

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
577	D-EXT-N	WILL	140	1
FED. ROAD DIST. NO.	ILLINOIS	CONTRACT NO. 62C09		

**PROPOSED
HIGHWAY PLANS**

FOR LIST OF INDEX & HIGHWAY STANDARDS, SEE SHEET NO. 2

F.A.P ROUTE 577 IL 171 (STATE ST.) AT IL 7 (9TH ST.)
SECTION D-EXT-N
PROJECT HSIP-0557(300)
INTERSECTION IMPROVEMENT

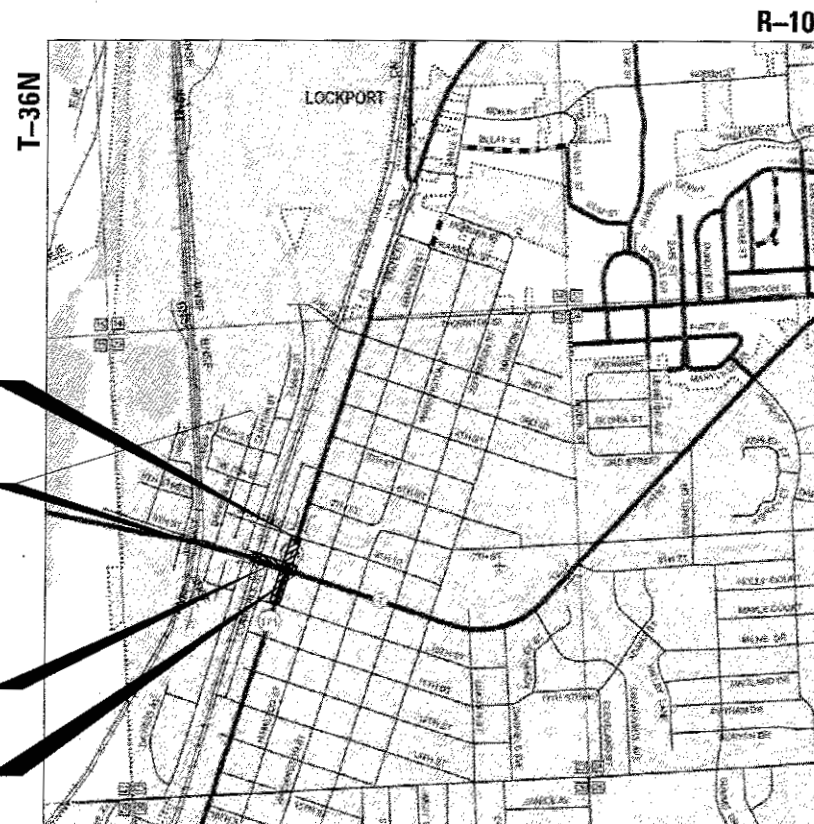
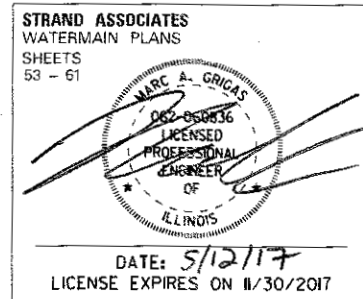
WILL COUNTY
C - 91 - 261 - 16



THE IMPROVEMENT IS LOCATED IN THE CITY OF LOCKPORT

DESIGN DESIGNATION:

IL 171
ADT (2015) = 14,400
POSTED SPEED LIMIT = 25 MPH
IL 7
ADT (2015) = 23,900
POSTED SPEED LIMIT = 30 MPH

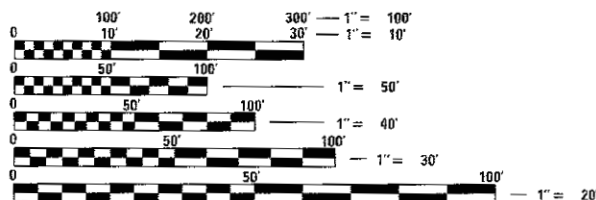


END IMPROVEMENT
STA 132 + 50

BEGIN IMPROVEMENT
STA 28 + 60

BEGIN IMPROVEMENT
STA 123 + 47

END IMPROVEMENT
STA 32 + 81.24



FULL SIZE PLANS HAVE BEEN PREPARED USING STANDARD ENGINEERING SCALES. REDUCED SIZED PLANS WILL NOT CONFORM TO STANDARD SCALES. IN MAKING MEASUREMENTS ON REDUCED PLANS, THE ABOVE SCALES MAY BE USED.

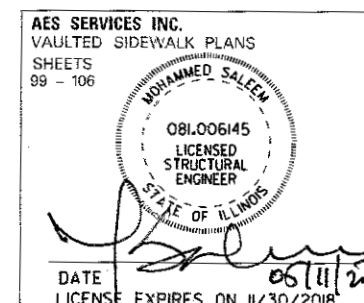
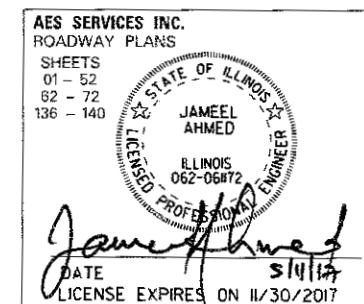
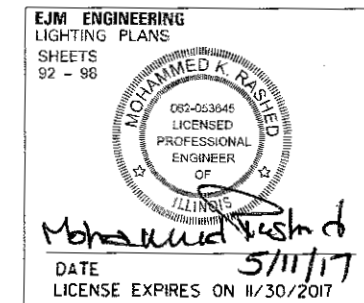
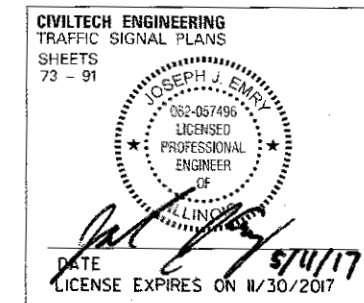
J.U.L.I.E.
JOINT UTILITY LOCATION INFORMATION FOR EXCAVATION
1-800-892-0123
OR 811

PROJECT MANAGER: ISSAM RAYYAN, P.E. (847) 705-4178
PROJECT ENGINEER: RAGHAD ADEIS-DAHMAN, P.E. (847) 705-5183

CONTRACT NO. 62C09

LOCATION MAP

NOT TO SCALE
GROSS LENGTH = 1174 FT. = 0.22 MI.
NET LENGTH = 903 FT. = 0.17 MI.



AES AES Services, Inc.
11 S. Wacker Drive, Suite 3910
Chicago, IL 60606
Ph: 312-235-6783
ILLINOIS PROFESSIONAL DESIGN FIRM
LICENSE NO. 184-003052

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUBMITTED May 12, 2017
[Signature] REGIONAL ENGINEER

June 30, 2017
Muhammad M. Adis P.E.
ENGINEER OF DESIGN AND ENVIRONMENT

June 30, 2017
[Signature] 2
DIRECTOR OF PROGRAM DEVELOPMENT

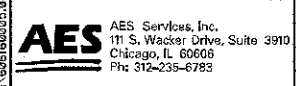
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OF THE STATE OF ILLINOIS

URBAN

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE							
				ROADWAY		TRAFFIC SIGNAL			WATERMAIN	LIGHTING	
				0004 ✓ (1)	PARKING CITY OF LOCKPORT ✓ 100% (1)	0021 ✓ (2)	DECORATIVE CITY OF LOCKPORT ✓ 100% (2)	INTERCONNECT. FED 90% STATE 10% (2)	EVP CITY OF LOCKPORT 100% (4)	0043 ✓ (3)	0021 ✓ (4)
✓ FED 90% STATE 10% (1)		✓ FED 90% STATE 10% (2)				CITY OF LOCKPORT 100% (3)	CITY OF LOCKPORT 100% (4)				
20101100	TREE TRUNK PROTECTION	EACH	3	3							
20101200	TREE ROOT PRUNING	EACH	3	3							
20200100	EARTH EXCAVATION	CU YD	41	41							
20201200	REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL	CU YD	10		10						
20700220	POROUS GRANULAR EMBANKMENT	CU YD	960	960							
20800150	TRENCH BACKFILL	CU YD	2315	73					2242		
21001000	GEOTECHNICAL FABRIC FOR GROUND STABILIZATION	SQ YD	101		101						
21101625	TOPSOIL FURNISH AND PLACE, 6"	SQ YD	271	271							
25000400	NITROGEN FERTILIZER NUTRIENT	POUND	4	4							
25000500	PHOSPHORUS FERTILIZER NUTRIENT	POUND	4	4							
25000600	POTASSIUM FERTILIZER NUTRIENT	POUND	4	4							
25200110	SODDING, SALT TOLERANT	SQ YD	271	271							
25200200	SUPPLEMENTAL WATERING	UNIT	1	1							
28000510	INLET FILTERS	EACH	49	34					15		

• SPECIALITY ITEMS

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USER NAME = zshahmed	DESIGNED - AWM	REVISED -
PLOT SCALE = 2.0000' / 1" =	DRAWN - TOM	REVISED -
PLOT DATE = 5/11/2017	CHECKED - JA	REVISED -
	DATE - 3/20/2017	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

IL 171 (STATE ST.) & IL 7 (9TH ST.) IMPROVEMENTS
SUMMARY OF QUANTITIES - 1 OF 16

SCALE SHEET OF SHEETS STA. TO STA.

F.A.P. RTE. 577	SECTION D-EXT-N	COUNTY WILL	TOTAL SHEETS 140	SHEET NO. 4
ILLINOIS FED. AID PROJECT			CONTRACT NO. 62C09	

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE							
				ROADWAY		TRAFFIC SIGNAL				WATERMAIN	LIGHTING
				0004		0021				0043	0021
FED 90% STATE 10%	PARKING CITY OF LOCKPORT 100%	FED 90% STATE 10%	DECORATIVE CITY OF LOCKPORT 100%	INTERCONNECT FED 90% STATE 10%	EVP CITY OF LOCKPORT 100%	CITY OF LOCKPORT 100%	CITY OF LOCKPORT 100%				
30300001	AGGREGATE SUBGRADE IMPROVEMNT	CU YD	37		37						
30300112	AGGREGATE SUBGRADE IMPROVEMNT 12"	SQ YD	1011		1011						
31101100	SUBBASE GRANULAR MATERIAL, TYPE B	CU YD	230	230							
31101180	SUBBASE GRANULAR MATERIAL, TYPE B 2"	SQ YD	1185						1185		
35501317	HOT-MIX ASPHALT BASE COURSE, 8 1/4"	SQ YD	668		668						
40600290	BITUMINOUS MATERIALS (TACK COAT)	POUND	4855	4855							
40600400	MIXTURE FOR CRACKS, JOINTS AND FLANGEWAYS	TON	10	10							
* 40600827	POLYMERIZED LEVELING BINDER (MACHINE METHOD), IL-4.75, N50	TON	293	293							
* 40600982	HOT-MIX ASPHALT SURFACE REMOVAL-BUTT JOINT	SQ YD	175	175							
* 40603340	HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70	TON	467	166	76				225		
* 40603565	POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, MIX "E", N70	TON	682	682							
42001300	PROTECTIVE COAT	SQ YD	111	111							
42300400	PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT, 8 INCH	SQ YD	164	164							
42400200	PORTLAND CEMENT CONCRETE SIDEWALK 5 INCH	SQ FT	21868	7601					14267		

* SPECIALITY ITEMS

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	DATE - 3/20/2017	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

IL 171 (STATE ST.) & IL 7 (9TH ST.) IMPROVEMENTS
SUMMARY OF QUANTITIES - 2 OF 16

SCALE SHEET OF SHEETS STA. TO STA.

F.A.P. RTE. 577	SECTION D-EXT-N	COUNTY WILL	TOTAL SHEETS 140	SHEET NO. 5
CONTRACT NO. 62C09				ILLINOIS FED. AID PROJECT

Rev

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE							WATERMAIN 0043 CITY OF LOCKPORT 100%	LIGHTING 0021 CITY OF LOCKPORT 100%
				ROADWAY 0004		TRAFFIC SIGNAL 0021						
				FED 90% STATE 10%	PARKING CITY OF LOCKPORT 100%	FED 90% STATE 10%	DECORATIVE CITY OF LOCKPORT 100%	INTERCONNECT FED 90% STATE 10%	EVP CITY OF LOCKPORT 100%			
42400410	PORTLAND CEMENT CONCRETE SIDEWALK 8 INCH	SQ FT	1867	1513							354	
42400800	DETECTABLE WARNINGS	SQ FT	290	280							10	
44000100	PAVEMENT REMOVAL	SQ YD	831		831							
44000155	HOT-MIX ASPHALT SURFACE REMOVAL, 1 1/2"	SQ YD	297								297	
44000159	HOT-MIX ASPHALT SURFACE REMOVAL, 2 1/2"	SQ YD	6921	6921								
44000200	DRIVEWAY PAVEMENT REMOVAL	SQ YD	219	219								
44000500	COMBINATION CURB AND GUTTER REMOVAL	FOOT	2183	1756							427	
44000600	SIDEWALK REMOVAL	SQ FT	32967	18346							14621	
44201749	CLASS D PATCHES, TYPE I, 9 INCH	SQ YD	12								12	
44201753	CLASS D PATCHES, TYPE II, 9 INCH	SQ YD	31								31	
44201757	CLASS D PATCHES, TYPE III, 9 INCH	SQ YD	16								16	
44201759	CLASS D PATCHES, TYPE IV, 9 INCH	SQ YD	471								471	
44201823	CLASS D PATCHES, TYPE I, 15 INCH	SQ YD	8	8								
44201827	CLASS D PATCHES, TYPE II, 15 INCH	SQ YD	14	14								

* SPECIALITY ITEMS

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PLOT DATE = 5/11/2017	CHECKED - JA	REVISED -
	DATE - 3/20/2017	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

IL 171 (STATE ST.) & IL 7 (9TH ST.) IMPROVEMENTS
SUMMARY OF QUANTITIES - 3 OF 16

SCALE SHEET OF SHEETS STA. TO STA.

F.A.P RTE. 577	SECTION D-EXT-N	COUNTY WILL	TOTAL SHEETS 140	SHEET NO. 6
CONTRACT NO. 62C09				ILLINOIS FED. AID PROJECT

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE								
				ROADWAY		TRAFFIC SIGNAL		TRAFFIC SIGNAL	WATERMAIN	LIGHTING		
				0004		0021		0021	0043	0021		
				FED 90% STATE 10%	PARKING CITY OF LOCKPORT 100%	FED 90% STATE 10%	DECORATIVE CITY OF LOCKPORT 100%	INTERCONNECT FED 90% STATE 10%	EVP CITY OF LOCKPORT 100%	CITY OF LOCKPORT 100%	CITY OF LOCKPORT 100%	
44201831	CLASS D PATCHES, TYPE III, 15 INCH	SO YD	22	22								
44201833	CLASS D PATCHES, TYPE IV, 15 INCH	SO YD	34								34	
44201835	CLASS D PATCHES, TYPE I, 16 INCH	SO YD	16	10							6	
44201839	CLASS D PATCHES, TYPE II, 16 INCH	SO YD	24	11							13	
44201843	CLASS D PATCHES, TYPE III, 16 INCH	SO YD	23								23	
44201845	CLASS D PATCHES, TYPE IV, 16 INCH	SO YD	63								63	
50200100	STRUCTURE EXCAVATION	CU YD	155	155								
50300225	CONCRETE STRUCTURES	CU YD	383	383								
50800205	REINFORCEMENT BARS, EPOXY COATED	POUND	2040	2040								
550A0050	STORM SEWERS, CLASS A, TYPE 1 12"	FOOT	152	152								
550A0340	STORM SEWERS, CLASS A, TYPE 2 12"	FOOT	122	122								

* SPECIALITY ITEMS

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AES Services, Inc. 111 S. Wacker Drive, Suite 3910 Chicago, IL 60606 Ph: 312-235-6783	USER NAME = saohanned	DESIGNED - AWM	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	IL 171 (STATE ST.) & IL 7 (9TH ST.) IMPROVEMENTS SUMMARY OF QUANTITIES - 4 OF 16	F.A.P. RTE. 577	SECTION D-EXT-N	COUNTY WILL	TOTAL SHEETS 140	SHEET NO. 7
	PLOT SCALE = 2.0000' / 1"	CHECKED - JA	REVISED -			CONTRACT NO. 62C09				
	PLOT DATE = 5/11/2017	DATE - 3/20/2017	REVISED -			ILLINOIS FED. AID PROJECT				
						SCALE	SHEET	OF	SHEETS	STA.

