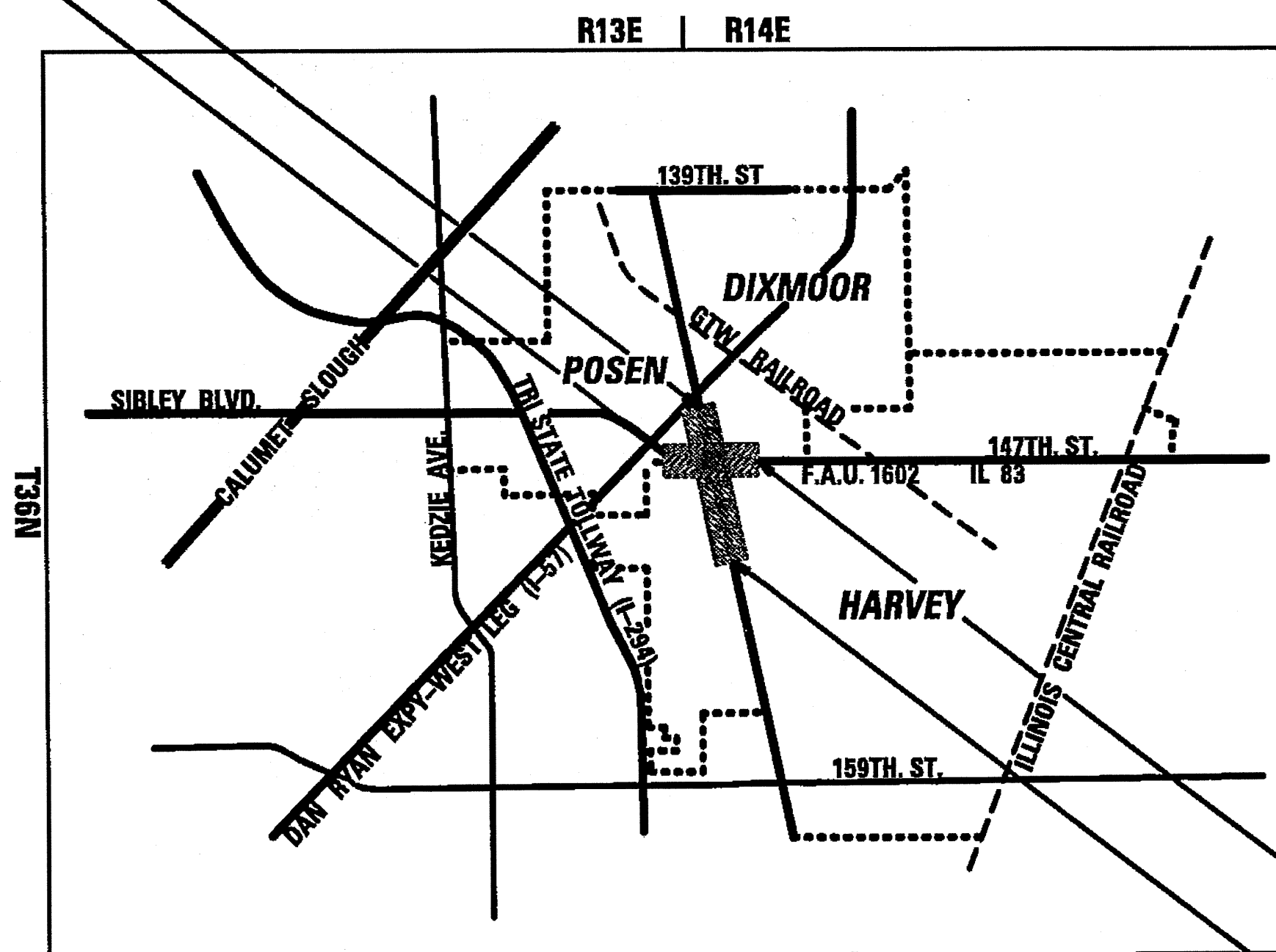
### JOB NO. R-90-004-09

### DISTRICT 1



DIXIE HIGHWAY  
ENDS 6024+66.00

SIBLEY BOULEVARD  
(147th STREET)  
BEGINS 1070+13.87



**LOCATION MAP**  
(NO SCALE)

LENGTH OF PROJECT:	
F.A.U. 1602 (IL 83), SIBLEY BOULEVARD	905.60'
047th STREET	
DIXIE HIGHWAY	2603.43'
TOTAL LENGTH	3509.23'

SIBLEY BOULEVARD  
(147th STREET)  
ENDS 1079+19.67

DIXIE HIGHWAY  
BEGINS 5998+62.57

\* DISTRICT HEADQUARTERS

**AMERICAN**  
SURVEYING & ENGINEERING, P.C.  
SURVEYORS-ENGINEERS  
105 W. Madison St. Suite 1700  
Chicago, IL 60602  
312-277-2000 / Fax 312-277-2002  
ILLINOIS PROFESSIONAL DESIGN FIRM NO. 184-003192

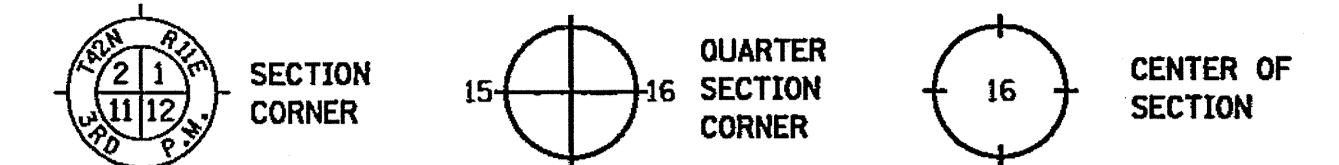
ASE JOB NO. 209021  
**REVISION DATE: 2/6/2012**

STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION DIVISION OF HIGHWAYS	
SUBMITTED _____ 20__	_____ DISTRICT ENGINEER
EXAMINED _____ 20__	_____ DISTRICT RIGHT OF WAY PLANS ENGINEER
PASSED _____ 20__	_____ DISTRICT LAND ACQUISITION ENGINEER
REVIEWED _____ 20__	_____ CENTRAL BUREAU RIGHT OF WAY PLANS ENGINEER
APPROVED _____ 20__	_____ ENGINEER OF LAND ACQUISITION

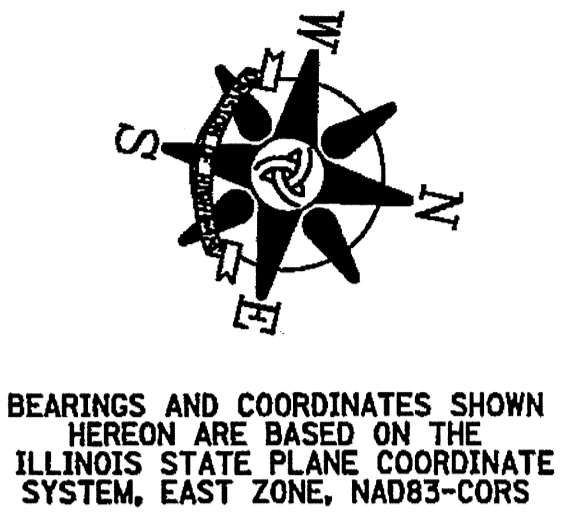
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MAR 09 2012  
PLATS & LEGALS

**PART OF SECTION 7, T36N, R14E, OF THE 3RD PM, COOK COUNTY, ILLINOIS**

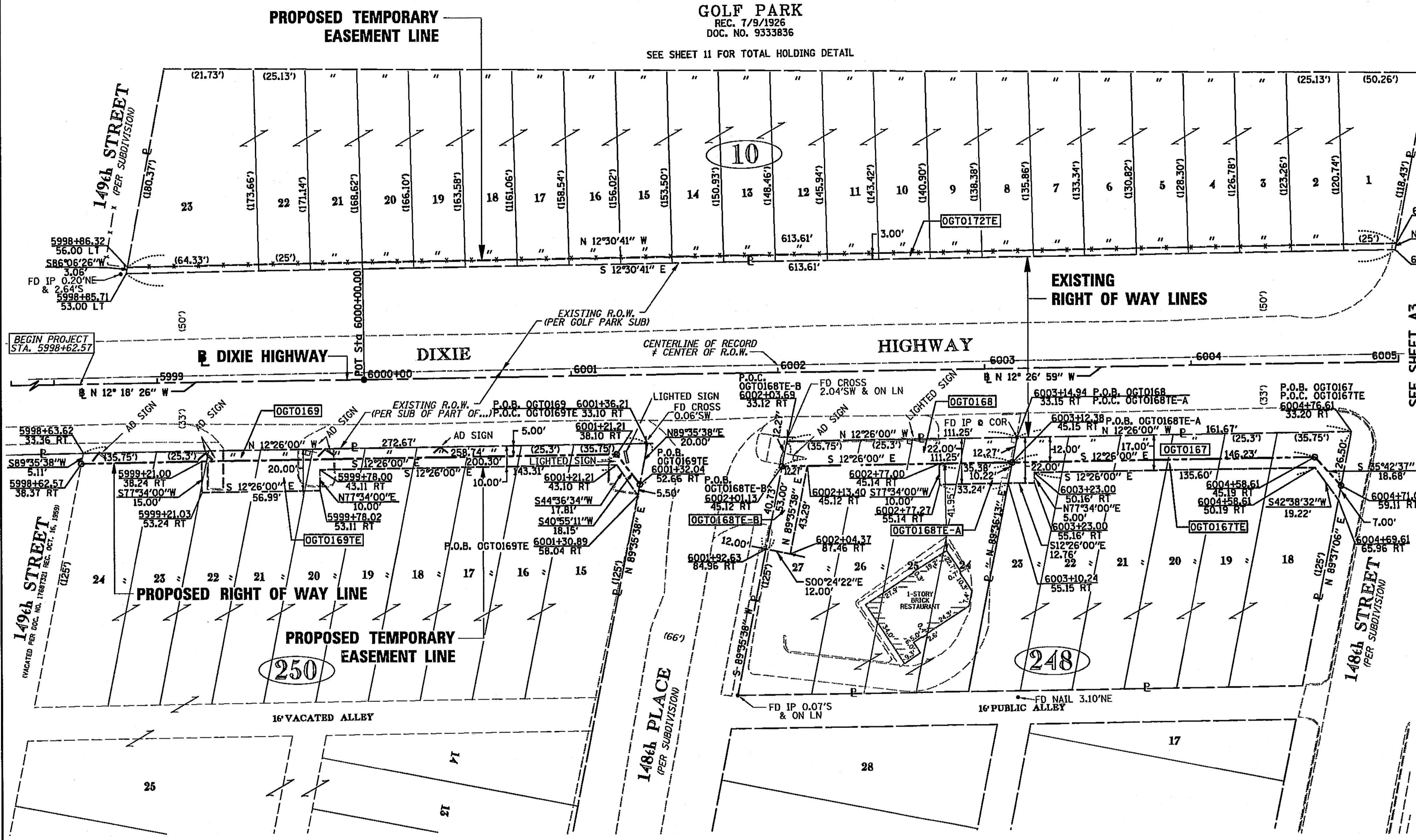
**LEGEND**



- EXISTING CENTERLINE
- EXISTING RIGHT OF WAY LINE
- PROPOSED CENTERLINE
- PROPOSED RIGHT OF WAY LINE
- PROPOSED TEMPORARY EASEMENT LINE
- PROPOSED PERMANENT EASEMENT LINE
- SECTION LINE
- QUARTER SECTION LINE
- QUARTER QUARTER SECTION LINE
- PLATTED LOT LINE
- PROPERTY (DEED) LINE
- APPARENT PROPERTY LINE
- ACCESS CONTROL LINE
- MEASURED OR COMPUTED DIMENSION
- RECORD DATA
- FOUND IRON PIPE OR IRON ROD
- SET 5/8 INCH IRON ROD OR MAG NAIL
- PERMANENT SURVEY MONUMENT, I.D.O.T. STD. 2135
- (TO BE SET BY OTHERS)
- CUT CROSS FOUND OR SET
- FOUND CONCRETE RIGHT-OF-WAY MARKER
- SAME OWNERSHIP
- FENCE LINE
- SIGN



BEARINGS AND COORDINATES SHOWN HEREON ARE BASED ON THE ILLINOIS STATE PLANE COORDINATE SYSTEM, EAST ZONE, NAD83-CORS



- T1 THESE STAKES REFERENCE FOUND OR SET MONUMENTATION. SET 3/8 INCH IRON ROD FLUSH WITH GROUND. IDENTIFIED BY COLORED PLASTIC CAP BEARING SURVEYORS REGISTRATION NUMBER.
- BT1 THESE STAKES, IN CULTIVATED AREAS, REFERENCE FOUND OR SET MONUMENTATION. BURIED 3/8 INCH IRON ROD 20 INCHES BELOW GROUND SURFACE. IDENTIFIED BY COLORED PLASTIC CAP BEARING SURVEYORS REGISTRATION NUMBER.
- STAKING OF PROPOSED RIGHT OF WAY. SET DIVISION OF HIGHWAYS SURVEY MARKER TO MONUMENT THE POSITION SHOWN. IDENTIFIED BY INSCRIPTION DATA AND SURVEYORS REGISTRATION NUMBER.
- M STAKING OF PROPOSED RIGHT OF WAY IN CULTIVATED AREAS. BURIED 3/8 INCH IRON ROD 20 INCHES BELOW GROUND SURFACE TO MARK FUTURE SURVEY MARKER POSITION. IDENTIFIED BY COLORED PLASTIC CAP AND SURVEYORS REGISTRATION NUMBER.
- U STAKING OF PROPOSED RIGHT OF WAY IN CLOSE PROXIMITY TO UNDERGROUND UTILITIES. SET DIVISION OF HIGHWAYS SURVEY MARKER ON 3/8 INCH IRON ROD (BETWEEN 6 INCHES AND 12 INCHES IN LENGTH) TO MONUMENT THE POSITION SHOWN. IDENTIFIED BY INSCRIPTION DATA AND SURVEYORS REGISTRATION NUMBER.

STATE OF ILLINOIS )  
COUNTY OF COOK )

THIS IS TO CERTIFY THAT I, COVENTINE FIDIS, AN ILLINOIS PROFESSIONAL LAND SURVEYOR, HAVE SURVEYED THE PLAT OF HIGHWAYS SHOWN HEREON IN SECTION 7, TOWNSHIP 36 NORTH, RANGE 14 EAST OF THE THIRD PRINCIPAL MERIDIAN, IN COOK COUNTY, THAT THE PLAT CORRECTLY REPRESENTS SAID SURVEY, THAT ALL MONUMENTS FOUND AND ESTABLISHED ARE OF PERMANENT QUALITY AND OCCUPY THE POSITIONS SHOWN THEREON AND THAT THE MONUMENTS ARE SUFFICIENT TO ENABLE THE SURVEY TO BE RETRACED. MADE FOR THE DEPARTMENT OF TRANSPORTATION, STATE OF ILLINOIS.

DATED AT CHICAGO, ILLINOIS THIS 6TH DAY OF FEBRUARY, 2012.

*[Signature]*

COVENTINE FIDIS  
ILLINOIS PROFESSIONAL LAND SURVEYOR NO. 2159  
LICENSE EXPIRATION DATE 11/30/2012

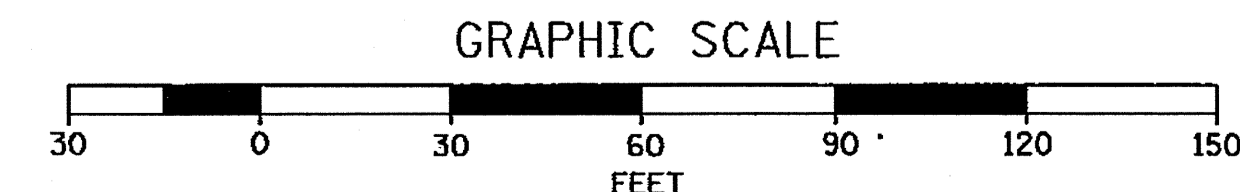
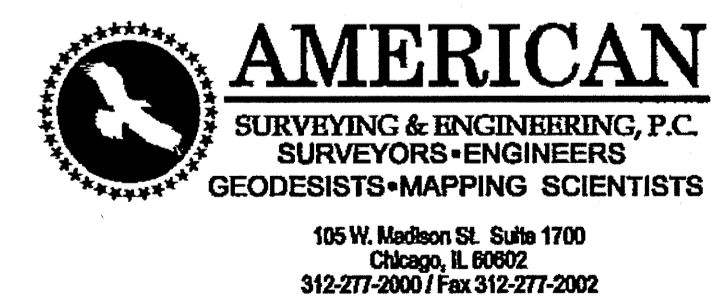


THIS PROFESSIONAL SERVICE CONFORMS TO THE CURRENT ILLINOIS MINIMUM SURVEY STANDARDS.

A SUBDIVISION OF PART OF  
W 1/2 OF THE SW 1/4 OF  
SEC 7-36-14

REC. 2/11/1897  
DOC. NO. 2497691  
BK. 67 / PG. 36

PARCEL NO.	OWNER	PERMANENT INDEX NUMBER	TOTAL HOLDING	AREA TAKING	PREVIOUSLY DEDICATED	REMAINDER	EASEMENTS TEMPORARY	EASEMENT PURPOSE	PROPERTY ACQUIRED BY
OGTO167	HARVEY PARK DISTRICT	29-07-309-001 TO 29-07-309-006	0.454 AC	0.047 AC	-	0.407 AC	0.020 AC	CONSTRUCTION	
OGTO168							0.008 AC (343 SF)	CONSTRUCTION	
OGTO168TE-B							0.012 AC	CONSTRUCTION	
OGTO169	MIDWEST BANK & TRUST UTA #04-1-8268	29-07-310-038(P) 29-07-310-039(P) 29-07-310-041(P)	4.720 AC	0.034 AC	-	4.686 AC	0.037 AC	CONSTRUCTION	
OGTO169TE							0.042 AC	CONSTRUCTION	
OGTO172TE	AGG, L.L.C	29-07-308-001 TO 29-07-308-046; 28-12-415-018 TO 28-12-415-041	7.298 AC	-	-	7.298 AC	0.042 AC	CONSTRUCTION	



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**PLAT OF HIGHWAYS**  
STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION  
F.A.U. 1602 (IL 83)  
KEDZIE AVENUE TO WESTERN AVENUE

SECTION: I-294 AT I-57  
PROJECT: STATION: 5998+62.57  
SCALE: 1" = 30'

COUNTY: COOK  
JOB NO. R-90-004-09  
TO STATION: 6005+00  
SHEET A2 OF A16

**PART OF SECTION 7, T36N, R14E, OF THE 3RD PM, COOK COUNTY, ILLINOIS**

**LEGEND**

SECTION CORNER  
QUARTER SECTION CORNER  
CENTER OF SECTION

EXISTING CENTERLINE  
EXISTING RIGHT OF WAY LINE  
PROPOSED CENTERLINE  
PROPOSED RIGHT OF WAY LINE  
PROPOSED TEMPORARY EASEMENT LINE  
PROPOSED PERMANENT EASEMENT LINE  
SECTION LINE  
QUARTER SECTION LINE  
PLATTED LOT LINE  
PROPERTY (DEED) LINE  
APL  
A/C  
123.45'  
(123.45')

BEARINGS AND COORDINATES SHOWN HEREON ARE BASED ON THE ILLINOIS STATE PLANE COORDINATE SYSTEM, EAST ZONE, NAD83-CORS

FOUND IRON PIPE OR IRON ROD  
SET 5/8 INCH IRON ROD OR MAG NAIL  
PERMANENT SURVEY MONUMENT, I.D.O.T. STD, 2135  
(TO BE SET BY OTHERS)  
CUT CROSS FOUND OR SET  
FOUND CONCRETE RIGHT-OF-WAY MARKER

SAME OWNERSHIP

FENCE LINE  
SIGN

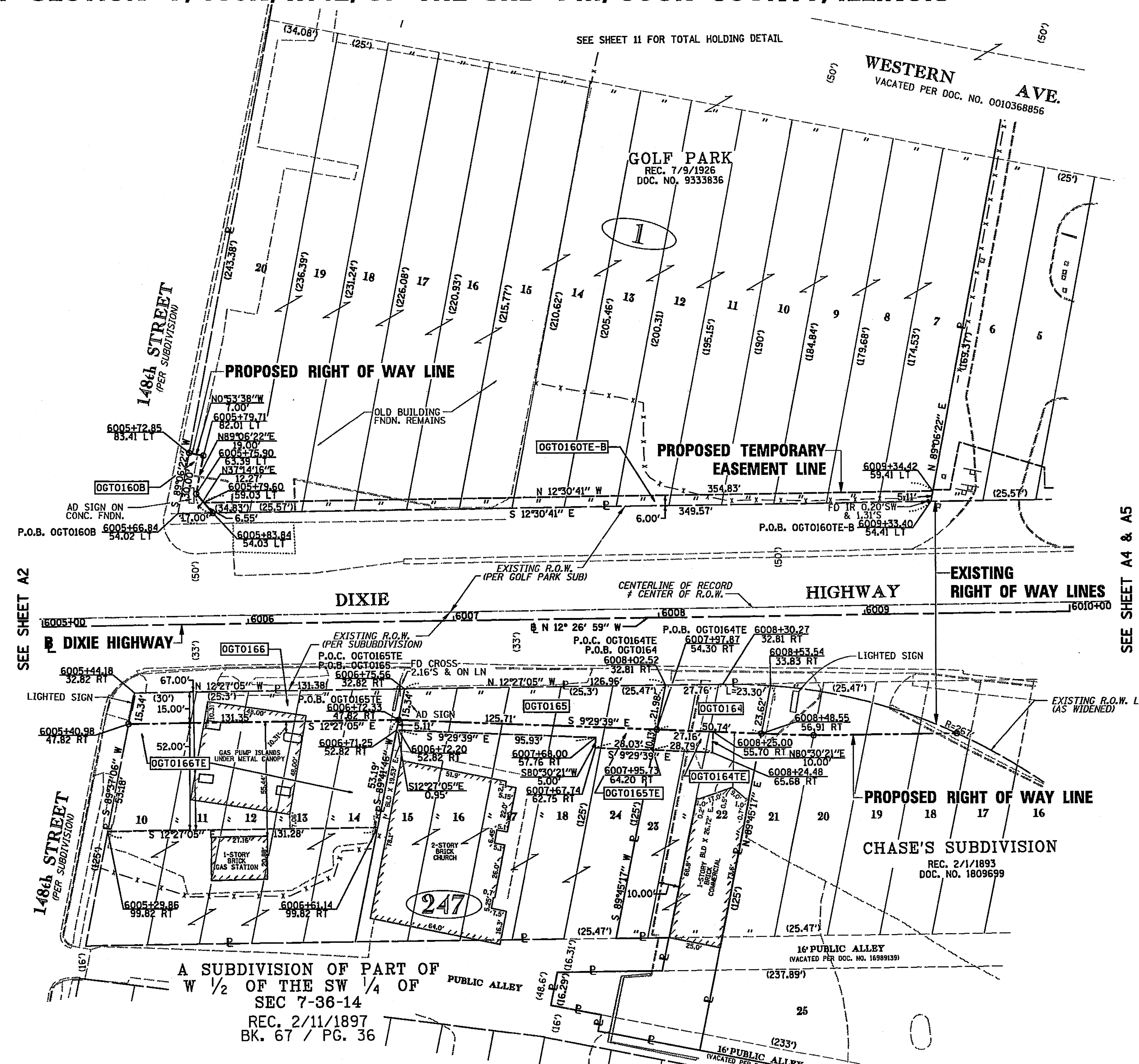
T1 THESE STAKES REFERENCE FOUND OR SET MONUMENTATION. SET 5/8 INCH IRON ROD FLUSH WITH GROUND. IDENTIFIED BY COLORED PLASTIC CAP BEARING SURVEYORS REGISTRATION NUMBER.  
T2  
T3

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

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

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

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

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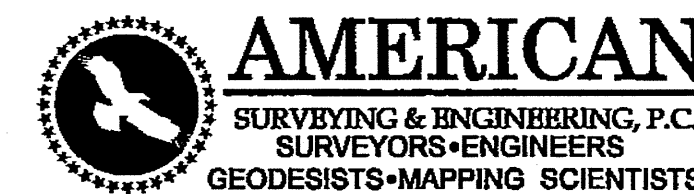
DATED AT CHICAGO, ILLINOIS THIS 6TH DAY OF FEBRUARY, 2012.

*[Signature]*  
COVENTINE FIDIS  
ILLINOIS PROFESSIONAL LAND SURVEYOR NO. 2159  
LICENSE EXPIRATION DATE 11/30/2012



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

PARCEL NO.	OWNER	PERMANENT INDEX NUMBER	TOTAL HOLDING	AREA TAKING	PREVIOUSLY DEDICATED	REMAINDER	EASEMENTS TEMPORARY	EASEMENT PURPOSE	PROPERTY ACQUIRED BY
OGT0160	AGG, L.L.C SEE SHEET 4								
OGT0164	TODD KLEIN	29-07-301-055 29-07-301-056	0.204 AC	0.027 AC	—	0.177 AC	0.006 AC (280 SF)	CONSTRUCTION	
OGT0165	KHALID J. SIDDIQUI	29-07-301-012 TO 29-07-301-016	0.356 AC	0.053 AC	—	0.303 AC	0.018 AC	CONSTRUCTION	
OGT0166	DARTMOOR CORPORATION ILLINOIS CORPORATION	29-07-301-060	0.369 AC	0.045 AC	—	0.324 AC	0.157 AC	CONSTRUCTION	



105 W. Madison St. Suite 1700  
Chicago, IL 60602  
312.271-2000 / Fax 312.271-2002

GRAPHIC SCALE



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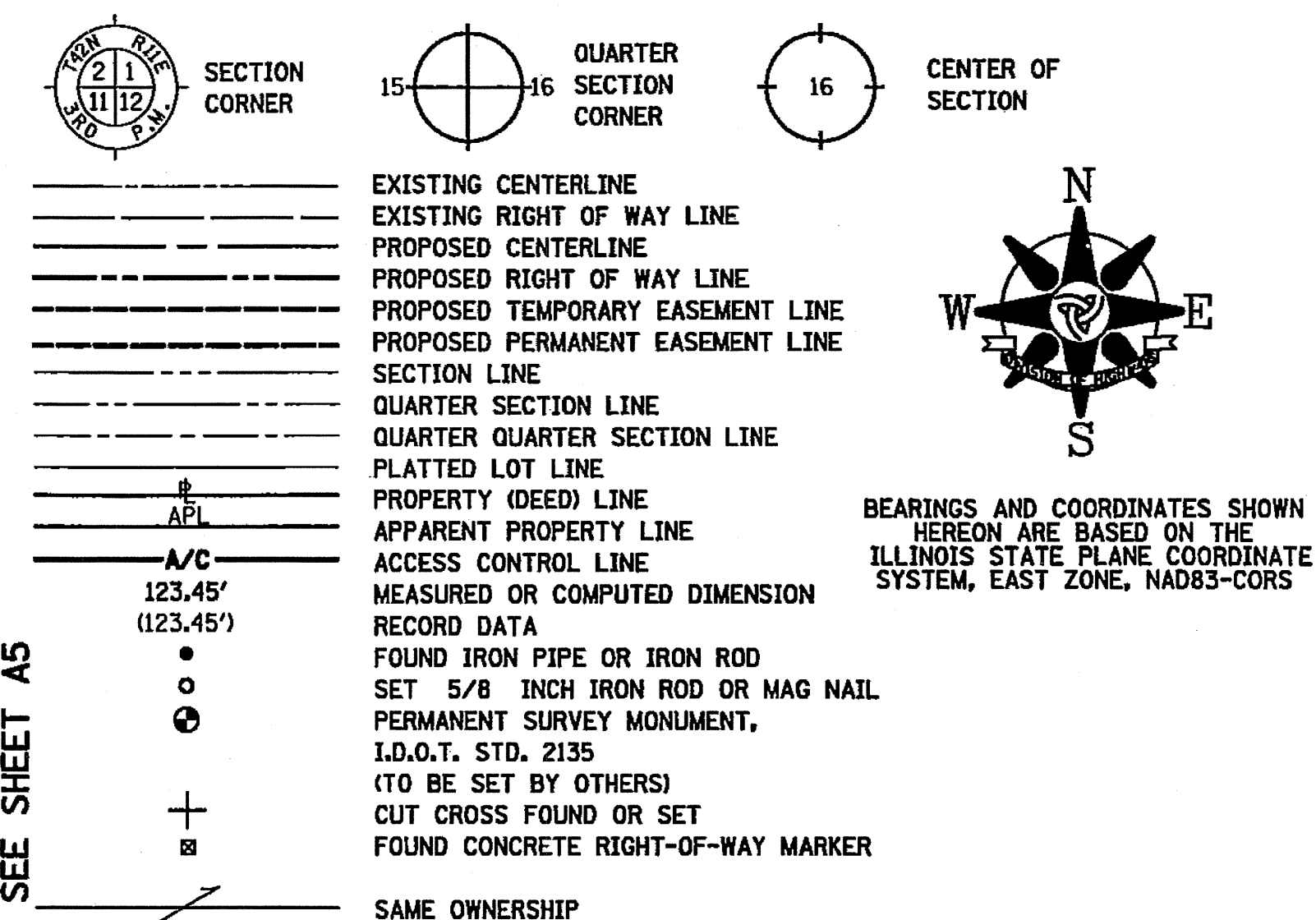
MAR 09 2012  
PLATS & LEGALS

**PLAT OF HIGHWAYS**  
STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION  
F.A.U. 1602 (IL 83)  
KEDZIE AVENUE TO WESTERN AVENUE

SECTION: I-294 AT I-57 COUNTY: COOK  
PROJECT: JOB NO. R-90-004-09  
SCALE: 1" = 30' TO STATION: 6010+00  
SHEET A3 OF A16