REV

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE							WATERMAIN 0043 CITY OF LOCKPORT 100%	LIGHTING 0021 CITY OF LOCKPORT 100%
				ROADWAY 0004		TRAFFIC SIGNAL 0021						
				FED 90% STATE 10%	PARKING CITY OF LOCKPORT 100%	FED 90% STATE 10%	DECORATIVE CITY OF LOCKPORT 100%	INTERCONNECT FED 90% STATE 10%	EVP CITY OF LOCKPORT 100%			
55100300	STORM SEWER REMOVAL 8"	FOOT	145	22							123	
55100400	STORM SEWER REMOVAL 10"	FOOT	19								19	
55100500	STORM SEWER REMOVAL 12"	FOOT	202	156							46	
56103800	DUCTILE IRON WATER MAIN, MECHANICAL JOINT 6"	FOOT	143								143	
56103900	DUCTILE IRON WATER MAIN, MECHANICAL JOINT 8"	FOOT	1250								1250	
56104000	DUCTILE IRON WATER MAIN, MECHANICAL JOINT 10"	FOOT	20								20	
56104100	DUCTILE IRON WATER MAIN, MECHANICAL JOINT 12"	FOOT	1221								1221	
56200200	WATER SERVICE LINE 3/4"	FOOT	7								7	
56200300	WATER SERVICE LINE 1"	FOOT	175								175	
56200500	WATER SERVICE LINE 1 1/2"	FOOT	474								474	
56200700	WATER SERVICE LINE 2"	FOOT	88								88	
56400500	FIRE HYDRANTS TO BE REMOVED	EACH	3								3	
56400820	FIRE HYDRANT WITH AUXILIARY VALVE AND VALVE BOX	EACH	3								3	
58600100	SAND BACKFILL	CU YD	60	60								

• SPECIALITY ITEMS

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PLOT DATE = 5/11/2017	CHECKED - JA	REVISED -
	DATE - 3/20/2017	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

IL 171 (STATE ST.) & IL 7 (9TH ST.) IMPROVEMENTS
SUMMARY OF QUANTITIES - 5 OF 16

SCALE SHEET OF SHEETS STA. TO STA.

F.A.P. RTE. 577	SECTION D-EXT-N	COUNTY WILL	TOTAL SHEETS 140	SHEET NO. 8
CONTRACT NO. 62C09				ILLINOIS FED. AID PROJECT

REV

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE							WATERMAIN 0043 CITY OF LOCKPORT 100%	LIGHTING 0021 CITY OF LOCKPORT 100%		
				ROADWAY 0004		TRAFFIC SIGNAL 0021			FED 90% STATE 10%	DECORATIVE CITY OF LOCKPORT 100%			INTERCONNECT FED 90% STATE 10%	EVP CITY OF LOCKPORT 100%
				FED 90% STATE 10%	PARKING CITY OF LOCKPORT 100%	FED 90% STATE 10%	DECORATIVE CITY OF LOCKPORT 100%	INTERCONNECT FED 90% STATE 10%						
60108204	PIPE UNDERDRAINS, TYPE 2, 4"	FOOT	1046	1046										
60108100	PIPE UNDERDRAINS, TYPE 2, 4" (SPECIAL)	FOOT	260	260										
60200310	CATCH BASINS, TYPE A, 4'-DIAMETER, TYPE 3V FRAME AND GRATE	EACH	1	1										
60201330	CATCH BASINS, TYPE A, 4'-DIAMETER, TYPE 23 FRAME AND GRATE	EACH	9	9										
60218400	MANHOLES, TYPE A, 4'-DIAMETER, TYPE 1 FRAME, CLOSED LID	EACH	1	1										
60237460	INLETS, TYPE A, TYPE 23 FRAME AND GRATE	EACH	9	9										
60250400	CATCH BASINS TO BE ADJUSTED WITH NEW TYPE 1 FRAME. OPEN LID	EACH	1	1										
60255500	MANHOLES TO BE ADJUSTED	EACH	8	8										
60260100	INLETS TO BE ADJUSTED	EACH	1	1										
60265700	VALVE VAULTS TO BE ADJUSTED	EACH	4	4										
60404305	FRAMES AND GRATES, TYPE 3V	EACH	1	1										
60404940	FRAMES AND GRATES, TYPE 23	EACH	18	18										
60406100	FRAMES AND LIDS, TYPE 1, CLOSED LID	EACH	1	1										
60500050	REMOVING CATCH BASINS	EACH	6	6										
60500205	FILLING CATCH BASINS	EACH	7	7										
60600605	CONCRETE CURB, TYPE B	FOOT	1448	1448										

* SPECIALITY ITEMS

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USER NAME = mohammed	DESIGNED - AWM	REVISED -
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PLOT DATE = 5/11/2017	CHECKED - JA	REVISED -
	DATE - 3/20/2017	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

IL 171 (STATE ST.) & IL 7 (9TH ST.) IMPROVEMENTS
SUMMARY OF QUANTITIES - 6 OF 16

SCALE SHEET OF SHEETS STA. TO STA.

F.A.P. RTE. 577	SECTION D-EXT-N	COUNTY WILL	TOTAL SHEETS 140	SHEET NO. 9
CONTRACT NO. 62C09				ILLINOIS FED. AID PROJECT

rev

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE							WATERMAIN 0043 CITY OF LOCKPORT 100%	LIGHTING 0021 CITY OF LOCKPORT 100%
				ROADWAY 0004		TRAFFIC SIGNAL 0021						
				FED 90% STATE 10%	PARKING CITY OF LOCKPORT 100%	FED 90% STATE 10%	DECORATIVE CITY OF LOCKPORT 100%	INTERCONNECT FED 90% STATE 10%	EVP CITY OF LOCKPORT 100%			
60603800	COMBINATION CONCRETE CRUB AND GUTTER, TYPE B-6.12	FOOT	2001	1574							427	
60604400	COMBINATION CONCRETE CRUB AND GUTTER, TYPE B-6.18	FOOT	149	149								
60605000	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.24	FOOT	39	39								
66900200	NON-SPECIAL WASTE DISPOSAL	CU YD	2	2								
66900450	SPECIAL WASTE PLANS AND REPORTS	LSUM	1	1								
* 67000400	ENGINEER'S FIELD OFFICE, TYPE A	CAL MO	6	6								
* 67100100	MOBILIZATION	LSUM	1	1								
70102620	TRAFFIC CONTROL AND PROTECTION, STANDARD 701501	LSUM	1	1								
* 70102622	TRAFFIC CONTROL AND PROTECTION, STANDARD 701502	LSUM	1	1								
* 70102625	TRAFFIC CONTROL AND PROTECTION, STANDARD 701606	LSUM	1	1								
70102632	TRAFFIC CONTROL AND PROTECTION, STANDARD 701602	LSUM	1	1								
70102634	TRAFFIC CONTROL AND PROTECTION, STANDARD 701611	LSUM	1	1								
70102635	TRAFFIC CONTROL AND PROTECTION, STANDARD 701701	LSUM	1	1								
70102640	TRAFFIC CONTROL AND PROTECTION, STANDARD 701801	LSUM	1	1								

* SPECIALITY ITEMS

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14

CONSTRUCTION CODE

CODE NO.	ITEM	UNIT SQ FT	TOTAL QUANTITY	CONSTRUCTION CODE							WATERMAIN 0043 CITY OF LOCKPORT 100%	LIGHTING 0021 CITY OF LOCKPORT 100%
				ROADWAY 0004		TRAFFIC SIGNAL 0021						
				FED 90% STATE 10%	PARKING CITY OF LOCKPORT 100%	FED 90% STATE 10%	DECORATIVE CITY OF LOCKPORT 100%	INTERCONNECT FED 90% STATE 10%	EVP CITY OF LOCKPORT 100%			
70300100	SHORT TERM PAVEMENT MARKING	FOOT	19365	19365								
70300150	SHORT TERM PAVEMENT MARKING REMOVAL	SQ FT	9757	9757								
70300210	TEMPORARY PAVEMENT MARKING LETTERS AND SYMBOLS	SQ FT	364	364								
70300220	TEMPORARY PAVEMENT MARKING- LINE 4"	FOOT	2038	2038								
70300240	TEMPORARY PAVEMENT MARKING- LINE 6"	FOOT	2226	2226								
70300260	TEMPORARY PAVEMENT MARKING- LINE 12"	FOOT	163	163								
70300280	TEMPORARY PAVEMENT MARKING- LINE 24"	FOOT	310	310								
70300520	PAVEMENT MARKING TAPE, TYPE III 4"	FOOT	2038	2038								
70300540	PAVEMENT MARKING TAPE, TYPE III 6"	FOOT	2226	2226								
72000100	SIGN PANEL- TYPE 1	SQ FT	121	121								
72000200	SIGN PANEL- TYPE 2	SQ FT	45		45							
72400310	REMOVE SIGN PANEL - TYPE 1	SQ FT	121	121								
72400720	RELOCATE SIGN PANEL-TYPE 2	SQ FT	20	20								
72800100	TELESCOPING STEEL SIGN SUPPORT	FOOT	159	159								

* SPECIALITY ITEMS

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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

IL 171 (STATE ST.) & IL 7 (9TH ST.) IMPROVEMENTS
SUMMARY OF QUANTITIES - 8 OF 16

SCALE SHEET OF SHEETS STA. TO STA.

F.A.P. RTE. 577	SECTION D-EXT-N	COUNTY WILL	TOTAL SHEETS 140	SHEET NO. 11
CONTRACT NO. 62C09			ILLINOIS FED. AID PROJECT	

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE						
				ROADWAY		TRAFFIC SIGNAL		TRAFFIC SIGNAL	WATERMAIN	LIGHTING
				0004		0021		0021	0043	0021
			FED 90% STATE 10%	PARKING CITY OF LOCKPORT 100%	FED 90% STATE 10%	DECORATIVE CITY OF LOCKPORT 100%	INTERCONNECT FED 90% STATE 10%	EVP CITY OF LOCKPORT 100%	CITY OF LOCKPORT 100%	CITY OF LOCKPORT 100%
* 78000100	THERMOPLASTIC PAVEMENT MARKING- LETTERS AND SYMBOLS	SO FT	364	364						
* 78000200	THERMOPLASTIC PAVEMENT MARKING- LINE 4"	FOOT	2370	2038					332	
* 78000400	THERMOPLASTIC PAVEMENT MARKING- LINE 6"	FOOT	2313	2226					87	
* 78000500	THERMOPLASTIC PAVEMENT MARKING - LINE 8"	FOOT	40	40						
* 78000600	THERMOPLASTIC PAVEMENT MARKING- LINE 12"	FOOT	195	163					32	
* 78000650	THERMOPLASTIC PAVEMENT MARKING- LINE 24"	FOOT	331	310					21	
* 78100100	RAISED REFLECTIVE PAVEMENT MARKER	EACH	89	89						
78300200	RAISED REFLECTIVE PAVEMENT MARKER REMOVAL	EACH	57	57						
* 80500020	SERVICE INSTALLATION-POLE MOUNTED	EACH	1		1					
* 81028200	UNDERGROUND CONDUIT, GALVANIZED STEEL, 2" DIA.	FOOT	1373		1313		60			
* 81028210	UNDERGROUND CONDUIT, GALVANIZED STEEL, 2 1/2" DIA.	FOOT	125							125
* 81028220	UNDERGROUND CONDUIT, GALVANIZED STEEL, 3" DIA.	FOOT	128		128					
* 81028240	UNDERGROUND CONDUIT, GALVANIZED STEEL, 4" DIA.	FOOT	343		343					
* 81400100	HANDHOLE	EACH	7		7					
* 81400200	HEAVY-DUTY HANDHOLE	EACH	4		4					

* SPECIALITY ITEMS

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AES Services, Inc.
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USER NAME = tnohamed	DESIGNED - AWM	REVISED -
	DRAWN - TOM	REVISED -
PLOT SCALE = 2.0000' / in.	CHECKED - JA	REVISED -
PLOT DATE = 5/11/2017	DATE - 3/20/2017	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

IL 171 (STATE ST.) & IL 7 (9TH ST.) IMPROVEMENTS
SUMMARY OF QUANTITIES - 9 OF 16

SCALE SHEET OF SHEETS STA. TO STA.

F.A.P. RTE. 577	SECTION D-EXT-N	COUNTY WILL	TOTAL SHEETS 140	SHEET NO. 12
				CONTRACT NO. 62C09
ILLINOIS FED. AID PROJECT				

REV

CONSTRUCTION CODE

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE								
				ROADWAY		TRAFFIC SIGNAL				WATERMAIN	LIGHTING	
				0004		0021				0043	0021	
				FED 90% STATE 10%	PARKING CITY OF LOCKPORT 100%	FED 90% STATE 10%	DECORATIVE CITY OF LOCKPORT 100%	INTERCONNECT FED 90% STATE 10%	EVP CITY OF LOCKPORT 100%	CITY OF LOCKPORT 100%	CITY OF LOCKPORT 100%	
* 81400300	DOUBLE HANDHOLE	EACH	2			2						
* 81603032	UNIT DUCT, 600V, 2-1C NO. 4, 1/C NO. 6 GROUND, (XLP-TYPE USE), 1 1/4" DIA. POLYETHYLENE	FOOT	38									38
* 81603090	UNIT DUCT, 600V, 3-1C NO. 4, 1/C NO. 6 GROUND, (XLP-TYPE USE), 1 1/4" DIA. POLYETHYLENE	FOOT	2470									2470
* 81702110	ELECTRIC CABLE IN CONDUIT, 600V (XLP-TYPE USE) 1/C NO. 10	FOOT	1078			1078						
* 81702130	ELECTRIC CABLE IN CONDUIT, 600V (XLP-TYPE USE) 1/C NO. 6	FOOT	260									260
* 81702410	ELECTRIC CABLE IN CONDUIT, 600V (XLP-TYPE USE) 3-1/C NO. 4	FOOT	260									260
* 82102250	LUMINAIRE, SODIUM VAPOR, HORIZONTAL MOUNT, 250 WATT	EACH	4									4
* 83600200	LIGHT POLE FOUNDATION, 24" DIAMETER	FOOT	105									105
* 84200804	REMOVAL OF POLE FOUNDATION	EACH	14									14
* 85000200	MAINTENANCE OF EXISTING TRAFFIC SIGNAL INSTALLATION	EACH	2			1		1				
85100500	PAINT NEW TRAFFIC SIGNAL POST	EACH	4				4					
85100800	PAINT NEW COMBINATION MAST ARM AND POLE, UNDER 40 FOOT	EACH	4				4					
* 86400100	TRANSCEIVER- FIBER OPTIC	EACH	1			1						
* 87300925	ELECTRIC CABLE IN CONDUIT, TRACER, NO. 14 1C	FOOT	1053					1053				

* SPECIALITY ITEMS

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PLOT DATE = 5/11/2017	CHECKED - JA	REVISED -
	DATE - 3/20/2017	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

IL 171 (STATE ST.) & IL 7 (9TH ST.) IMPROVEMENTS
SUMMARY OF QUANTITIES - 10 OF 16

SCALE SHEET OF SHEETS STA. TO STA.

F.A.P. RTE. 577	SECTION D-EXT-N	COUNTY WILL	TOTAL SHEETS 140	SHEET NO. 13
CONTRACT NO. 62C09			ILLINOIS FED. AID PROJECT	

REV

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE								
				ROADWAY		TRAFFIC SIGNAL			WATERMAIN	LIGHTING		
				0004		0021			0043	0021		
				FED 90% STATE 10%	PARKING CITY OF LOCKPORT 100%	FED 90% STATE 10%	DECORATIVE CITY OF LOCKPORT 100%	INTERCONNECT FED 90% STATE 10%	EVP CITY OF LOCKPORT 100%	CITY OF LOCKPORT 100%	CITY OF LOCKPORT 100%	
* 87301215	ELECTRIC CABLE IN CONDUIT, SIGNAL, NO.14 2C	FOOT	1120			1120						
* 87301225	ELECTRIC CABLE IN CONDUIT, SIGNAL, NO.14 3C	FOOT	1441			1441						
* 87301245	ELECTRIC CABLE IN CONDUIT, SIGNAL, NO.14 5C	FOOT	953			953						
* 87301255	ELECTRIC CABLE IN CONDUIT, SIGNAL, NO.14 7C	FOOT	1574			1574						
• 87301305	ELECTRIC CABLE IN CONDUIT, LEAD-IN, NO.14 1 PAIR	FOOT	3272			3272						
• 87301750	ELECTRIC CABLE IN CONDUIT, RAILROAD, NO.14 3C	FOOT	250			250						
* 87301805	ELECTRIC CABLE IN CONDUIT, SERVICE, NO.6 2C	FOOT	239			239						
• 87301900	ELECTRIC CABLE IN CONDUIT, EQUIPMENT GROUNDING CONDUCTOR, NO.6 1C	FOOT	828			828						
• 87502500	TRAFFIC SIGNAL POST, GALVANIZED STEEL 16 FT.	EACH	4			4						
* 87800100	CONCRETE FOUNDATION, TYPE A	FOOT	16			16						
* 87800150	CONCRETE FOUNDATION, TYPE C	FOOT	4			4						
* 87800415	CONCRETE FOUNDATION, TYPE E 36-INCH DIAMETER	FOOT	51			51						
* 87900200	DRILL EXISTING HANDHOLE	EACH	8			5		1				2
* 88030020	SIGNAL HEAD, LED, 1-FACE, 3-SECTION, MAST-ARM MOUNTED	EACH	5			5						

* SPECIALITY ITEMS

P:\0660605_04-PTB177-001_004-IL 7 & IL 171 Improvements\01C\04D\065Sheet14_62C09-INT-001.dwg

AES AES Services, Inc. 111 S. Wacker Drive, Suite 3910 Chicago, IL 60605 Ph: 312-235-5783	USER NAME = umohammed	DESIGNED - AWM	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	IL 171 (STATE ST.) & IL 7 (9TH ST.) IMPROVEMENTS SUMMARY OF QUANTITIES -- 11 OF 16	F.A.P. RTE. 577	SECTION D-EXT-N	COUNTY WILL	TOTAL SHEETS 140	SHEET NO. 14
	PLOT SCALE = 2.0000" = 1'-0"	CHECKED - JA	REVISED -			CONTRACT NO. 62C09				
	PLOT DATE = 5/11/2017	DATE - 3/20/2017	REVISED -			ILLINOIS FED. AID PROJECT				

REV

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE							WATERMAIN 0043 CITY OF LOCKPORT 100%	LIGHTING 0021 CITY OF LOCKPORT 100%
				ROADWAY 0004		TRAFFIC SIGNAL 0021						
				FED 90% STATE 10%	PARKING CITY OF LOCKPORT 100%	FED 90% STATE 10%	DECORATIVE CITY OF LOCKPORT 100%	INTERCONNECT FED 90% STATE 10%	EVP CITY OF LOCKPORT 100%			
88030100	SIGNAL HEAD, LED, 1-FACE, 5-SECTION, BRACKET MOUNTED	EACH	5			5						
88030110	SIGNAL HEAD, LED, 1-FACE, 5-SECTION, MAST-ARM MOUNTED	EACH	5			5						
88102710	PEDESTRIAN SIGNAL HEAD, LED, 1-FACE, BRACKET MOUNTED	EACH	8			8						
88200410	TRAFFIC SIGNAL BACKPLATE, LOUVERED, FORMED PLASTIC	EACH	10			10						
* 88500100	INDUCTIVE LOOP DETECTOR	EACH	13			13						
* 88600100	DETECTOR LOOP, TYPE I	FOOT	1243			1243						
88700200	LIGHT DETECTOR	EACH	2						2			
* 88700300	LIGHT DETECTOR AMPLIFIER	EACH	1						1			
* 88800100	PEDESTRIAN PUSH-BUTTON	EACH	8			8						
89000100	TEMPORARY TRAFFIC SIGNAL INSTALLATION	EACH	1			1						
89502300	REMOVE ELECTRIC CABLE FROM CONDUIT	FOOT	15108			498		450			14160	
89502375	REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT	EACH	1			1						
89502376	REBUILD EXISTING HANDHOLE	EACH	6			6						
89502380	REMOVE EXISTING HANDHOLE	EACH	9			9						

* SPECIALITY ITEMS

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	DATE - 3/20/2017	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

IL 171 (STATE ST.) & IL 7 (9TH ST.) IMPROVEMENTS
SUMMARY OF QUANTITIES - 12 OF 16

SCALE SHEET OF SHEETS STA. TO STA.