**PART OF SECTION 12, T36N, R13E & SECTION 7, T36N, R14E, OF THE 3RD PM, COOK COUNTY, ILLINOIS**

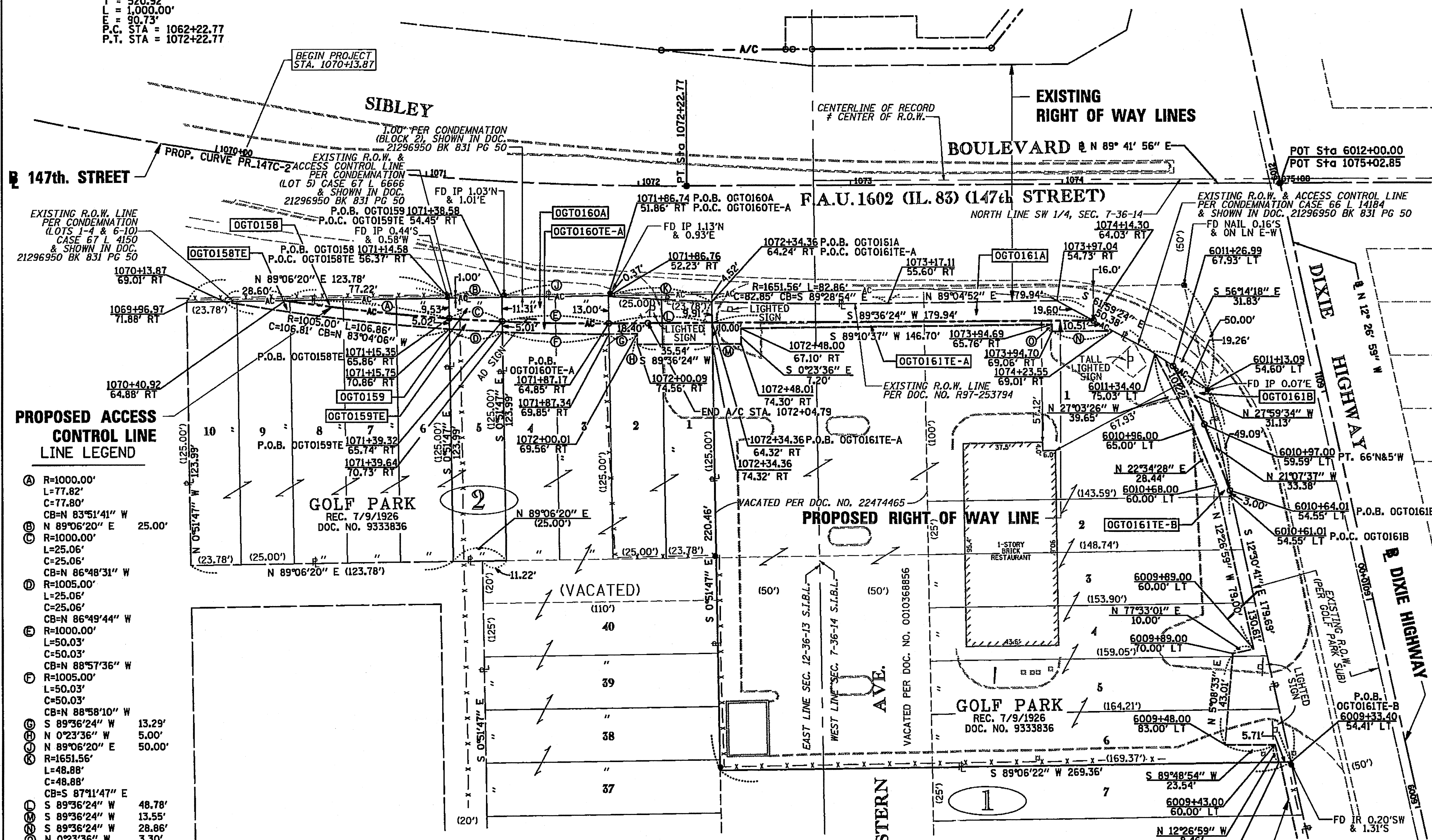
**LEGEND**



BEARINGS AND COORDINATES SHOWN HEREON ARE BASED ON THE ILLINOIS STATE PLANE COORDINATE SYSTEM, EAST ZONE, NAD83-CORS

PROP. CURVE PR.147C-2  
 PI STA. = 1067+43.69  
 Δ = 39° 31' 20" (LT)  
 D = 3' 57" 08"  
 R = 1,450.00'  
 T = 520.92'  
 L = 1,000.00'  
 E = 90.73'  
 P.C. STA. = 1062+22.77  
 P.T. STA. = 1072+22.77

SEE SHEET A6 & A9



**PROPOSED ACCESS CONTROL LINE LEGEND**

- A R=1000.00'  
L=77.82'  
C=77.80'  
CB=N 83°51'41" W  
N 89°06'20" E 25.00'
- B R=1000.00'  
L=25.06'  
C=25.06'  
CB=N 86°48'31" W  
R=1005.00'  
L=25.05'  
C=25.05'  
CB=N 86°49'44" W  
R=1000.00'  
L=50.03'  
C=50.03'  
CB=N 88°57'36" W  
R=1005.00'  
L=50.03'  
C=50.03'
- C R=1000.00'  
L=77.82'  
C=77.80'  
CB=N 83°51'41" W  
N 89°06'20" E 25.00'
- D R=1000.00'  
L=25.06'  
C=25.06'  
CB=N 86°48'31" W  
R=1005.00'  
L=25.05'  
C=25.05'  
CB=N 86°49'44" W  
R=1000.00'  
L=50.03'  
C=50.03'  
CB=N 88°57'36" W  
R=1005.00'  
L=50.03'  
C=50.03'
- E R=1000.00'  
L=77.82'  
C=77.80'  
CB=N 83°51'41" W  
N 89°06'20" E 25.00'
- F R=1000.00'  
L=25.06'  
C=25.06'  
CB=N 86°48'31" W  
R=1005.00'  
L=25.05'  
C=25.05'  
CB=N 86°49'44" W  
R=1000.00'  
L=50.03'  
C=50.03'  
CB=N 88°57'36" W  
R=1005.00'  
L=50.03'  
C=50.03'
- G R=1000.00'  
L=77.82'  
C=77.80'  
CB=N 83°51'41" W  
N 89°06'20" E 25.00'
- H R=1000.00'  
L=25.06'  
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CB=N 86°48'31" W  
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CB=N 83°51'41" W  
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CB=N 86°48'31" W  
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CB=N 86°49'44" W  
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CB=N 86°48'31" W  
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CB=N 86°49'44" W  
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CB=N 83°51'41" W  
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CB=N 86°48'31" W  
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CB=N 86°49'44" W  
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- X R=1000.00'  
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R=1000.00'  
L=50.03'  
C=50.03'  
CB=N 88°57'36" W  
R=1005.00'  
L=50.03'  
C=50.03'

SEE SHEET A5

SEE SHEET A3

SEE SHEET 11 FOR TOTAL HOLDING DETAIL

PARCEL NO.	OWNER	PERMANENT INDEX NUMBER	TOTAL HOLDING	AREA TAKING	PREVIOUSLY DEDICATED	REMAINDER	EASEMENTS TEMPORARY	EASEMENT PURPOSE	PROPERTY ACQUIRED BY
OGTO158	CHICAGO CITY BANK AND TRUST COMPANY AS TRUSTEE U/T/A DATED 1/28/1988 AS NO. 11426	28-12-411-041	0.352 AC	0.009 AC (1407 SF)	—	0.343 AC	0.011 AC	CONSTRUCTION	
OGTO159	FOSMA LANDS, INC., AN ILLINOIS DISSOLVED CORPORATION	28-12-411-006	0.071 AC	0.006 AC (262 SF)	—	0.065 AC	0.003 AC (125 SF)	CONSTRUCTION	
OGTO160A	AGG, L.L.C.	28-12-411-024 TO 28-12-411-040	3.963 AC	0.027 AC	—	3.930 AC	0.015 AC	CONSTRUCTION	
OGTO160B		28-12-411-043 (PT) TO 28-12-411-045		0.006 AC (251 SF)			0.040 AC	CONSTRUCTION	
OGTO160E-A		29-07-300-007 TO 29-07-300-014		0.006 AC (251 SF)			0.013 AC	CONSTRUCTION	
OGTO160E-B		29-07-300-016 TO 29-07-300-021		0.006 AC (251 SF)			0.041 AC	CONSTRUCTION	
OGTO161A	McDONALD'S CORPORATION, A DELAWARE CORPORATION	28-12-411-043 (PT) TO 29-07-300-001	1.211 AC	0.035 AC	—	1.170 AC	0.013 AC	CONSTRUCTION	
OGTO161E-A		29-07-300-006 TO 28-12-411-056		0.006 AC (265 SF)			0.041 AC	CONSTRUCTION	
OGTO161B		29-07-300-006 TO 28-12-411-056		0.006 AC (265 SF)			0.041 AC	CONSTRUCTION	
OGTO161E-B		29-07-300-020		0.006 AC (265 SF)			0.041 AC	CONSTRUCTION	

CALCULATIONS BY: E. SLADEK

DRAFTING BY: B. TRAVER / E. SLADEK

CHECKED BY: C. FIDIS

REVISION DATE: 2/6/2012

ASE JOB NO. 209021

- T1 THESE STAKES REFERENCE FOUND OR SET MONUMENTATION. SET 5/8 INCH IRON ROD FLUSH WITH GROUND. IDENTIFIED BY COLORED PLASTIC CAP BEARING SURVEYORS REGISTRATION NUMBER.
- T2
- T3
- BT1 THESE STAKES, IN CULTIVATED AREAS, REFERENCE FOUND OR SET MONUMENTATION. BURIED 5/8 INCH IRON ROD 20 INCHES BELOW GROUND SURFACE. IDENTIFIED BY COLORED PLASTIC CAP BEARING SURVEYORS REGISTRATION NUMBER.
- BT2
- BT3
- STAKING OF PROPOSED RIGHT OF WAY. SET DIVISION OF HIGHWAYS SURVEY MARKER TO MONUMENT THE POSITION SHOWN. IDENTIFIED BY INSCRIPTION DATA AND SURVEYORS REGISTRATION NUMBER.
- M STAKING OF PROPOSED RIGHT OF WAY IN CULTIVATED AREAS. BURIED 5/8 INCH IRON ROD 20 INCHES BELOW GROUND SURFACE TO MARK FUTURE SURVEY MARKER POSITION. IDENTIFIED BY COLORED PLASTIC CAP AND SURVEYORS REGISTRATION NUMBER.
- U STAKING OF PROPOSED RIGHT OF WAY IN CLOSE PROXIMITY TO UNDERGROUND UTILITIES. SET DIVISION OF HIGHWAYS SURVEY MARKER ON 5/8 INCH IRON ROD (BETWEEN 6 INCHES AND 12 INCHES IN LENGTH) TO MONUMENT THE POSITION SHOWN. IDENTIFIED BY INSCRIPTION DATA AND SURVEYORS REGISTRATION NUMBER.

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

THIS IS TO CERTIFY THAT I, COVENTINE FIDIS, AN ILLINOIS PROFESSIONAL LAND SURVEYOR, HAVE SURVEYED THE PLAT OF HIGHWAYS SHOWN HEREON IN SECTION 12, TOWNSHIP 36 NORTH, RANGE 13 EAST AND SECTION 7, TOWNSHIP 36 NORTH, RANGE 14 EAST OF THE THIRD PRINCIPAL MERIDIAN, IN COOK COUNTY, THAT THE PLAT CORRECTLY REPRESENTS SAID SURVEY, THAT ALL MONUMENTS FOUND AND ESTABLISHED ARE OF PERMANENT QUALITY AND OCCUPY THE POSITIONS SHOWN THEREON AND THAT THE MONUMENTS ARE SUFFICIENT TO ENABLE THE SURVEY TO BE RETRACED. MADE FOR THE DEPARTMENT OF TRANSPORTATION, STATE OF ILLINOIS.

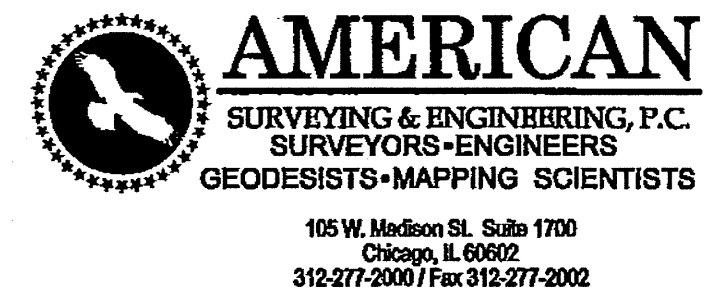
DATED AT CHICAGO, ILLINOIS THIS 6TH DAY OF FEBRUARY, 2012.

*[Signature]*  
 COVENTINE FIDIS  
 ILLINOIS PROFESSIONAL LAND SURVEYOR NO. 2159  
 LICENSE EXPIRATION DATE 11/30/2012

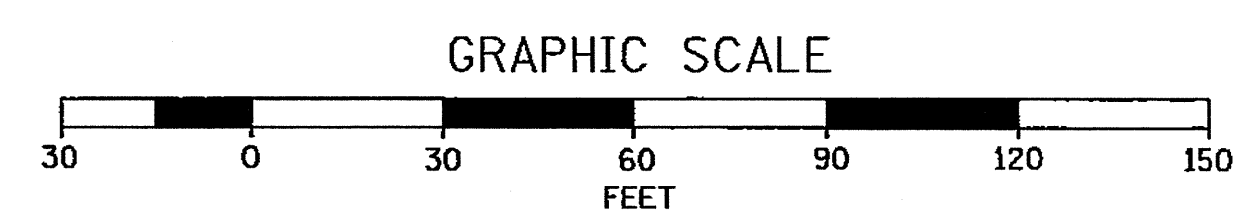


THIS PROFESSIONAL SERVICE CONFORMS TO THE CURRENT ILLINOIS MINIMUM SURVEY STANDARDS.

**PROPOSED TEMPORARY EASEMENT LINE**



RECEIVED  
 MAR 09 2012  
 PLATS & LEGALS



**PLAT OF HIGHWAYS**  
 STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION  
 F.A.U. 1602 (IL 83)  
 KEDZIE AVENUE TO WESTERN AVENUE

SECTION: I-294 AT I-57 COUNTY: COOK  
 PROJECT: JOB NO. R-90-004-09  
 STATION: 1070+13.87 TO STATION: 1075+00  
 STATION: 6009+00 TO STATION: 6012+00  
 SCALE: 1" = 30' SHEET A4 OF A16

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

286 of 577

**PART OF SECTION 7, T36N, R14E, OF THE 3RD PM, COOK COUNTY, ILLINOIS**

**LEGEND**

SECTION CORNER  
QUARTER SECTION CORNER  
CENTER OF SECTION

EXISTING CENTERLINE  
EXISTING RIGHT OF WAY LINE  
PROPOSED CENTERLINE  
PROPOSED RIGHT OF WAY LINE  
PROPOSED TEMPORARY EASEMENT LINE  
PROPOSED PERMANENT EASEMENT LINE  
SECTION LINE  
QUARTER SECTION LINE  
QUARTER QUARTER SECTION LINE  
PLATTED LOT LINE  
PROPERTY (DEED) LINE  
APL APPARENT PROPERTY LINE  
A/C ACCESS CONTROL LINE  
123.45' MEASURED OR COMPUTED DIMENSION (123.45')  
RECORD DATA  
FOUND IRON PIPE OR IRON ROD  
SET 5/8 INCH IRON ROD OR MAG NAIL  
PERMANENT SURVEY MONUMENT, I.D.O.T. STD. 2135 (TO BE SET BY OTHERS)  
CUT CROSS FOUND OR SET  
FOUND CONCRETE RIGHT-OF-WAY MARKER

BEARINGS AND COORDINATES SHOWN HEREON ARE BASED ON THE ILLINOIS STATE PLANE COORDINATE SYSTEM, EAST ZONE, NAD83-CORS

- T1 THESE STAKES REFERENCE FOUND OR SET MONUMENTATION. SET 1/4 INCH IRON ROD FLUSH WITH GROUND. IDENTIFIED BY COLORED PLASTIC CAP BEARING SURVEYORS REGISTRATION NUMBER.
- BT1 THESE STAKES, IN CULTIVATED AREAS, REFERENCE FOUND OR SET MONUMENTATION. BURIED 1/4 INCH IRON ROD 20 INCHES BELOW GROUND SURFACE. IDENTIFIED BY COLORED PLASTIC CAP BEARING SURVEYORS REGISTRATION NUMBER.
- STAKING OF PROPOSED RIGHT OF WAY. SET DIVISION OF HIGHWAYS SURVEY MARKER TO MONUMENT THE POSITION SHOWN. IDENTIFIED BY INSCRIPTION DATA AND SURVEYORS REGISTRATION NUMBER.
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- U STAKING OF PROPOSED RIGHT OF WAY IN CLOSE PROXIMITY TO UNDERGROUND UTILITIES. SET DIVISION OF HIGHWAYS SURVEY MARKER ON 1/4 INCH IRON ROD (BETWEEN 6 INCHES AND 12 INCHES IN LENGTH) TO MONUMENT THE POSITION SHOWN. IDENTIFIED BY INSCRIPTION DATA AND SURVEYORS REGISTRATION NUMBER.

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

THIS IS TO CERTIFY THAT I, COVENTINE FIDIS, AN ILLINOIS PROFESSIONAL LAND SURVEYOR, HAVE SURVEYED THE PLAT OF HIGHWAYS SHOWN HEREON IN SECTION 7, TOWNSHIP 36 NORTH, RANGE 14 EAST OF THE THIRD PRINCIPAL MERIDIAN, IN COOK COUNTY, THAT THE PLAT CORRECTLY REPRESENTS SAID SURVEY, THAT ALL MONUMENTS FOUND AND ESTABLISHED ARE OF PERMANENT QUALITY AND OCCUPY THE POSITIONS SHOWN THEREON AND THAT THE MONUMENTS ARE SUFFICIENT TO ENABLE THE SURVEY TO BE RETRACED. MADE FOR THE DEPARTMENT OF TRANSPORTATION, STATE OF ILLINOIS.

DATED AT CHICAGO, ILLINOIS THIS 6TH DAY OF FEBRUARY, 2012.

*[Signature]*  
COVENTINE FIDIS  
ILLINOIS PROFESSIONAL LAND SURVEYOR NO. 2159  
LICENSE EXPIRATION DATE 11/30/2012



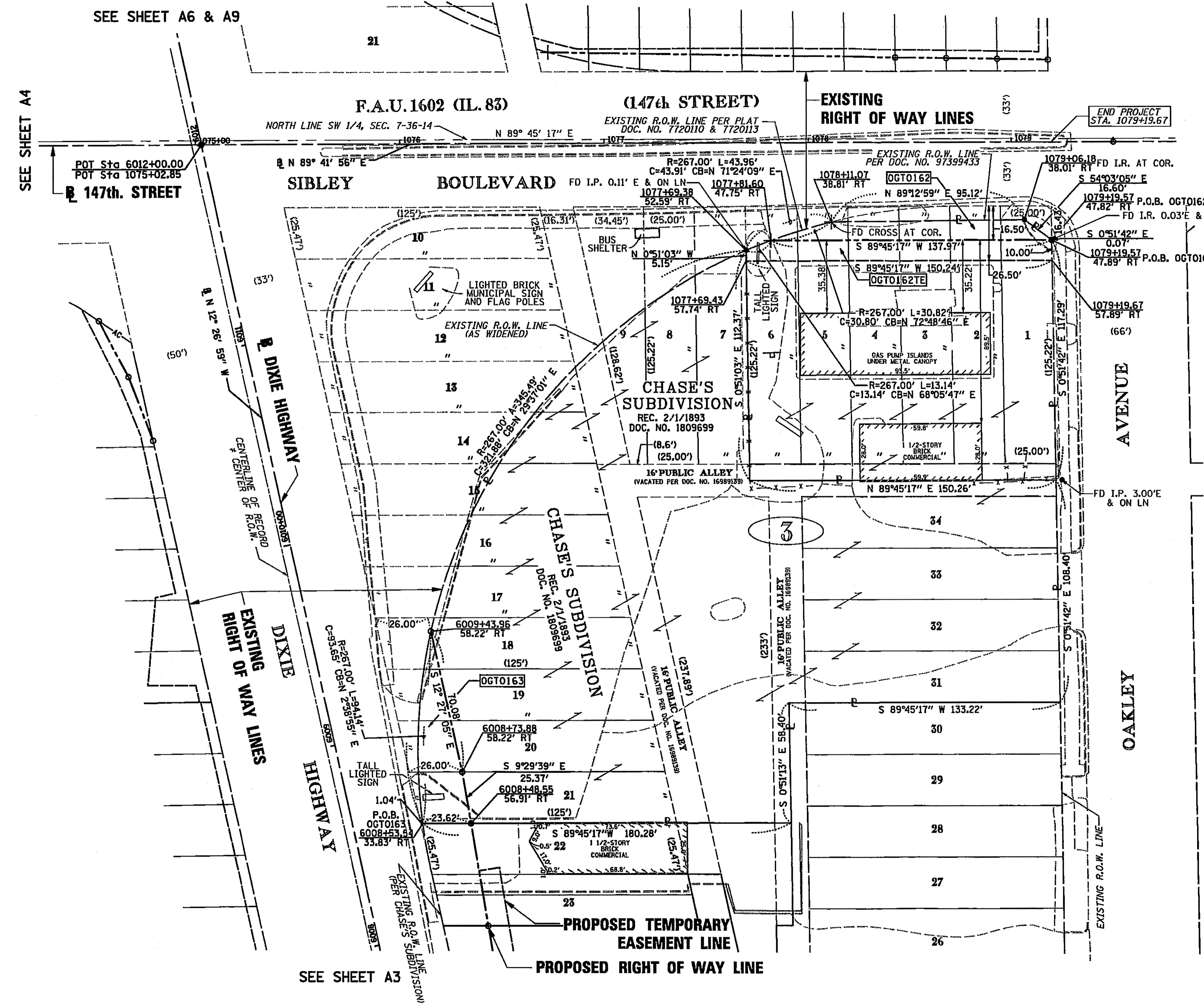
THIS PROFESSIONAL SERVICE CONFORMS TO THE CURRENT ILLINOIS MINIMUM SURVEY STANDARDS.

RECEIVED  
MAR 09 2012  
PLATS & LEGALS

**PLAT OF HIGHWAYS**  
STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION  
F.A.U. 1602 (IL 83)  
KEDZIE AVENUE TO WESTERN AVENUE

SECTION: I-294 AT I-57     COUNTY: COOK  
PROJECT:                     JOB NO. R-90-004-09  
STATION: 6008+00         TO STATION: 6012+00  
STATION: 1075+00         TO STATION: 1079+19.67  
SCALE: 1" = 30'             SHEET A5 OF A16

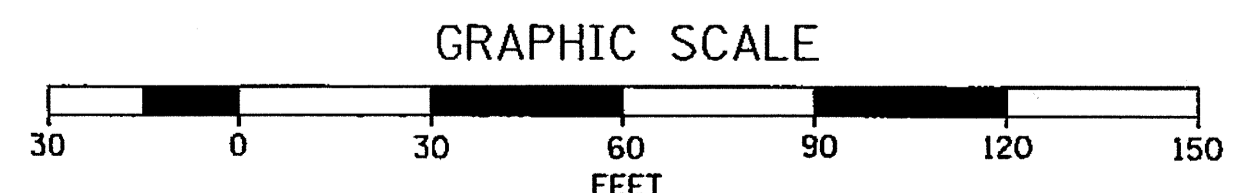
BUREAU OF LAND ACQUISITION  
201 WEST CENTER COURT  
SCHAUMBURG, ILLINOIS 60196     287 of 577



PARCEL NO.	OWNER	PERMANENT INDEX NUMBER	TOTAL HOLDING	AREA TAKING	PREVIOUSLY DEDICATED	REMAINDER	EASEMENTS		EASEMENT PURPOSE	PROPERTY ACQUIRED BY
							TEMP	PERM		
OGT0162	T.G.S. PETROLEUM, INC., AN ILLINOIS CORPORATION	29-07-301-051	0.429 AC	0.025 AC	-	0.404 AC				
OGT0162TE							0.034 AC		CONSTRUCTION	
OGT0163	KHALID J. SIDDIQUI	29-07-301-052	1.192 AC	0.032 AC	-	1.160 AC				

**AMERICAN**  
SURVEYING & ENGINEERING, P.C.  
SURVEYORS-ENGINEERS  
GEODESISTS-MAPPING SCIENTISTS

105 W. Madison St. Suite 1700  
Chicago, IL 60602  
312-277-2000 / Fax: 312-277-2002



**PART OF SECTION 7, T36N, R14E, OF THE 3RD PM, COOK COUNTY, ILLINOIS**

**LEGEND**

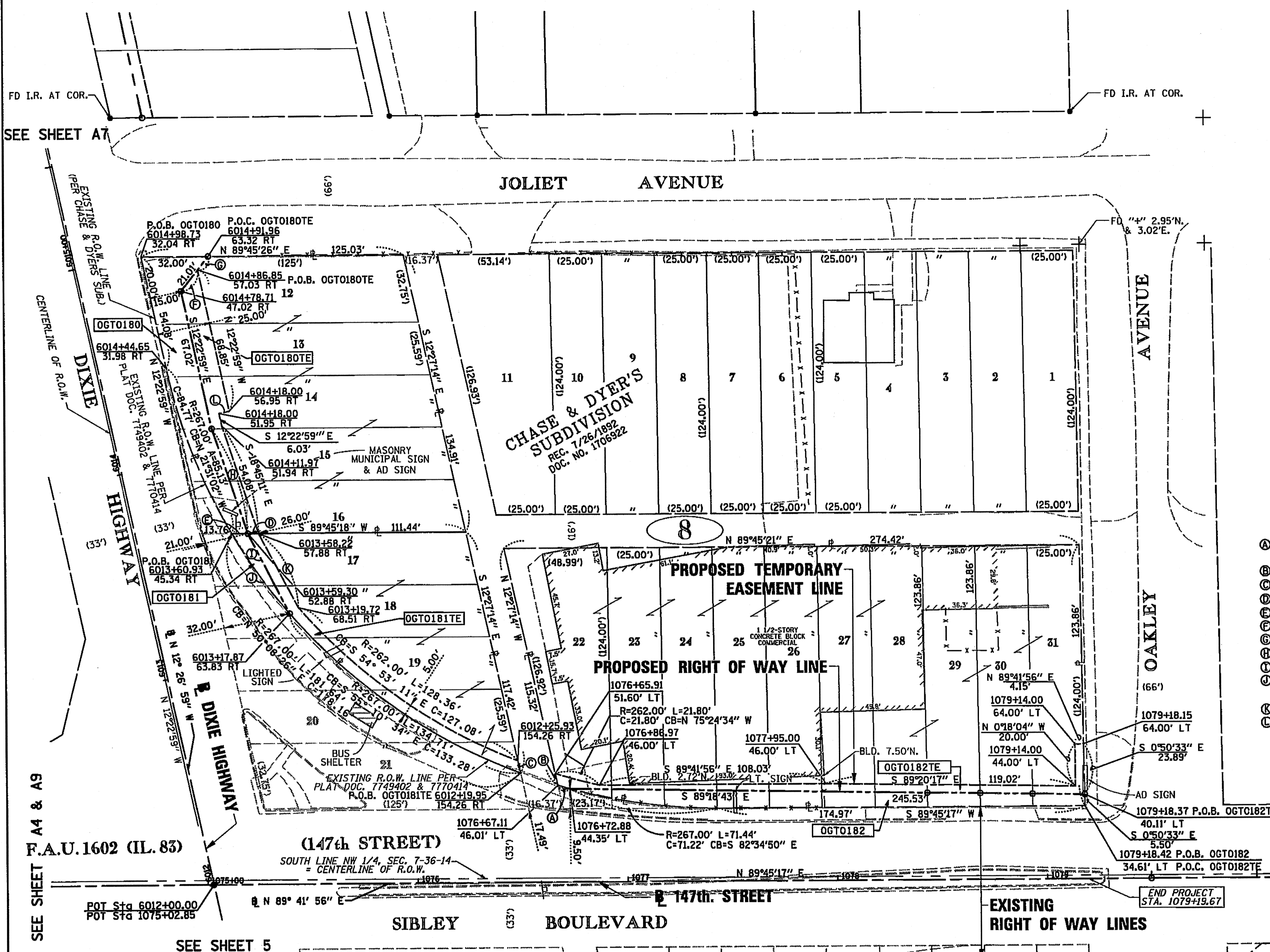
SECTION CORNER  
QUARTER SECTION CORNER  
CENTER OF SECTION

EXISTING CENTERLINE  
EXISTING RIGHT OF WAY LINE  
PROPOSED CENTERLINE  
PROPOSED RIGHT OF WAY LINE  
PROPOSED TEMPORARY EASEMENT LINE  
PROPOSED PERMANENT EASEMENT LINE  
SECTION LINE  
QUARTER SECTION LINE  
QUARTER QUARTER SECTION LINE  
PLATTED LOT LINE  
PROPERTY (DEED) LINE  
APPARENT PROPERTY LINE  
ACCESS CONTROL LINE  
MEASURED OR COMPUTED DIMENSION  
RECORD DATA  
FOUND IRON PIPE OR IRON ROD  
SET 5/8 INCH IRON ROD OR MAG NAIL  
PERMANENT SURVEY MONUMENT, I.D.O.T. STD. 2135  
(TO BE SET BY OTHERS)  
CUT CROSS FOUND OR SET  
FOUND CONCRETE RIGHT-OF-WAY MARKER

SAME OWNERSHIP

FENCE LINE  
SIGN

BEARINGS AND COORDINATES SHOWN HEREON ARE BASED ON THE ILLINOIS STATE PLANE COORDINATE SYSTEM, EAST ZONE, NAD83-CORS



**LINE LEGEND**

- ⊙ R=267.00' L=6.00'
- ⊙ CB=N 74°16'20" W C=6.00'
- ⊙ N 12°27'14" W 5.72'
- ⊙ S 12°27'14" E 5.97'
- ⊙ S 89°45'18" W 5.11'
- ⊙ N 89°45'18" E 7.72'
- ⊙ N 38°26'24" E 12.90'
- ⊙ S 38°26'24" W 8.11'
- ⊙ S 18°55'02" E 52.73'
- ⊙ S 27°15'15" E 42.86'
- ⊙ R=267.00' L=46.93'
- ⊙ CB=N 35°41'13" W C=46.87'
- ⊙ S 27°53'24" E 39.95'
- ⊙ S 77°33'01" W 5.00'

- T1 THESE STAKES REFERENCE FOUND OR SET MONUMENTATION. SET 3/8 INCH IRON ROD FLUSH WITH GROUND. IDENTIFIED BY COLORED PLASTIC CAP BEARING SURVEYORS REGISTRATION NUMBER.
- BT1 THESE STAKES, IN CULTIVATED AREAS, REFERENCE FOUND OR SET MONUMENTATION. BURIED 3/8 INCH IRON ROD 20 INCHES BELOW GROUND SURFACE. IDENTIFIED BY COLORED PLASTIC CAP BEARING SURVEYORS REGISTRATION NUMBER.
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STATE OF ILLINOIS )  
COUNTY OF COOK ) S.S.

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DATED AT CHICAGO, ILLINOIS THIS 6TH DAY OF FEBRUARY, 2012.

*[Signature]*  
COVENTINE FIDIS  
ILLINOIS PROFESSIONAL LAND SURVEYOR NO. 2159  
LICENSE EXPIRATION DATE 11/30/2012

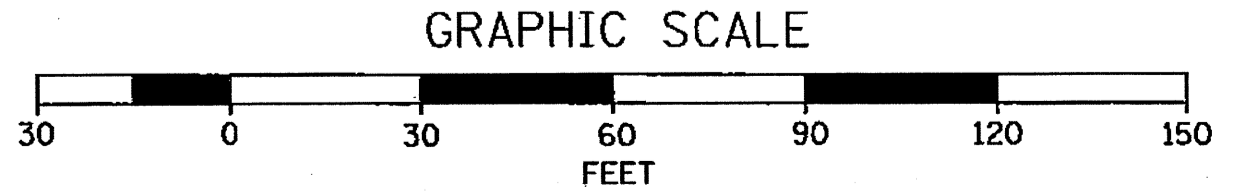


THIS PROFESSIONAL SERVICE CONFORMS TO THE CURRENT ILLINOIS MINIMUM SURVEY STANDARDS.

PARCEL NO.	OWNER	PERMANENT INDEX NUMBER	TOTAL HOLDING	AREA TAKING	PREVIOUSLY DEDICATED	REMAINDER	EASEMENTS TEMPORARY	EASEMENT PURPOSE	PROPERTY ACQUIRED BY
OGT0180	VILLAGE OF DIXMOOR	29-07-138-001	0.371 AC	0.045 AC	-	0.326 AC	0.022 AC	CONSTRUCTION	
OGT0180TE		29-07-138-005							
OGT0181	IKOPEDO DIXMOOR, LLC	29-07-138-034	0.189 AC	0.004 AC (180 SF)	-	0.185 AC	0.020 AC	CONSTRUCTION	
OGT0181TE		29-07-138-034							
OGT0182	IKOPEDO DIXMOOR, LLC	29-07-138-028	0.738 AC	0.037 AC	-	0.701 AC	0.022 AC	CONSTRUCTION	
OGT0182TE		29-07-138-028							
OGT0182TE		29-07-138-031							

**AMERICAN**  
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105 W. Madison St. Suite 1700  
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312.271.2000 / Fax: 312.271.2002

RECEIVED  
MAR 09 2012  
PLATS & LEGALS



**PLAT OF HIGHWAYS**  
STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION  
F.A.U. 1602 (IL 83)  
KEDZIE AVENUE TO WESTERN AVENUE

SECTION: I-294 AT I-57  
PROJECT: STATION: 1075+00  
STATION: 6012+00  
SCALE: 1" = 30'

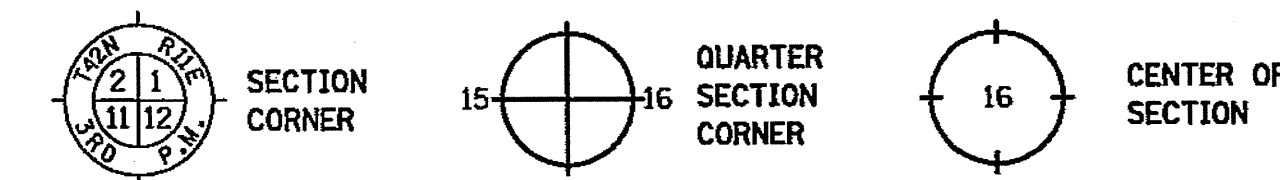
COUNTY: COOK  
JOB NO. R-90-004-09  
TO STATION: 1079+19.67  
TO STATION: 6015+50  
SHEET A6 OF A16

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



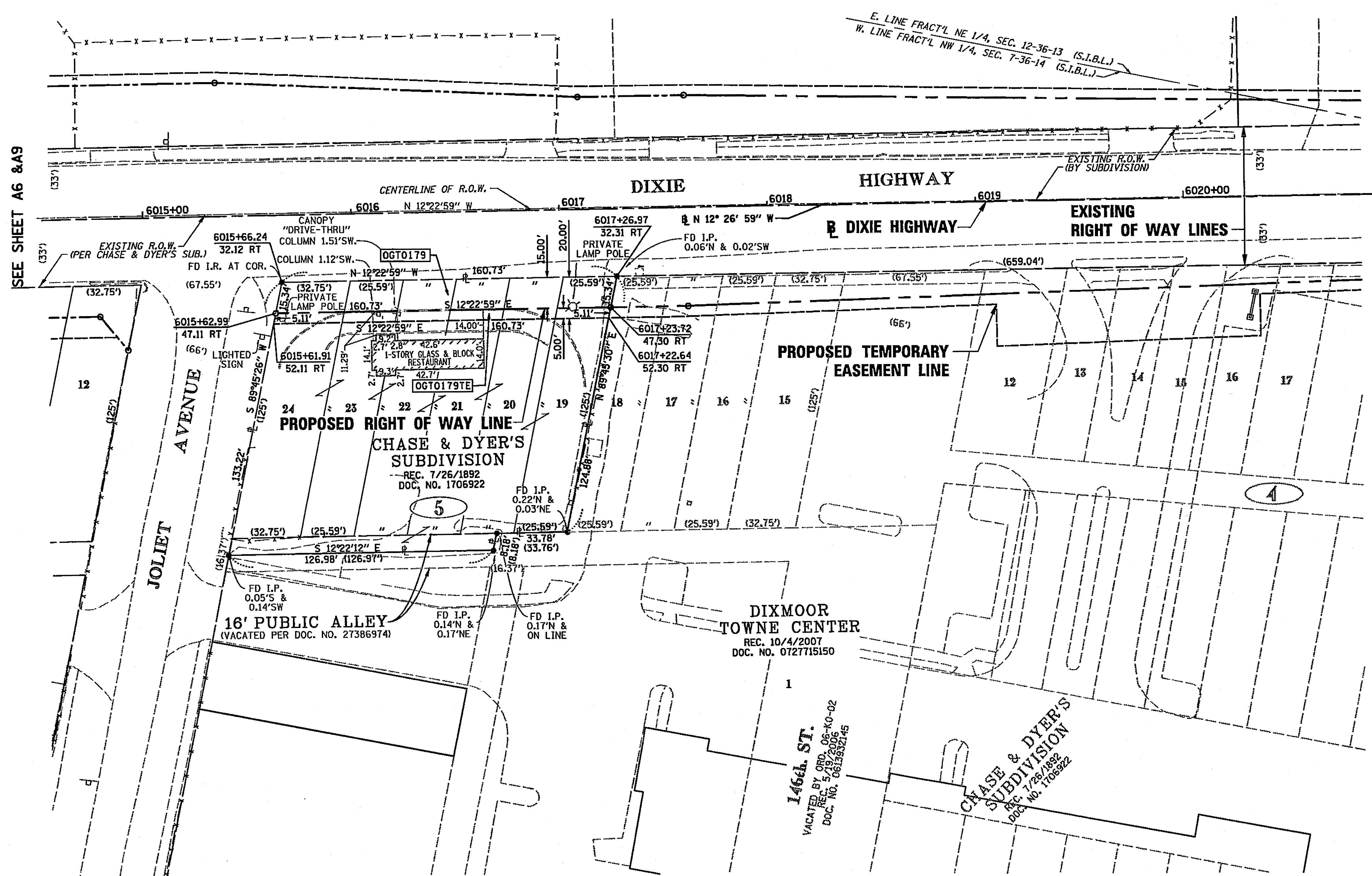
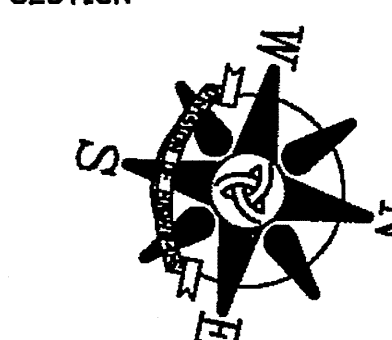
**PART OF SECTION 7, T36N, R14E, OF THE 3RD PM, COOK COUNTY, ILLINOIS**

**LEGEND**



- EXISTING CENTERLINE
- EXISTING RIGHT OF WAY LINE
- PROPOSED CENTERLINE
- PROPOSED RIGHT OF WAY LINE
- PROPOSED TEMPORARY EASEMENT LINE
- PROPOSED PERMANENT EASEMENT LINE
- SECTION LINE
- QUARTER SECTION LINE
- QUARTER QUARTER SECTION LINE
- PLATTED LOT LINE
- PROPERTY (DEED) LINE
- APL APPARENT PROPERTY LINE
- A/C ACCESS CONTROL LINE
- 123.45' (123.45')
- MEASURED OR COMPUTED DIMENSION
- RECORD DATA
- FOUND IRON PIPE OR IRON ROD
- SET 5/8 INCH IRON ROD OR MAG NAIL
- PERMANENT SURVEY MONUMENT, I.D.O.T. STD. 2135 (TO BE SET BY OTHERS)
- CUT CROSS FOUND OR SET
- FOUND CONCRETE RIGHT-OF-WAY MARKER
- SAME OWNERSHIP
- FENCE LINE SIGN

BEARINGS AND COORDINATES SHOWN HEREON ARE BASED ON THE ILLINOIS STATE PLANE COORDINATE SYSTEM, EAST ZONE, NAD83-CORS



SEE SHEET A8 & A10

SEE SHEET A6 & A9

- T1 THESE STAKES REFERENCE FOUND OR SET MONUMENTATION. SET 3/8 INCH IRON ROD FLUSH WITH GROUND. IDENTIFIED BY COLORED PLASTIC CAP BEARING SURVEYORS REGISTRATION NUMBER.
- BT1 THESE STAKES, IN CULTIVATED AREAS, REFERENCE FOUND OR SET MONUMENTATION. BURIED 3/8 INCH IRON ROD 20 INCHES BELOW GROUND SURFACE. IDENTIFIED BY COLORED PLASTIC CAP BEARING SURVEYORS REGISTRATION NUMBER.
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STATE OF ILLINOIS )  
                                  ) S.S.  
COUNTY OF COOK    )

THIS IS TO CERTIFY THAT I, COVENTINE FIDIS, AN ILLINOIS PROFESSIONAL LAND SURVEYOR, HAVE SURVEYED THE PLAT OF HIGHWAYS SHOWN HEREON IN SECTION 7, TOWNSHIP 36 NORTH, RANGE 14 EAST OF THE THIRD PRINCIPAL MERIDIAN, IN COOK COUNTY, THAT THE PLAT CORRECTLY REPRESENTS SAID SURVEY, THAT ALL MONUMENTS FOUND AND ESTABLISHED ARE OF PERMANENT QUALITY AND OCCUPY THE POSITIONS SHOWN THEREON AND THAT THE MONUMENTS ARE SUFFICIENT TO ENABLE THE SURVEY TO BE RETRACED. MADE FOR THE DEPARTMENT OF TRANSPORTATION, STATE OF ILLINOIS.

DATED AT CHICAGO, ILLINOIS THIS 6TH DAY OF FEBRUARY, 2012.

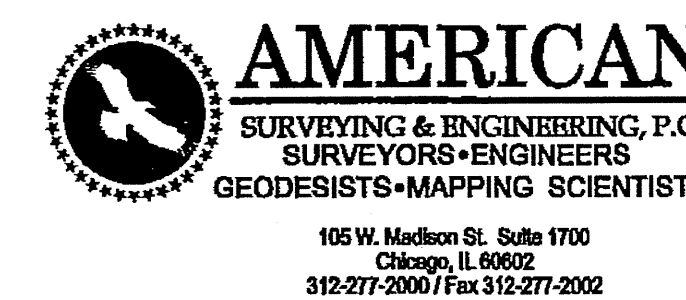
*[Signature]*

COVENTINE FIDIS  
ILLINOIS PROFESSIONAL LAND SURVEYOR NO. 2159  
LICENSE EXPIRATION DATE 11/30/2012

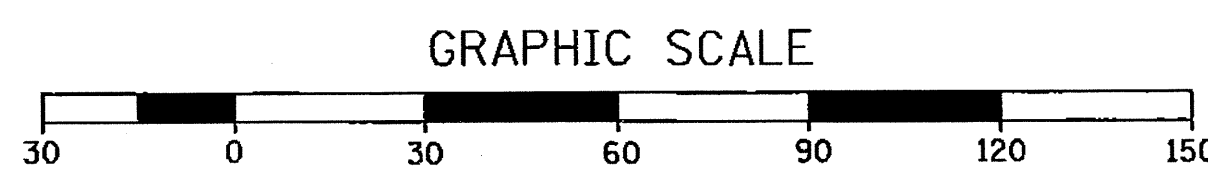


THIS PROFESSIONAL SERVICE CONFORMS TO THE CURRENT ILLINOIS MINIMUM SURVEY STANDARDS.

PARCEL NO.	OWNER	PERMANENT INDEX NUMBER	TOTAL HOLDING	AREA TAKING	PREVIOUSLY DEDICATED	REMAINDER	EASEMENTS TEMPORARY	EASEMENT PURPOSE	PROPERTY ACQUIRED BY
OGT0179	IKOPEDO SIBLEY, LLC, AN ILLINOIS LIMITED LIABILITY COMPANY	29-07-136-005	0.474 AC	0.055 AC	-	0.419 AC	0.018 AC	CONSTRUCTION	
OGT0179TE		TO 29-07-136-010							



RECEIVED  
MAR 09 2012  
PLATS & LEGALS



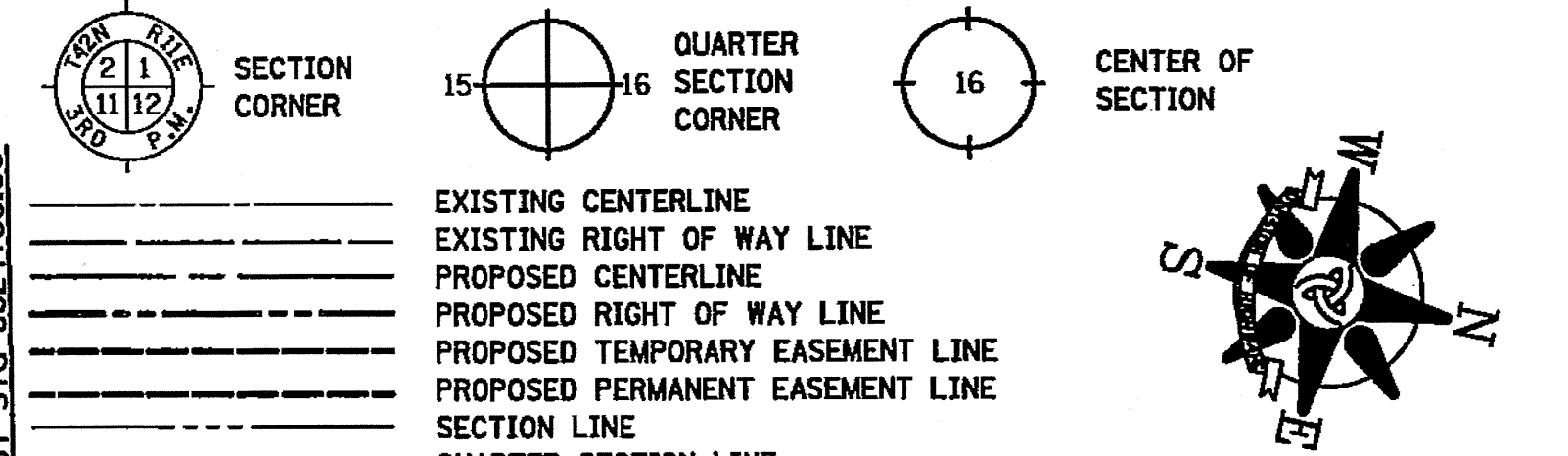
**PLAT OF HIGHWAYS**  
STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION  
F.A.U. 1602 (IL 83)  
KEDZIE AVENUE TO WESTERN AVENUE

SECTION: I-294 AT I-57      COUNTY: COOK  
PROJECT:                              JOB NO. R-90-004-09  
STATION: 6015+00              TO STATION: 6017+50  
SCALE: 1" = 30'                      SHEET A7 OF A16

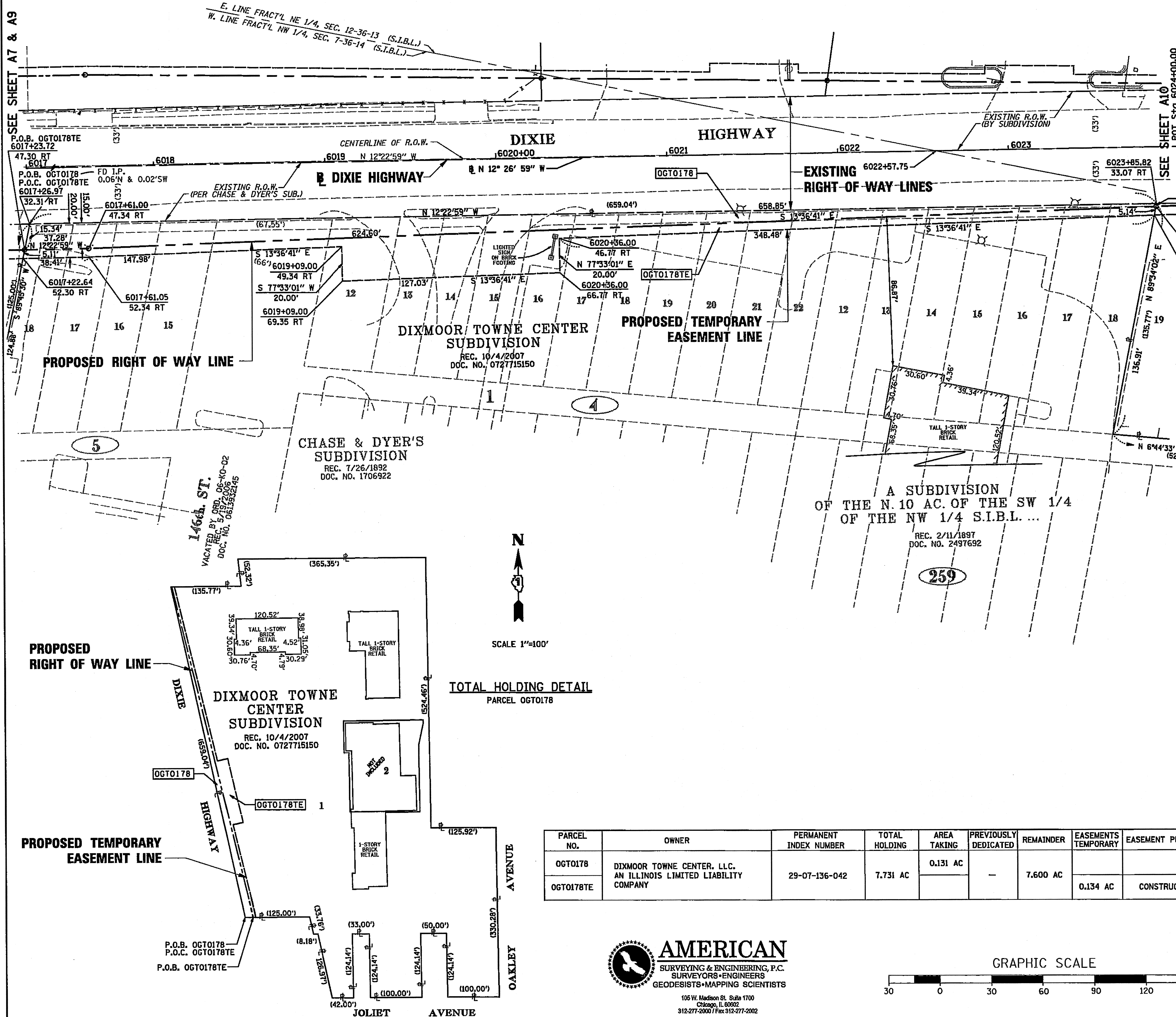
BUREAU OF LAND ACQUISITION  
201 WEST CENTER COURT  
SCHAUMBURG, ILLINOIS 60196      289 of 577

**PART OF SECTION 7, T36N, R14E, OF THE 3RD PM, COOK COUNTY, ILLINOIS**

**LEGEND**



BEARINGS AND COORDINATES SHOWN HEREON ARE BASED ON THE ILLINOIS STATE PLANE COORDINATE SYSTEM, EAST ZONE, NAD83-CORS



- T1 THESE STAKES REFERENCE FOUND OR SET MONUMENTATION. SET 3/8 INCH IRON ROD FLUSH WITH GROUND. IDENTIFIED BY COLORED PLASTIC CAP BEARING SURVEYORS REGISTRATION NUMBER.
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STATE OF ILLINOIS )  
 ) S.S.  
 COUNTY OF COOK )

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DATED AT CHICAGO, ILLINOIS THIS 6TH DAY OF FEBRUARY, 2012.

*[Signature]*  
 COVENTINE FIDIS  
 ILLINOIS PROFESSIONAL LAND SURVEYOR NO. 2159  
 LICENSE EXPIRATION DATE 11/30/2012

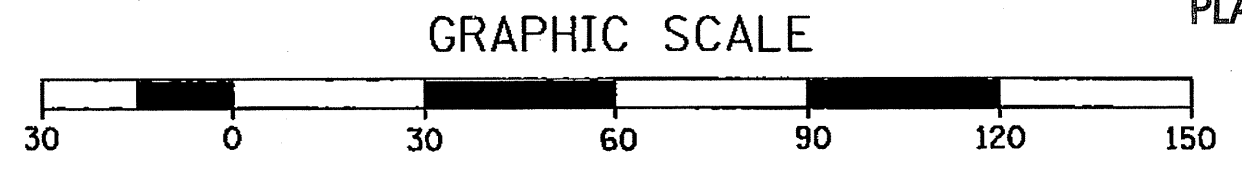
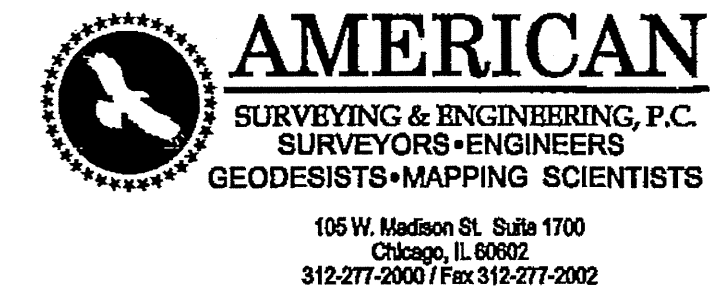


THIS PROFESSIONAL SERVICE CONFORMS TO THE CURRENT ILLINOIS MINIMUM SURVEY STANDARDS.

SCALE 1"=100'

**TOTAL HOLDING DETAIL**  
 PARCEL OGT0178

PARCEL NO.	OWNER	PERMANENT INDEX NUMBER	TOTAL HOLDING	AREA TAKING	PREVIOUSLY DEDICATED	REMAINDER	EASEMENTS TEMPORARY	EASEMENT PURPOSE	PROPERTY ACQUIRED BY
OGT0178	DIXMOOR TOWNE CENTER, LLC. AN ILLINOIS LIMITED LIABILITY COMPANY	29-07-136-042	7.731 AC	0.131 AC	-	7.600 AC	0.134 AC	CONSTRUCTION	
OGT0178TE									



RECEIVED  
 MAR 09 2012  
 PLATS & LEGALS

**PLAT OF HIGHWAYS**  
 STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION  
 F.A.U. 1602 (IL 83)  
 KEDZIE AVENUE TO WESTERN AVENUE  
 SECTION: I-294 AT I-57 COUNTY: COOK  
 PROJECT: JOB NO. R-90-004-09  
 SCALE: 1" = 30' TO STATION: 6024+00  
 SHEET AB OF A16

**BUREAU OF LAND ACQUISITION**  
 201 WEST CENTER COURT  
 SCHAMBURG, ILLINOIS 60196 290 of 577

**PART OF SECTION 12, T36N, R13E & SECTION 7, T36N, R14E, OF THE 3RD PM, COOK COUNTY, ILLINOIS**

**KINGERY RESUB...**  
REC. 4/8/1994  
DOC. NO. 94319694

**LINE LEGEND**

Ⓐ	N 89°34'06" E	71.22'
Ⓑ	S 89°34'06" W	12.46'
Ⓒ	N 00°25'54" W	15.00'
Ⓓ	N 89°34'06" E	12.46'
Ⓔ	S 00°25'54" E	10.00'
Ⓕ	S 89°34'06" E	32.65'

**LEGEND**

SECTION CORNER  
QUARTER SECTION CORNER  
CENTER OF SECTION

EXISTING CENTERLINE  
EXISTING RIGHT OF WAY LINE  
PROPOSED CENTERLINE  
PROPOSED RIGHT OF WAY LINE  
PROPOSED TEMPORARY EASEMENT LINE  
PROPOSED PERMANENT EASEMENT LINE  
SECTION LINE  
QUARTER SECTION LINE  
QUARTER QUARTER SECTION LINE  
PLATTED LOT LINE  
PROPERTY (DEED) LINE  
APPARENT PROPERTY LINE  
ACCESS CONTROL LINE  
MEASURED OR COMPUTED DIMENSION  
RECORD DATA  
FOUND IRON PIPE OR IRON ROD  
SET 5/8 INCH IRON ROD OR MAG NAIL  
PERMANENT SURVEY MONUMENT, I.D.O.T. STD. 2135 (TO BE SET BY OTHERS)  
CUT CROSS FOUND OR SET  
FOUND CONCRETE RIGHT-OF-WAY MARKER

SAME OWNERSHIP  
FENCE LINE  
SIGN

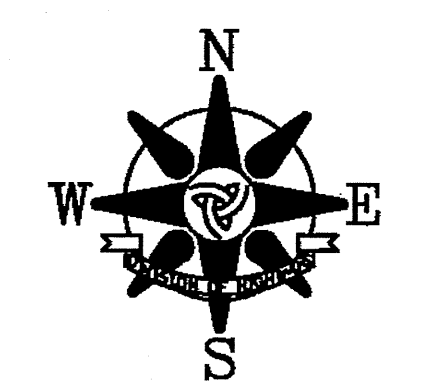
● T1 THESE STAKES REFERENCE FOUND OR SET MONUMENTATION. SET 3/4 INCH IRON ROD FLUSH WITH GROUND. IDENTIFIED BY COLORED PLASTIC CAP BEARING SURVEYORS REGISTRATION NUMBER.  
● T2  
● T3

● BT1 THESE STAKES, IN CULTIVATED AREAS, REFERENCE FOUND OR SET MONUMENTATION. BURIED 3/8 INCH IRON ROD 20 INCHES BELOW GROUND SURFACE. IDENTIFIED BY COLORED PLASTIC CAP BEARING SURVEYORS REGISTRATION NUMBER.  
● BT2  
● BT3

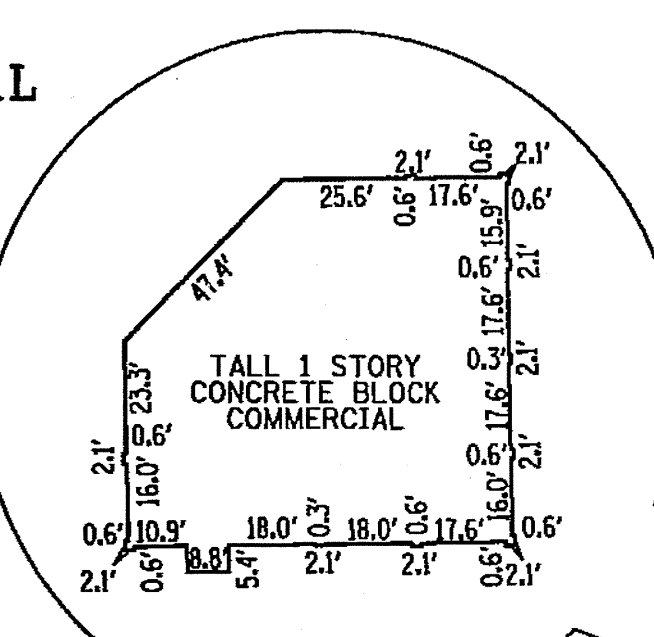
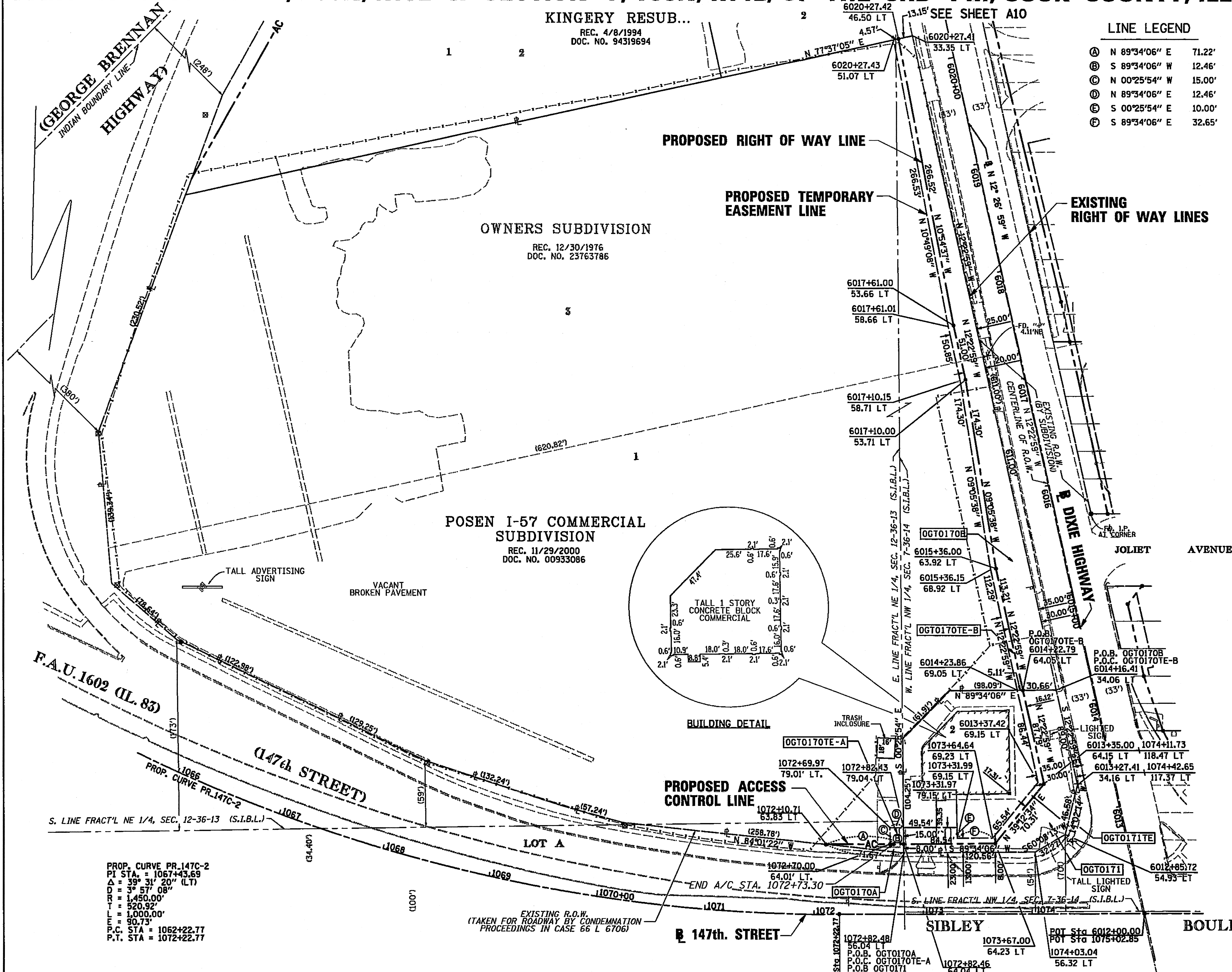
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STATE OF ILLINOIS )  
COUNTY OF COOK ) S.S.

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DATED AT CHICAGO, ILLINOIS THIS 6TH DAY OF FEBRUARY, 2012.