F.A.P RTE. 577	SECTION D-EXT-N	COUNTY WILL	TOTAL SHEETS 140	SHEET NO. 15
CONTRACT NO. 62C09			ILLINOIS FED. AID PROJECT	

Rev

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE							WATERMAIN 0043 CITY OF LOCKPORT 100%	LIGHTING 0021 CITY OF LOCKPORT 100%
				ROADWAY 0004		TRAFFIC SIGNAL 0021						
				FED 90% STATE 10%	PARKING CITY OF LOCKPORT 100%	FED 90% STATE 10%	DECORATIVE CITY OF LOCKPORT 100%	INTERCONNECT FED 90% STATE 10%	EVP CITY OF LOCKPORT 100%	CITY OF LOCKPORT 100%		
89502382	REMOVE EXISTING DOUBLE HANDHOLE	EACH	1			1						
89502385	REMOVE EXISTING CONCRETE FOUNDATION	EACH	5			5						
Z0013798	CONSTRUCTION LAYOUT	LSUM	1	1								
Z0018500	DRAINAGE STRUCTURES TO BE CLEANED	EACH	15	15								
Z0033020	LUMINAIRE SAFETY CABLE ASSEMBLY	EACH	4			4						
Z0030850	TEMPORARY INFORMATION SIGNING	SQ FT	356	356								
Z0033028	MAINTENANCE OF LIGHTING SYSTEM	CAL MO	1								1	
Z0033046	RE-OPTIMIZE TRAFFIC SIGNAL SYSTEM LEVEL 2	EACH	1					1				
Z0043900	PREFORMED JOINT FILLER	FOOT	465	465								
Z0048665	RAILROAD PROTECTIVE LIABILITY INSURANCE	LSUM	1	1								
Z0055905	TEMPORARY CONSTRUCTION FENCE	FOOT	660	660								
Z0056644	STORM SEWERS, TYPE 1, WATER MAIN QUALITY PIPE, 8"	FOOT	171	48						123		
Z0056646	STORM SEWERS, TYPE 1, WATER MAIN QUALITY PIPE, 10"	FOOT	19							19		
Z0056648	STORM SEWERS, TYPE 1, WATER MAIN QUALITY PIPE, 12"	FOOT	201	155						46		
Z0067700	STEEL CASINGS 20"	FOOT	46							46		

NON-PARTICIPATING
* SPECIALITY ITEMS

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PLOT SCALE = 2.0000' / 1"	DATE - 3/20/2017	REVISED -
PLOT DATE = 5/11/2017		

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

IL 171 (STATE ST.) & IL 7 (9TH ST.) IMPROVEMENTS
SUMMARY OF QUANTITIES - 13 OF 16

SCALE SHEET OF SHEETS STA. TO STA.

F.A.P. RTE. 577	SECTION D-EXT-N	COUNTY WILL	TOTAL SHEETS 140	SHEET NO. 16
CONTRACT NO. 62C09				
ILLINOIS FED. AID PROJECT				

Rev

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE							WATERMAIN 0043 CITY OF LOCKPORT 100%	LIGHTING 0021 CITY OF LOCKPORT 100%
				ROADWAY 0004		TRAFFIC SIGNAL 0021						
				FED 90% STATE 10%	PARKING CITY OF LOCKPORT 100%	FED 90% STATE 10%	DECORATIVE CITY OF LOCKPORT 100%	INTERCONNECT FED 90% STATE 10%	EVP CITY OF LOCKPORT 100%			
Z0067900	STEEL CASINGS 24"	FOOT	56								56	
Z0073510	TEMPORARY TRAFFIC SIGNAL TIMING	EACH	1			1						
Z0076600	TRAINEES	HOUR	1000	1000								
Z0073700	TEMPORARY WALL BRACING SYSTEM	LSUM	1								1	
Z0076604	TRAINEES - TRAINING PROGRAM GRADUATE	HOUR	1000	1000								
X0323706	TRASH RECEPTACLE RELOCATION	EACH	4		4							
X0324085	EMERGENCY VEHICLE PRIORITY SYSTEM LINE SENSOR CABLE, NO. 20 3/C	FOOT	265							265		
X0324599	ROD AND CLEAN EXISTING CONDUIT	FOOT	413			223		190				
X0327149	RELOCATE BENCH	EACH	5		5							
X0327301	RELOCATE EXISTING MAILBOX	EACH	3		3							
X0327357	CONSTRUCTION VIBRATION MONITORING	LSUM	1	1								
X0327694	GATE VALVE 8" WITH VAULT, 4' DIAMETER	EACH	7								7	
X0327727	PLANTER REMOVAL	L SUM	1	1								
X0327979	PAVEMENT MARKING REMOVAL - GRINDING	SO FT	2940	2940								
X1200015	VALVE VAULTS TO BE ABANDONED	EACH	6								6	
X1400168	RAILROAD, FULL-ACTUATED CONTROLLER AND TYPE SUPER P CABINET (SPECIAL)	EACH	1			1						

* SPECIALITY ITEMS **NON-PARTICIPATING**

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CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE							
				ROADWAY		TRAFFIC SIGNAL			WATERMAIN	LIGHTING	
				0004		0021			0043	0021	
FED 90% STATE 10%	PARKING CITY OF LOCKPORT 100%	FED 90% STATE 10%	DECORATIVE CITY OF LOCKPORT 100%	INTERCONNECT FED 90% STATE 10%	EVP CITY OF LOCKPORT 100%	CITY OF LOCKPORT 100%	CITY OF LOCKPORT 100%				
X2020205	ROCK EXCAVATION (SPECIAL)	CU YD	815							815	
X4022000	TEMPORARY ACCESS (COMMERCIAL ENTRANCE)	EACH	45	45							
X5021410	ROCK EXCAVATION FOR STRUCTURES (SPECIAL)	CU YD	16							16	
<input checked="" type="checkbox"/> X5537600	STORM SEWERS TO BE CLEANED 8"	FOOT	90	90							
<input checked="" type="checkbox"/> X5537700	STORM SEWERS TO BE CLEANED 10"	FOOT	10	10							
<input checked="" type="checkbox"/> X5537800	STORM SEWERS TO BE CLEANED 12"	FOOT	30	30							
<input checked="" type="checkbox"/> X5610651	ABANDON EXISTING WATER MAIN, FILL WITH CLSM	FOOT	1714							1714	
X5620025	WATER SERVICE CONNECTION 3/4"	EACH	1							1	
<input checked="" type="checkbox"/> X5620030	WATER SERVICE CONNECTION 1"	EACH	15							15	
<input checked="" type="checkbox"/> X5620035	WATER SERVICE CONNECTION 1 1/2"	EACH	34							34	
X5620040	WATER SERVICE CONNECTION 2"	EACH	7							7	
X5620096	WATER SERVICE LINE 1", (BORED)	EACH	1							1	
X5620101	WATER SERVICE LINE 2", (BORED)	EACH	2							2	
X5630706	CONNECTION TO EXISTING WATER MAIN 6"	EACH	2							2	

NON-PARTICULAR PATENT
 SPECIALITY ITEMS

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AES Services, Inc.
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USER NAME = mohammed	DESIGNED - AWM	REVISED -
PLOT SCALE = 2.0000' / 1"	DRAWN - TOM	REVISED -
PLOT DATE = 5/11/2017	CHECKED - JA	REVISED -
	DATE - 3/20/2017	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**IL 171 (STATE ST.) & IL 7 (9TH ST.) IMPROVEMENTS
 SUMMARY OF QUANTITIES - 15 OF 16**

SCALE SHEET OF SHEETS STA. TO STA.

F.A.P. RTE. 577	SECTION D-EXT-N	COUNTY WILL	TOTAL SHEETS 140	SHEET NO. 18
CONTRACT NO. 62C09			ILLINOIS FED. AID PROJECT	

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE							
				ROADWAY 0004		TRAFFIC SIGNAL 0021			WATERMAIN 0043	LIGHTING 0021	
				FED 90% STATE 10%	PARKING CITY OF LOCKPORT 100%	FED 90% STATE 10%	DECORATIVE CITY OF LOCKPORT 100%	INTERCONNECT FED 90% STATE 10%	EVP CITY OF LOCKPORT 100%	CITY OF LOCKPORT 100%	CITY OF LOCKPORT 100%
X5630708	CONNECTION TO EXISTING WATER MAIN 8"	EACH	4							4	
X5630710	CONNECTION TO EXISTING WATER MAIN 10"	EACH	2							2	
X5630712	CONNECTION TO EXISTING WATER MAIN 12"	EACH	2							2	
X6030310	FRAMES AND LIDS TO BE ADJUSTED (SPECIAL)	EACH	14	14							
X7010216	TRAFFIC CONTROL AND PROTECTION, (SPECIAL)	L SUM	1	1							
X7015005	CHANGEABLE MESSAGE SIGN	CAL DA	425	425							
X7030005	TEMPORARY PAVEMENT MARKING REMOVAL	SO FT	1792	1792							
X8250091	COMBINATION LIGHTING CONTROLLER	EACH	1			1					
X8300001	LIGHT POLE, SPECIAL	EACH	1								1
X8410102	TEMPORARY LIGHTING SYSTEM	LSUM	1								1
X8620200	UNINTERRUPTABLE POWER SUPPLY, SPECIAL	EACH	1			1					
X8710024	FIBER OPTIC CABLE IN CONDUIT, NO 62.5/125, MM12F SM24F	FOOT	1105					1105			
X8770125	STEEL COMBINATION MAST ARM ASSEMBLY AND POLE 28 FT. (SPECIAL)	EACH	1			0.5	0.5				
X8770126	STEEL COMBINATION MAST ARM ASSEMBLY AND POLE 30 FT. (SPECIAL)	EACH	1			0.5	0.5				

* SPECIALITY ITEMS

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AES Services, Inc. 111 S. Wacker Drive, Suite 3910 Chicago, IL 60606 Ph: 312-235-6783	USER NAME = usohammed	DESIGNED - AWM	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	IL 171 (STATE ST.) & IL 7 (9TH ST.) IMPROVEMENTS SUMMARY OF QUANTITIES - 16 OF 16	F.A.P. RITE. 577	SECTION D-EXT-N	COUNTY WILL	TOTAL SHEETS 140	SHEET NO. 19
	PLOT SCALE = 2.0000' / 1"	CHECKED - JA	REVISED -			CONTRACT NO. 62C09				
	PLOT DATE = 5/11/2017	DATE - 3/20/2017	REVISED -			ILLINOIS FED. AID PROJECT				
	SCALE		SHEET OF SHEETS			STA. TO STA.				

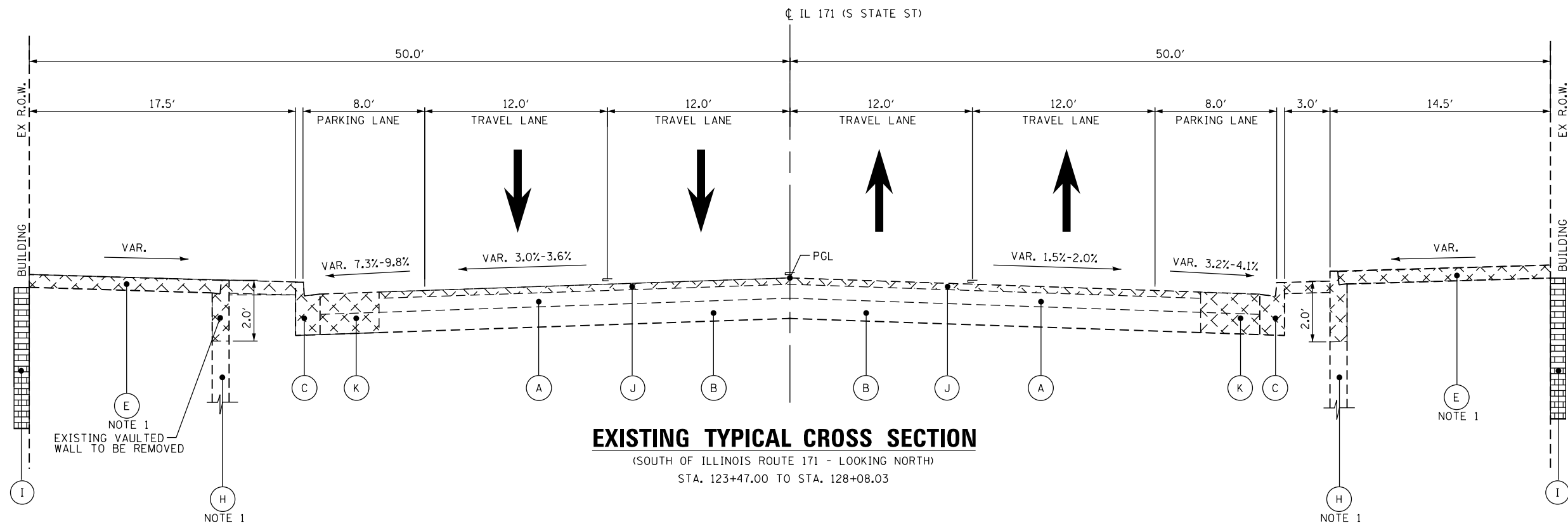
REV

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE							
				ROADWAY		TRAFFIC SIGNAL				WATERMAIN	LIGHTING
				0004		0021		0043	0021		
FED 90% STATE 10%	PARKING CITY OF LOCKPORT 100%	FED 90% STATE 10%	DECORATIVE CITY OF LOCKPORT 100%	INTERCONNECT FED 90% STATE 10%	EVP CITY OF LOCKPORT 100%	CITY OF LOCKPORT 100%	CITY OF LOCKPORT 100%				
X8770134	STEEL COMBINATION MAST ARM ASSEMBLY AND POLE 34 FT. (SPECIAL)	EACH	1			0.5	0.5				
X8770137	STEEL COMBINATION MAST ARM ASSEMBLY AND POLE 38 FT. (SPECIAL)	EACH	1			0.5	0.5				
X1700046	VAULTED SIDEWALK REMOVAL	SQ FT	4352	4298					54		
X1700048	DRILL WATER SERVICE THROUGH EXISTING VAULT WALL	EACH	30						30		
X1200136	WATER MAIN INSULATION	FOOT	140						140		
X1200130	GATE VALVE 12" WITH VAULT. 5' DIAMETER	EACH	4						4		
X1200137	GATE VALVE AND BOX 6"	EACH	4						4		
X1700047	DRILL WATER MAIN THROUGH EXISTING VAULT WALL	EACH	18						18		
X1200132	SANITARY SEWER REMOVAL AND REPLACEMENT 6"	FOOT	888						888		
X1200133	WATER SERVICE LINE 1.5" (BORED)	EACH	4						4		
X1200134	WATER SERVICE LINE 1.5" (DRILLED THROUGH ROCK)	FOOT	100						100		
X1200135	WATER SERVICE LINE 2" (DRILLED THROUGH ROCK)	FOOT	68						68		
X1200127	PIPE SLEEVE, 4"	FOOT	60	60							
X1200129	PIPE SLEEVE, 8"	FOOT	60	60							

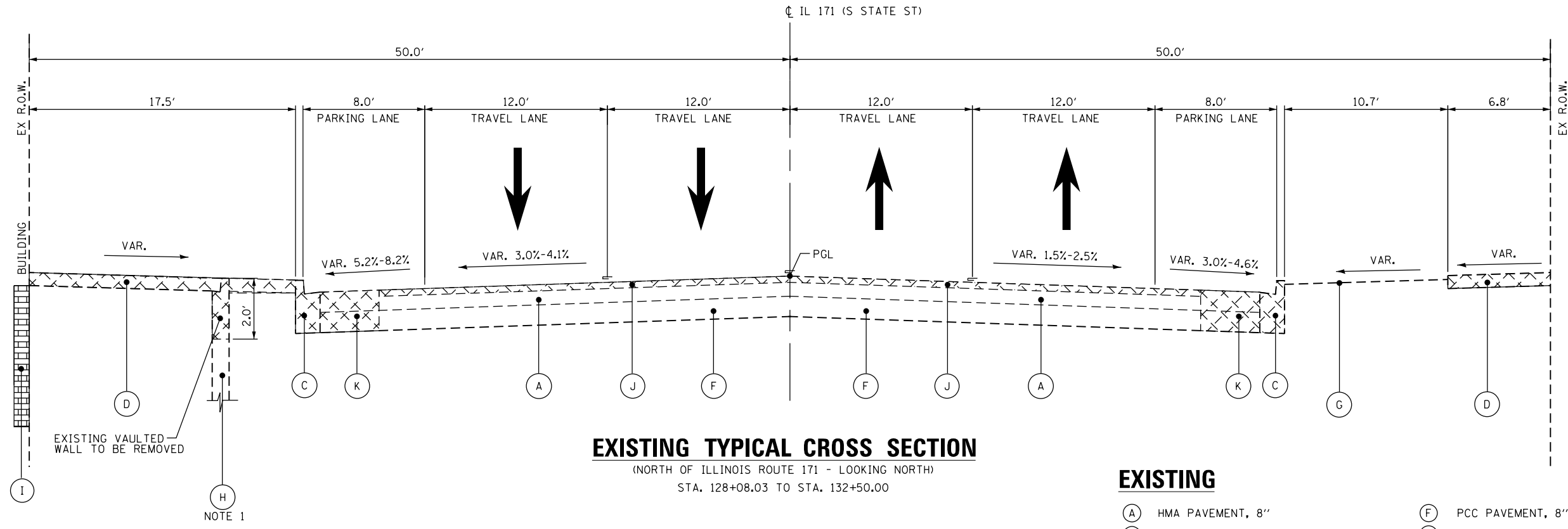
* SPECIALITY ITEMS

AES Services, Inc. 311 S. Wacker Drive, Suite 3910 Chicago, IL 60606 Ph: 312-235-6783	USER NAME = mohammed	DESIGNED - AWM	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	IL 171 (STATE ST.) & IL 7 (9 TH ST.) IMPROVEMENTS SUMMARY OF QUANTITIES - 16 OF 16	F.A.P. RTE. 577	SECTION D-EXT-N	COUNTY WILL	TOTAL SHEETS 140	SHEET NO. 20
	PLOT SCALE = 2.0000" / 1"	CHECKED - JA	REVISED -			SCALE	SHEET OF SHEETS	STA. TO STA.	ILLINOIS FED. AID PROJECT	
	PLOT DATE = 5/11/2017	DATE - 3/20/2017	REVISED -							

Rev



EXISTING TYPICAL CROSS SECTION
 (SOUTH OF ILLINOIS ROUTE 171 - LOOKING NORTH)
 STA. 123+47.00 TO STA. 128+08.03



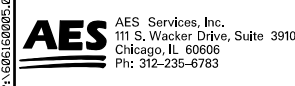
EXISTING TYPICAL CROSS SECTION
 (NORTH OF ILLINOIS ROUTE 171 - LOOKING NORTH)
 STA. 128+08.03 TO STA. 132+50.00

NOTE:
 1. FOR VAULTED SIDEWALK LOCATION SEE ROADWAY PLANS.
 STA. 124+40.43 RT TO STA. 126+84.56 RT
 STA. 124+43.58 LT TO STA. 125+28.18 LT
 STA. 127+00.62 LT TO STA. 127+62.72 LT
 STA. 128+44.72 LT TO STA. 128+72.26 LT
 STA. 129+51.06 LT TO STA. 129+66.66 LT

EXISTING

- (A) HMA PAVEMENT, 8"
- (B) PCC PAVEMENT, 7"
- (C) COMBINATION CURB & GUTTER REMOVAL
- (D) SIDEWALK REMOVAL
- (E) VAULTED SIDEWALK REMOVAL
- (F) PCC PAVEMENT, 8"
- (G) LANDSCAPE
- (H) RETAINING WALL
- (I) BRICK WALL
- (J) HOT MIX ASPHALT SURFACE REMOVAL 2 1/2"
- (K) PAVEMENT REMOVAL

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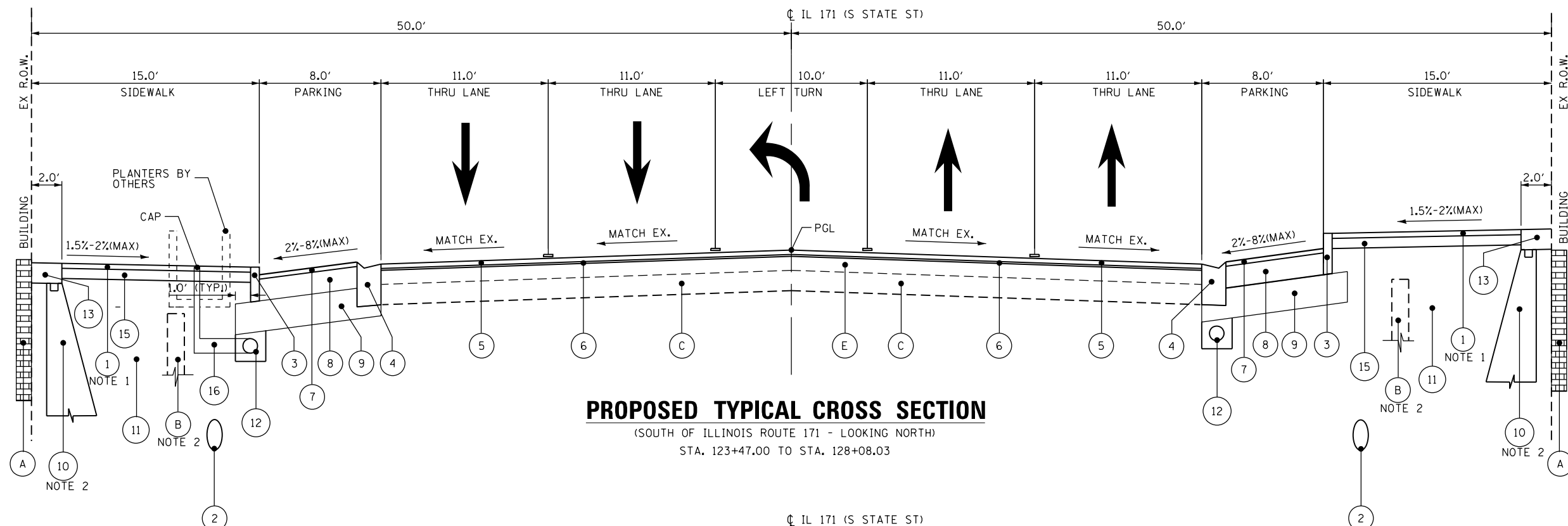


USER NAME = tmohammed	DESIGNED - AWM	REVISED -
DRAWN - TOM	REVISIONS -	
PLOT SCALE = 8.0000' / in.	CHECKED - JA	REVISED -
PLOT DATE = 5/11/2017	DATE - 3/20/2017	REVISED -

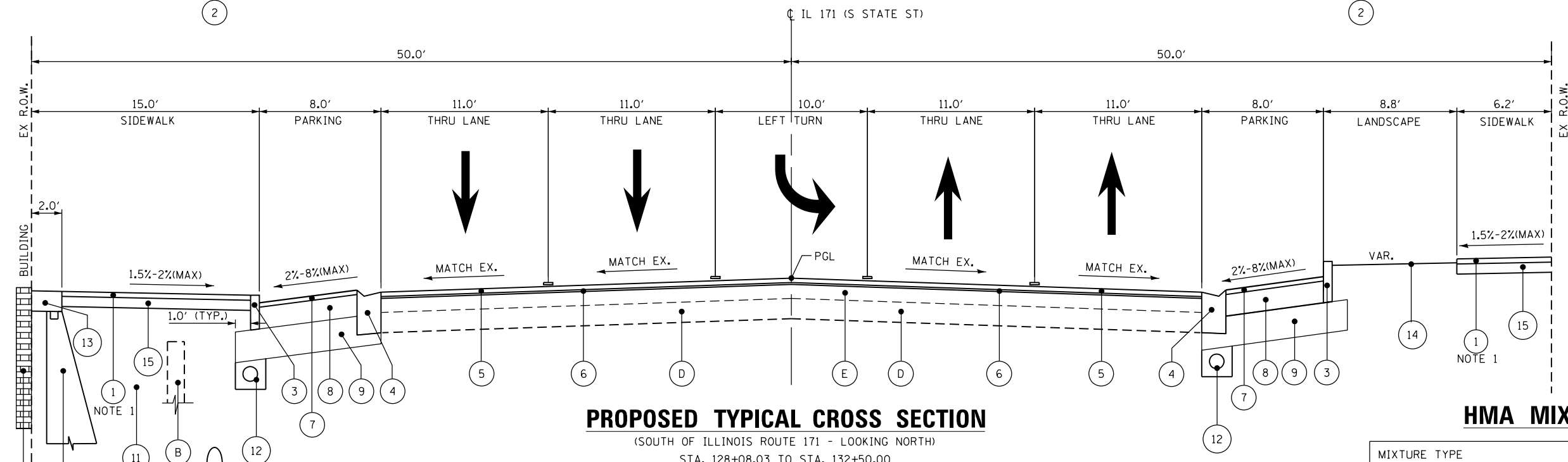
**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

IL 171 (STATE ST.) & IL 7 (9TH ST.) IMPROVEMENTS			
IL - 171 EXISTING TYPICAL SECTIONS			
SCALE	SHEET	OF SHEETS	STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
577	D-EXT-N	WILL	140	22
CONTRACT NO. 62C09				
ILLINOIS FED. AID PROJECT				



PROPOSED TYPICAL CROSS SECTION
 (SOUTH OF ILLINOIS ROUTE 171 - LOOKING NORTH)
 STA. 123+47.00 TO STA. 128+08.03



PROPOSED TYPICAL CROSS SECTION
 (SOUTH OF ILLINOIS ROUTE 171 - LOOKING NORTH)
 STA. 128+08.03 TO STA. 132+50.00

EXISTING CONDITIONS

- (A) EXISTING BRICK WALL
- (B) EXISTING RETAINING WALL
- (C) EXISTING 7" CONCRETE SUBBASE TO REMAIN
- (D) EXISTING 8" CONCRETE SUBBASE TO REMAIN
- (E) EXISTING HMA PAVEMENT

PROPOSED IMPROVEMENTS

- (1) HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70; 2" (TEMPORARY SIDEWALK, SEE NOTE 1)
- (2) PROPOSED WATER MAIN (SEE WATER MAIN PLANS)
- (3) CONCRETE CURB, TYPE B; (VAR, HEIGHT 3"-9")
- (4) COMBINATION CC&G, TYPE B-6.12; (DEPRESSED)
- (5) POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, MIX "E", N70; 1 3/4"
- (6) POLYMERIZED LEVELING BINDER (MACHINE METHOD) IL-4.75, N50; 3*4"
- (7) HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70; 2" (PARKING PAVEMENT)
- (8) HMA BASE COURSE, 8 1/4"
- (9) AGGREGATE SUBGRADE IMPROVEMENT, 12"
- (10) GRAVITY WALL (SEE STRUCTURAL DWGS) (NOTE 2)
- (11) POROUS GRANULAR EMBANKMENT
- (12) PIPE UNDERDRAINS, TYPE 2, 4"
- (13) PCC SIDEWALK 8"
- (14) SODDING, SLAT TOLERANT; OVER 6" TOPSOIL
- (15) SUBBASE GRANULAR MATERIAL, TYPE B; 4"
- (16) PIPE UNDERDRAIN (SPECIAL) SEE NOTE 3.

HMA MIXTURE REQUIREMENTS

MIXTURE TYPE	AIR VOIDS @ NDES	QUALITY MANAGEMENT PROGRAM (QMP)
PAVEMENT RESURFACING		
POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, MIX "E", N70 (IL 9.5 MM)	4% @ 70 GYR	QC/QA
POLYMERIZED LEVELING BINDER, (MM), IL 4.75, N50	3.5% @ 50 GYR	QC/QA
PARKING PAVEMENT		
HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70 (IL 9.5 MM)	4% @ 70 GYR	QC/QA
HOT-MIX ASPHALT BASE COURSE, 8 1/4" (HMA BINDER IL-19.0)	4% @ 70 GYR	QC/QA
PAVEMENT PATCHING		
CLASS D PATCHES (HMA BINDER IL-19 MM)	4% @ 70 GYR	QC/QA
QMP DESIGNATION: (QC/QA) QUALITY CONTROL/QUALITY ASSURANCE		

- NOTE**
- 2 IN. SURFACE COURSE USED AS TEMPORARY SIDEWALK. PERMANENT SIDEWALK WILL BE CONSTRUCTED BY THE CITY OF LOCKPORT DURING STREETSCAPE PROJECT.
 - FOR VAULTED SIDEWALK LOCATION SEE ROADWAY PLANS.
 STA. 124+40.43 RT TO STA. 126+84.56 RT
 STA. 124+43.58 LT TO STA. 125+28.18 LT
 STA. 127+00.62 LT TO STA. 127+62.72 LT
 STA. 128+44.72 LT TO STA. 128+72.26 LT
 STA. 129+51.06 LT TO STA. 129+66.66 LT
 - COORDINATE PIPE UNDERDRAIN (SPECIAL) LOCATIONS WITH STREETSCAPE PROJECT BY OTHERS.

THE UNIT WEIGHT USED TO CALCULATE ALL HOT-MIX ASPHALT SURFACE MIXTURE QUANTITIES IS 112 LBS/SOYD/IN.

THE "AC TYPE" FOR POLYMERIZED HMA MIXES SHALL BE "SBS/SBR PG 76-22" AND FOR NON POLYMERIZED HMA THE "AC TYPE" SHALL BE "PG 64-22" UNLESS MODIFIED BY DISTRICT ONE SPECIAL PROVISIONS. FOR USE OF RECYCLED MATERIALS SEE SPECIAL PROVISIONS. QUALITY MANAGEMENT PROGRAM (QMP) IDENTIFIES THE PARTICULAR QUALITY CONTROL SPECIFICATION THAT APPLIES TO THE HMA MIXTURE.

QMP DESIGNATION: QUALITY CONTROL/QUALITY ASSURANCE (QC/QA): QUALITY FOR PERFORMANCE

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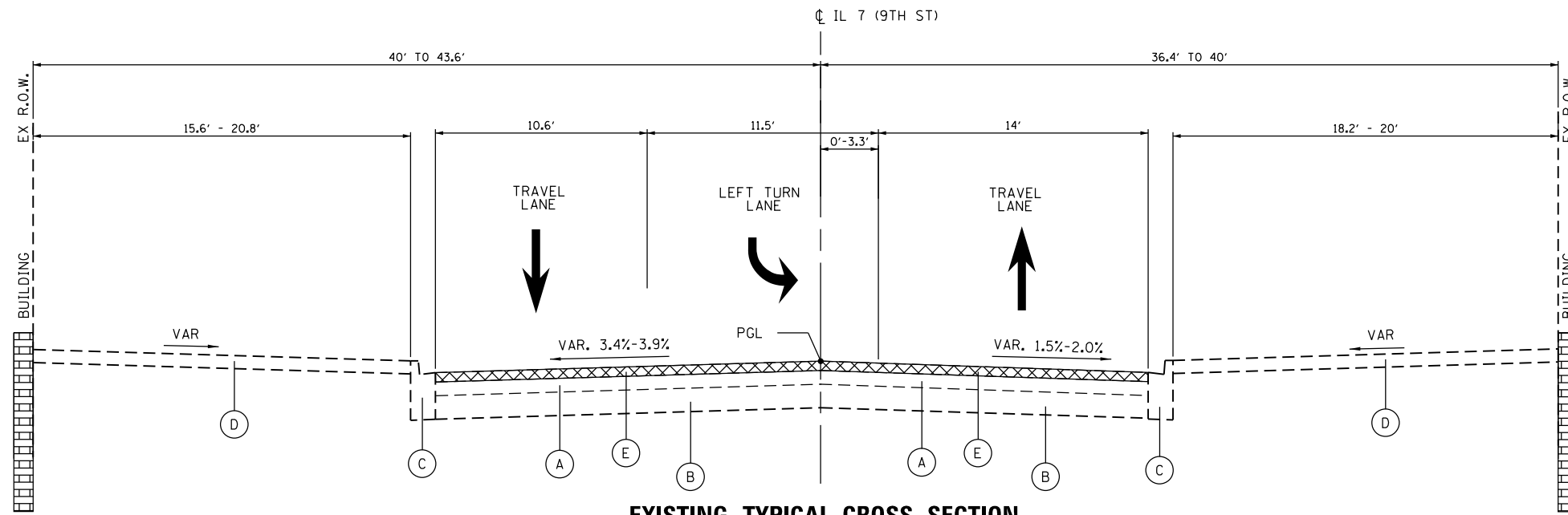
AES Services, Inc.
 111 S. Wacker Drive, Suite 3910
 Chicago, IL 60606
 Ph: 312-235-6783