*E. F. F.*  
COVENTINE FIDIS  
ILLINOIS PROFESSIONAL LAND SURVEYOR NO. 2159  
LICENSE EXPIRATION DATE 11/30/2012



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

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MAR 09 2012  
PLATS & LEGALS

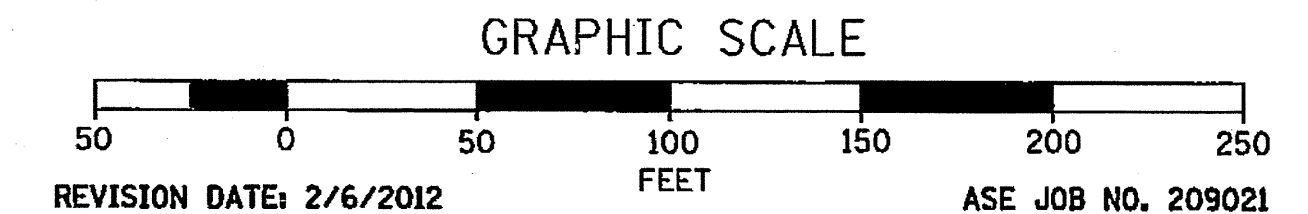
**PLAT OF HIGHWAYS**  
STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION  
F.A.U. 1602 (IL 83)  
KEDZIE AVENUE TO WESTERN AVENUE

SECTION: I-294 AT I-57  
PROJECT: COUNTY: COOK  
STATION: 1072+00  
TO STATION: 1075+00  
SCALE: 1" = 50'  
JOB NO. R-90-004-09  
TO STATION: 6020+50  
SHEET A9 OF A16

PARCEL NO.	OWNER	PERMANENT INDEX NUMBER	TOTAL HOLDING	AREA TAKING	PREVIOUSLY DEDICATED	REMAINDER	EASEMENTS TEMPORARY	EASEMENT PURPOSE	PROPERTY ACQUIRED BY
OGT0170A	CHICAGO TITLE LAND TRUST COMPANY AS SUCCESSOR TO PRIVATE BANK AS SUCCESSOR TO FOUNDERS BANK AS TRUSTEE UNDER TRUST AGREEMENT DATED JANUARY 28, 1997 KNOWN AS TRUST NO. 5260	28-12-406-019; 29-07-135-012	10.671 AC	0.007 AC (285 SF) 0.305 AC	—	10.359 AC	0.004 AC (187 SF) 0.068 AC	CONSTRUCTION	
OGT0171	ABRAHAM SULIMAN	29-07-135-013; 29-07-135-014	0.489 AC	0.141 AC	—	0.348 AC	0.039 AC	CONSTRUCTION	

**AMERICAN**  
SURVEYING & ENGINEERING, P.C.  
SURVEYORS • ENGINEERS  
GEODESISTS • MAPPING SCIENTISTS

105 W. Madison St. Suite 1700  
Chicago, IL 60602  
312-277-2000 / Fax 312-277-2002



CALCULATIONS BY: E. SLADEK  
DRAFTING BY: B. TRAVER / E. SLADEK  
CHECKED BY: C. FIDIS

**PART OF SECTION 12, T36N, R13E & SECTION 7, T36N, R14E, OF THE 3RD PM, COOK COUNTY, ILLINOIS**

LEGEND

A SUBDIVISION OF THE N.10 AC. OF THE SW 1/4 OF THE NW 1/4 S.I.B.L. ...  
 REC. 2/11/1897  
 DOC. NO. 2497692

SECTION CORNER  
 QUARTER SECTION CORNER  
 CENTER OF SECTION

EXISTING CENTERLINE  
 EXISTING RIGHT OF WAY LINE  
 PROPOSED CENTERLINE  
 PROPOSED RIGHT OF WAY LINE  
 PROPOSED TEMPORARY EASEMENT LINE  
 PROPOSED PERMANENT EASEMENT LINE  
 SECTION LINE  
 QUARTER SECTION LINE  
 QUARTER QUARTER SECTION LINE  
 PLATTED LOT LINE  
 PROPERTY (DEED) LINE  
 APPARENT PROPERTY LINE  
 ACCESS CONTROL LINE  
 MEASURED OR COMPUTED DIMENSION  
 RECORD DATA  
 FOUND IRON PIPE OR IRON ROD  
 SET 5/8 INCH IRON ROD OR MAG NAIL  
 PERMANENT SURVEY MONUMENT, I.D.O.T. STD. 2135  
 (TO BE SET BY OTHERS)  
 CUT CROSS FOUND OR SET  
 FOUND CONCRETE RIGHT-OF-WAY MARKER

BEARINGS AND COORDINATES SHOWN HEREON ARE BASED ON THE ILLINOIS STATE PLANE COORDINATE SYSTEM, EAST ZONE, NAD83-CORS

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 ● T2  
 ● T3

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 ● BT2  
 ● BT3

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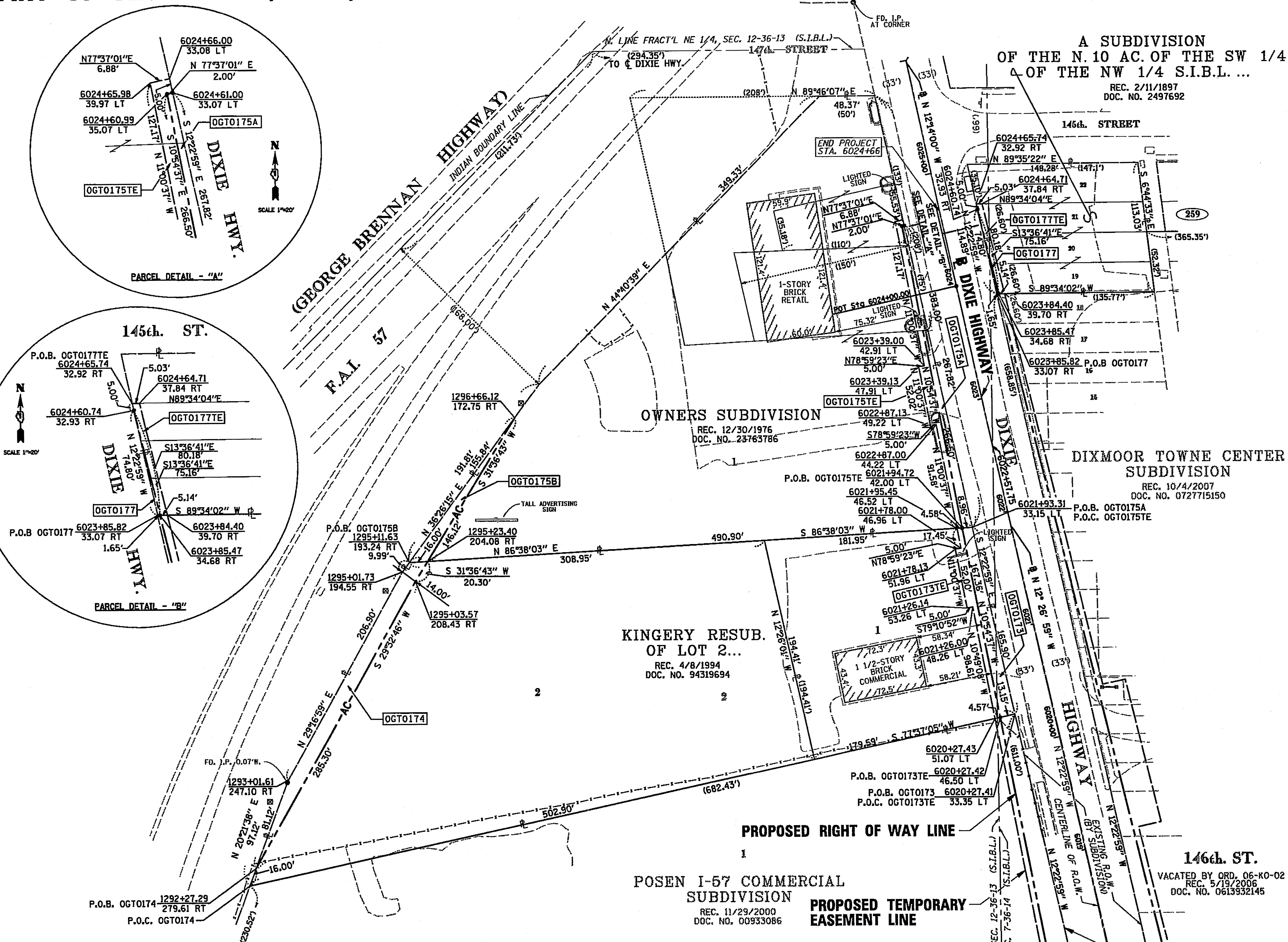
STATE OF ILLINOIS )  
 ) S.S.  
 COUNTY OF COOK )

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DATED AT CHICAGO, ILLINOIS THIS 29TH DAY OF JULY, 2011.

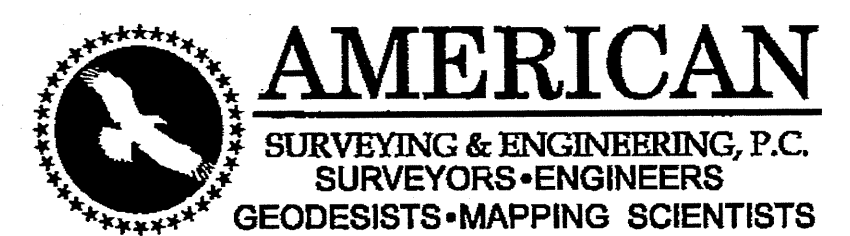
*[Signature]*  
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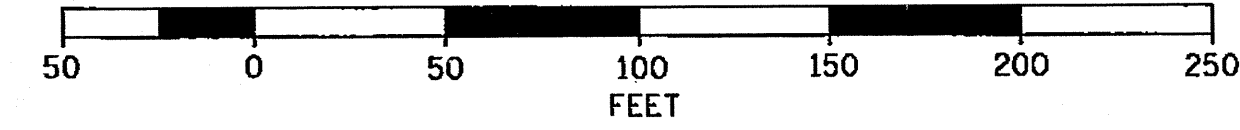


PARCEL NO.	OWNER	PERMANENT INDEX NUMBER	TOTAL HOLDING	AREA TAKING	PREVIOUSLY DEDICATED	REMAINDER	EASEMENTS TEMPORARY	EASEMENT PURPOSE	PROPERTY ACQUIRED BY
OGT0173	FIRAS ELAYYAN	28-12-406-017	0.743 AC	0.042 AC	-	0.701 AC	0.023 AC	CONSTRUCTION	
OGT0173TE		29-07-135-008							
OGT0174	LOMBARDAR CORPORATION	28-12-406-018	2.124 AC	0.080 AC	-	2.044 AC			
OGT0175A	CHICAGO TITLE & TRUST CO. AS SUCCESSOR TO FIRST NATIONAL BANK OF EVERGREEN	28-12-406-012 TO 28-12-406-014	2.464 AC	0.033 AC	-	2.409 AC			
OGT0175B				0.022 AC					
OGT0175TE	PARK U/T/A DATED 2/12/1985 KNOWN AS #8320						0.036 AC	CONSTRUCTION	
OGT0177	STANLEY A. KETSIOS	29-07-127-001	0.368 AC	0.001 AC (60 SF)	-	0.367 AC	0.009 AC (401 SF)	CONSTRUCTION	
OGT0177TE	MARIA KETSIOS	29-07-127-004							

SEE SHEET A9  
 EXISTING RIGHT OF WAY LINES



105 W. Madison St. Suite 1700  
 Chicago, IL 60602  
 312-277-2000 / Fax 312-277-2002



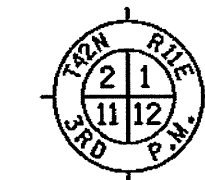
PLAT OF HIGHWAYS  
 STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION  
 F.A.U. 1602 (IL 83)  
 KEDZIE AVENUE TO WESTERN AVENUE

SECTION: 1-294 AT I-57  
 PROJECT: STATION: 6020+00  
 COUNTY: COOK  
 JOB NO. R-90-004-09  
 TO STATION: 6024+66.00  
 SHEET A10 OF A16

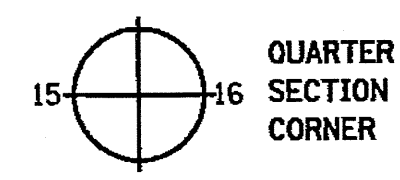
BUREAU OF LAND ACQUISITION  
 201 WEST CENTER COURT  
 SCHAMBURG, ILLINOIS 60196

**PART OF SECTION 12, T36N, R13E & SECTION 7, T36N, R14E, OF THE 3RD PM, COOK COUNTY, ILLINOIS**

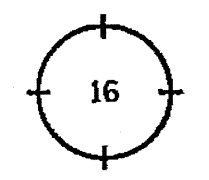
**LEGEND**



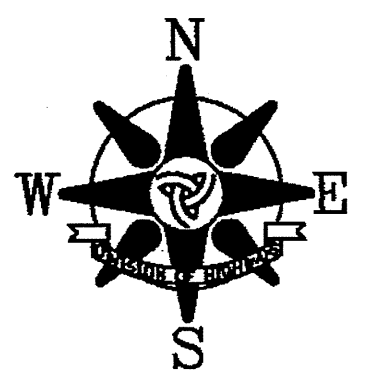
SECTION CORNER



QUARTER SECTION CORNER



CENTER OF SECTION



BEARINGS AND COORDINATES SHOWN HEREON ARE BASED ON THE ILLINOIS STATE PLANE COORDINATE SYSTEM, EAST ZONE, NAD83-CORS

- EXISTING CENTERLINE
- EXISTING RIGHT OF WAY LINE
- PROPOSED CENTERLINE
- PROPOSED RIGHT OF WAY LINE
- PROPOSED TEMPORARY EASEMENT LINE
- PROPOSED PERMANENT EASEMENT LINE
- SECTION LINE
- QUARTER SECTION LINE
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STATE OF ILLINOIS )  
COUNTY OF COOK ) S.S.

THIS IS TO CERTIFY THAT I, COVENTINE FIDIS, AN ILLINOIS PROFESSIONAL LAND SURVEYOR, HAVE SURVEYED THE PLAT OF HIGHWAYS SHOWN HEREON IN SECTION 12, TOWNSHIP 36 NORTH, RANGE 13 EAST AND SECTION 7, TOWNSHIP 36 NORTH, RANGE 14 EAST OF THE THIRD PRINCIPAL MERIDIAN, IN COOK COUNTY, THAT THE PLAT CORRECTLY REPRESENTS SAID SURVEY, THAT ALL MONUMENTS FOUND AND ESTABLISHED ARE OF PERMANENT QUALITY AND OCCUPY THE POSITIONS SHOWN THEREON AND THAT THE MONUMENTS ARE SUFFICIENT TO ENABLE THE SURVEY TO BE RETRACED. MADE FOR THE DEPARTMENT OF TRANSPORTATION, STATE OF ILLINOIS.

DATED AT CHICAGO, ILLINOIS THIS 6TH DAY OF FEBRUARY, 2012.

*[Signature]*

COVENTINE FIDIS  
ILLINOIS PROFESSIONAL LAND SURVEYOR NO. 2159  
LICENSE EXPIRATION DATE 11/30/2012



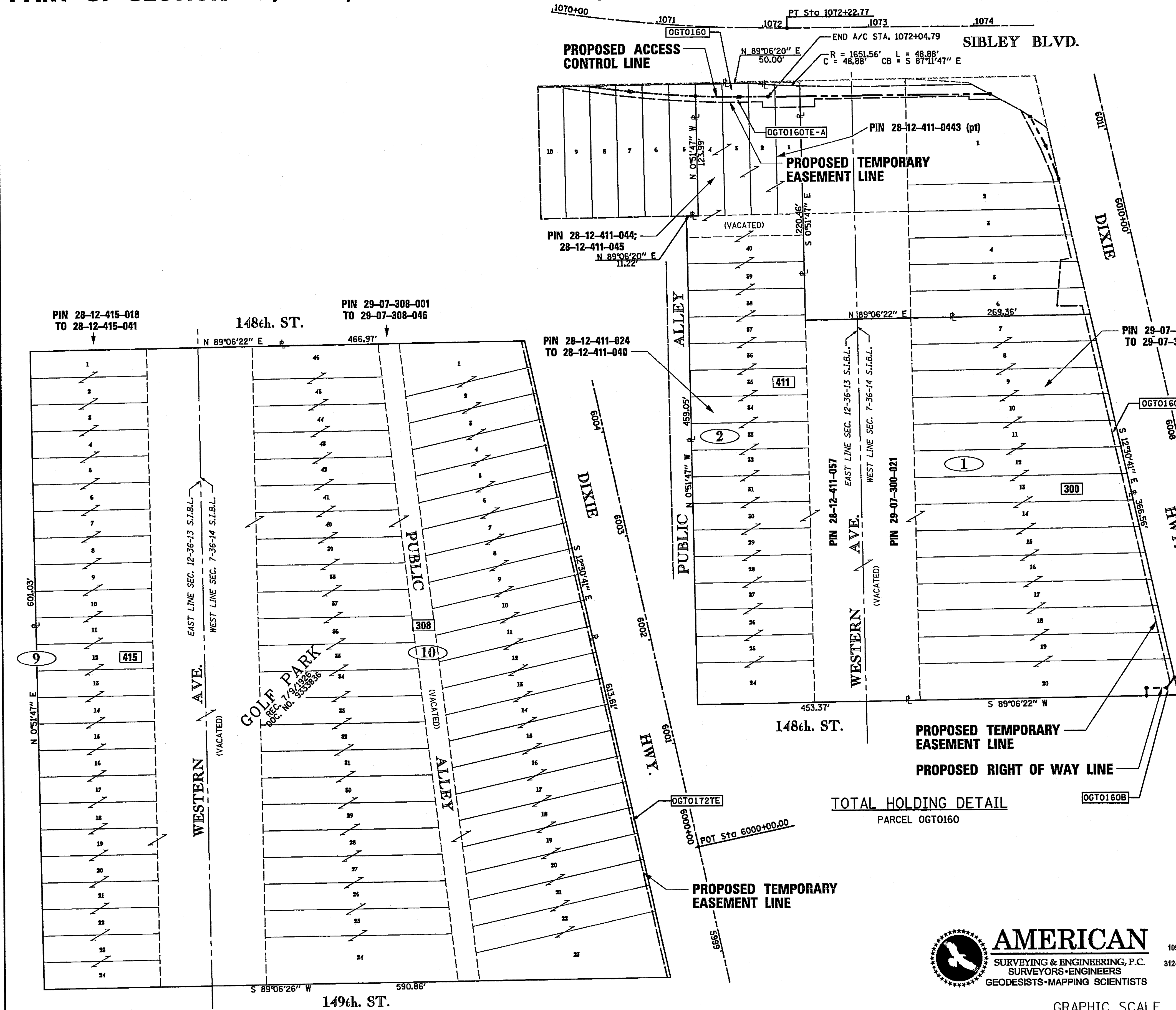
THIS PROFESSIONAL SERVICE CONFORMS TO THE CURRENT ILLINOIS MINIMUM SURVEY STANDARDS.

RECEIVED  
MAR 09 2012  
PLATS & LEGALS

**PLAT OF HIGHWAYS**  
STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION  
F.A.U. 1602 (IL 83)  
KEDZIE AVENUE TO WESTERN AVENUE

SECTION: 1-294 AT I-57 COUNTY: COOK  
PROJECT: TOTAL HOLDING DETAILS JOB NO. R-90-004-09  
SCALE: 1" = 50' SHEET A11 OF A16

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

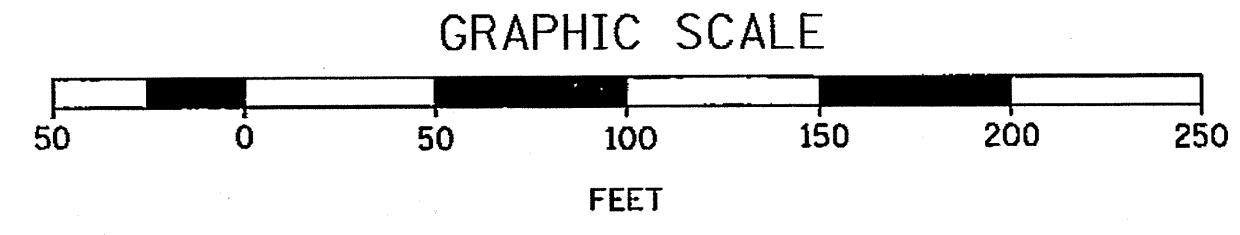


TOTAL HOLDING DETAIL  
PARCEL OGT0160

TOTAL HOLDING DETAIL  
PARCEL OGT0172

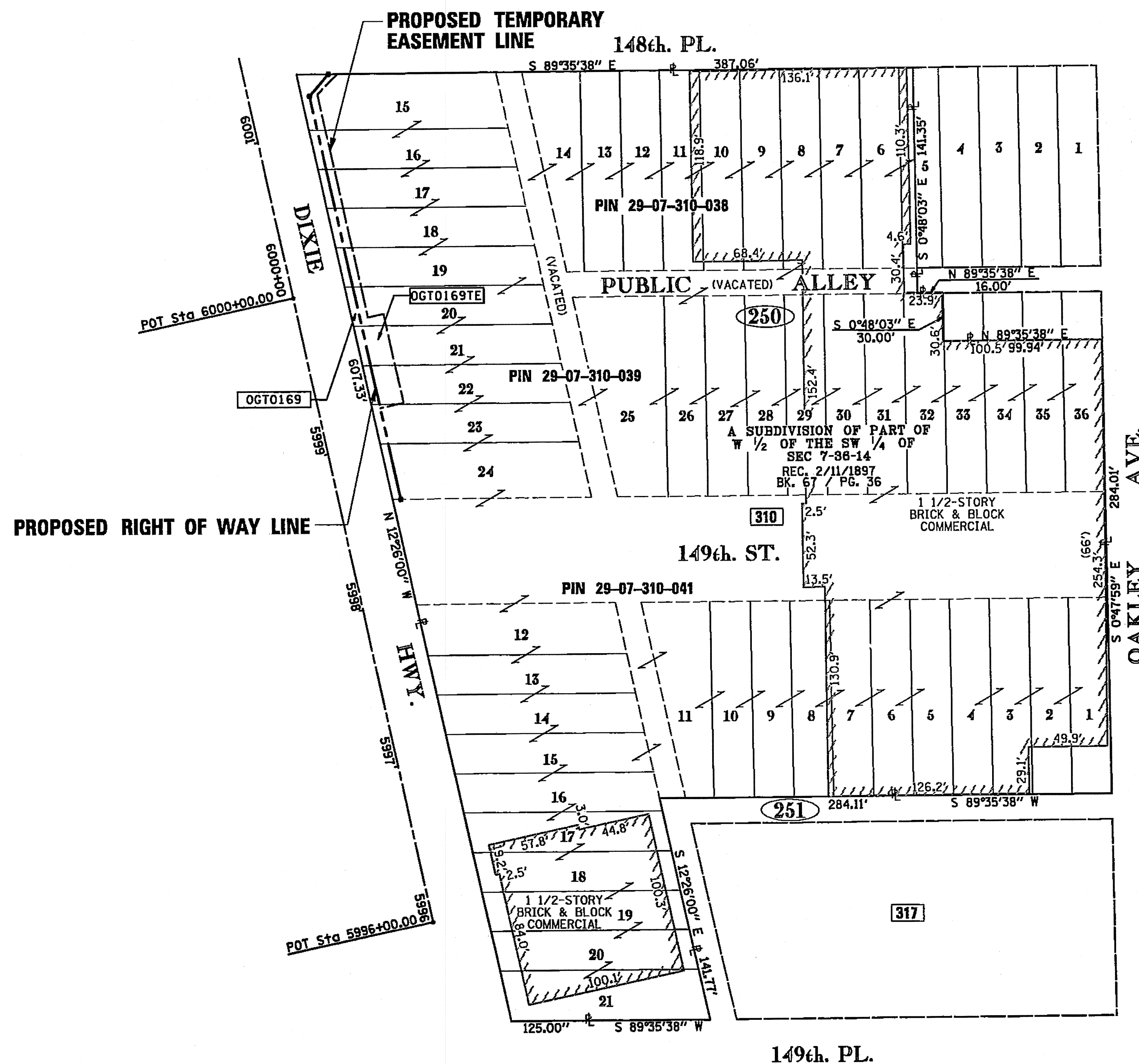
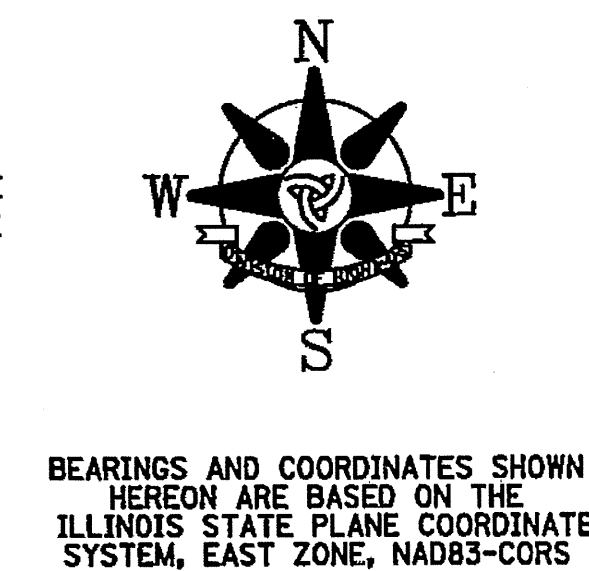
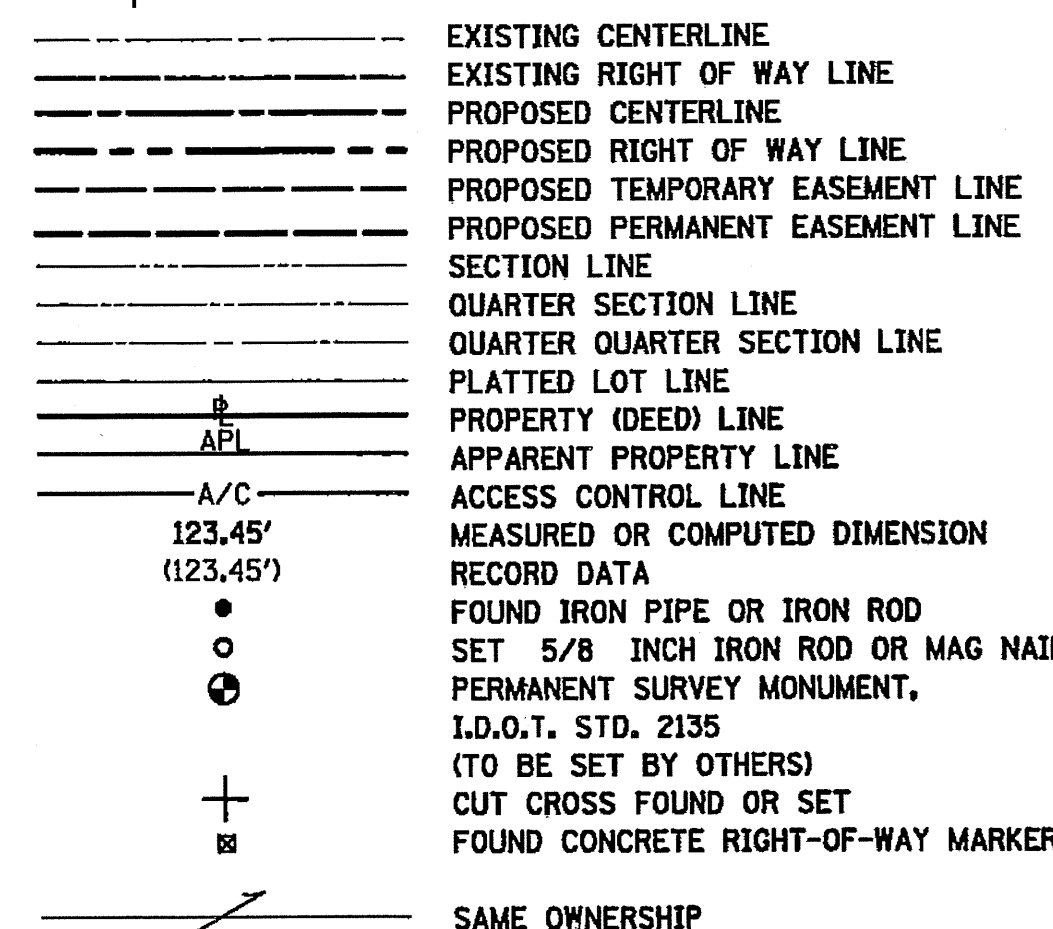
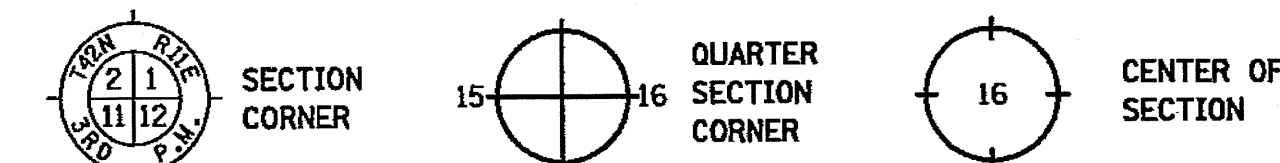
**AMERICAN**  
SURVEYING & ENGINEERING, P.C.  
SURVEYORS-ENGINEERS  
GEODESISTS-MAPPING SCIENTISTS

105 W. Madison St. Suite 1700  
Chicago, IL 60602  
312-277-2000 / Fax 312-277-2002



**PART OF SECTION 7, T36N, R14E, OF THE 3RD PM, COOK COUNTY, ILLINOIS**

**LEGEND**



- T1 THESE STAKES REFERENCE FOUND OR SET MONUMENTATION. SET 5/8 INCH IRON ROD FLUSH WITH GROUND. IDENTIFIED BY COLORED PLASTIC CAP BEARING SURVEYORS REGISTRATION NUMBER.
- BT1 THESE STAKES, IN CULTIVATED AREAS, REFERENCE FOUND OR SET MONUMENTATION. BURIED 5/8 INCH IRON ROD 20 INCHES BELOW GROUND SURFACE. IDENTIFIED BY COLORED PLASTIC CAP BEARING SURVEYORS REGISTRATION NUMBER.
- STAKING OF PROPOSED RIGHT OF WAY. SET DIVISION OF HIGHWAYS SURVEY MARKER TO MONUMENT THE POSITION SHOWN. IDENTIFIED BY INSCRIPTION DATA AND SURVEYORS REGISTRATION NUMBER.
- M STAKING OF PROPOSED RIGHT OF WAY IN CULTIVATED AREAS. BURIED 5/8 INCH IRON ROD 20 INCHES BELOW GROUND SURFACE TO MARK FUTURE SURVEY MARKER POSITION. IDENTIFIED BY COLORED PLASTIC CAP AND SURVEYORS REGISTRATION NUMBER.
- U STAKING OF PROPOSED RIGHT OF WAY IN CLOSE PROXIMITY TO UNDERGROUND UTILITIES. SET DIVISION OF HIGHWAYS SURVEY MARKER ON 5/8 INCH IRON ROD (BETWEEN 6 INCHES AND 12 INCHES IN LENGTH) TO MONUMENT THE POSITION SHOWN. IDENTIFIED BY INSCRIPTION DATA AND SURVEYORS REGISTRATION NUMBER.

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

THIS IS TO CERTIFY THAT I, COVENTINE FIDIS, AN ILLINOIS PROFESSIONAL LAND SURVEYOR, HAVE SURVEYED THE PLAT OF HIGHWAYS SHOWN HEREON IN SECTION 7, TOWNSHIP 36 NORTH, RANGE 14 EAST AND SECTION 12, TOWNSHIP 36 NORTH, RANGE 13 EAST OF THE THIRD PRINCIPAL MERIDIAN, IN COOK COUNTY, THAT THE PLAT CORRECTLY REPRESENTS SAID SURVEY, THAT ALL MONUMENTS FOUND AND ESTABLISHED ARE OF PERMANENT QUALITY AND OCCUPY THE POSITIONS SHOWN THEREON AND THAT THE MONUMENTS ARE SUFFICIENT TO ENABLE THE SURVEY TO BE RETRACED. MADE FOR THE DEPARTMENT OF TRANSPORTATION, STATE OF ILLINOIS.

DATED AT CHICAGO, ILLINOIS THIS 6TH DAY OF FEBRUARY, 2012.

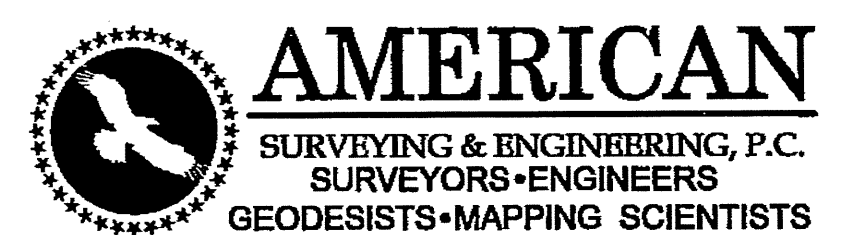
*C. Fidis*  
 COVENTINE FIDIS  
 ILLINOIS PROFESSIONAL LAND SURVEYOR NO. 2159  
 LICENSE EXPIRATION DATE 11/30/2012



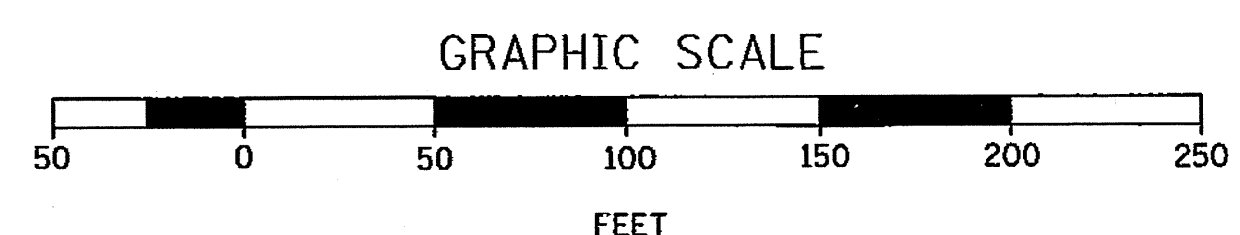
THIS PROFESSIONAL SERVICE CONFORMS TO THE CURRENT ILLINOIS MINIMUM SURVEY STANDARDS.

**TOTAL HOLDING DETAIL**  
 PARCEL OGT0169

RECEIVED  
 MAR 09 2012  
 PLATS & LEGALS



105 W. Madison St. Suite 1700  
 Chicago, IL 60602  
 312-277-2000 / Fax 312-277-2002



**PLAT OF HIGHWAYS**  
 STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION  
 F.A.U. 1602 (IL 83)  
 KEDZIE AVENUE TO WESTERN AVENUE

SECTION: I-294 AT I-57 COUNTY: COOK  
 PROJECT: TOTAL HOLDING DETAILS JOB NO. R-90-004-09  
 SCALE: 1" = 50' SHEET A12 OF A16

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

PART OF SECTION 12, T36N, R13E & SECTION 7, T36N, R14E, OF THE 3RD PM, COOK COUNTY, ILLINOIS

ALIGNMENT AND COORDINATE DATA

PROPOSED DIXIE HIGHWAY CENTERLINE (AS STAKED)

Table with 3 columns: POINT, COURSE, and STATION. Lists points from 50003 to 50007 with their respective bearings, distances, and stationing.

RIGHT OF WAY CORNERS DIXIE HIGHWAY

Table with 5 columns: STATION, OFFSET, POINT, NORTH, EAST. Lists right-of-way corner coordinates for Dixie Highway from station 5998+62.57 to 6024+61.00.

PROPOSED F.A.I. 57 CENTERLINE (PARTIAL)

Table with 3 columns: POINT, COURSE, and STATION. Lists points 60000 and 60001 with bearings, distances, and stationing.

RIGHT OF WAY CORNERS F.A.I. 57

Table with 5 columns: STATION, OFFSET, POINT, NORTH, EAST. Lists right-of-way corner coordinates for F.A.I. 57 from station 1292+27.29 to 1296+66.12.

PROPOSED F.A.U. 1602 (IL 83), SIBLEY BOULEVARD (147th. STREET) CENTERLINE

Table with 3 columns: POINT, COURSE, and STATION. Lists points 14707, 24014, and PC PR-147C-1R with bearings, distances, and stationing.

CURVE DATA

Table with 4 columns: CURVE PR-147C-1R, P.I. STATION, DELTA, DEGREE, TANGENT, LENGTH, RADIUS, EXTERNAL, LONG CHORD, MID. ORD., P.C. STATION, P.T. STATION, C.C., BACK, AHEAD, CHORD BEAR.

COURSE FROM PT PR-147C-1R TO PC PR-147C-2 S 50° 46' 44" EAST DIST 850.592

CURVE DATA

Table with 4 columns: CURVE PR-147C-2, P.I. STATION, DELTA, DEGREE, TANGENT, LENGTH, RADIUS, EXTERNAL, LONG CHORD, MID. ORD., P.C. STATION, P.T. STATION, C.C., BACK, AHEAD, CHORD BEAR.

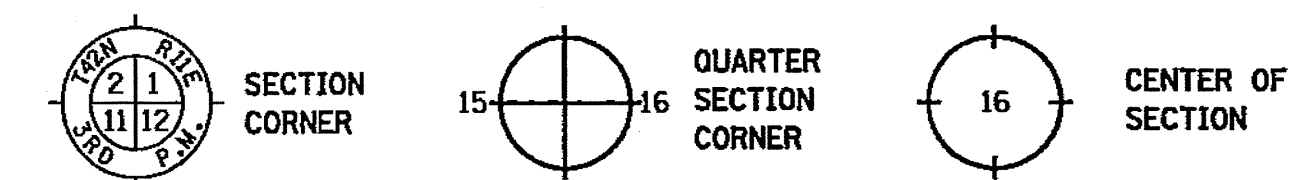
COURSE FROM PT PR-147C-2 TO 14703 N 89° 41' 56" E DIST 1,062.551

Table with 3 columns: POINT 14703, COURSE, and STATION. Lists point 14703 with bearing and stationing.

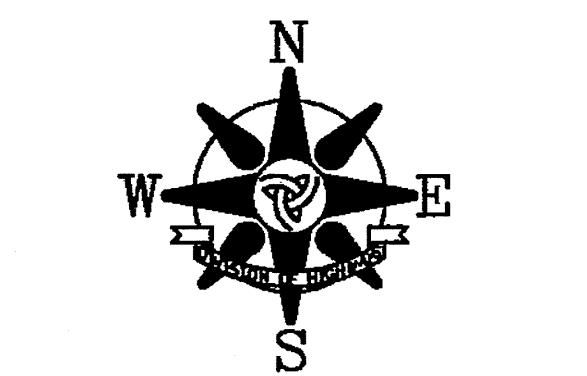
RIGHT OF WAY CORNERS F.A.U. 1602 (IL 83), SIBLEY BOULEVARD (147th. STREET) 147th. STREET

Table with 5 columns: STATION, OFFSET, POINT, NORTH, EAST. Lists right-of-way corner coordinates for F.A.U. 1602 from station 1070+40.92 to 1079+19.57.

LEGEND



- Legend symbols and descriptions: EXISTING CENTERLINE, EXISTING RIGHT OF WAY LINE, PROPOSED CENTERLINE, PROPOSED RIGHT OF WAY LINE, PROPOSED TEMPORARY EASEMENT LINE, PROPOSED PERMANENT EASEMENT LINE, SECTION LINE, QUARTER SECTION LINE, QUARTER QUARTER SECTION LINE, PLATTED LOT LINE, PROPERTY (DEED) LINE, APPARENT PROPERTY LINE, ACCESS CONTROL LINE, MEASURED OR COMPUTED DIMENSION RECORD DATA, FOUND IRON PIPE OR IRON ROD, SET 5/8 INCH IRON ROD OR MAG NAIL, PERMANENT SURVEY MONUMENT, I.D.O.T. STD. 2135, CUT CROSS FOUND OR SET, FOUND CONCRETE RIGHT-OF-WAY MARKER, SAME OWNERSHIP, FENCE LINE, SIGN.



BEARINGS AND COORDINATES SHOWN HEREON ARE BASED ON THE ILLINOIS STATE PLANE COORDINATE SYSTEM, EAST ZONE, NAD83-CORS

- Legend symbols and descriptions: T1 THESE STAKES REFERENCE FOUND OR SET MONUMENTATION. SET 3/8 INCH IRON ROD FLUSH WITH GROUND. IDENTIFIED BY COLORED PLASTIC CAP BEARING SURVEYORS REGISTRATION NUMBER. BT1 THESE STAKES, IN CULTIVATED AREAS, REFERENCE FOUND OR SET MONUMENTATION. BURIED 3/8 INCH IRON ROD 20 INCHES BELOW GROUND SURFACE. IDENTIFIED BY COLORED PLASTIC CAP BEARING SURVEYORS REGISTRATION NUMBER. BT2 BURIED 3/8 INCH IRON ROD 20 INCHES BELOW GROUND SURFACE. IDENTIFIED BY COLORED PLASTIC CAP BEARING SURVEYORS REGISTRATION NUMBER. BT3

- Legend symbols and descriptions: M STAKING OF PROPOSED RIGHT OF WAY IN CULTIVATED AREAS. BURIED 3/8 INCH IRON ROD 20 INCHES BELOW GROUND SURFACE TO MARK FUTURE SURVEY MARKER POSITION. IDENTIFIED BY COLORED PLASTIC CAP AND SURVEYORS REGISTRATION NUMBER. U STAKING OF PROPOSED RIGHT OF WAY IN CLOSE PROXIMITY TO UNDERGROUND UTILITIES. SET DIVISION OF HIGHWAYS SURVEY MARKER ON 3/8 INCH IRON ROD (BETWEEN 6 INCHES AND 12 INCHES IN LENGTH) TO MONUMENT THE POSITION SHOWN. IDENTIFIED BY INSCRIPTION DATA AND SURVEYORS REGISTRATION NUMBER.

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

THIS IS TO CERTIFY THAT I, COVENTINE FIDIS, AN ILLINOIS PROFESSIONAL LAND SURVEYOR, HAS SURVEYED THE PLAT OF HIGHWAYS SHOWN HEREON IN SECTION 12, TOWNSHIP 36 NORTH, RANGE 13 EAST AND SECTION 7, TOWNSHIP 36 NORTH, RANGE 14 EAST OF THE THIRD PRINCIPAL MERIDIAN, IN COOK COUNTY, THAT THE PLAT CORRECTLY REPRESENTS SAID SURVEY, THAT ALL MONUMENTS FOUND AND ESTABLISHED ARE OF PERMANENT QUALITY AND OCCUPY THE POSITIONS SHOWN THEREON AND THAT THE MONUMENTS ARE SUFFICIENT TO ENABLE THE SURVEY TO BE RETRACED. MADE FOR THE DEPARTMENT OF TRANSPORTATION, STATE OF ILLINOIS.

DATED AT CHICAGO, ILLINOIS THIS 6TH DAY OF FEBRUARY, 2012.

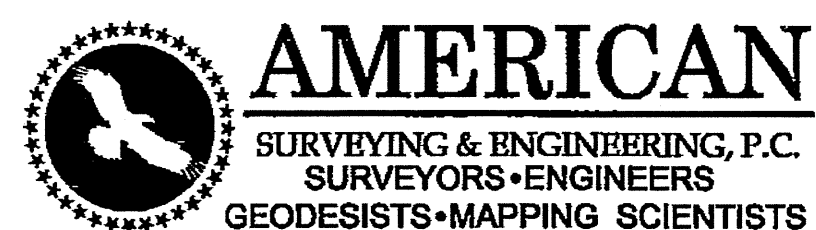
Signature of Coventine Fidis, Illinois Professional Land Surveyor No. 2159, License Expiration Date 11/30/2012.



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

RECEIVED MAR 09 2012 PLATS & LEGALS

PLAT OF HIGHWAYS STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION F.A.U. 1602 (IL 83) KEDZIE AVENUE TO WESTERN AVENUE SECTION: I-294 AT I-57 COUNTY: COOK PROJECT: ALIGNMENT AND COORDINATE DATA JOB NO. R-90-004-09 SCALE: 1" = 50' SHEET A13 OF A16

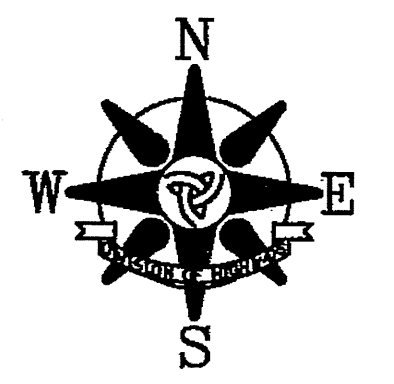
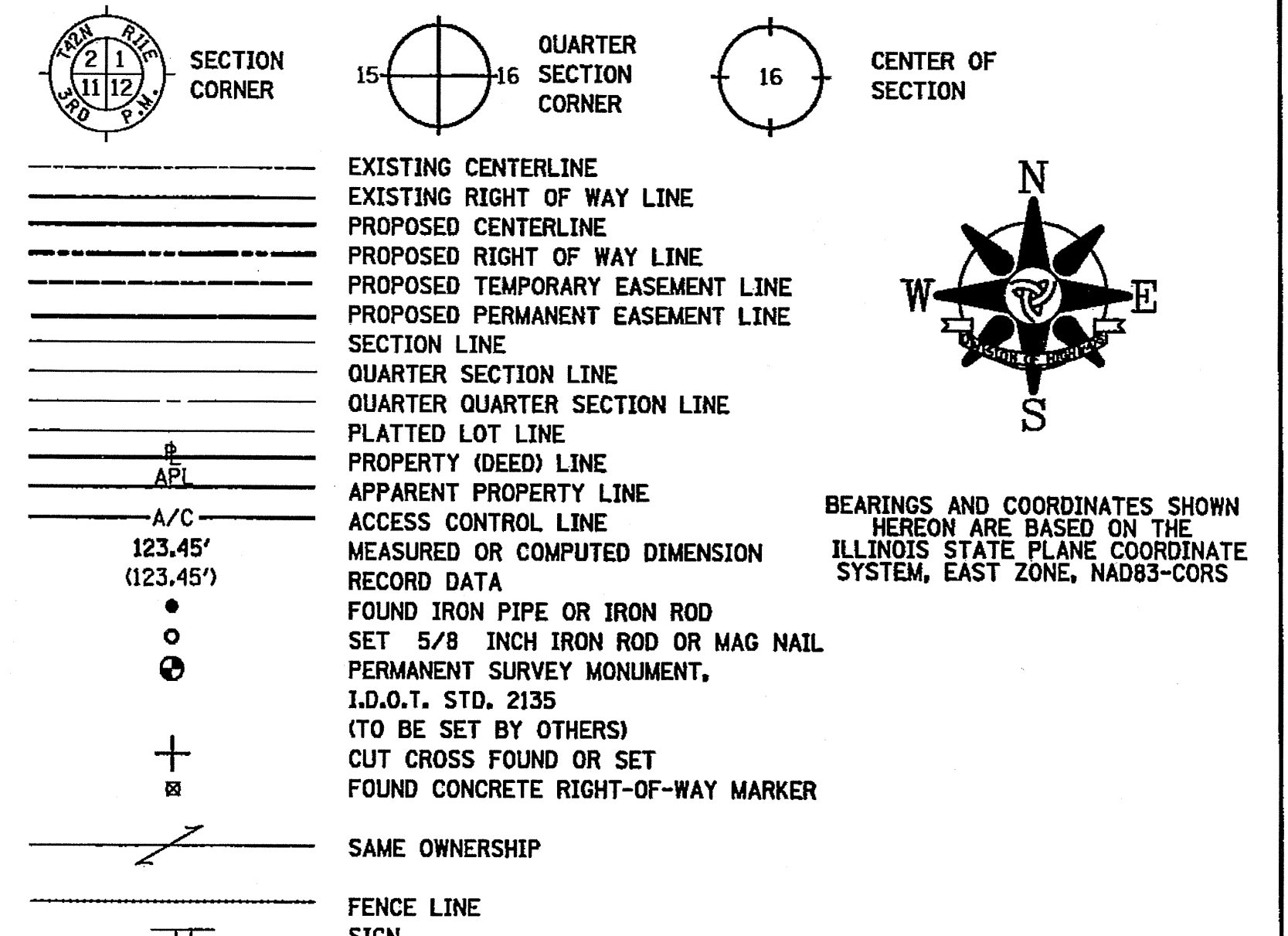


105 W. Madison St. Suite 1700 Chicago, IL 60602 312-277-2000 / Fax 312-277-2002

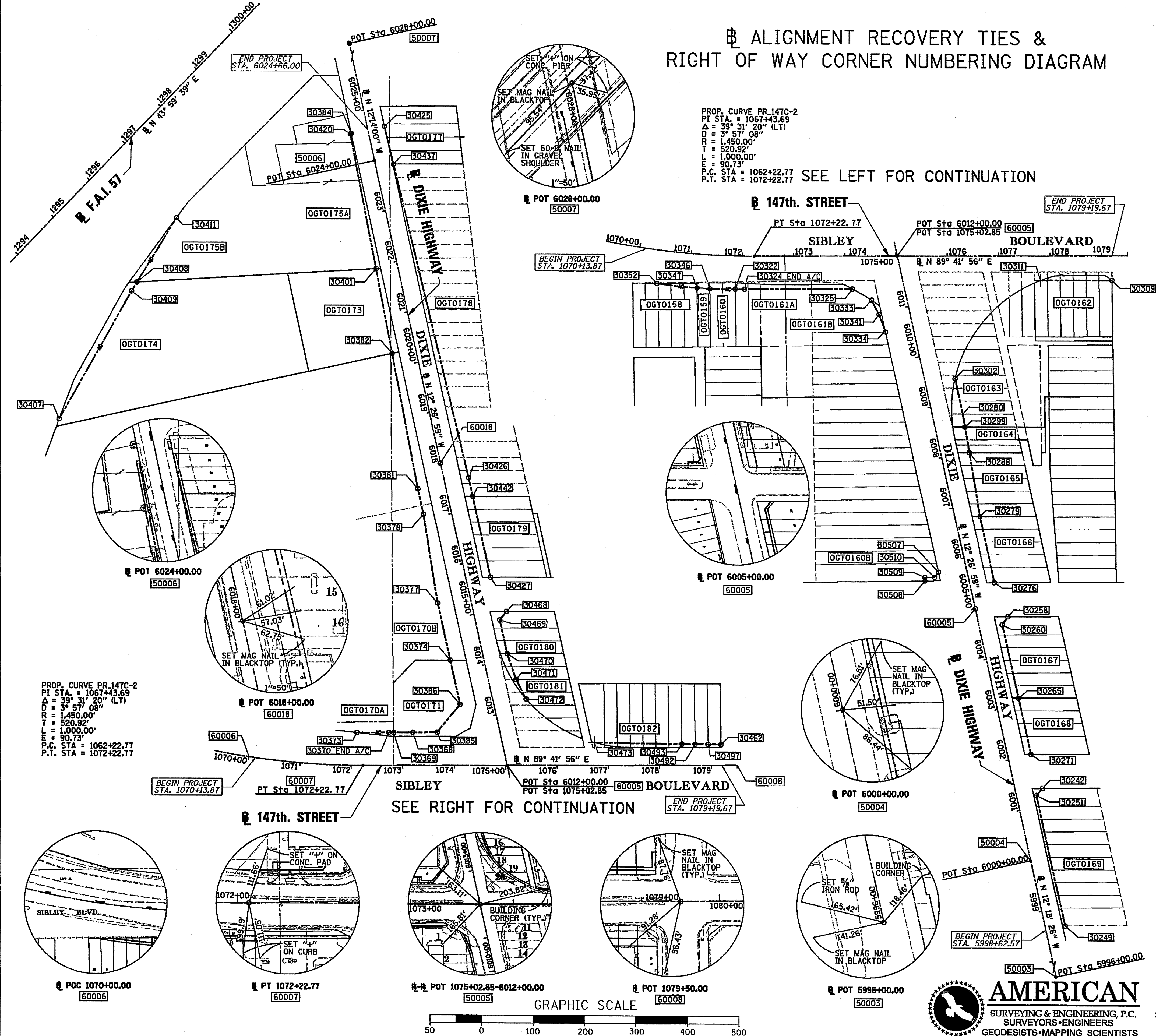
**PART OF SECTION 12, T36N, R13E & SECTION 7, T36N, R14E, OF THE 3RD PM, COOK COUNTY, ILLINOIS**

**ALIGNMENT RECOVERY TIES & RIGHT OF WAY CORNER NUMBERING DIAGRAM**

**LEGEND**



BEARINGS AND COORDINATES SHOWN HEREON ARE BASED ON THE ILLINOIS STATE PLANE COORDINATE SYSTEM, EAST ZONE, NAD83-CORS



PROP. CURVE PR-147C-2  
 PI STA. = 1067+43.69  
 $\Delta = 39^\circ 31' 20''$  (L.T.)  
 $D = 3^\circ 57' 08''$   
 $R = 1,450.00'$   
 $T = 520.92'$   
 $L = 1,000.00'$   
 $E = 90.73'$   
 P.C. STA. = 1062+22.77  
 P.T. STA. = 1072+22.77

SEE LEFT FOR CONTINUATION

POT 6028+00.00  
 50007

147th. STREET

END PROJECT STA. 1079+19.67

BEGIN PROJECT STA. 1070+13.87

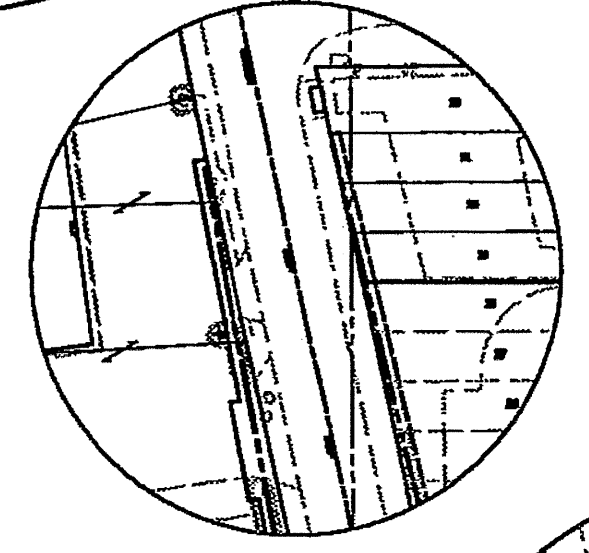
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POT Sta 6012+00.00

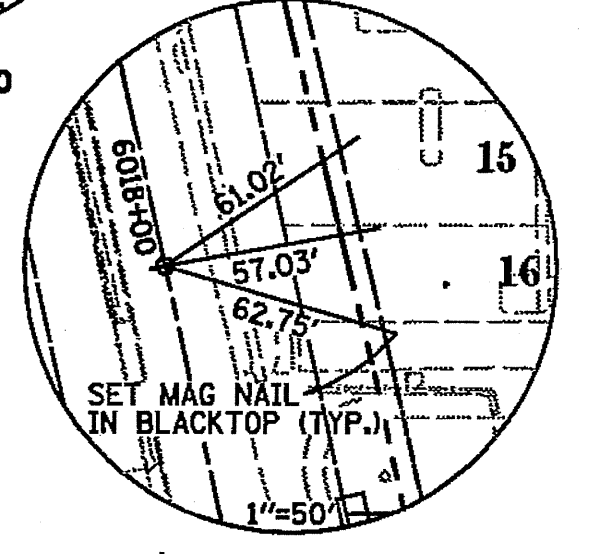
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60005

SIBLEY BOULEVARD



POT 6024+00.00  
 50006



POT 6018+00.00  
 60018

PROP. CURVE PR-147C-2  
 PI STA. = 1067+43.69  
 $\Delta = 39^\circ 31' 20''$  (L.T.)  
 $D = 3^\circ 57' 08''$   
 $R = 1,450.00'$   
 $T = 520.92'$   
 $L = 1,000.00'$   
 $E = 90.73'$   
 P.C. STA. = 1062+22.77  
 P.T. STA. = 1072+22.77

BEGIN PROJECT STA. 1070+13.87

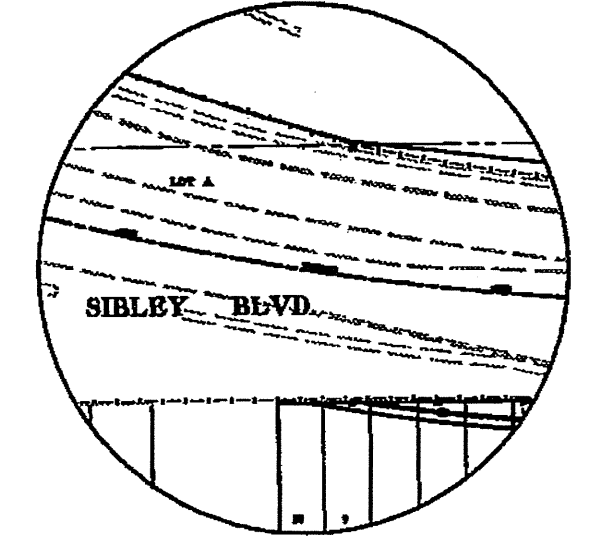
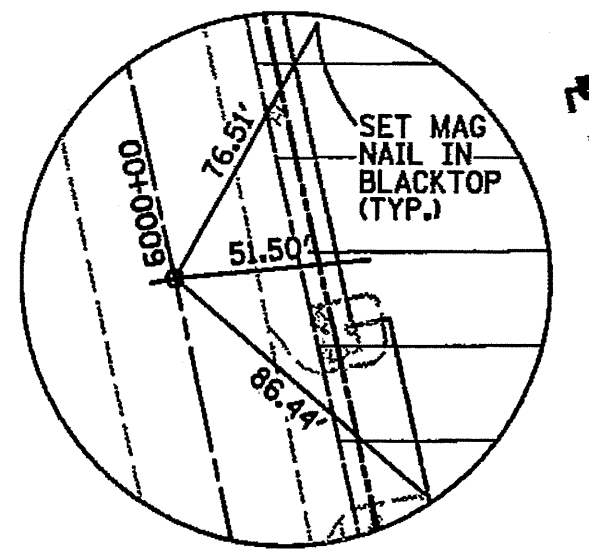
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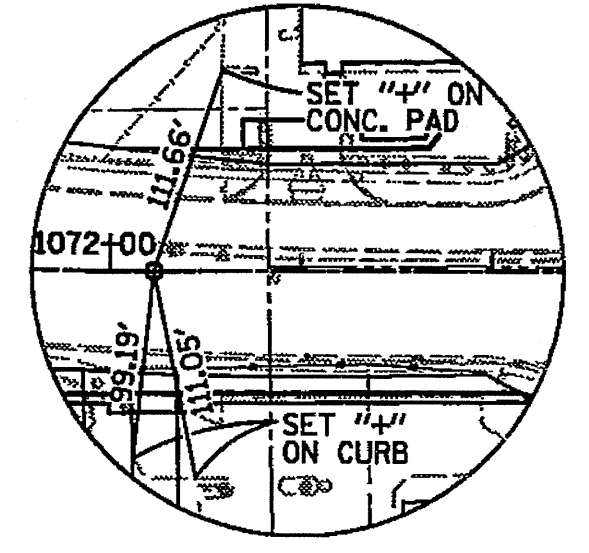
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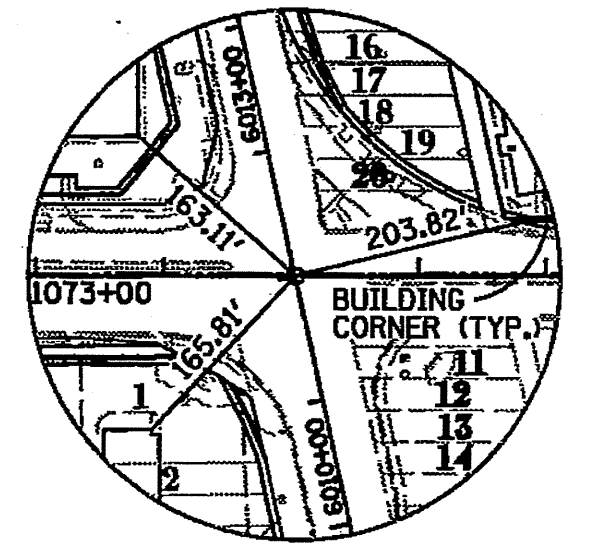
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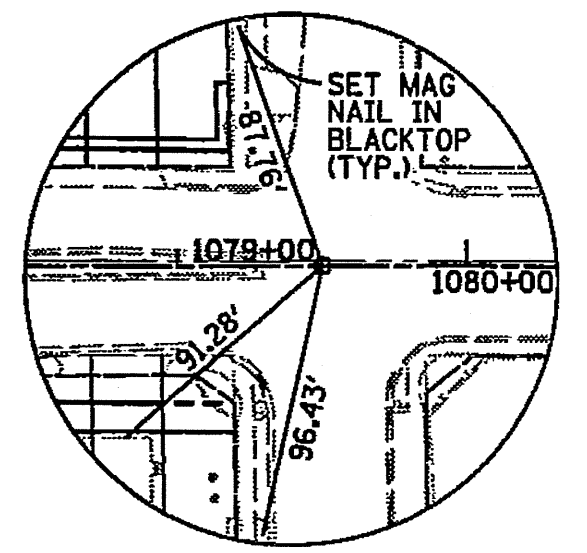
POC 1070+00.00  
 60005



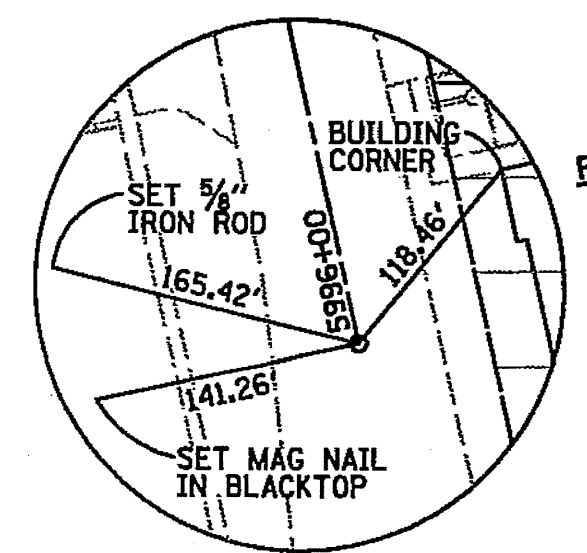
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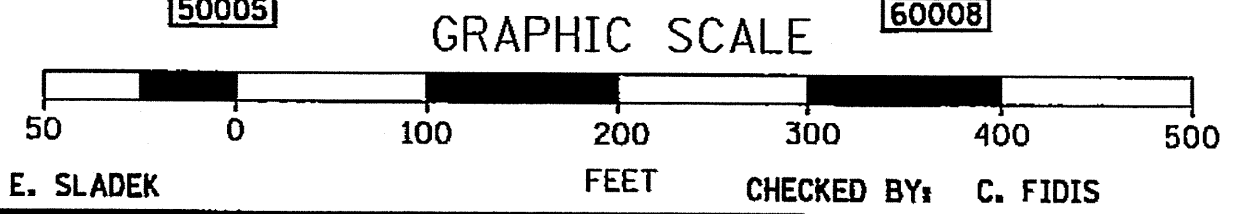
POT 1075+02.85-6012+00.00  
 50005



POT 1079+50.00  
 60008



POT 5996+00.00  
 50003



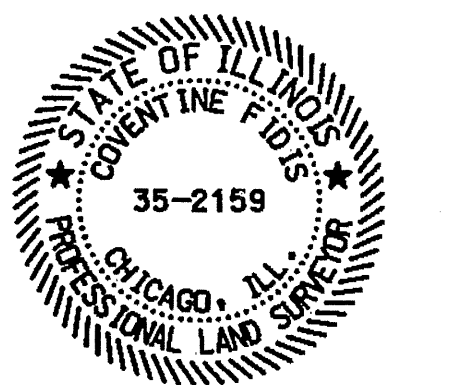
STATE OF ILLINOIS )  
 ) S.S.  
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DATED AT CHICAGO, ILLINOIS THIS 6TH DAY OF FEBRUARY, 2012.