USER NAME = awmohammed	DESIGNED - AWM	REVISED -
PLOT SCALE = 8.0000' / in.	DRAWN - TOM	REVISED -
PLOT DATE = 6/6/2017	CHECKED - JA	REVISED -
	DATE - 3/20/2017	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

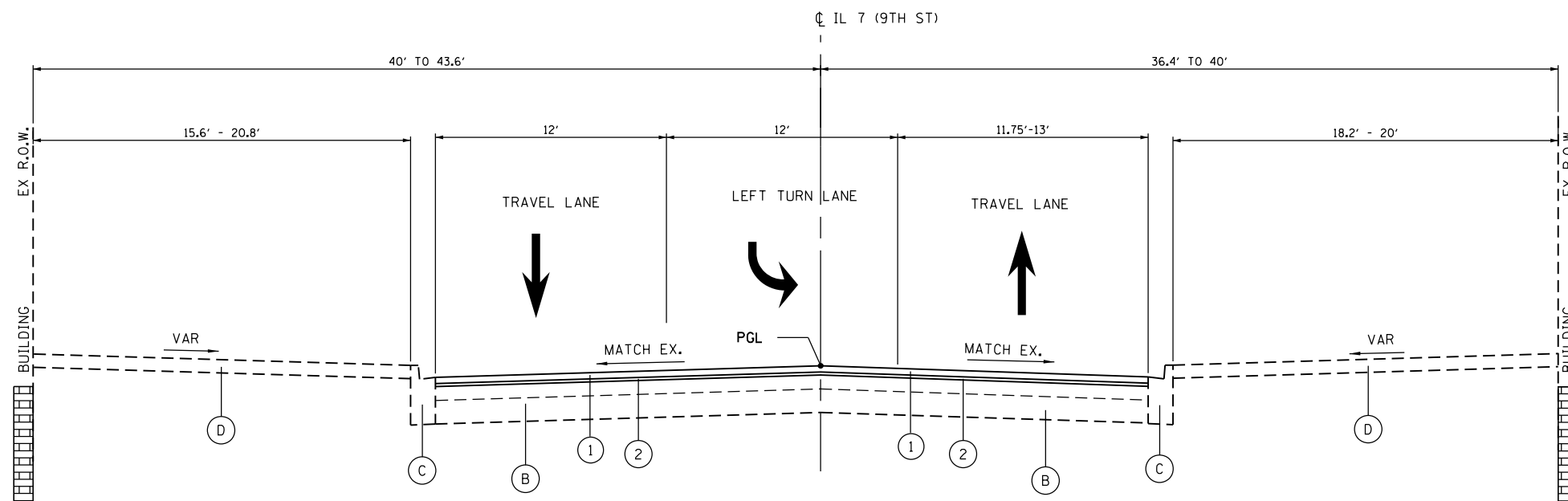
IL 171 (STATE ST.) & IL 7 (9TH ST.) IMPROVEMENTS			
IL - 171 PROPOSED TYPICAL SECTIONS			
SCALE	SHEET	OF SHEETS	STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
577	D-EXT-N	WILL	140	23
CONTRACT NO. 62C09				
ILLINOIS FED. AID PROJECT				



EXISTING TYPICAL CROSS SECTION

STA. 30+11.00 TO STA. 31+66.99



PROPOSED TYPICAL CROSS SECTION

STA. 30+11.00 TO STA. 31+66.99

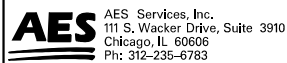
EXISTING CONDITIONS

- (A) HOT-MIX ASPHALT SURFACE, 8" ±
- (B) PCC PAVEMENT, 7" ±
- (C) COMBINATION CONCRETE CURB AND GUTTER
- (D) CONCRETE SIDEWALK
- (E) HOT-MIX ASPHALT SURFACE REMOVAL, 2 1/2"

PROPOSED CONDITIONS

- (1) POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, MIX "E", N70; 1 3/4"
- (2) POLYMERIZED LEVELING BINDER (MACHINE METHOD) IL-4.75, N50; 3/4"

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USER NAME = tmohammed	DESIGNED - AWM	REVISED -
DRAWN - TOM	REVISIONS -	
CHECKED - JA	REVISIONS -	
DATE - 3/20/2017	REVISIONS -	

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**IL 171 (STATE ST.) & IL 7 (9TH ST.) IMPROVEMENTS
IL - 7 EXISTING & PROPOSED TYPICAL SECTIONS**

SCALE SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
577	D-EXT-N	WILL	140	24
CONTRACT NO. 62C09				
ILLINOIS FED. AID PROJECT				

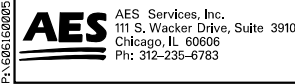
PAVEMENT SCHEDULE

LOCATION	SIDE	AGGREGATE SUBGRADE IMPROVEMENT 12"	HOT-MIX ASPHALT BASE COURSE 8 1/4"	BITUMINOUS MATERIALS (TACK COAT)	POLYMERIZED LEVELING BINDER (MACHINE METHOD), IL-4.75, N50	HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70 (TEMPORARY SIDEWALK)	HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70 (PARKING PAVEMENT)	POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, MIX "E", N70	PROTECTIVE COAT	PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT, 8"	PORTLAND CEMENT CONCRETE SIDEWALK, 5"	PORTLAND CEMENT CONCRETE SIDEWALK, 8"	CLASS D PATCHES, TYPE I, 15 INCH	CLASS D PATCHES, TYPE II, 15 INCH	CLASS D PATCHES, TYPE III, 15 INCH	CLASS D PATCHES, TYPE I, 16 INCH	CLASS D PATCHES, TYPE II, 16 INCH
STATION TO STATION	LT/RT	(SQ YD)	(SQ YD)	(POUND)	(TON)	(TON)	(TON)	(TON)	(SQ YD)	(SQ FT)	(SQ FT)	(SQ FT)	(SQ YD)	(SQ YD)	(SQ YD)	(SQ YD)	(SQ YD)
IL 171																	
123+49.00 TO 127+57.00	LT&RT	624	413	1859	110	99	47	310	54		3731	801	5	14	22		
129+00.00 TO 132+50.00	LT&RT	387	257	2528	154	67	29	294	52	164	1655	712	3			10	11
IL 7 (9TH ST)																	
30+11.00 TO 31+66.00	LT&RT			468	29			71			600						
TOTAL		1011	668	4855	293	166	76	685	111	164	5986	1513	8	14	22	10	11

PAVEMENT REMOVAL SCHEDULE

LOCATION	HOT-MIX ASPHALT SURFACE REMOVAL, BUTT JOINTS	PAVEMENT REMOVAL	HOTMIX ASPHALT SURFACE REMOVAL, 2 1/2"	DRIVEWAY PAVEMENT REMOVAL	COMBINATION CURB AND GUTTER REMOVAL	SIDEWALK REMOVAL	SAW CUTS
STATION TO STATION	(SQ YD)	(SQ YD)	(SQ YD)	(SQ YD)	(FOOT)	(SQ FT)	(FOOT)
123+49.00 TO 127+57.00	65	224	3182		901	9456	159
129+00.00 TO 132+50.00	110	607	3019	219	826	8220	140
30+11.00 TO 32+81.24			720		29	670	
TOTAL	175	831	6921	219	1756	18346	299

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USER NAME = tmohammed	DESIGNED - AWM	REVISED -
	DRAWN - TOM	REVISED -
PLOT SCALE = 2.0000' / in.	CHECKED - JA	REVISED -
PLOT DATE = 5/11/2017	DATE - 3/20/2017	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

IL 171 (STATE ST.) & IL 7 (9TH ST.) IMPROVEMENTS			
SCHEDULE OF QUANTITIES 1 OF 2			
SCALE	SHEET OF SHEETS	STA. TO STA.	

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
577	D-EXT-N	WILL	140	25
CONTRACT NO. 62C09				
ILLINOIS FED. AID PROJECT				

PAVEMENT MARKING

LOCATION			SIDE	SHORT TERM PAVEMENT MARKING (FOOT)						TEMPORARY PAVEMENT MARKING (FOOT)						THERMOPLASTIC PAVEMENT MARKING (FOOT)						SHORT TERM PAVEMENT MARKING REMOVAL (SQ. FT.)	RAISED REFLECTIVE PAVEMENT MARKER		RAISED REFLECTIVE PAVEMENT MARKER REMOVAL (EACH)	PAVEMENT MARKING REMOVAL (SQ. FT.)
STATION TO STATION	TO	STATION		LT/RT	(YELLOW)	(WHITE)					(YELLOW)	(WHITE)					(YELLOW)	(WHITE)					2-WAY AMBER (EACH)	1-WAY CRYSTAL (EACH)		
STATION TO STATION	TO	STATION	LT/RT	LINE 4"	LINE 4"	LINE 6"	LINE 12"	LINE 24"	LETTERS & SYMBS	LINE 4"	LINE 4"	LINE 6"	LINE 12"	LINE 24"	LETTERS & SYMBS	LINE 4"	LINE 4"	LINE 6"	LINE 12"	LINE 24"	LETTERS & SYMBS	(SQ. FT.)	(EACH)	(EACH)	(EACH)	(SQ. FT.)
123+47	TO	132+50	LT/RT	3825	936	6708	429	486	1440	1275	312	1747	143	162	160	1275	312	1747	143	162	160	9757	34	44	35	2940
30+11	TO	33+16	LT/RT	1353		1847	60	444	1837	451		479	20	148	204	451		479	20	148	204		8	3	22	
TOTAL				5178	936	8555	489	930	3277	1726	312	2226	163	310	364	1726	312	2226	163	310	364	9757	42	47	57	2940

NOTE:
ADDITIONAL QUANTITY HAS BEEN INCLUDED TO ALLOW FOR TWO SEPARATE APPLICATIONS OF THERMOPLASTIC PAVEMENT MARKING LINE.

TRAFFIC CONTROL

LOCATION			SIDE	TRAFFIC CONTROL PROTECTION (LSUM)							CHANGEABLE MESSAGE SIGN (CAL DAYS)	TEMPORARY INFORMATION SIGNING (SQ. FT.)
STATION TO STATION	TO	STATION		STANDARD 701501	STANDARD 701502	STANDARD 701606	STANDARD 701602	STANDARD 701611	STANDARD 701701	STANDARD 701801		
123+47	TO	131+61	LT/RT/CL	1	1	1	1	1	1	1	425	186
30+11	TO	33+16	LT/RT/CL									170
TOTAL				1	1	1	1	1	1	1	425	356

SEEDING AND EROSION CONTROL SCHEDULE

LOCATION			SIDE	TOPSOIL FURNISH AND PLACE, 6"	SODDING, SALT TOLERANT (SQ. YD)	NITROGEN FERTILIZER NUTRIENT (POUND)	PHOSPHOROUS FERTILIZER NUTRIENT (POUND)	POTASSIUM FERTILIZER NUTRIENT (POUND)
STATION TO STATION	TO	STATION						
129+21.66	TO	129+96.00	RT	76.65	76.65	0.95	0.95	0.95
130+31.65	TO	130+87.67	RT	66.58	66.58	0.83	0.83	0.83
131+09.00	TO	131+65.00	RT	113.52	113.52	1.41	1.41	1.41
30+28.41	TO	30+43.14	RT	12.31	12.31	0.15	0.15	0.15
TOTAL				271	271	4	4	4

EARTHWORK SCHEDULE

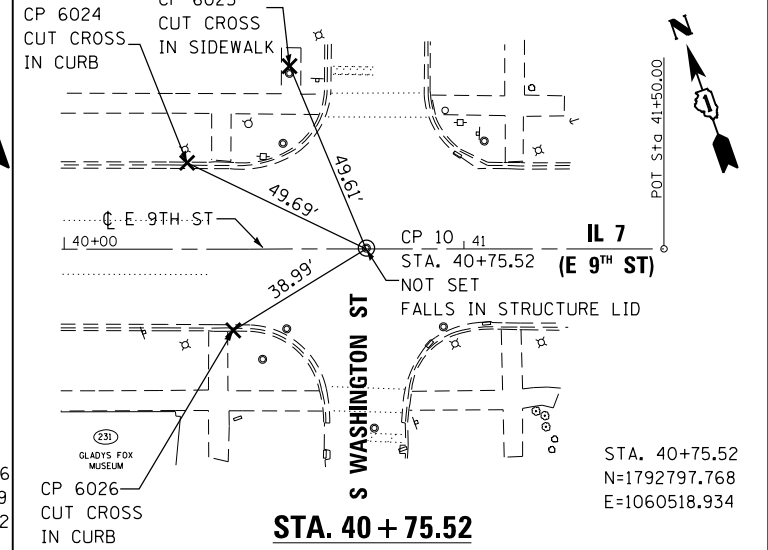
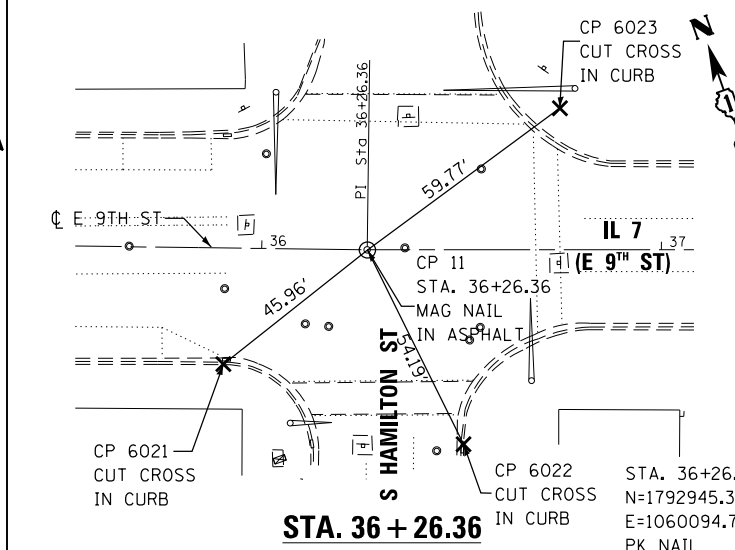
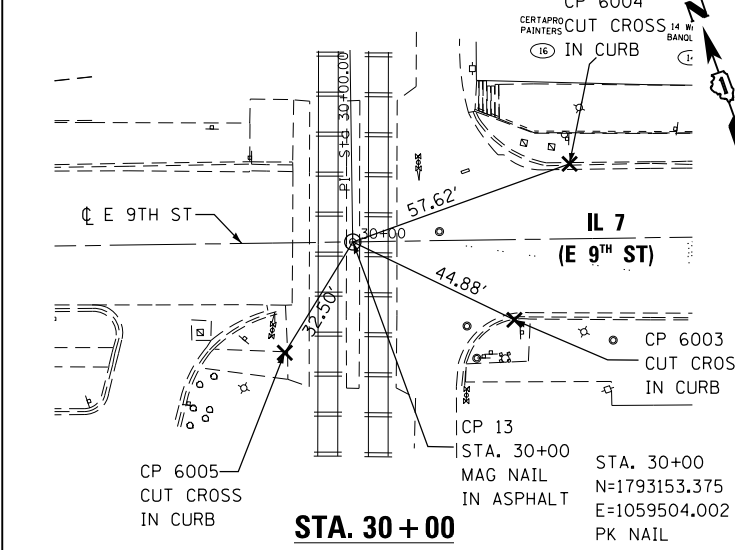
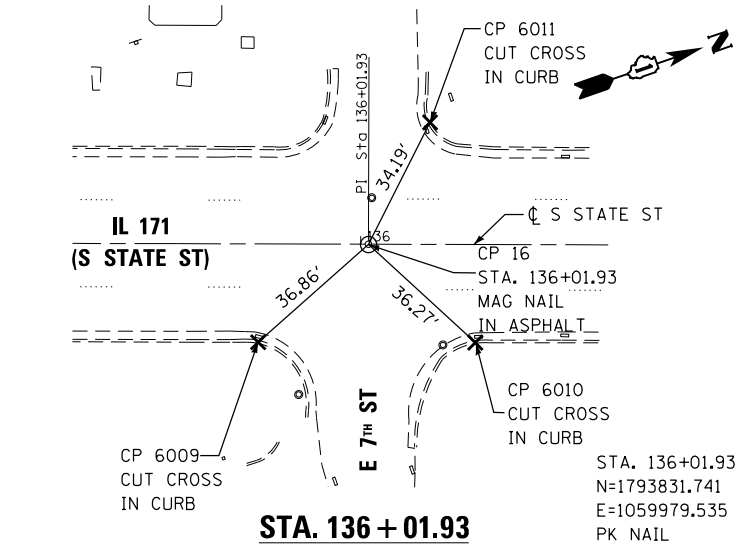
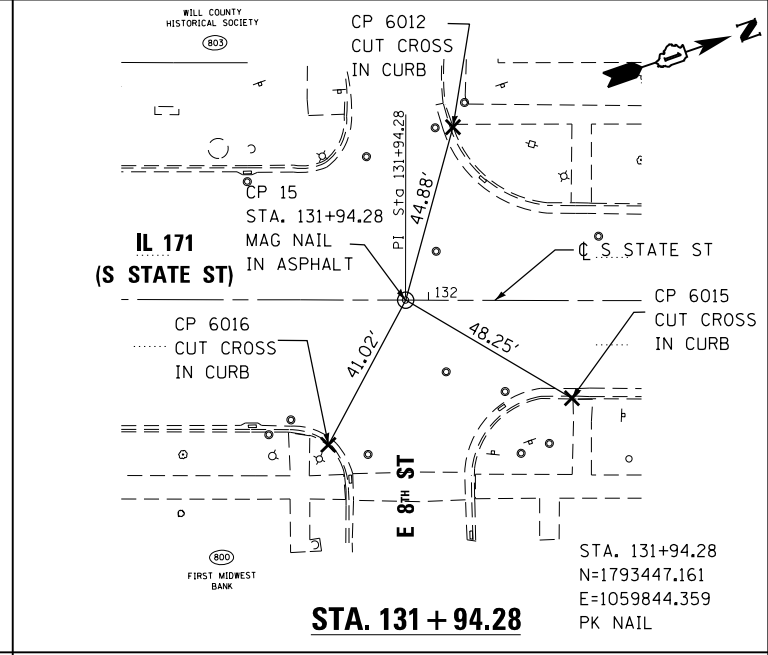
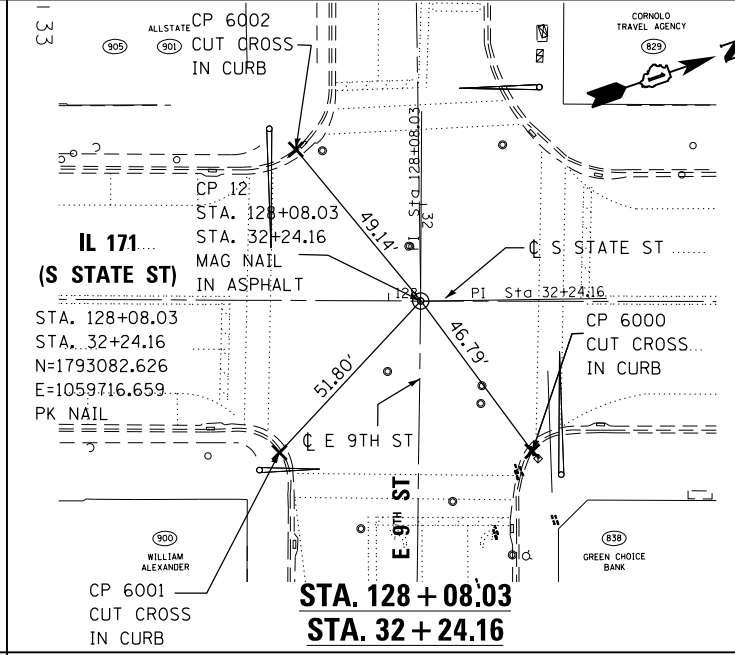
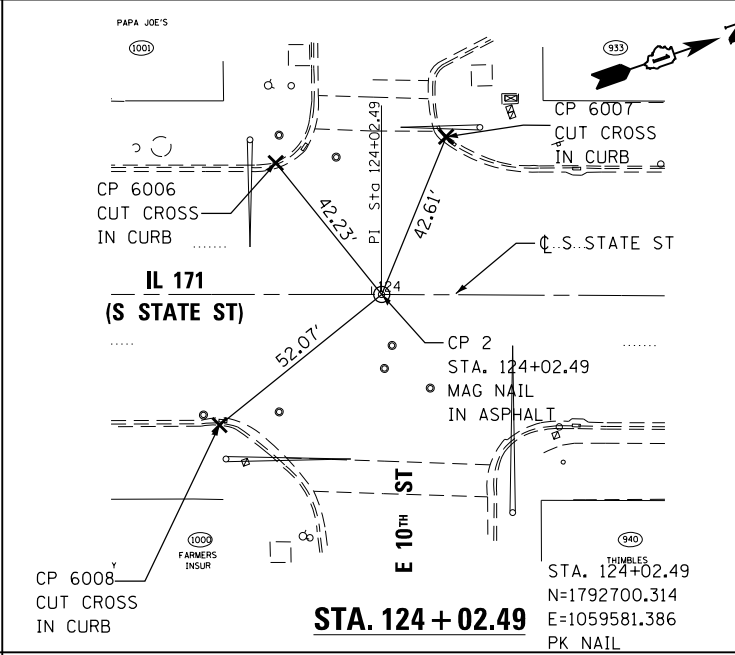
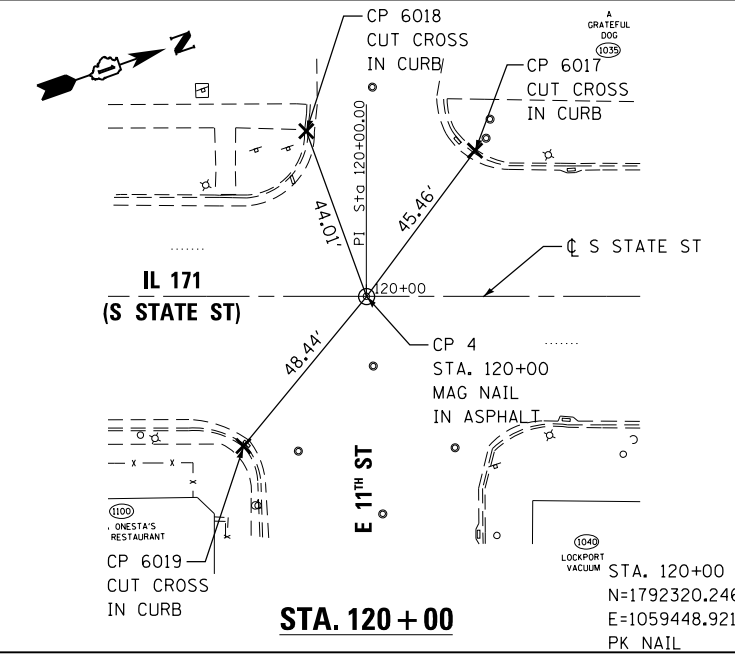
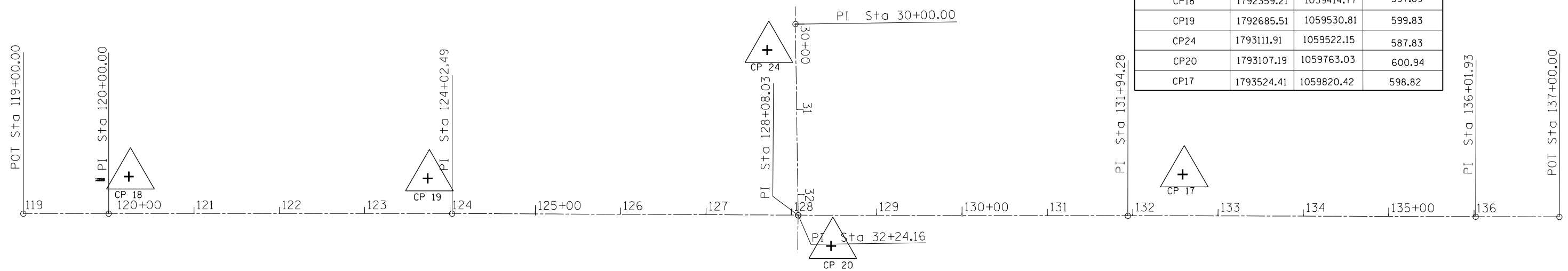
LOCATION			SIDE	EARTH EXCAVATION (CU YD)		EARTH EXCAVATION ADJUSTED FOR SWELL / SHRINKAGE (25%) (CU YD)	
STATION TO STATION	TO	STATION		CUT	FILL	CUT	FILL
STAGE I							
123+47.00	TO	132+50.00	LT	40.98		51.23	(-) 51.23
STAGE II							
123+47.00	TO	132+50.00	RT		24.24	30.30	(+) 30.30
NET TOTAL							21

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BENCHMARK SD116

PK NAIL ON EAST WALL OF BUILDING AT 903 S STATE ST ,
 LOCATED AT NORTHWEST CORNER OF S. STATE ST & 9TH ST
 ABOVE 2ND STEP OF STAIR AT 601.21 FT NADV88 .

CONTROL POINT COORDINATES			
CONTROL POINT	NORTHING	EASTING	ELEVATION
CP18	1792359.21	1059414.77	597.89
CP19	1792685.51	1059530.81	599.83
CP24	1793111.91	1059522.15	587.83
CP20	1793107.19	1059763.03	600.94
CP17	1793524.41	1059820.42	598.82



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AES Services, Inc.
 111 S. Wacker Drive, Suite 3910
 Chicago, IL 60606
 Ph: 312-235-6783

USER NAME = tmoammed	DESIGNED - AWM	REVISED -
DRAWN - TOM	REVISIONS -	
PLOT SCALE = 1/8" = 1'-0"	CHECKED - JA	REVISIONS -
PLOT DATE = 5/11/2017	DATE - 3/20/2017	REVISIONS -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

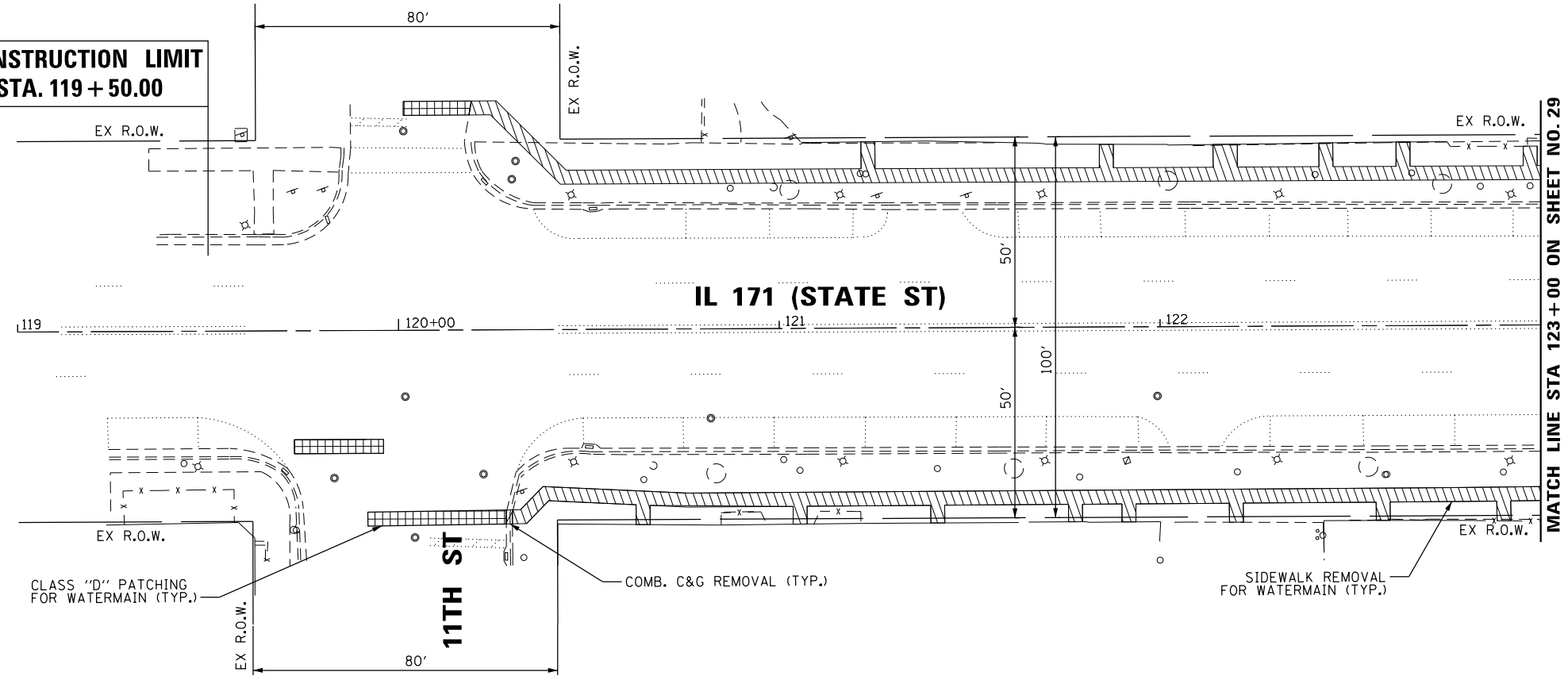
**IL 171 (STATE ST.) & IL 7 (9TH ST.) IMPROVEMENTS
 ALIGNMENT, TIES AND BENCHMARK**

F.A.P. RTE. 577	SECTION D-EXT-N	COUNTY WILL	TOTAL SHEETS 140	SHEET NO. 27
CONTRACT NO. 62C09				
ILLINOIS FED. AID PROJECT				

SCALE SHEET OF SHEETS STA. TO STA.

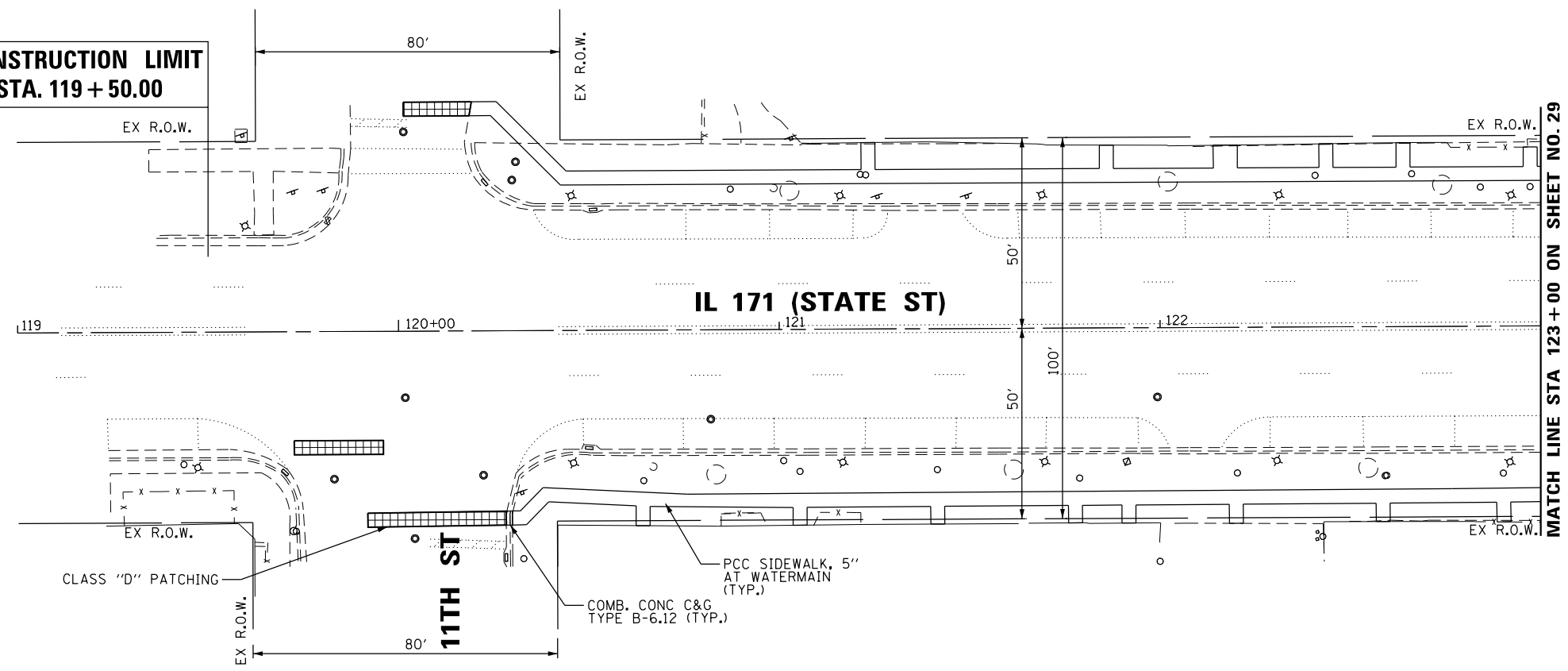


**CONSTRUCTION LIMIT
STA. 119 + 50.00**











EXISTING

**CONSTRUCTION LIMIT
STA. 119 + 50.00**



PROPOSED

LEGEND:

-  HMA SURFACE COURSE, MIX "D", N70, 2" (TEMPORARY SIDEWALK, SEE NOTE 2)
-  PCC SIDEWALK, 8" (AT VAULT LOCATIONS)
-  SIDEWALK REMOVAL
-  COMBINATION CURB & GUTTER REMOVAL
-  PAVEMENT REMOVAL
-  HMA SURFACE REMOVAL
-  VAULTED SIDEWALK REMOVAL
-  CLASS "D" PATCHES



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AES Services, Inc.
111 S. Wacker Drive, Suite 3910
Chicago, IL 60606
Ph: 312-235-6783