*Coventine Fidis*

COVENTINE FIDIS  
 ILLINOIS PROFESSIONAL LAND SURVEYOR NO. 2159  
 LICENSE EXPIRATION DATE 11/30/2012



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

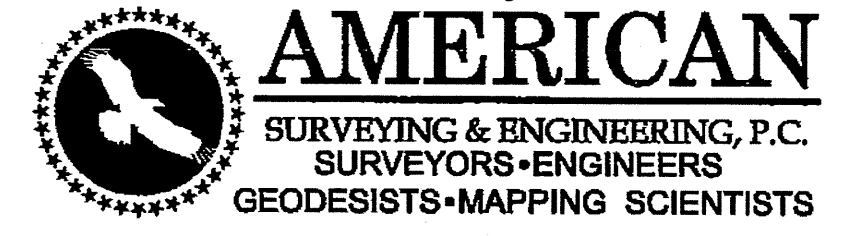
RECEIVED  
 MAR 09 2012  
 PLATS & LEGALS

**PLAT OF HIGHWAYS**  
 STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION  
 F.A.U. 1602 (IL 83)  
 KEDZIE AVENUE TO WESTERN AVENUE

SECTION: I-294 AT I-57 COUNTY: COOK  
 PROJECT: ALIGNMENT RECOVERY & R.O.W. CORNER DIAGRAM JOB NO. R-90-004-09  
 SCALE: 1" = 100' SHEET A14 OF A16

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

105 W. Madison St. Suite 1700  
 Chicago, IL 60602  
 312-277-2000 / Fax 312-277-2002



REVISION DATE: 2/6/2012

ASE JOB NO. 209021

CALCULATIONS BY: E. SLADEK

DRAFTING BY: B. TRAVER / E. SLADEK

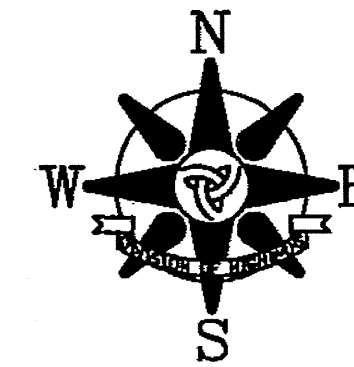
CHECKED BY: C. FIDIS

296 of 577



**PART OF SECTION 12, T36N, R13E & SECTION 7, T36N, R14E, OF THE 3RD PM, COOK COUNTY, ILLINOIS**

**RIGHT OF WAY CORNER RECOVERY TIES**



TIE	DISTANCE	DESCRIPTION	TIE	DISTANCE	DESCRIPTION	TIE	DISTANCE	DESCRIPTION	TIE	DISTANCE	DESCRIPTION	TIE	DISTANCE	DESCRIPTION	TIE	DISTANCE	DESCRIPTION
5998+62.57 / 38.37 RT. 30249			6004+58.61 / 45.19 RT. 30260			6005+79.71 / 82.01 LT. 30509			6008+73.88 / 58.22 RT. 30280			6013+17.87 / 63.83 RT. 30472			6014+78.71 / 47.02 RT. 30469		
T1	70.04'	964	T1	37.21'	964	T1	20.93'	960	T1	80.49'	964	T1	37.54'	982	T1	42.83'	982
T2	13.16'	964	T2	34.29'	964	T2	47.27'	960	T2	43.89'	956	T2	50.80'	982	T2	69.30'	982
T3	28.35'	964	T3	77.10'	960	T3	41.37'	960	T3	64.46'	959	T3	58.56'	982	T3	75.64'	982
6001+21.21 / 38.10 RT. 30251			6004+71.07 / 59.11 RT. 30258			6005+83.84 / 54.03 LT. 30507			6009+43.96 / 58.22 RT. 30302			6013+35.00 / 64.15 LT. 30386			6014+91.96 / 63.32 RT. 30468		
T1	53.59'	964	T1	25.26'	964	T1	32.11'	960	T1	48.29'	964	T1	31.80'	958	T1	27.30'	982
T2	41.91'	964	T2	34.58'	964	T2	53.61'	960	T2	106.32'	956	T2	40.24'	955	T2	65.98'	982
T3	28.86'	964	T3	86.18'	960	T3	41.29'	960	T3	130.78'	959	T3	74.59'	957	T3	85.06'	982
6001+32.04 / 52.66 RT. 30242			6005+40.98 / 47.82 RT. 30276			6006+72.33 / 47.82 RT. 30279			6010+64.01 / 54.55 LT. 30334			6013+59.30 / 52.88 RT. 30471			6015+36.00 / 63.92 LT. 30377		
T1	41.57'	964	T1	33.66'	964	T1	24.25'	982	T1	35.66'	964	T1	30.47'	982	T1	26.40'	982
T2	44.88'	964	T2	40.05'	964	T2	19.55'	959	T2	34.74'	964	T2	20.89'	982	T2	13.57'	982
T3	41.06'	964	T3	25.27'	964	T3	32.28'	982	T3	42.99'	964	T3	65.18'	982	T3	26.28'	982
6002+01.13 / 45.12 RT. 30271			6005+72.85 / 83.41 LT. 30508			6008+13.09 / 55.08 RT. 30288			6010+97.00 / 59.59 LT. 30341			6014+11.69 / 46.94 RT. 30470			6015+62.99 / 47.12 RT. 30427		
T1	25.69'	964	T1	26.45'	960	T1	55.75'	956	T1	76.77'	957	T1	65.08'	982	T1	49.09'	959
T2	44.31'	964	T2	54.00'	960	T2	38.18'	959	T2	71.47'	957	T2	25.57'	982	T2	37.28'	954
T3	29.98'	954	T3	48.02'	960	T3	77.80'	956	T3	31.08'	964	T3	39.78'	982	T3	65.48'	954
6003+12.38 / 45.15 RT. 30265			6005+75.90 / 63.39 LT. 30510			6008+48.55 / 56.91 RT. 30299			6011+26.99 / 67.93 LT. 30333			6014+22.79 / 64.05 LT. 30374			6017+10.00 / 53.72 LT. 30378		
T1	37.90'	964	T1	39.41'	960	T1	102.58'	964	T1	71.38'	957	T1	22.00'	958	T1	32.30'	964
T2	44.38'	960	T2	55.73'	960	T2	32.13'	956	T2	68.44'	957	T2	57.45'	955	T2	18.78'	964
T3	33.64'	954	T3	36.65'	960	T3	44.38'	959	T3	49.70'	964	T3	96.16'	957	T3	27.12'	964

**DESCRIPTION LEGEND**

- 950 - MAG NAIL IN UTILITY POLE
- 951 - MAG NAIL IN TREE
- 952 - "4" IN POLE FOUNDATION, BASE, OR BOLT
- 953 - CENTER TOP SPINDLE BOLT OF FIRE HYDRANT
- 954 - "4" ON CURB
- 955 - "4" ON WALK / CONCRETE PAD
- 956 - NW CORNER OF BUILDING
- 957 - NE CORNER OF BUILDING
- 958 - SE CORNER OF BUILDING
- 959 - SW CORNER OF BUILDING
- 960 - IRON ROD WITH YELLOW PLASTIC CAP
- 961 - "4" ON METAL FENCE POST
- 962 - MAG NAIL IN FENCE POST
- 963 - "4" ON MANHOLE, CATCH BASIN, OR VAULT RIM
- 964 - MAG NAIL IN PAVEMENT
- 965 - "4" ON CONCRETE RETAINING WALL
- 966 - "4" ON CONCRETE HEADWALL
- 967 - MAG NAIL IN LIGHT POLE
- 968 - MAG NAIL IN WOOD SIGN POST
- 969 - MAG NAIL IN RAILROAD TIE
- 970 - "4" ON LEG OF ELECTRIC TRANSMISSION TOWER
- 971 - CORNER OF LARGE SIGN
- 972 - FENCE CORNER
- 973 - MAG NAIL ON WOOD GUARDRAIL POST
- 974 - "4" ON CONC. SIGN FOUNDATION
- 975 - MAG NAIL ON STUMP
- 976 - "4" ON BUILDING FACE
- 977 - "4" ON RAILROAD SPIKE
- 978 - CORNER OF PLANTER
- 979 - CORNER OF COLUMN
- 980 - "4" ON CONCRETE PIER
- 981 - "4" ON BUILDING FOUNDATION
- 982 - NAIL AND WASHER IN PAVEMENT

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

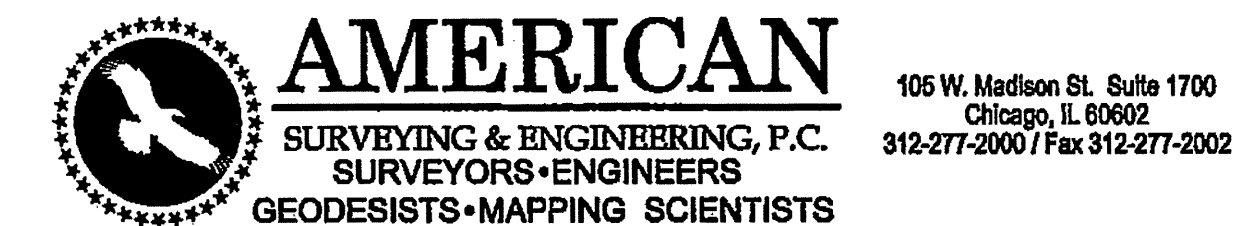
THIS IS TO CERTIFY THAT I, COVENTINE FIDIS, AN ILLINOIS PROFESSIONAL LAND SURVEYOR, HAVE SURVEYED THE PLAT OF HIGHWAYS SHOWN HEREON IN SECTION 12, TOWNSHIP 36 NORTH, RANGE 13 EAST AND SECTION 7, TOWNSHIP 36 NORTH, RANGE 14 EAST OF THE THIRD PRINCIPAL MERIDIAN, IN COOK COUNTY, THAT THE PLAT CORRECTLY REPRESENTS SAID SURVEY, THAT ALL MONUMENTS FOUND AND ESTABLISHED ARE OF PERMANENT QUALITY AND OCCUPY THE POSITIONS SHOWN THEREON AND THAT THE MONUMENTS ARE SUFFICIENT TO ENABLE THE SURVEY TO BE RETRACED. MADE FOR THE DEPARTMENT OF TRANSPORTATION, STATE OF ILLINOIS.

DATED AT CHICAGO, ILLINOIS THIS 6TH DAY OF FEBRUARY, 2012.

*[Signature]*  
 COVENTINE FIDIS  
 ILLINOIS PROFESSIONAL LAND SURVEYOR NO. 2159  
 LICENSE EXPIRATION DATE 11/30/2012



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



RECEIVED  
 MAR 09 2012  
 PLATS & LEGALS

**PLAT OF HIGHWAYS**  
 STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION  
 F.A.U. 1602 (IL 83)  
 KEDZIE AVENUE TO WESTERN AVENUE  
 SECTION: I-294 AT I-57 COUNTY: COOK  
 PROJECT: RIGHT OF WAY CORNER RECOVERY JOB NO. R-90-004-09  
 SCALE: NO SCALE SHEET A15 OF A16

BUREAU OF LAND ACQUISITION  
 201 WEST CENTER COURT  
 SCHAMBURG, ILLINOIS 60196 297 of 577

**DIXIE HIGHWAY**

**PART OF SECTION 12, T36N, R13E & SECTION 7, T36N, R14E, OF THE 3RD PM, COOK COUNTY, ILLINOIS**

**RIGHT OF WAY CORNER RECOVERY TIES**



**DESCRIPTION LEGEND**

- 950 - MAG NAIL IN UTILITY POLE
- 951 - MAG NAIL IN TREE
- 952 - "4" IN POLE FOUNDATION, BASE, OR BOLT
- 953 - CENTER TOP SPINDLE BOLT OF FIRE HYDRANT
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- 981 - "4" ON BUILDING FOUNDATION
- 982 - NAIL AND WASHER IN PAVEMENT

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

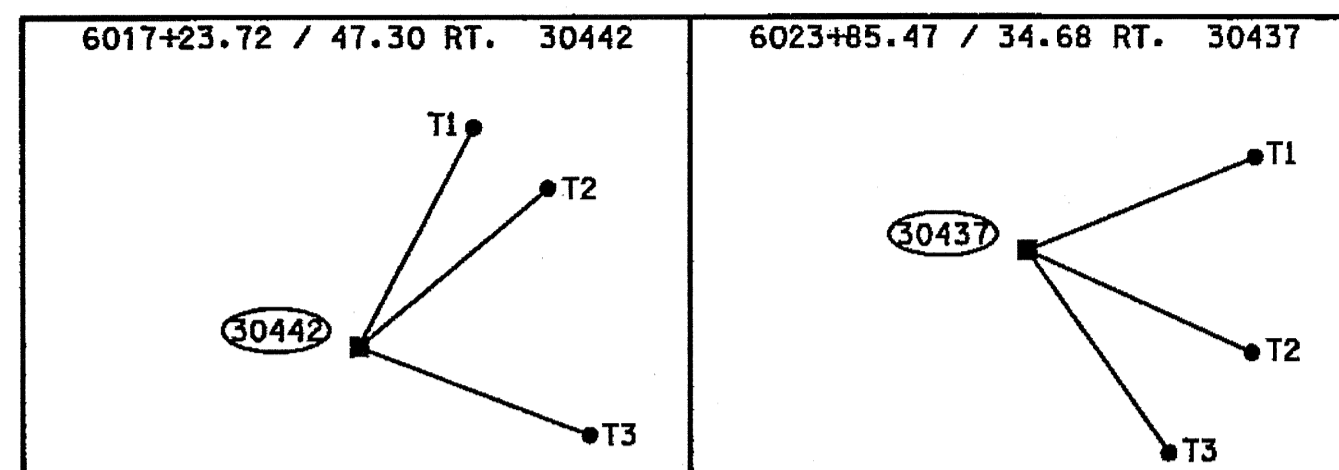
THIS IS TO CERTIFY THAT I, COVENTINE FIDIS, AN ILLINOIS PROFESSIONAL LAND SURVEYOR, HAVE SURVEYED THE PLAT OF HIGHWAYS SHOWN HEREON IN SECTION 12, TOWNSHIP 36 NORTH, RANGE 13 EAST AND SECTION 7, TOWNSHIP 36 NORTH, RANGE 14 EAST OF THE THIRD PRINCIPAL MERIDIAN, IN COOK COUNTY, THAT THE PLAT CORRECTLY REPRESENTS SAID SURVEY, THAT ALL MONUMENTS FOUND AND ESTABLISHED ARE OF PERMANENT QUALITY AND OCCUPY THE POSITIONS SHOWN THEREON AND THAT THE MONUMENTS ARE SUFFICIENT TO ENABLE THE SURVEY TO BE RETRACED. MADE FOR THE DEPARTMENT OF TRANSPORTATION, STATE OF ILLINOIS.

DATED AT CHICAGO, ILLINOIS THIS 6TH DAY OF FEBRUARY, 2012.

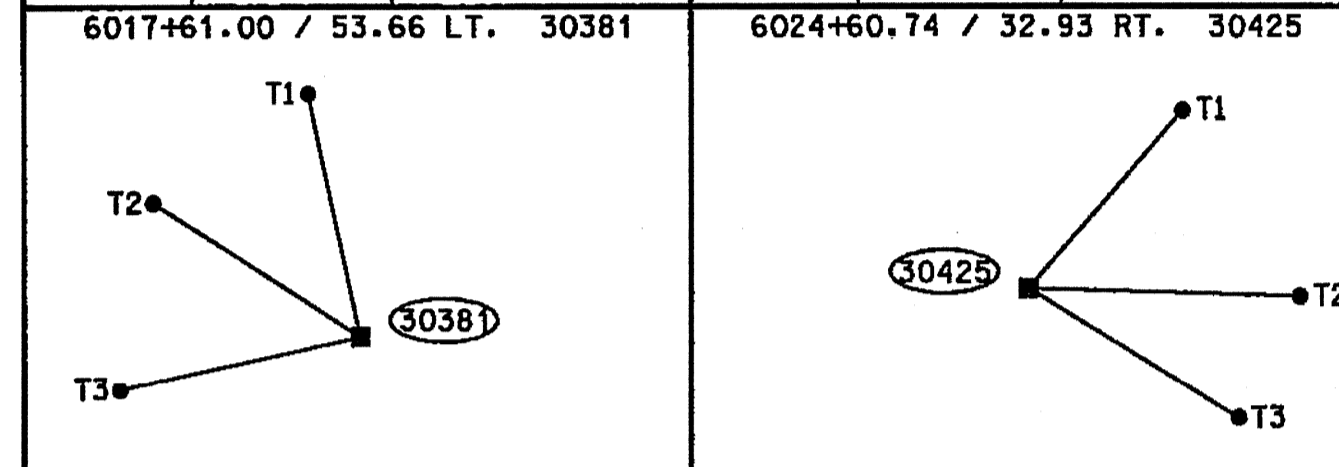
*[Handwritten Signature]*

COVENTINE FIDIS  
 ILLINOIS PROFESSIONAL LAND SURVEYOR NO. 2159  
 LICENSE EXPIRATION DATE 11/30/2012

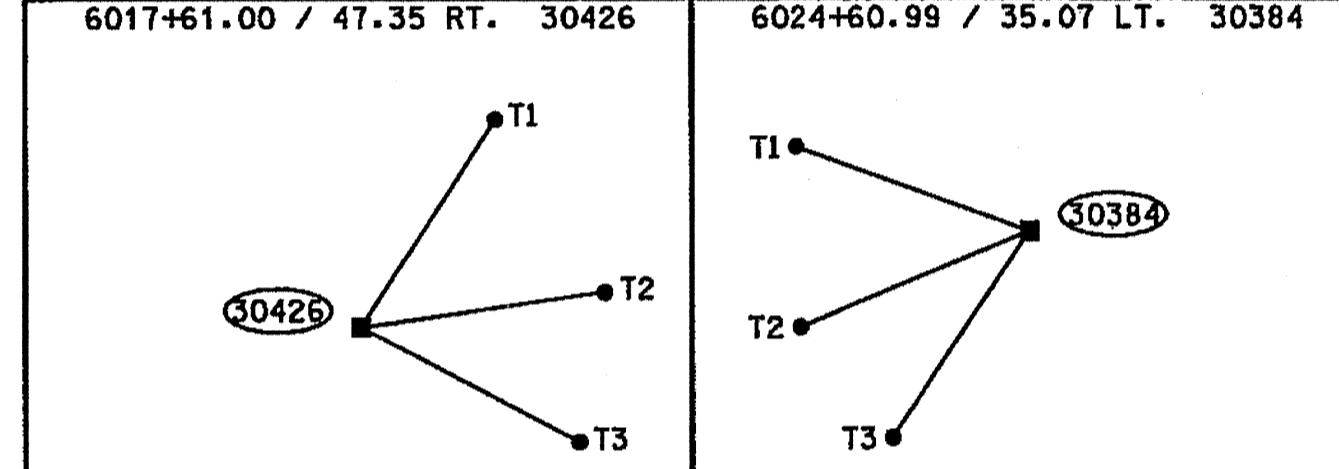
THIS PROFESSIONAL SERVICE CONFORMS TO THE CURRENT ILLINOIS MINIMUM SURVEY STANDARDS.



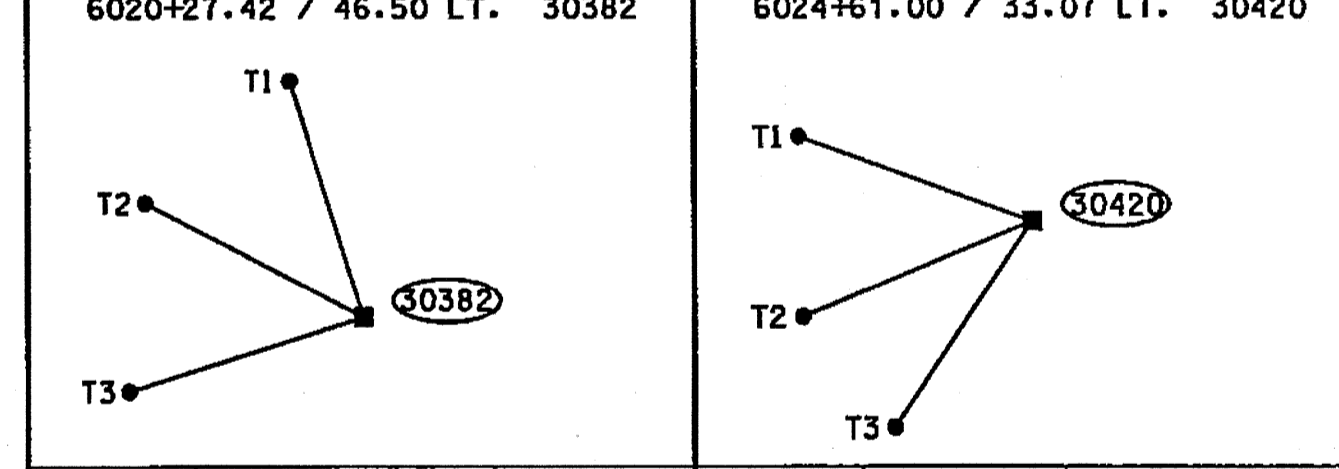
TIE	DISTANCE	DESCRIPTION
T1	45.86'	982
T2	30.97'	982
T3	27.96'	954



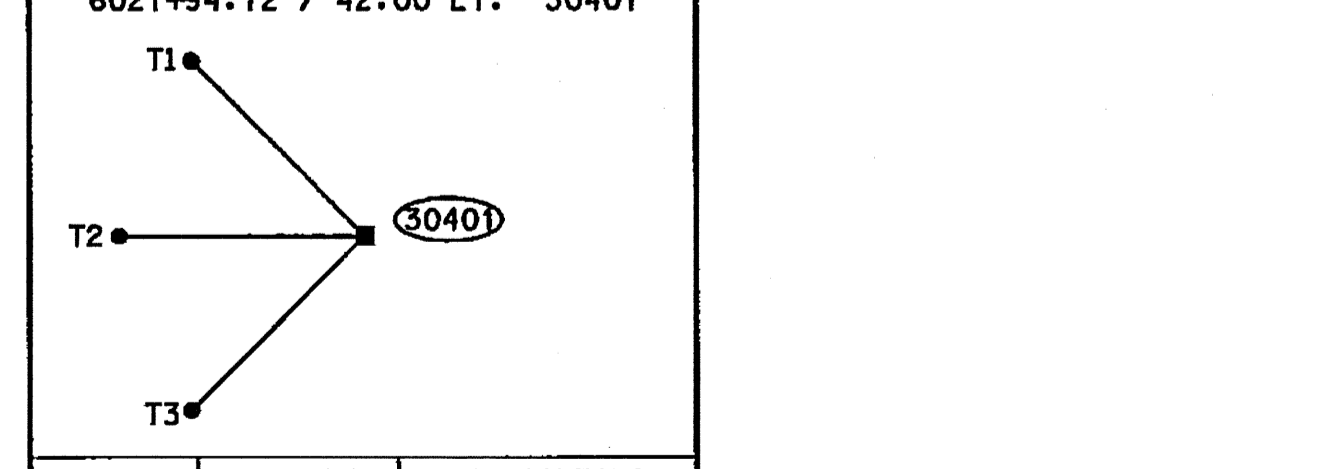
TIE	DISTANCE	DESCRIPTION
T1	65.84'	981
T2	70.52'	954
T3	71.15'	954



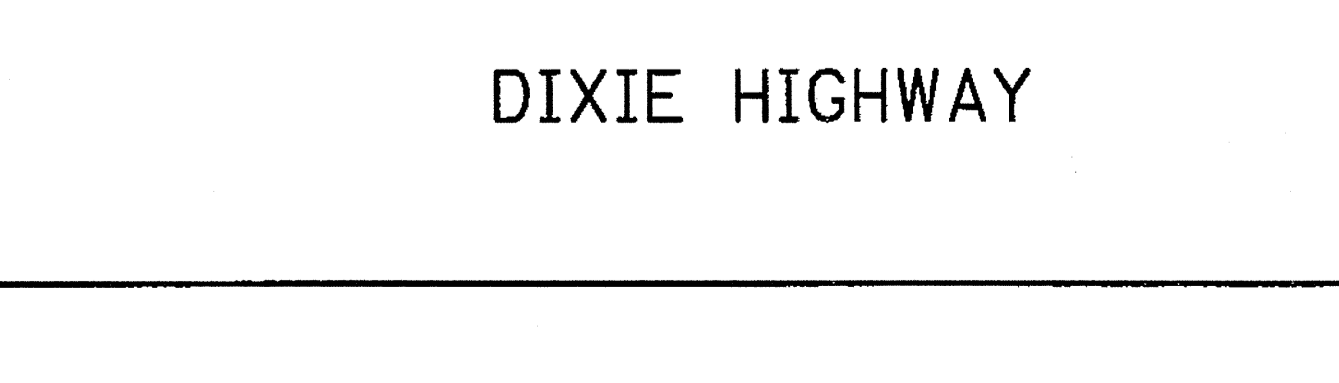
TIE	DISTANCE	DESCRIPTION
T1	31.02'	964
T2	18.12'	964
T3	30.90'	964



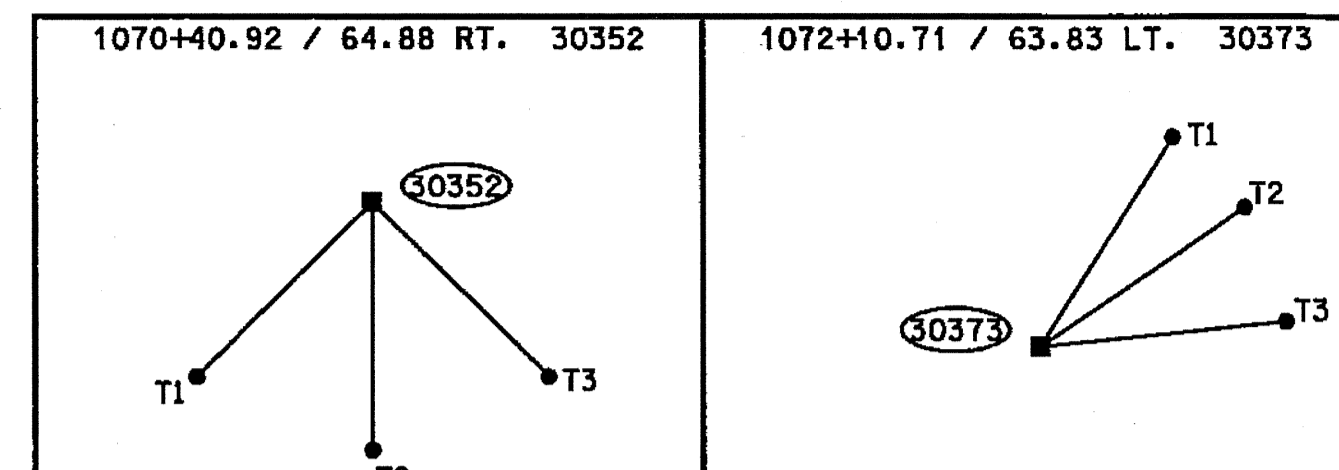
TIE	DISTANCE	DESCRIPTION
T1	61.52'	950
T2	71.25'	955
T3	92.31'	981



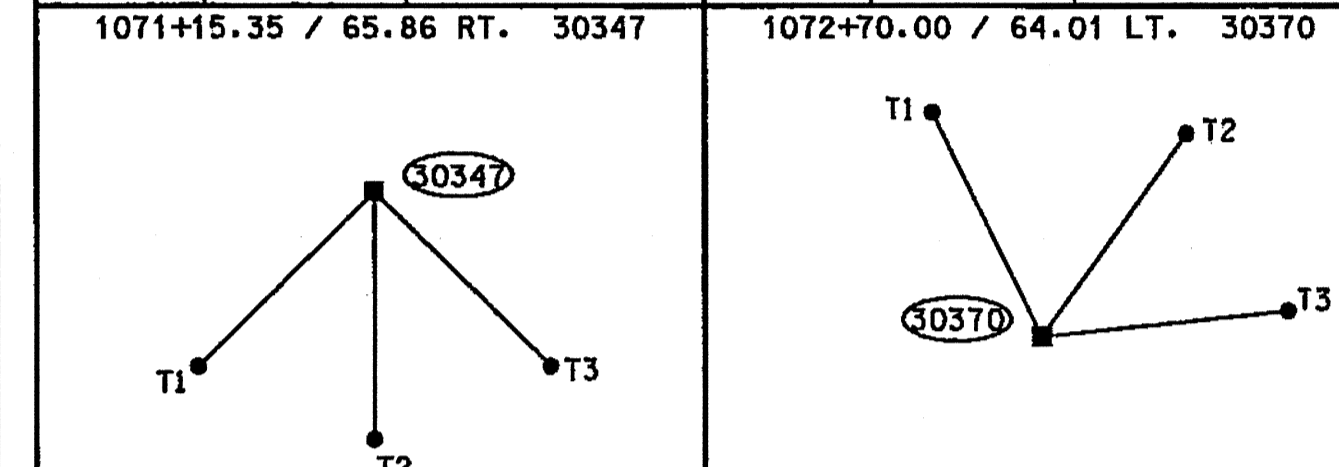
TIE	DISTANCE	DESCRIPTION
T1	45.46'	982
T2	29.64'	982
T3	35.87'	982



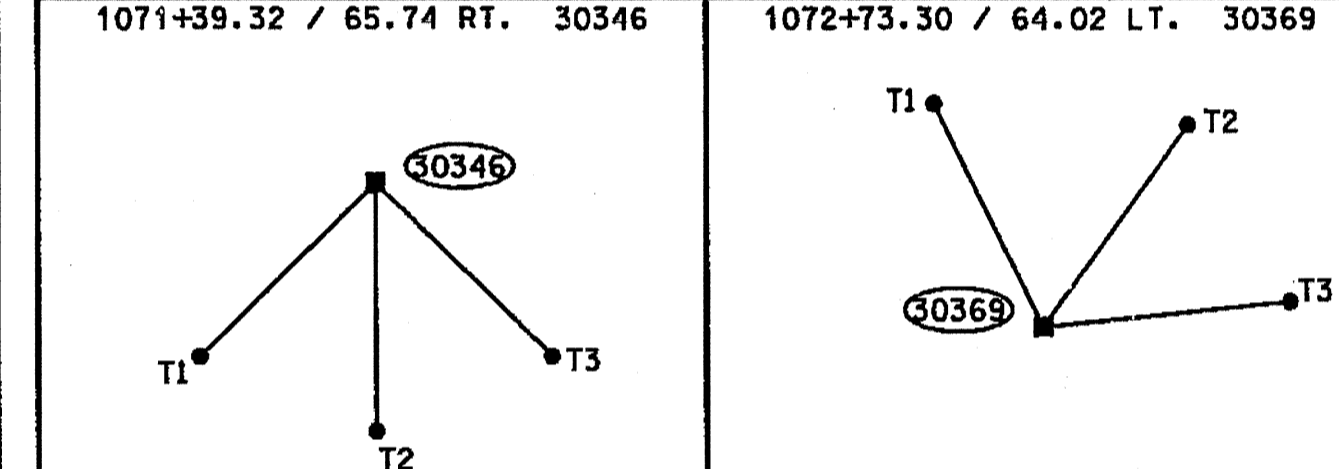
TIE	DISTANCE	DESCRIPTION
T1	81.19'	957
T2	49.83'	954
T3	108.96'	958



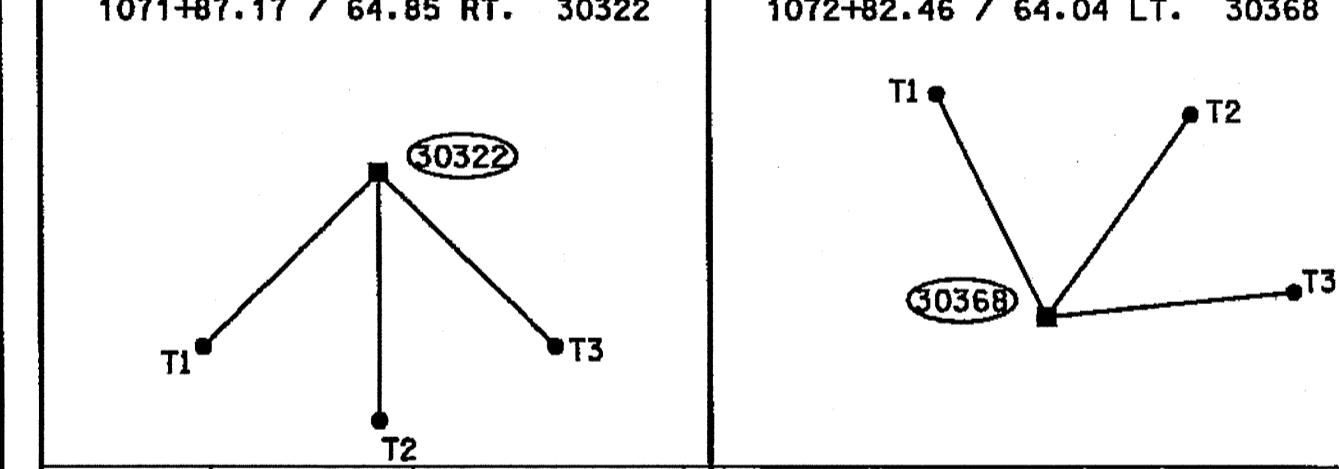
TIE	DISTANCE	DESCRIPTION
T1	47.14'	960
T2	29.72'	960
T3	29.15'	960



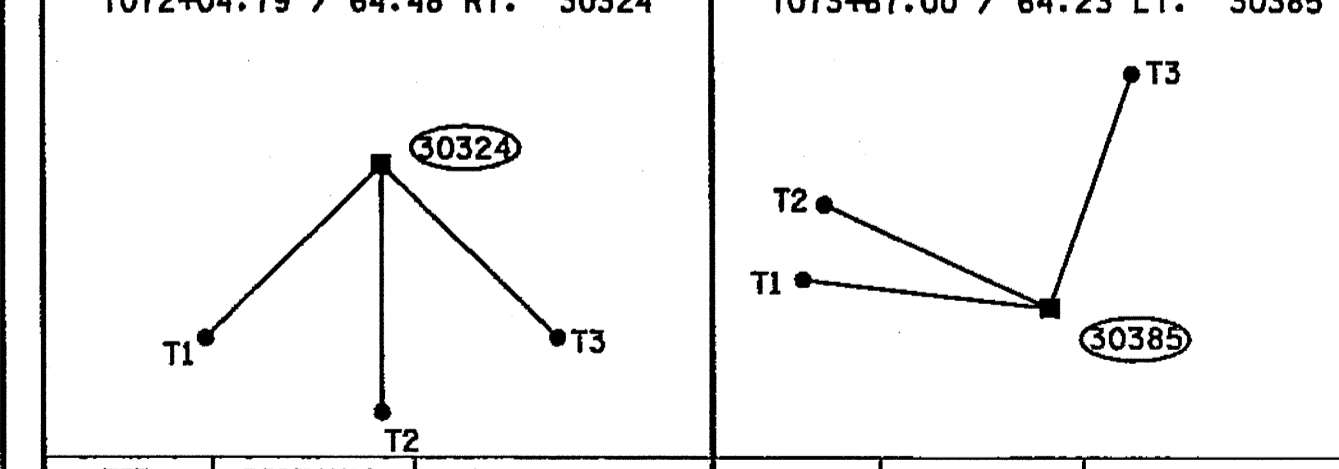
TIE	DISTANCE	DESCRIPTION
T1	63.64'	955
T2	99.25'	959
T3	176.11'	958



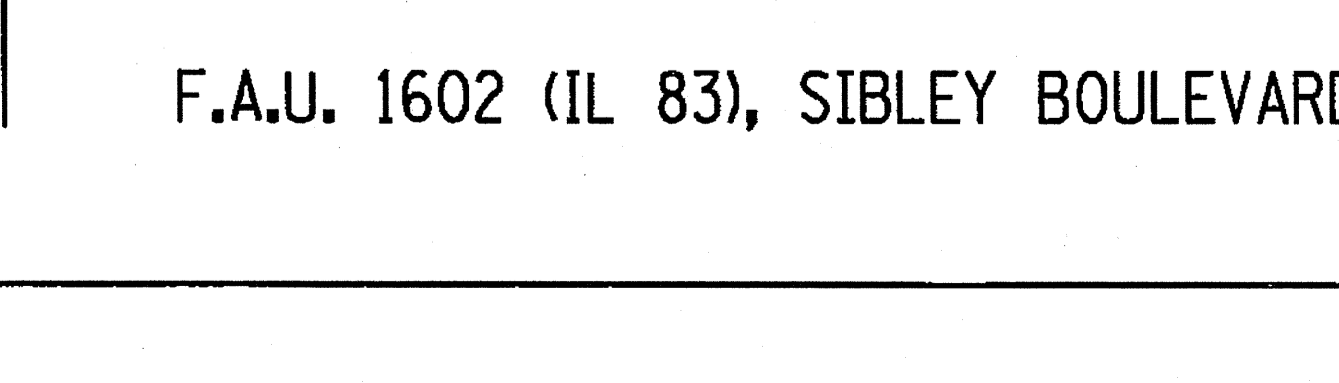
TIE	DISTANCE	DESCRIPTION
T1	84.69'	956
T2	62.24'	957
T3	63.74'	957



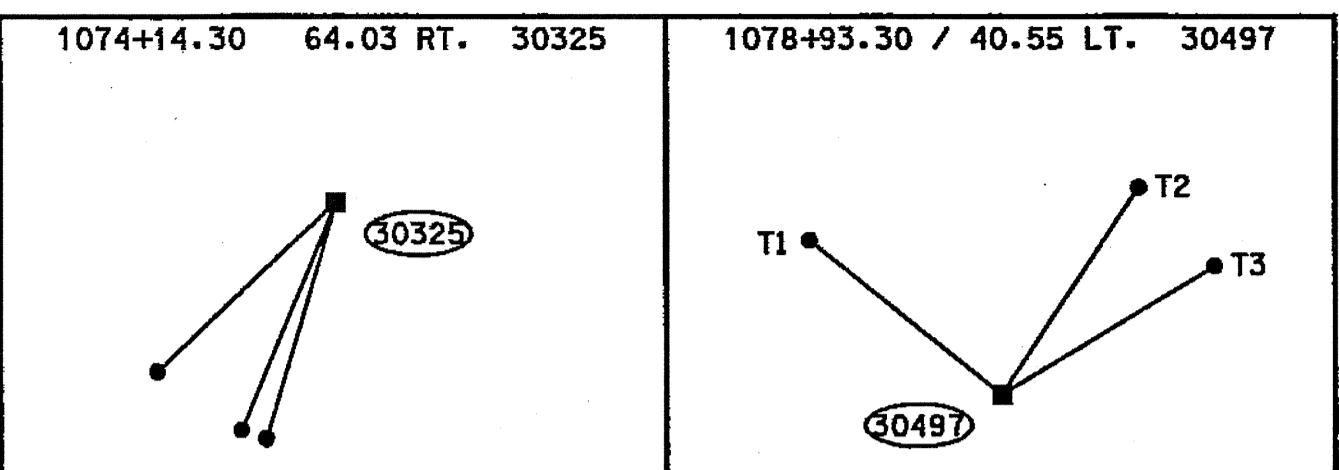
TIE	DISTANCE	DESCRIPTION
T1	64.81'	958
T2	51.24'	964
T3	46.99'	964



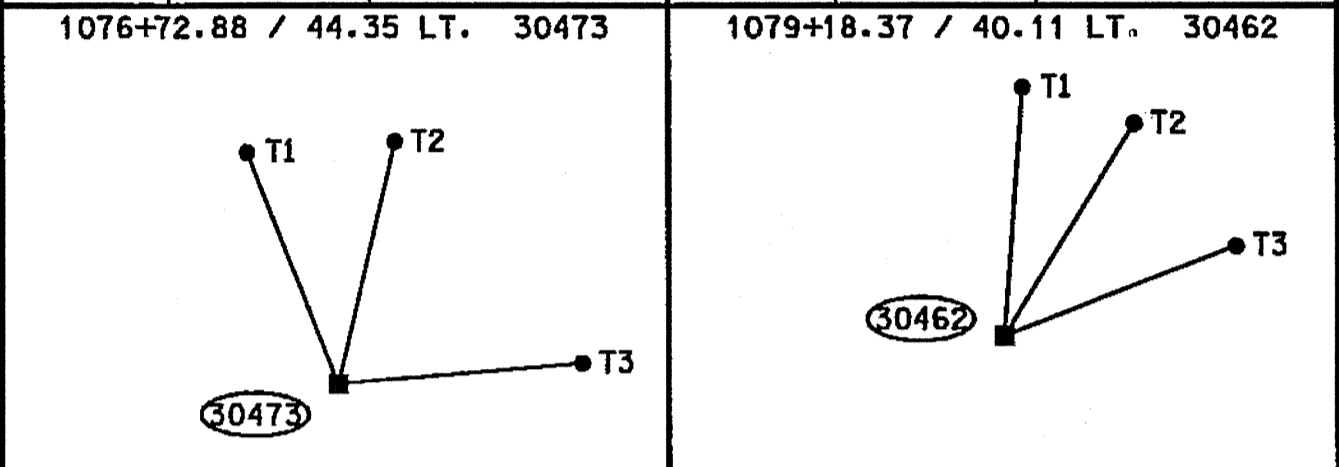
TIE	DISTANCE	DESCRIPTION
T1	38.20'	960
T2	24.08'	960
T3	15.32'	960



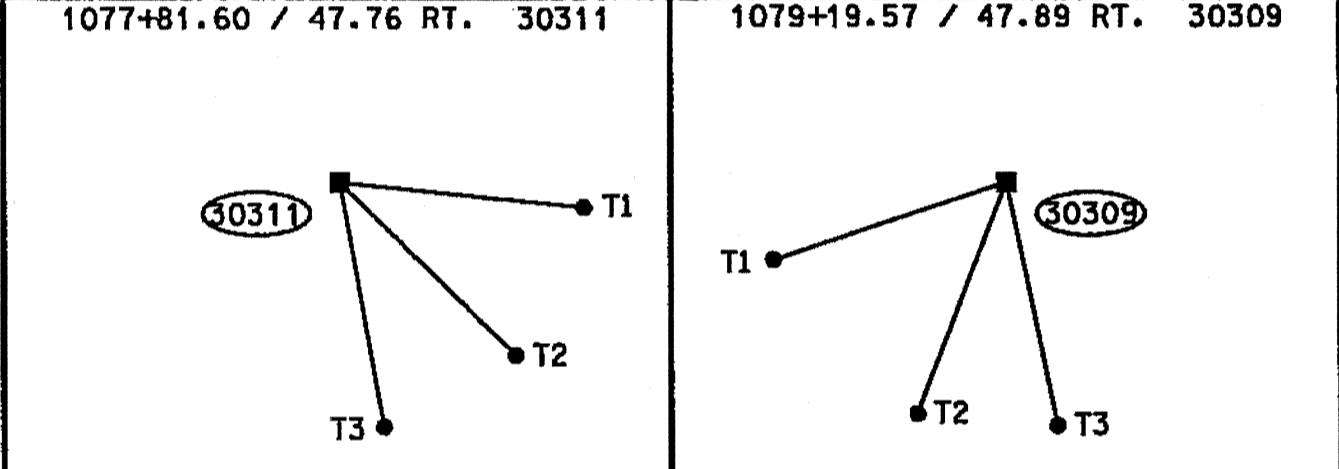
TIE	DISTANCE	DESCRIPTION
T1	42.84'	955
T2	53.38'	959
T3	120.16'	958



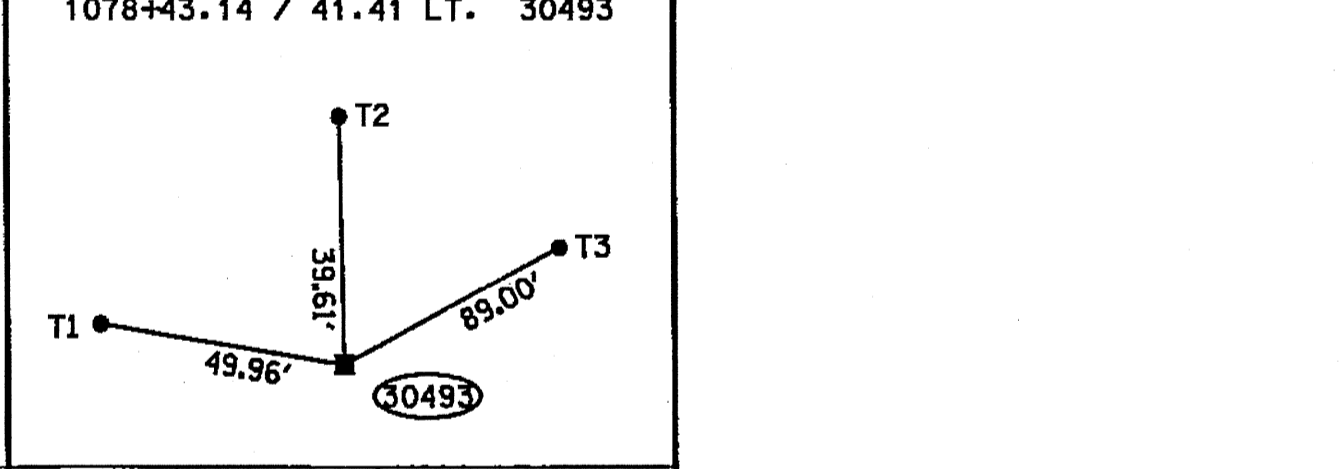
TIE	DISTANCE	DESCRIPTION
T1	18.05'	955
T2	11.07'	955
T3	28.50'	959



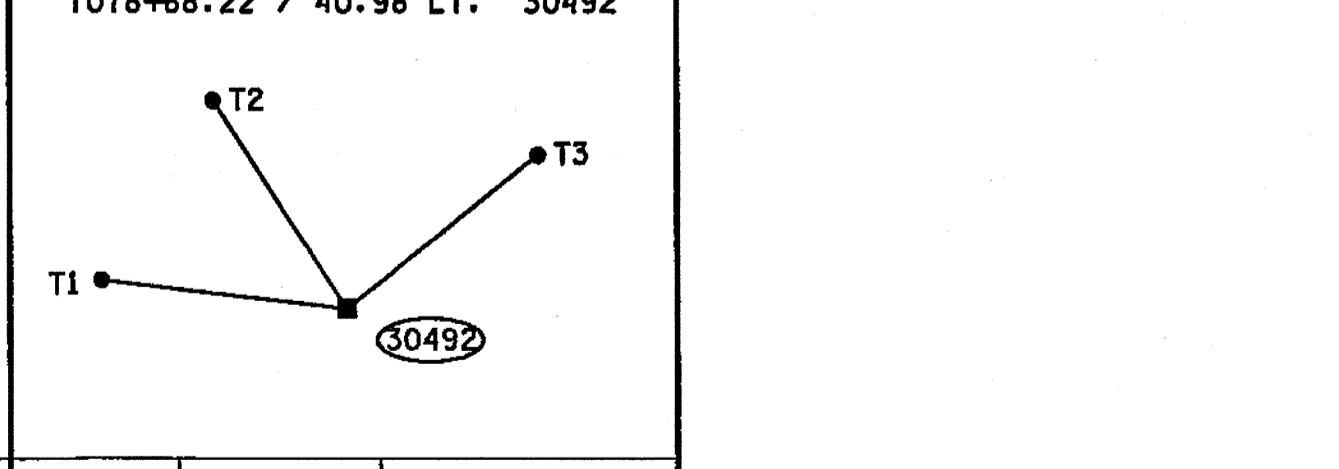
TIE	DISTANCE	DESCRIPTION
T1	43.13'	964
T2	28.83'	964
T3	23.41'	964



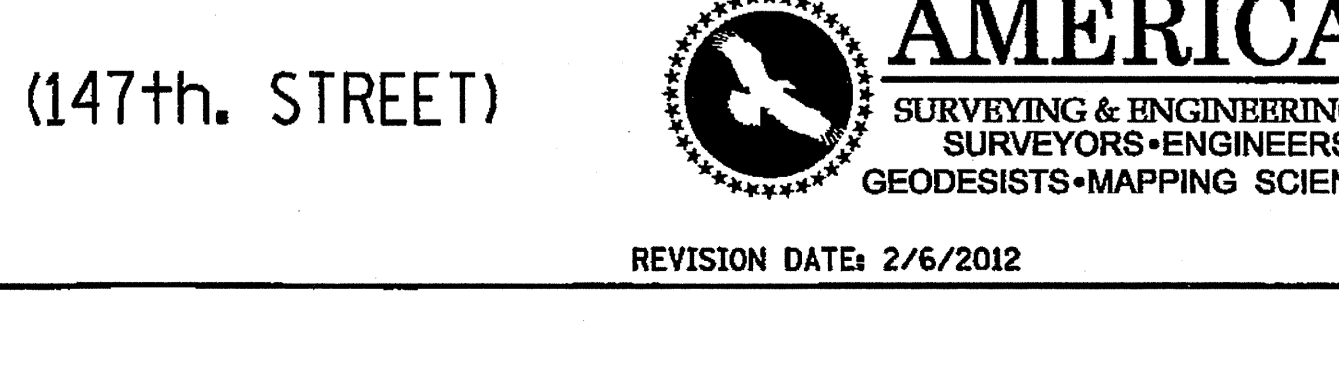
TIE	DISTANCE	DESCRIPTION
T1	100.53'	955
T2	136.15'	957
T3	41.35'	955



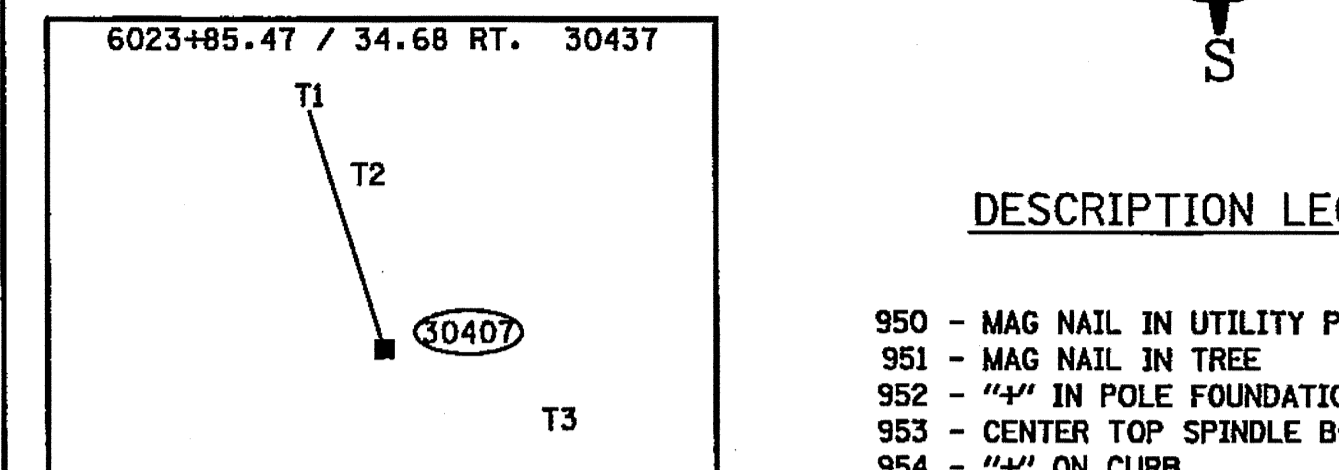
TIE	DISTANCE	DESCRIPTION
T1	40.14'	955
T2	96.29'	957
T3	47.19'	964



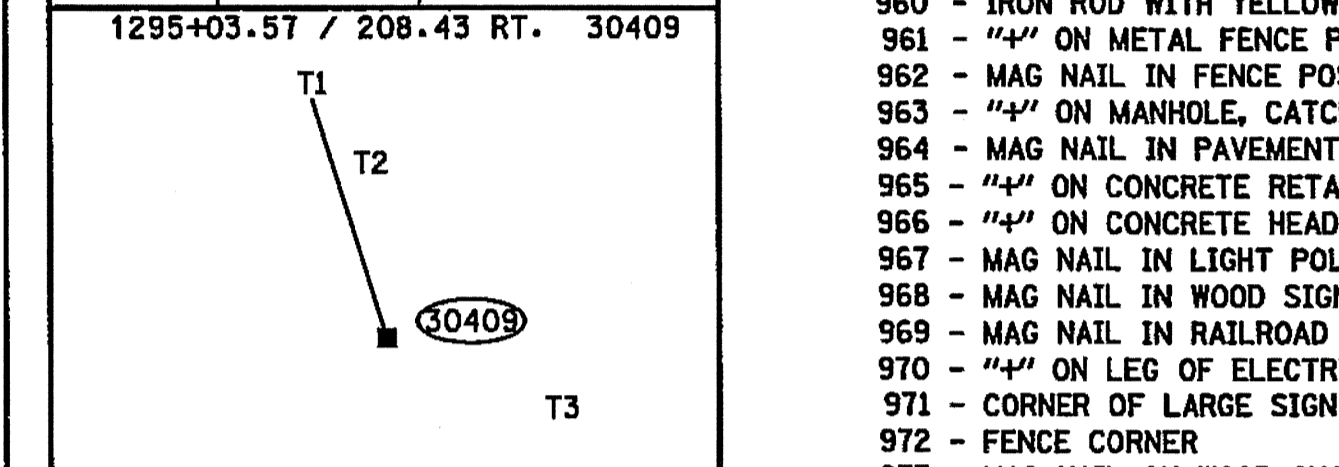
TIE	DISTANCE	DESCRIPTION
T1	45.12'	964
T2	69.99'	958
T3	28.08'	951



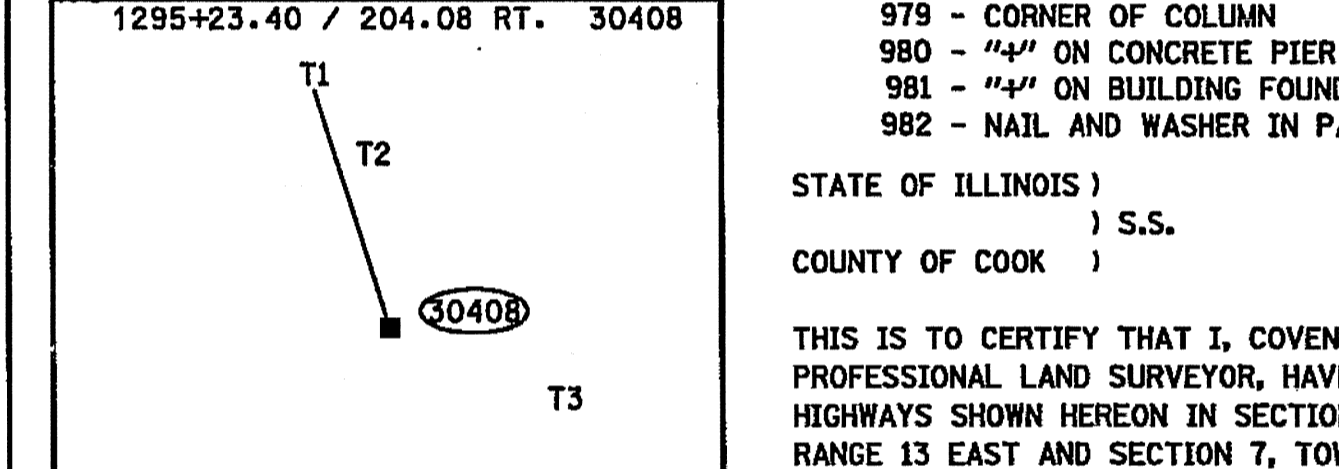
TIE	DISTANCE	DESCRIPTION
T1	45.46'	957
T2	29.64'	954
T3	35.87'	958



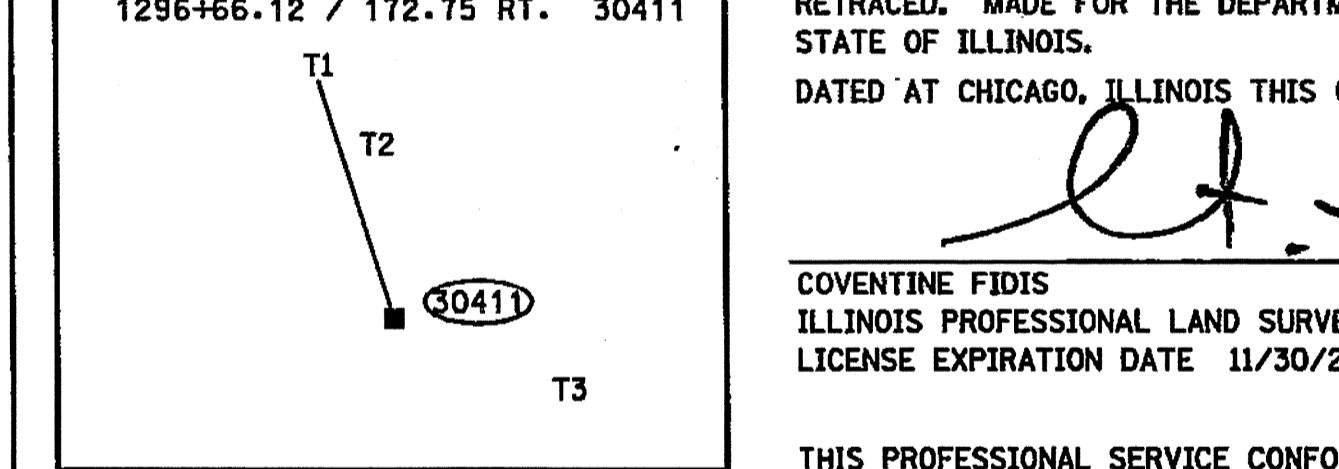
TIE	DISTANCE	DESCRIPTION
T1		
T2		
T3		



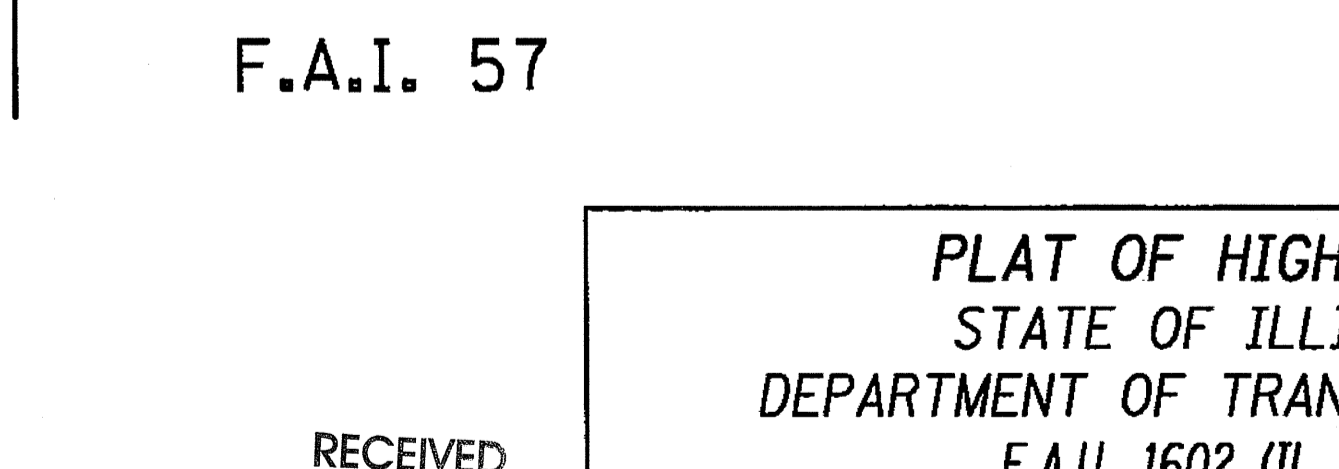
TIE	DISTANCE	DESCRIPTION
T1		
T2		
T3		



TIE	DISTANCE	DESCRIPTION
T1		
T2		
T3		



TIE	DISTANCE	DESCRIPTION
T1		
T2		
T3		

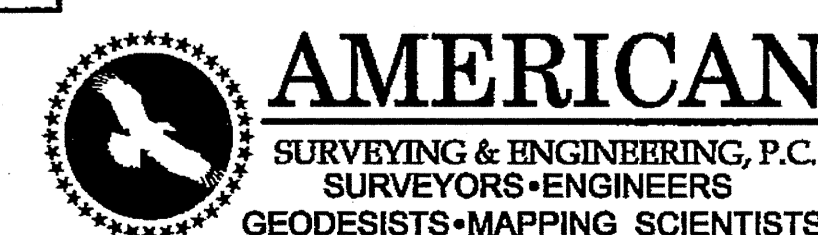


TIE	DISTANCE	DESCRIPTION
T1		
T2		
T3		

F.A.I. 57

RECEIVED  
 MAR 09 2012  
 PLATS & LEGALS

**PLAT OF HIGHWAYS**  
 STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION  
 F.A.U. 1602 (IL 83)  
 KEDZIE AVENUE TO WESTERN AVENUE  
 SECTION: I-294 AT I-57 COUNTY: COOK  
 PROJECT: ALIGNMENT AND COORDINATE DATA JOB NO. R-90-004-09  
 SCALE: NO SCALE SHEET A16 OF A16  
 BUREAU OF LAND ACQUISITION  
 201 WEST CENTER COURT  
 SCHAMBURG, ILLINOIS 60196 297A of 577



105 W. Madison St. Suite 1700  
 Chicago, IL 60602  
 312-277-2000 / Fax 312-277-2002

REVISION DATE: 2/6/2012

ASE JOB NO. 209021

DIXIE HIGHWAY

F.A.U. 1602 (IL 83), SIBLEY BOULEVARD (147th. STREET)

RTE	FISCAL YEAR	COUNTY	TOTAL SHEETS	SHEET NO.
F.A.U. 57		COOK	8	1
F.A.U. 1602 (IL 83), SIBLEY BOULEVARD (147th. STREET)				

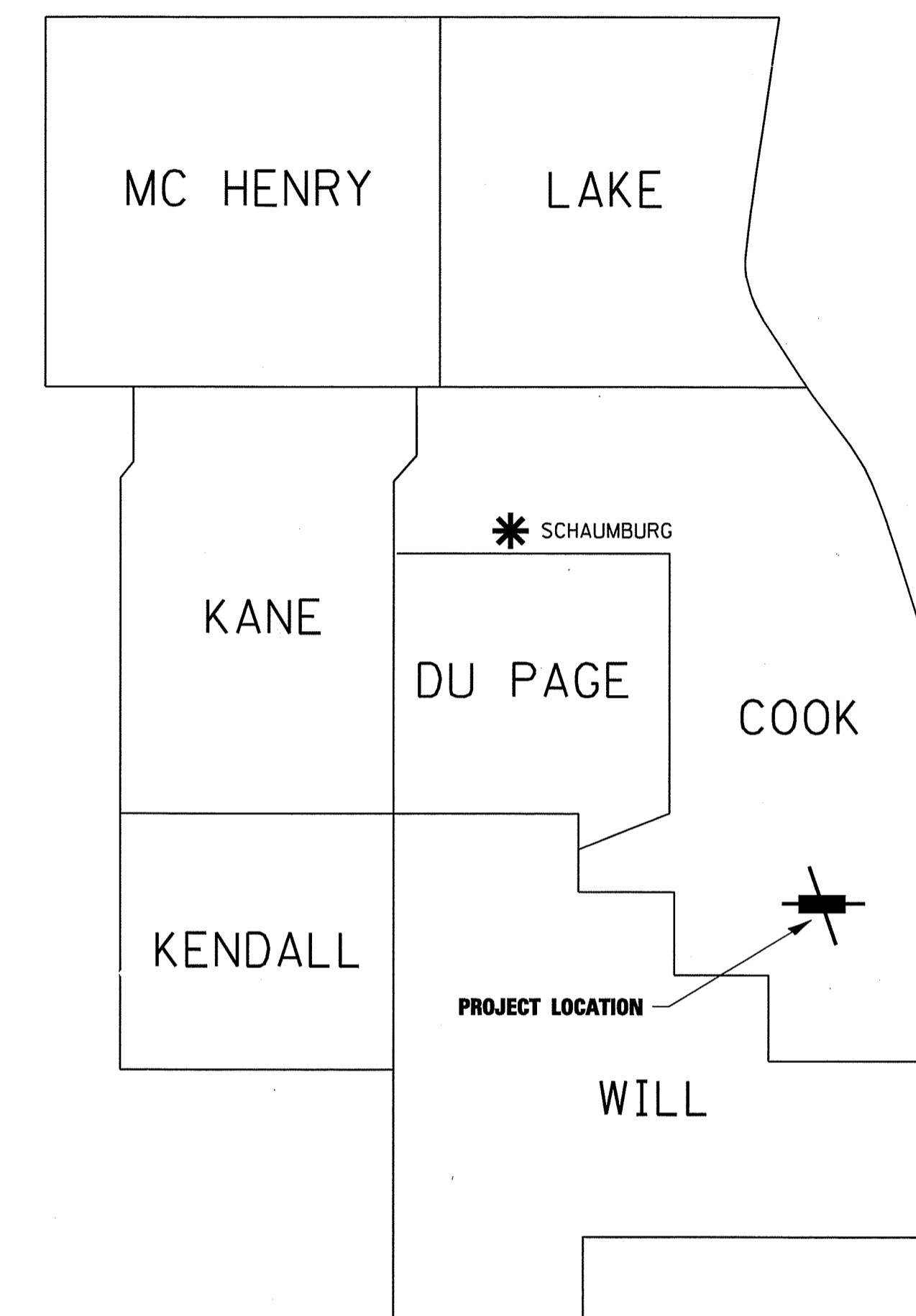
### SHEET INDEX

NOTE: ALL PARCEL NUMBERS PREFACED WITH 0GTO

- SHEET 2 PARCELS 130, 130TE, 131, 131TE, 132, 132TE, 133, 133TE
- SHEET 3 PARCELS 134TE, 135TE, 136TE
- SHEET 4 PARCELS 138TE, 140TE
- SHEET 5 PARCELS 148, 148TE, 149, 149TE, 150, 150TE, 151, 151TE, 152, 152TE
- SHEET 6 PARCELS 153, 153TE, 154TE, 155TE, 156TE, 157TE, 183TE
- SHEET 7 PARCEL 184TE
- SHEET 8 ALIGNMENT TIES AND RIGHT OF WAY CORNER RECOVERY TIES

# STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION DIVISION OF HIGHWAYS PLAT OF HIGHWAYS

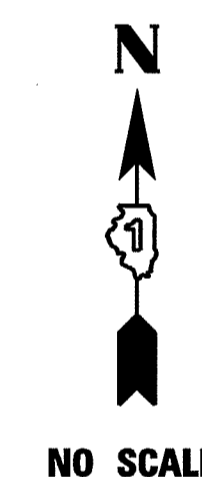
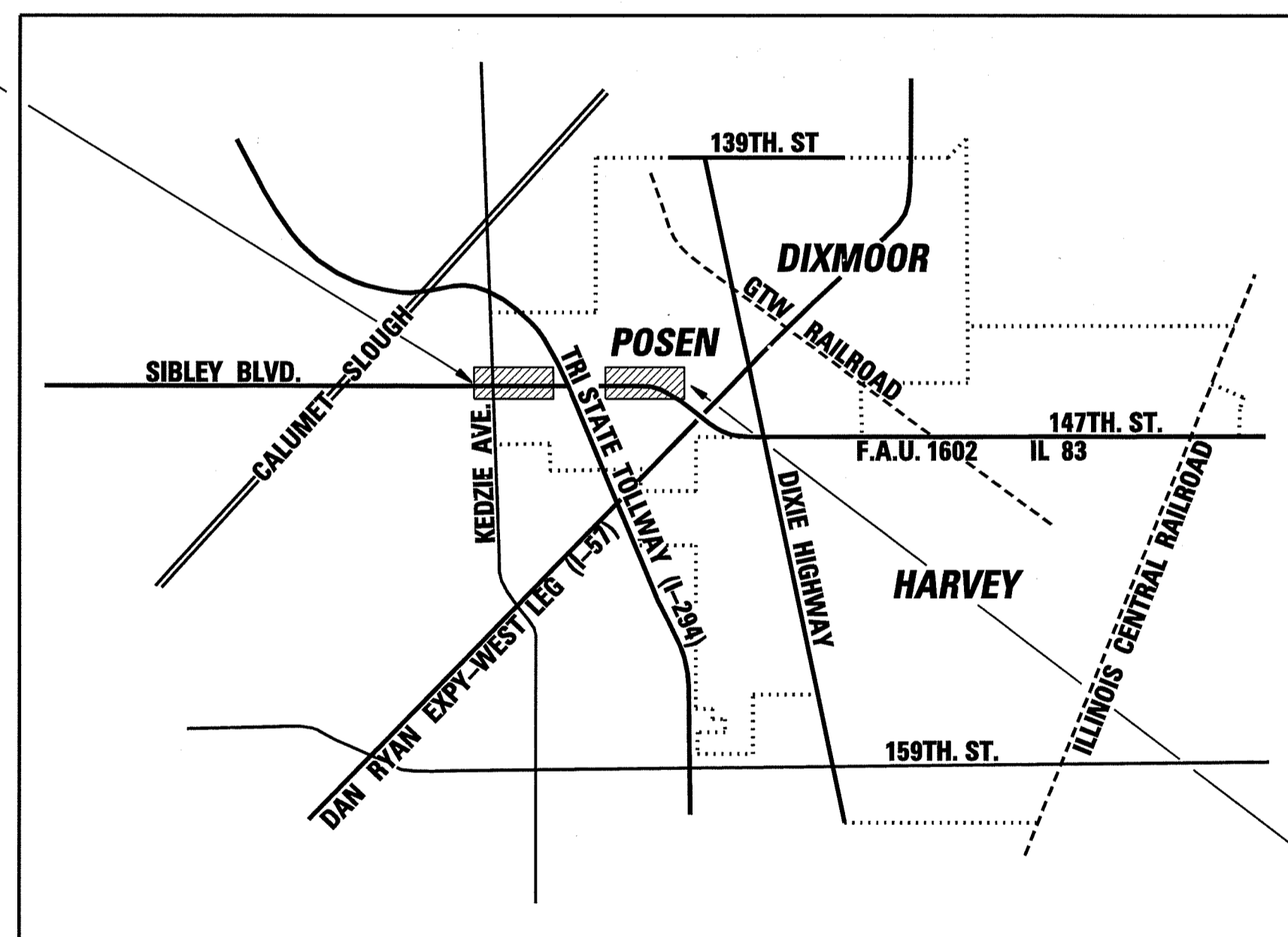
## DISTRICT 1



## PLANS FOR PROPOSED F.A.U. 1602 (IL 83), KEDZIE AVENUE TO WESTERN AVENUE COOK COUNTY, ILLINOIS

### JOB NO. R-90-004-09

SIBLEY BOULEVARD  
(147th. STREET)  
BEGINS 1005 + 83.79



NO SCALE

SIBLEY BLVD.  
ENDS 1051 + 68.00

#### LOCATION MAP

LENGTH OF PROJECT:  
F.A.U. 1602 (IL 83), SIBLEY BOULEVARD  
(147th. STREET)  
TOTAL LENGTH 4584.21'

**AMERICAN**  
SURVEYING & ENGINEERING, P.C.  
SURVEYORS • ENGINEERS  
105 W. Madison St. Suite 1700  
Chicago, IL 60602  
312-277-2000 / Fax 312-277-2002  
ILLINOIS PROFESSIONAL DESIGN FIRM NO. 184-003192

ASE JOB NO. 209021

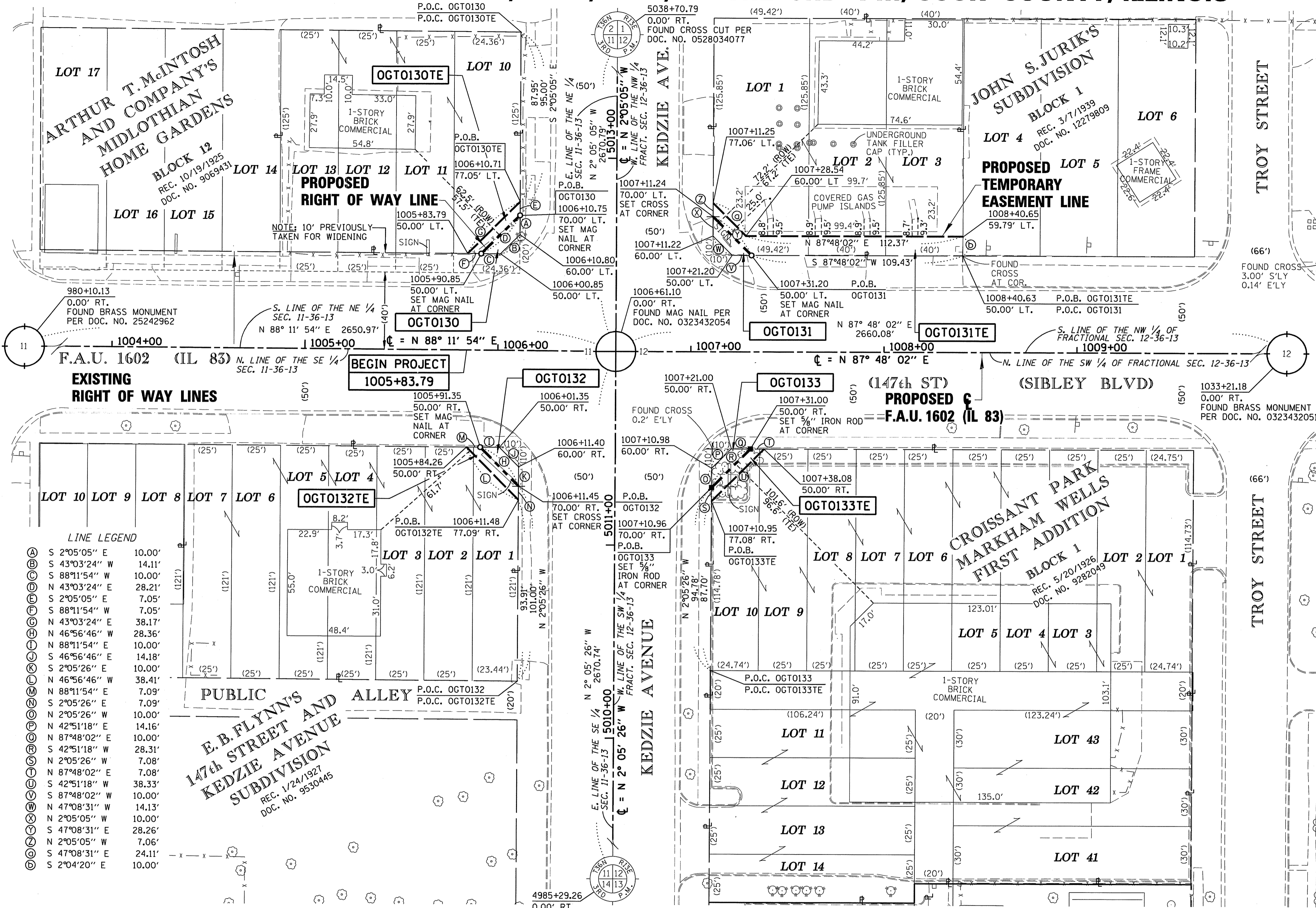
REVISION DATE: 6/14/2012

#### STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION DIVISION OF HIGHWAYS

SUBMITTED _____	20	
		DISTRICT ENGINEER
EXAMINED _____	20	
		DISTRICT RIGHT OF WAY PLANS ENGINEER
PASSED _____	20	
		DISTRICT LAND ACQUISITION ENGINEER
REVIEWED _____	20	
		CENTRAL BUREAU RIGHT OF WAY PLANS ENGINEER
APPROVED _____	20	
		ENGINEER OF LAND ACQUISITION

RECEIVED  
JUN 15 2012  
PLATS & LEGALS

**PART OF SECTION 11 AND 12, T36N, R13E, OF THE 3RD PM, COOK COUNTY, ILLINOIS**



**LEGEND**

- SECTION CORNER
- QUARTER SECTION CORNER
- CENTER OF SECTION
- EXISTING CENTERLINE
- EXISTING RIGHT OF WAY LINE
- PROPOSED CENTERLINE
- PROPOSED RIGHT OF WAY LINE
- PROPOSED TEMPORARY EASEMENT LINE
- PROPOSED PERMANENT EASEMENT LINE
- SECTION LINE
- QUARTER SECTION LINE
- QUARTER QUARTER SECTION LINE
- PLATTED LOT LINE
- PROPERTY (DEED) LINE
- APPARENT PROPERTY LINE
- ACCESS CONTROL LINE
- MEASURED OR COMPUTED DIMENSION
- RECORD DATA
- FOUND IRON PIPE OR IRON ROD
- SET MAG NAIL
- PERMANENT SURVEY MONUMENT, I.D.O.T. STD. 2135 (TO BE SET BY OTHERS)
- CUT CROSS FOUND OR SET
- FOUND CONCRETE RIGHT-OF-WAY MARKER
- SAME OWNERSHIP
- FENCE LINE
- SIGN

BEARINGS SHOWN HEREON REFERENCE THE ILLINOIS STATE PLANE COORDINATE SYSTEM, EAST ZONE, NORTH AMERICAN DATUM OF 1983 (2004 ADJUSTMENT).

- T1 THESE STAKES REFERENCE FOUND OR SET MONUMENTATION, SET 5/8 INCH IRON ROD FLUSH WITH GROUND. IDENTIFIED BY COLORED PLASTIC CAP BEARING SURVEYORS REGISTRATION NUMBER.
  - T2
  - T3
  - BT1 THESE STAKES, IN CULTIVATED AREAS, REFERENCE FOUND OR SET MONUMENTATION, BURIED 5/8 INCH IRON ROD 20 INCHES BELOW GROUND SURFACE. IDENTIFIED BY COLORED PLASTIC CAP BEARING SURVEYORS REGISTRATION NUMBER.
  - BT2
  - BT3
  - STAKING OF PROPOSED RIGHT OF WAY. SET DIVISION OF HIGHWAYS SURVEY MARKER TO MONUMENT THE POSITION SHOWN. IDENTIFIED BY INSCRIPTION DATA AND SURVEYORS REGISTRATION NUMBER.
  - M STAKING OF PROPOSED RIGHT OF WAY IN CULTIVATED AREAS. BURIED 5/8 INCH IRON ROD 20 INCHES BELOW GROUND SURFACE TO MARK FUTURE SURVEY MARKER POSITION. IDENTIFIED BY COLORED PLASTIC CAP AND SURVEYORS REGISTRATION NUMBER.
  - U STAKING OF PROPOSED RIGHT OF WAY IN CLOSE PROXIMITY TO UNDERGROUND UTILITIES. SET DIVISION OF HIGHWAYS SURVEY MARKER ON 5/8 INCH IRON ROD (BETWEEN 6 INCHES AND 12 INCHES IN LENGTH) TO MONUMENT THE POSITION SHOWN. IDENTIFIED BY INSCRIPTION DATA AND SURVEYORS REGISTRATION NUMBER.
- STATE OF ILLINOIS )  
COUNTY OF COOK ) S.S.

THIS IS TO CERTIFY THAT I, COVENTINE FIDIS, AN ILLINOIS PROFESSIONAL LAND SURVEYOR, HAVE SURVEYED THE PLAT OF HIGHWAYS SHOWN HEREON IN SECTION 11 AND IN FRACTIONAL SECTION 12, TOWNSHIP 36 NORTH, RANGE 13 EAST OF THE THIRD PRINCIPAL MERIDIAN, IN WILL COUNTY, THAT THE PLAT CORRECTLY REPRESENTS SAID SURVEY, THAT ALL MONUMENTS FOUND AND ESTABLISHED ARE OF PERMANENT QUALITY AND OCCUPY THE POSITIONS SHOWN THEREON AND THAT THE MONUMENTS ARE SUFFICIENT TO ENABLE THE SURVEY TO BE RETRACED. MADE FOR THE DEPARTMENT OF TRANSPORTATION, STATE OF ILLINOIS.

DATED AT CHICAGO, ILLINOIS THIS 14TH DAY OF JUNE, 2012.

*C. F. Fidis*

COVENTINE FIDIS  
ILLINOIS PROFESSIONAL LAND SURVEYOR NO. 2159  
LICENSE EXPIRATION DATE 11/30/2012

STATE OF ILLINOIS  
COVENTINE FIDIS  
35-2159  
CHICAGO, ILL.  
PROFESSIONAL LAND SURVEYOR

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

**LINE LEGEND**

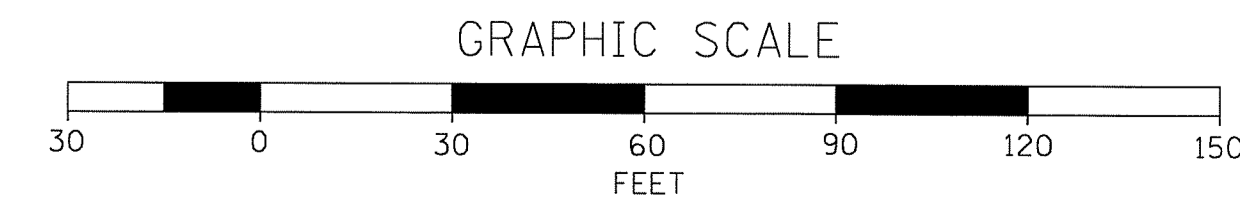
Ⓐ	S 2°05'05" E	10.00'
Ⓑ	S 43°03'24" W	14.11'
Ⓒ	S 88°11'54" W	10.00'
Ⓓ	N 43°03'24" E	28.21'
Ⓔ	S 2°05'05" E	7.05'
Ⓕ	S 88°11'54" W	7.05'
Ⓖ	N 43°03'24" E	38.17'
Ⓗ	N 46°56'46" W	28.36'
Ⓙ	N 88°11'54" E	10.00'
Ⓚ	S 46°56'46" E	14.18'
Ⓛ	S 2°05'26" E	10.00'
Ⓜ	N 46°56'46" W	38.41'
Ⓝ	N 88°11'54" E	7.09'
Ⓞ	S 2°05'26" E	7.09'
Ⓟ	N 2°05'26" W	10.00'
Ⓠ	N 42°51'18" E	14.16'
Ⓡ	N 87°48'02" E	10.00'
Ⓢ	S 42°51'18" W	28.31'
Ⓣ	N 2°05'26" W	7.08'
Ⓤ	N 87°48'02" W	7.08'
Ⓥ	S 42°51'18" W	38.33'
Ⓦ	S 87°48'02" W	10.00'
Ⓧ	N 47°08'31" W	14.13'
Ⓨ	N 2°05'05" W	10.00'
Ⓩ	S 47°08'31" E	28.26'
ⓐ	S 2°05'05" W	7.06'
ⓑ	S 47°08'31" E	24.11'
Ⓒ	S 2°04'20" E	10.00'

PARCEL NO.	OWNER	PERMANENT INDEX NUMBER	TOTAL HOLDING	AREA TAKING	PREVIOUSLY DEDICATED	REMAINDER	EASEMENTS		EASEMENT PURPOSE	PROPERTY ACQUIRED BY
							TEMP	PERM		
OGT0130	CHICAGO TITLE LAND TRUST CO., AS TRUSTEE, UNDER TRUST AGREEMENT DATED AUGUST 10, 2007 KNOWN AS TRUST NO. 8002349228	28-11-230-023 28-11-230-024 28-11-230-025 28-11-230-026	0.327 AC	0.003 AC 150 S.F.		0.324 AC			CONSTRUCTION	
OGT0131	STANDARD BANK AND TRUST CO., AS TRUSTEE, UNDER TRUST AGREEMENT DATED JUNE 12, 2000 KNOWN AS TRUST NO. 16638	28-12-117-019 28-12-117-020 28-12-117-021	0.364 AC	0.003 AC 150 S.F.		0.361 AC			CONSTRUCTION	
OGT0132	HARRIS N.A., AS TRUSTEE, UNDER TRUST AGREEMENT DATED DECEMBER 27, 1985 KNOWN AS TRUST NO. L-1159	28-11-410-004 28-11-410-010	0.481 AC	0.003 AC 150 S.F.		0.478 AC			CONSTRUCTION	
OGT0133	NOVOGRODER / 147 POSEN, LLC	28-12-300-007 THRU 014 28-12-300-029 28-12-300-052 (PT.) 28-12-300-053	1.314 AC	0.003 AC 150 S.F.		1.311 AC			CONSTRUCTION	

NOTE: EXISTING RIGHT OF WAY LINES BY SUBDIVISIONS OF RECORD



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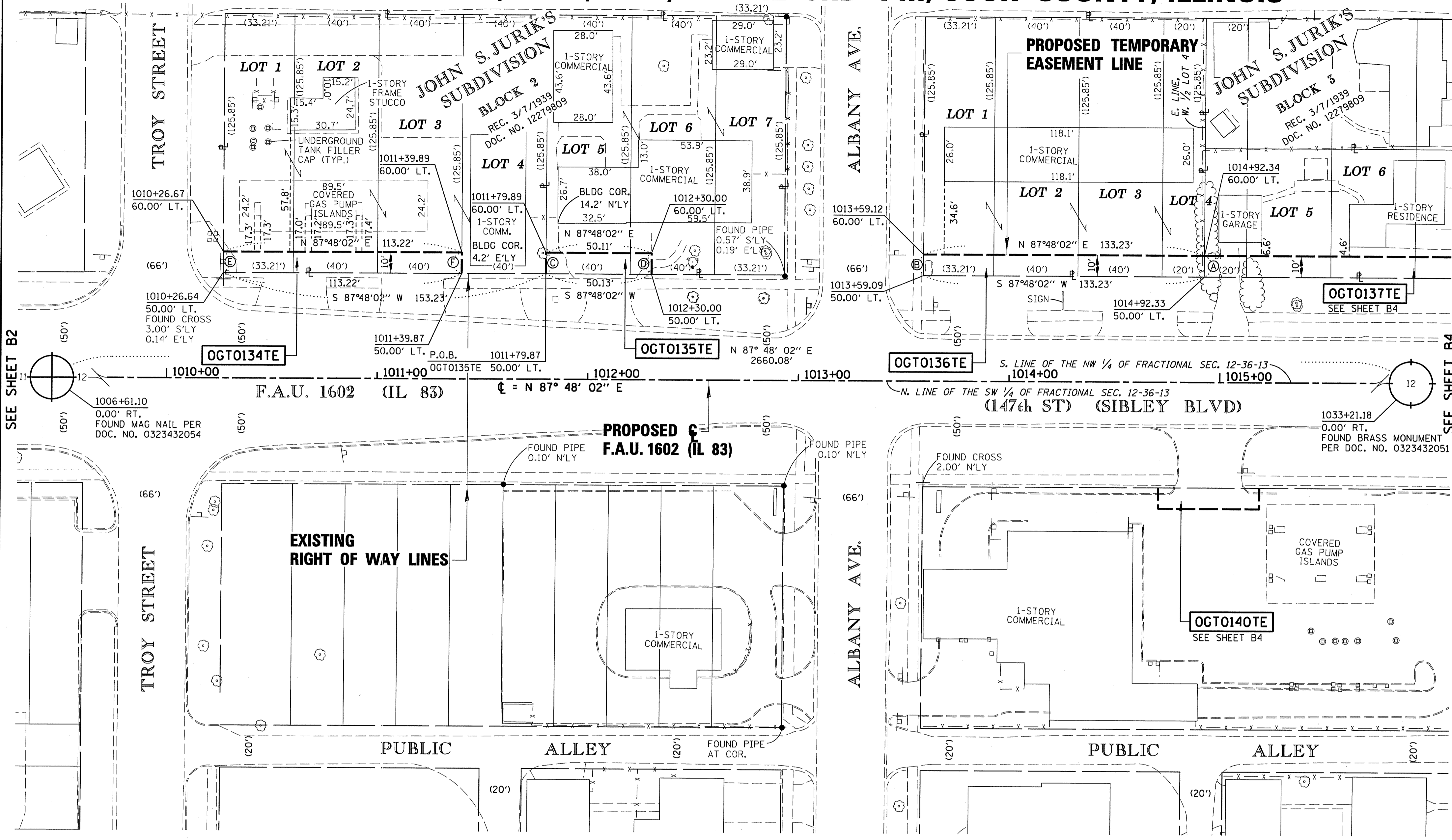
**PLAT OF HIGHWAYS**  
STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION  
F.A.U. 1602 (IL 83)  
KEDZIE AVENUE TO WESTERN AVENUE

SECTION: COOK COUNTY  
PROJECT: JOB NO. R-90-004-09  
STATION: 1005+83.79 TO STATION: 1010+00  
SCALE: 1" = 30' SHEET B2 OF B8

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

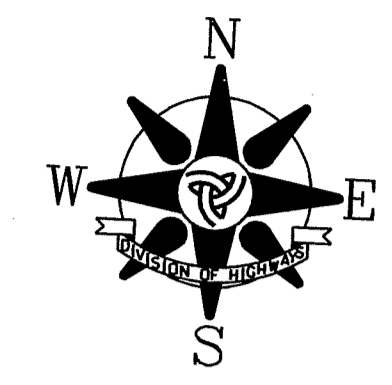
299 of 577

**PART OF SECTION 12, T36N, R13E, OF THE 3RD PM, COOK COUNTY, ILLINOIS**



**LEGEND**

- QUARTER SECTION CORNER
- CENTER OF SECTION
- EXISTING CENTERLINE
- EXISTING RIGHT OF WAY LINE
- PROPOSED CENTERLINE
- PROPOSED RIGHT OF WAY LINE
- PROPOSED TEMPORARY EASEMENT LINE
- PROPOSED PERMANENT EASEMENT LINE
- SECTION LINE
- QUARTER SECTION LINE
- QUARTER QUARTER SECTION LINE
- PLATTED LOT LINE
- PROPERTY (DEED) LINE
- APPARENT PROPERTY LINE
- ACCESS CONTROL LINE
- MEASURED OR COMPUTED DIMENSION
- RECORD DATA
- FOUND IRON PIPE OR IRON ROD
- SET MAG NAIL
- PERMANENT SURVEY MONUMENT, I.D.O.T. STD. 2135 (TO BE SET BY OTHERS)
- CUT CROSS FOUND OR SET
- FOUND CONCRETE RIGHT-OF-WAY MARKER
- SAME OWNERSHIP
- FENCE LINE
- SIGN
- T1 THESE STAKES REFERENCE FOUND OR SET MONUMENTATION. SET 3/8 INCH IRON ROD FLUSH WITH GROUND. IDENTIFIED BY COLORED PLASTIC CAP BEARING SURVEYORS REGISTRATION NUMBER.
- T2
- T3
- BT1 THESE STAKES, IN CULTIVATED AREAS, REFERENCE FOUND OR SET MONUMENTATION. BURIED 5/8 INCH IRON ROD 20 INCHES BELOW GROUND SURFACE. IDENTIFIED BY COLORED PLASTIC CAP BEARING SURVEYORS REGISTRATION NUMBER.
- BT2
- BT3
- M STAKING OF PROPOSED RIGHT OF WAY. SET DIVISION OF HIGHWAYS SURVEY MARKER TO MONUMENT THE POSITION SHOWN. IDENTIFIED BY INSCRIPTION DATA AND SURVEYORS REGISTRATION NUMBER.
- U STAKING OF PROPOSED RIGHT OF WAY IN CULTIVATED AREAS. BURIED 5/8 INCH IRON ROD 20 INCHES BELOW GROUND SURFACE TO MARK FUTURE SURVEY MARKER POSITION. IDENTIFIED BY COLORED PLASTIC CAP AND SURVEYORS REGISTRATION NUMBER.
- U STAKING OF PROPOSED RIGHT OF WAY IN CLOSE PROXIMITY TO UNDERGROUND UTILITIES. SET DIVISION OF HIGHWAYS SURVEY MARKER ON 5/8 INCH IRON ROD (BETWEEN 6 INCHES AND 12 INCHES IN LENGTH) TO MONUMENT THE POSITION SHOWN. IDENTIFIED BY INSCRIPTION DATA AND SURVEYORS REGISTRATION NUMBER.



BEARINGS SHOWN HEREON REFERENCE THE ILLINOIS STATE PLANE COORDINATE SYSTEM, EAST ZONE, NORTH AMERICAN DATUM OF 1983 (2004 ADJUSTMENT).

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

THIS IS TO CERTIFY THAT I, COVENTINE FIDIS, AN ILLINOIS PROFESSIONAL LAND SURVEYOR, HAVE SURVEYED THE PLAT OF HIGHWAYS SHOWN HEREON IN FRACTIONAL SECTION 12, TOWNSHIP 36 NORTH, RANGE 13 EAST OF THE THIRD PRINCIPAL MERIDIAN, IN WILL COUNTY, THAT THE PLAT CORRECTLY REPRESENTS SAID SURVEY, THAT ALL MONUMENTS FOUND AND ESTABLISHED ARE OF PERMANENT QUALITY AND OCCUPY THE POSITIONS SHOWN THEREON AND THAT THE MONUMENTS ARE SUFFICIENT TO ENABLE THE SURVEY TO BE RETRACED. MADE FOR THE DEPARTMENT OF TRANSPORTATION, STATE OF ILLINOIS.

DATED AT CHICAGO, ILLINOIS THIS 14TH DAY OF JUNE, 2012.

*C. Fidis*

COVENTINE FIDIS  
 ILLINOIS PROFESSIONAL LAND SURVEYOR NO. 2159  
 LICENSE EXPIRATION DATE 11/30/2012

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

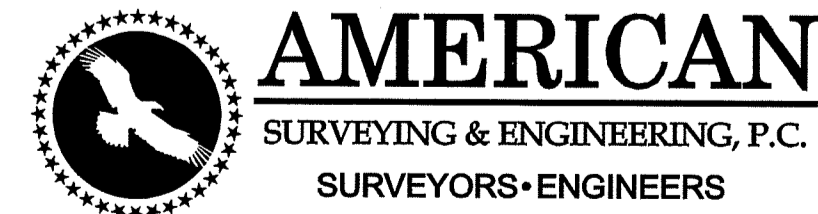


- LINE LEGEND**
- (A) S 2°03'21" E 10.00'
  - (B) N 2°03'34" W 10.00'
  - (C) N 2°03'52" W 10.00'
  - (D) S 2°12'35" E 10.00'
  - (E) N 2°04'20" W 10.00'
  - (F) S 2°04'02" E 10.00'

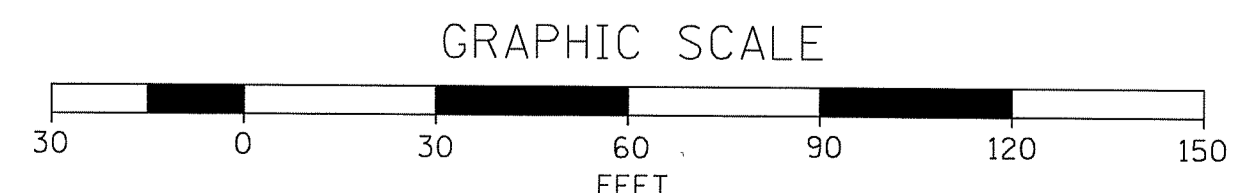
NOTE: EXISTING RIGHT OF WAY LINES BY SUBDIVISIONS OF RECORD

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PARCEL NO.	OWNER	PERMANENT INDEX NUMBER	TOTAL HOLDING	AREA TAKING	PREVIOUSLY DEDICATED	REMAINDER	EASEMENTS		EASEMENT PURPOSE	PROPERTY ACQUIRED BY
							TEMP	PERM		
OGT0134TE	SIMAR GAS & FOOD MART, INC., AN ILLINOIS CORPORATION	28-12-118-019 THRU 28-12-118-022	0.432 AC	—	—	0.432 AC	0.026 AC	—	CONSTRUCTION	
OGT0135TE	ANTHONY DEGUIDO	28-12-118-023 28-12-118-024 28-12-118-025	0.319 AC	—	—	0.319 AC	0.012 AC	—	CONSTRUCTION	
OGT0136TE	LIBERTY CAR WASH OF POSEN, INC.	28-12-119-019 THRU 021 28-12-119-026	0.376 AC	—	—	0.376 AC	0.031 AC	—	CONSTRUCTION	



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