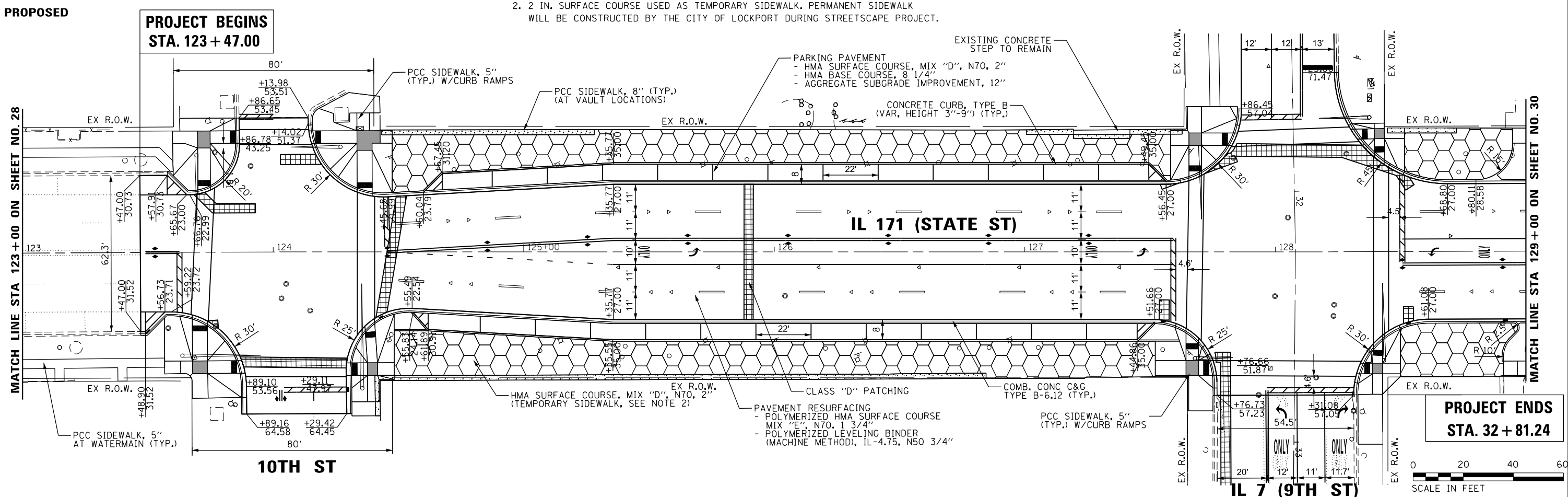
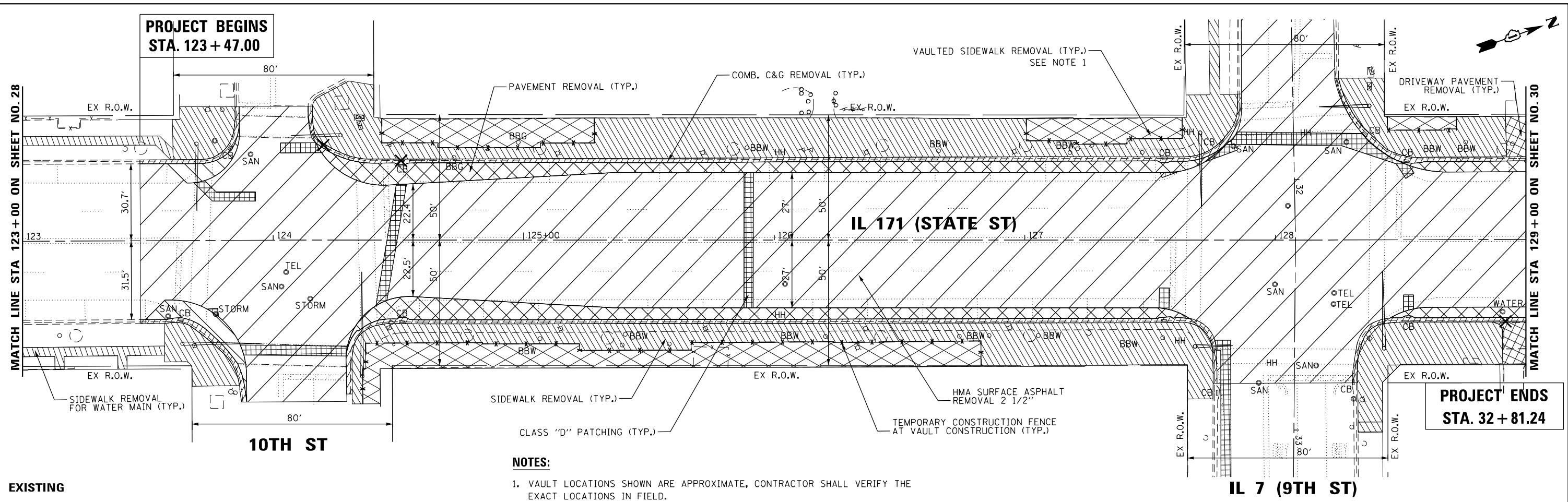
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DRAWN - TOM	REVISED -	
CHECKED - JA	REVISED -	
DATE - 3/20/2017	REVISED -	
PLOT SCALE = 48.0000' / in.		
PLOT DATE = 6/6/2017		

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**IL 171 (STATE ST.) & IL 7 (9TH ST.) IMPROVEMENTS
IL 171 (STATE ST.) - ROADWAY PLAN 1 OF 3**

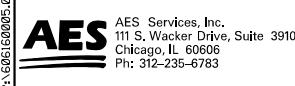
SCALE SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
577	D-EXT-N	WILL	140	28
			CONTRACT NO. 62C09	
ILLINOIS FED. AID PROJECT				



- NOTES:**
1. VAULT LOCATIONS SHOWN ARE APPROXIMATE, CONTRACTOR SHALL VERIFY THE EXACT LOCATIONS IN FIELD.
 2. 2 IN. SURFACE COURSE USED AS TEMPORARY SIDEWALK. PERMANENT SIDEWALK WILL BE CONSTRUCTED BY THE CITY OF LOCKPORT DURING STREETScape PROJECT.

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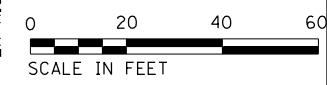


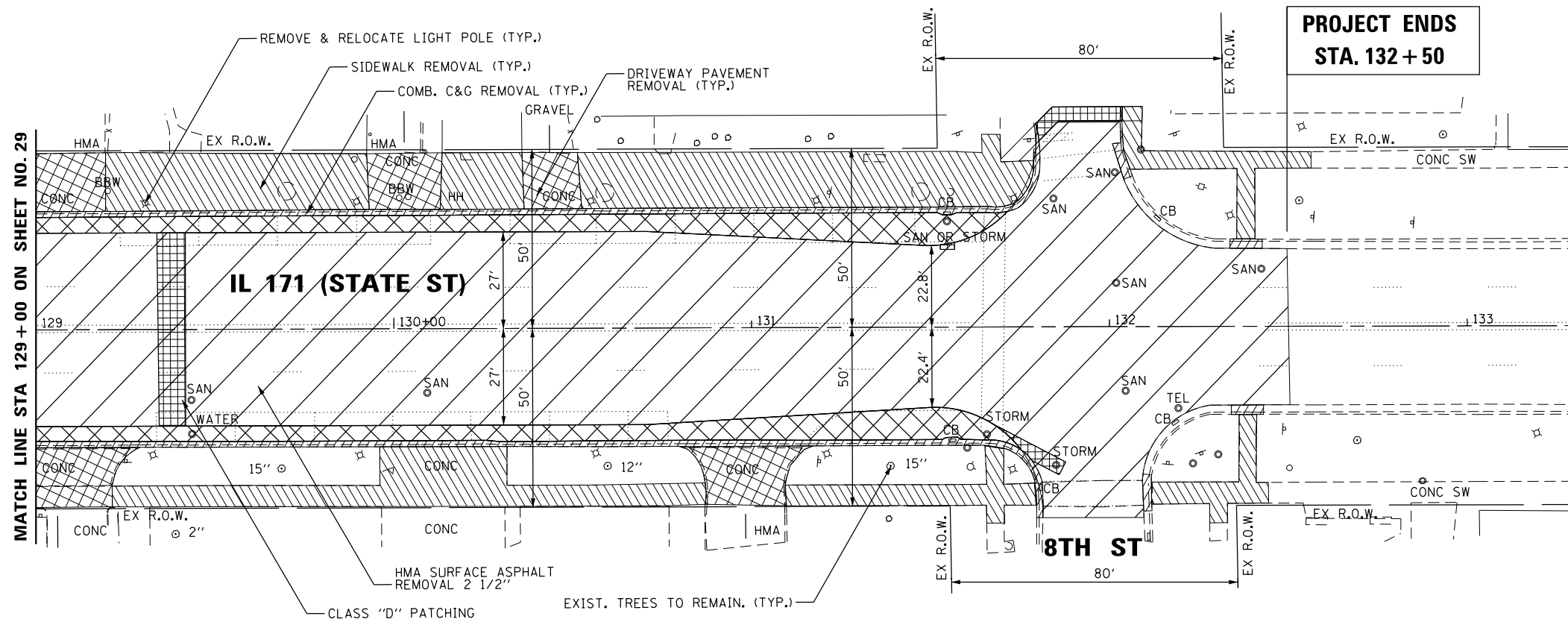
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DRAWN - TOM	REVISED -	
CHECKED - JA	REVISED -	
DATE - 3/20/2017	REVISED -	
PLOT SCALE = 40.0000' / in.		
PLOT DATE = 6/6/2017		

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**IL 171 (STATE ST.) & IL 7 (9TH ST.) IMPROVEMENTS
IL 171 (STATE ST.) - ROADWAY PLAN 2 OF 3**

F.A.P. RTE. 577	SECTION D-EXT-N	COUNTY WILL	TOTAL SHEETS 140	SHEET NO. 29
SCALE			CONTRACT NO. 62C09	
ILLINOIS FED. AID PROJECT				

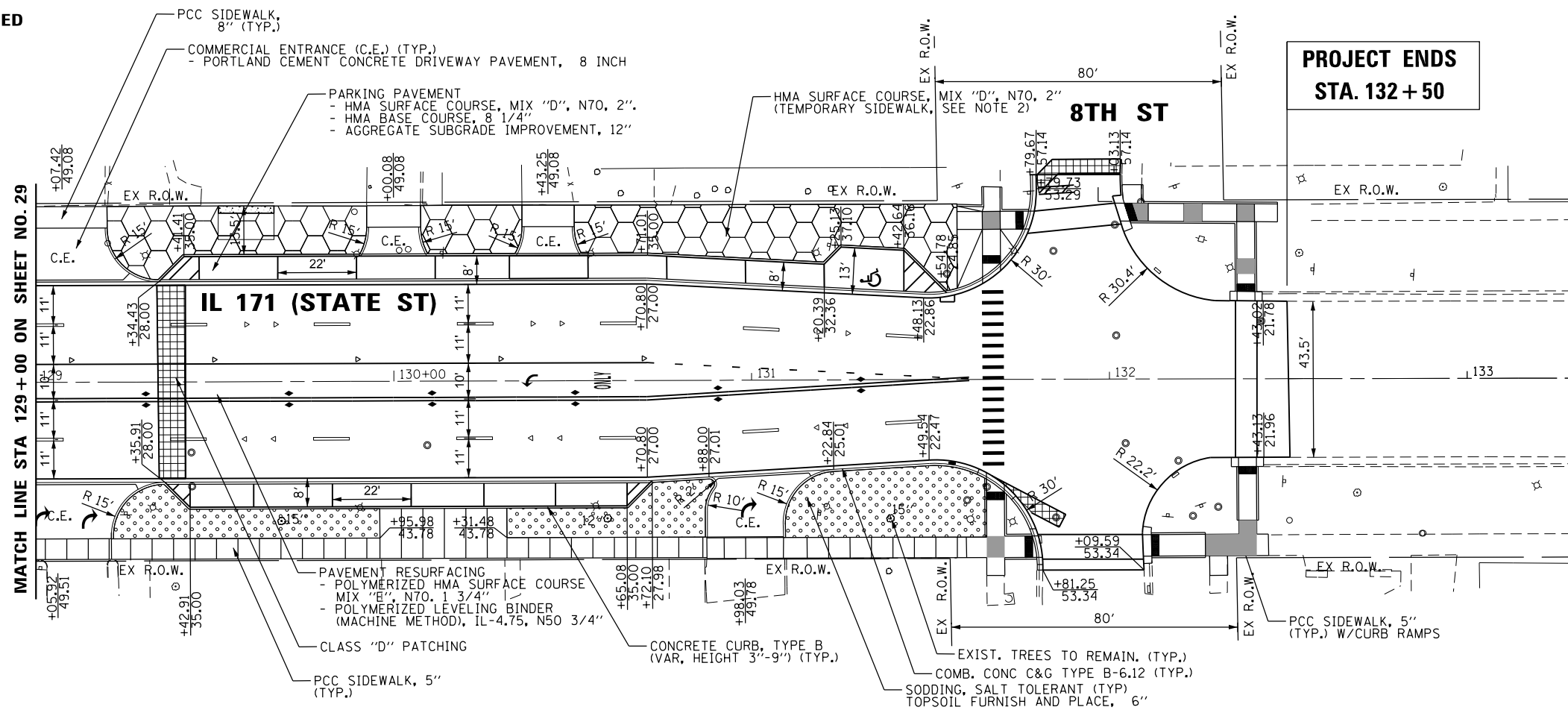




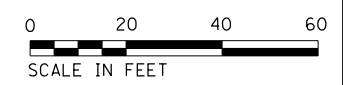
**PROJECT ENDS
STA. 132 + 50**

EXISTING

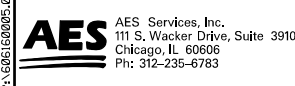
PROPOSED



**PROJECT ENDS
STA. 132 + 50**



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USER NAME = awmohammed	DESIGNED - AWM	REVISED -
PLOT SCALE = 48.0000' / in.	DRAWN - TOM	REVISED -
PLOT DATE = 6/6/2017	CHECKED - JA	REVISED -
	DATE - 3/20/2017	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**IL 171 (STATE ST.) & IL 7 (9TH ST.) IMPROVEMENTS
IL 171 (STATE ST.) - ROADWAY PLAN 3 OF 3**

SCALE SHEET OF SHEETS STA. TO STA.

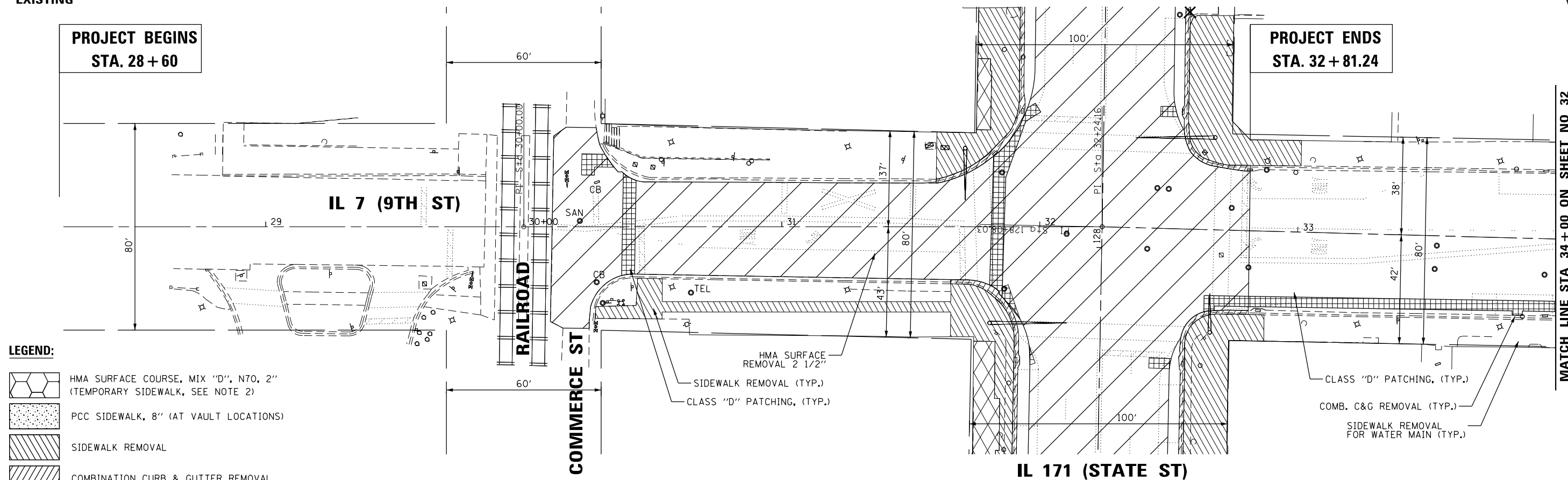
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
577	D-EXT-N	WILL	140	30
CONTRACT NO. 62C09				
ILLINOIS FED. AID PROJECT				



EXISTING

PROJECT BEGINS
STA. 28 + 60

PROJECT ENDS
STA. 32 + 81.24



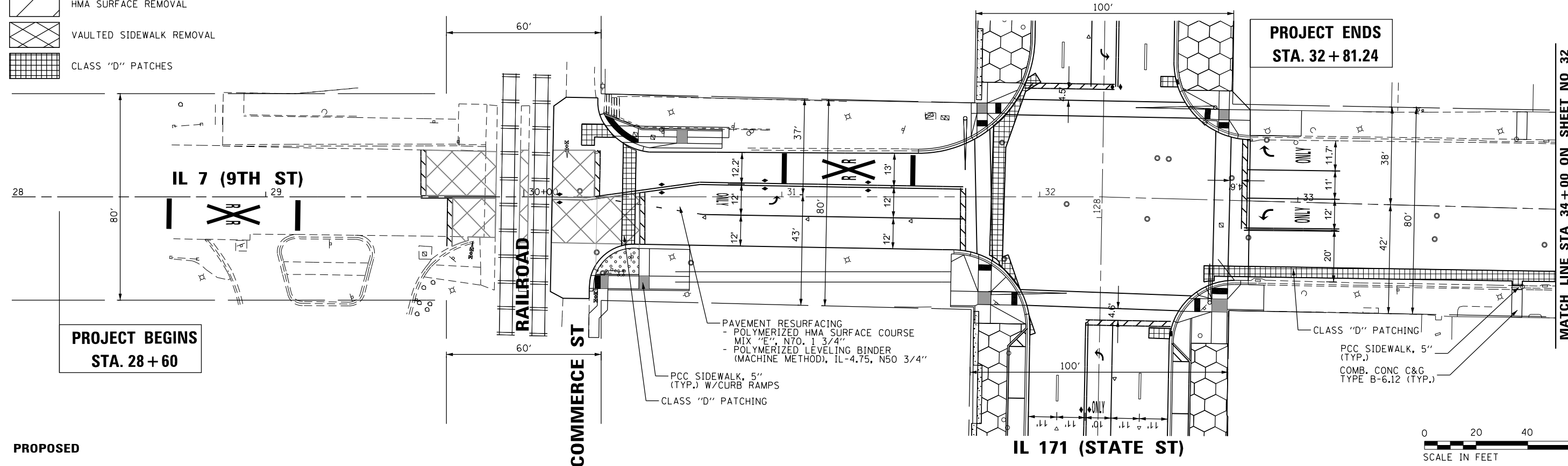
LEGEND:

- HMA SURFACE COURSE, MIX "D", N70, 2" (TEMPORARY SIDEWALK, SEE NOTE 2)
- PCC SIDEWALK, 8" (AT VAULT LOCATIONS)
- SIDEWALK REMOVAL
- COMBINATION CURB & GUTTER REMOVAL
- PAVEMENT REMOVAL
- HMA SURFACE REMOVAL
- VAULTED SIDEWALK REMOVAL
- CLASS "D" PATCHES

IL 171 (STATE ST)

MATCH LINE STA 34+00 ON SHEET NO 32

PROJECT ENDS
STA. 32 + 81.24



PROJECT BEGINS
STA. 28 + 60

PROPOSED

IL 171 (STATE ST)

MATCH LINE STA 34+00 ON SHEET NO 32



P:\606162005\04-PTB177-004_404-IL-7 & IL-171 Intersect Improvements\01C000_08Sheet\31-62C09-sh1-pln.rvt.dgn

AES Services, Inc.
111 S. Wacker Drive, Suite 3910
Chicago, IL 60606
Ph: 312-235-6783

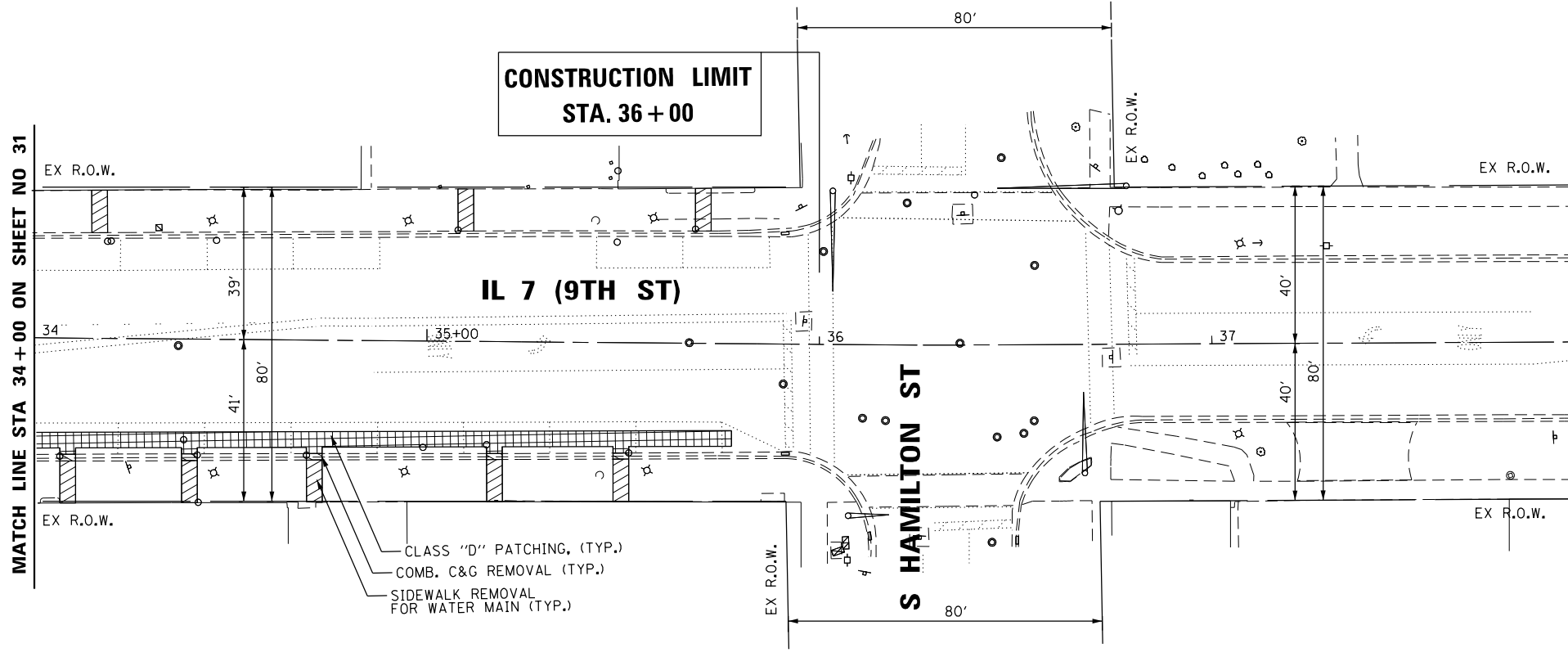
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DRAWN - TOM	REVISED -	
PLOT SCALE = 48.0000' / in.	CHECKED - JA	REVISED -
PLOT DATE = 6/6/2017	DATE - 3/20/2017	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

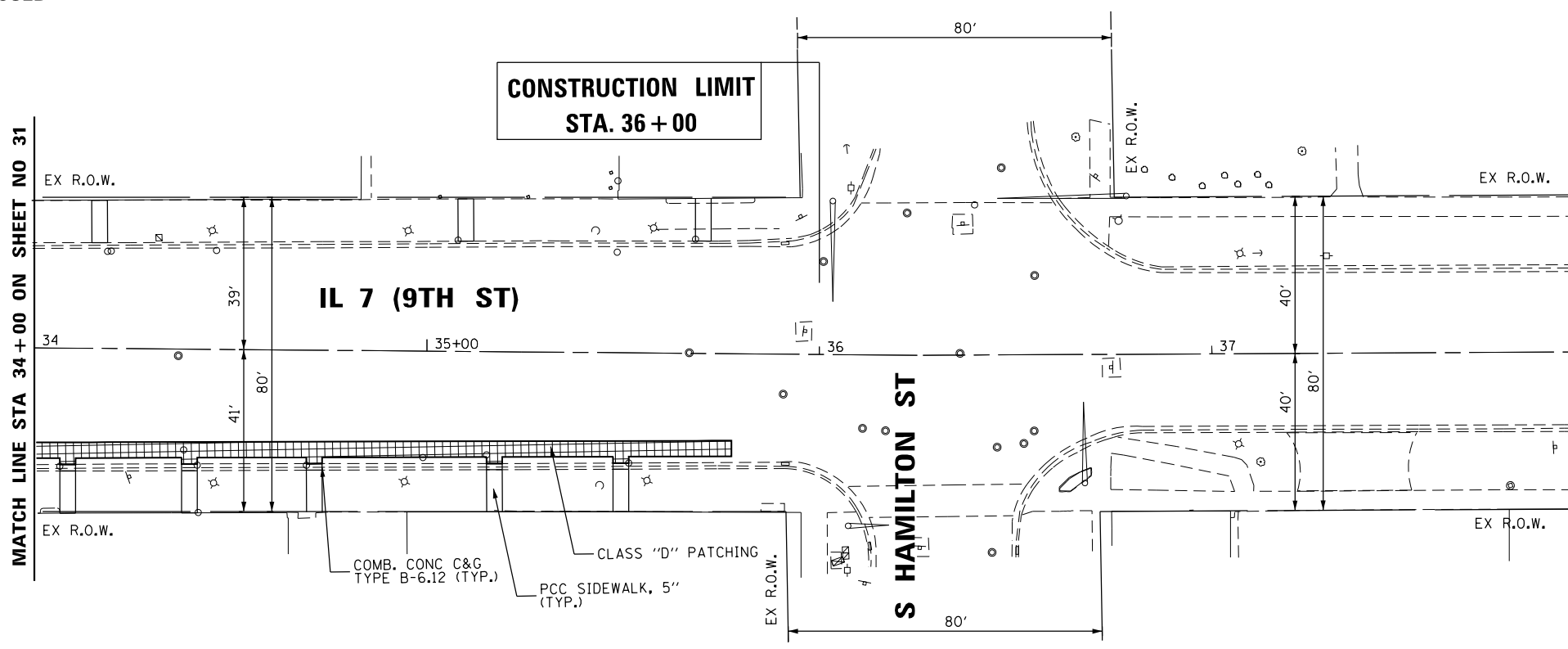
IL 171 (STATE ST.) & IL 7 (9TH ST.) IMPROVEMENTS
IL 7 (9TH ST.) - ROADWAY PLAN

SCALE	SHEET	OF	SHEETS	STA.	TO	STA.
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F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
577	D-EXT-N	WILL	140	31
CONTRACT NO. 62C09				
ILLINOIS FED. AID PROJECT				



EXISTING



PROPOSED



P:\606162005\04-PTB177-004_40*4-IL 7 & IL 171 Intersect Improvements\01C000\08Sheet\32-62C09-ant-pln5.dgn

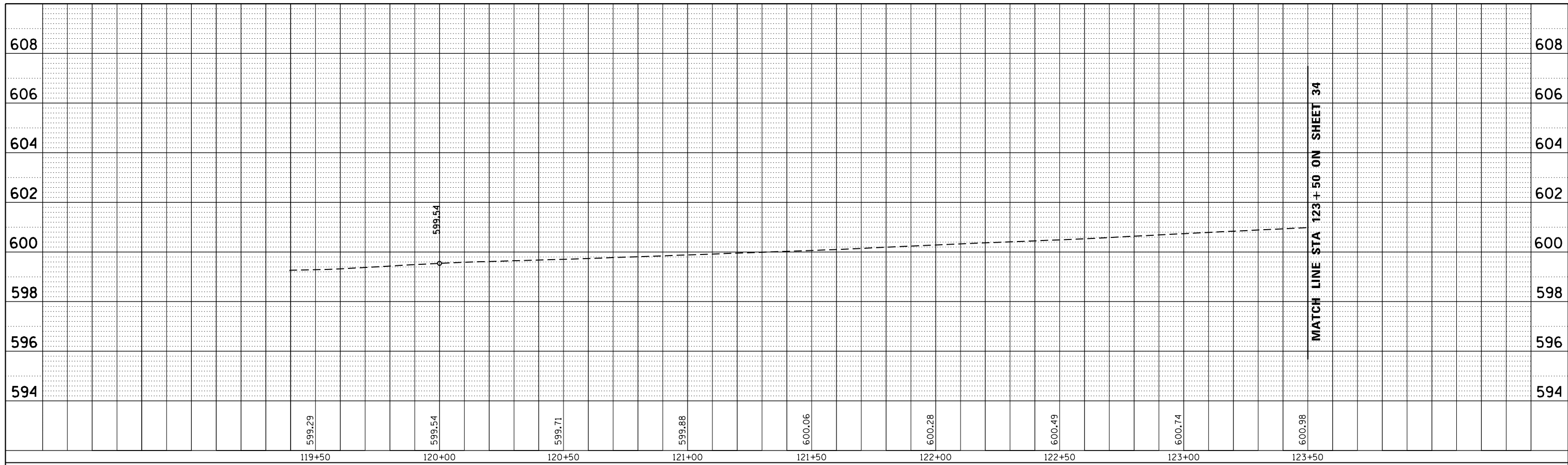
AES Services, Inc.
111 S. Wacker Drive, Suite 3910
Chicago, IL 60606
Ph: 312-235-6783

USER NAME = awmohammed	DESIGNED - AWM	REVISED -
DRAWN - TOM	REVISOR -	
PLOT SCALE = 48.0000' / in.	CHECKED - JA	REVISOR -
PLOT DATE = 6/6/2017	DATE - 3/20/2017	REVISOR -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

IL 171 (STATE ST.) & IL 7 (9TH ST.) IMPROVEMENTS			
IL 7 (9TH ST.) - ROADWAY PLAN			
SCALE	SHEET	OF SHEETS	STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
577	D-EXT-N	WILL	140	32
CONTRACT NO. 62C09				
ILLINOIS FED. AID PROJECT				



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AES Services, Inc.
 111 S. Wacker Drive, Suite 3910
 Chicago, IL 60606
 Ph: 312-235-6783

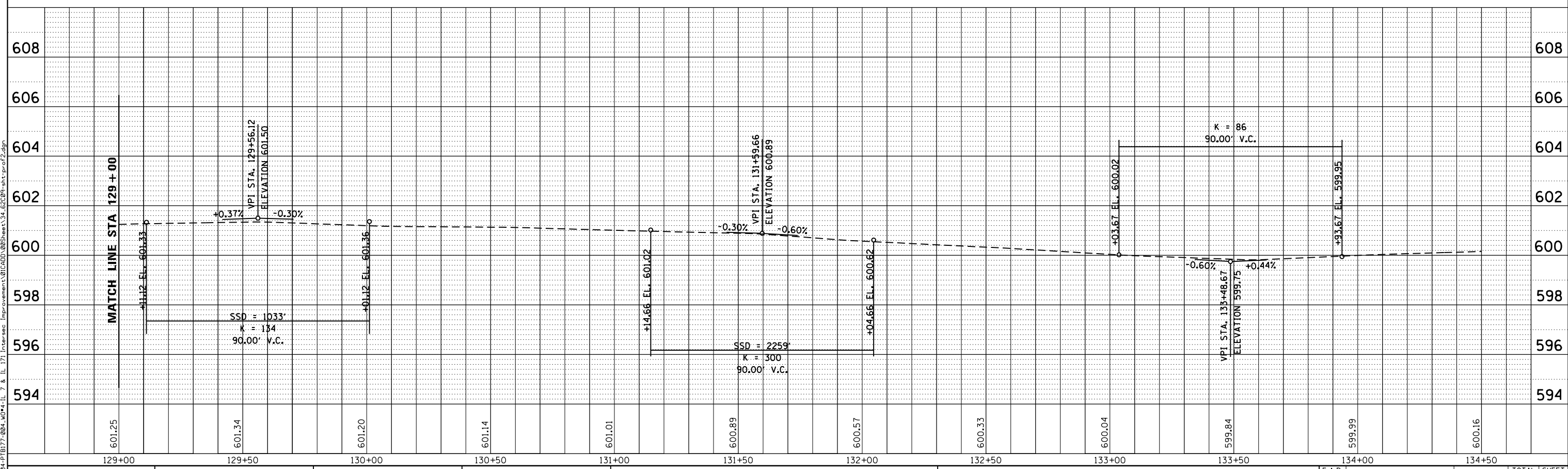
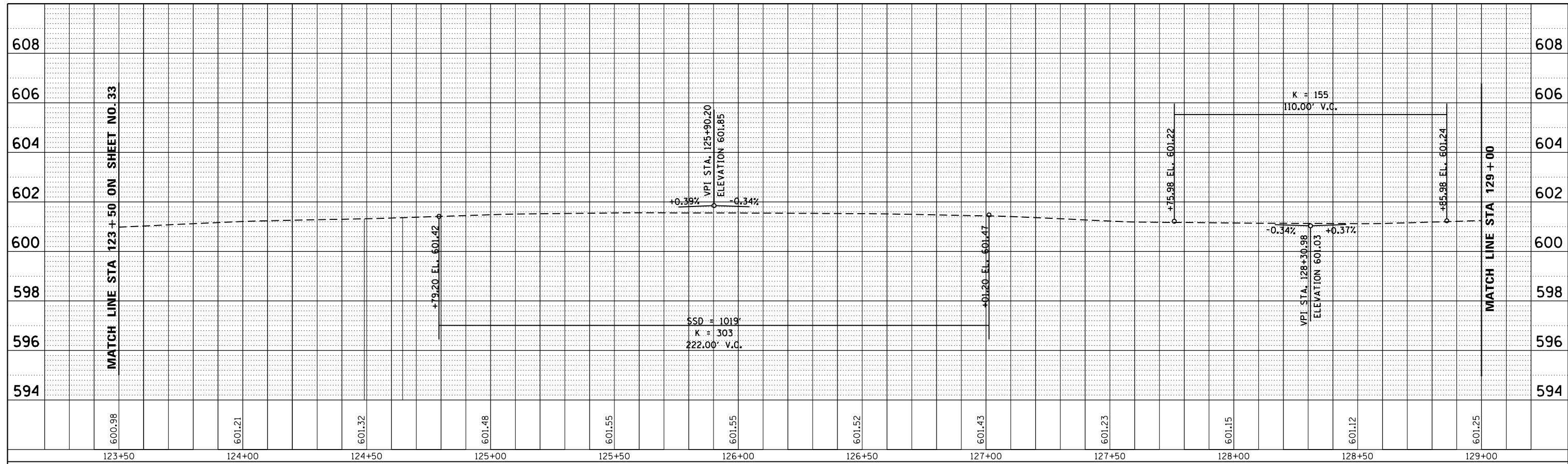
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DRAWN - TOM	CHECKED - JA	REVISED -
PLOT SCALE = 40.0000' / in.	DATE - 3/20/2017	REVISED -
PLOT DATE = 5/11/2017		

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**IL 171 (STATE ST.) & IL 7 (9TH ST.) IMPROVEMENTS
 IL 171 (STATE ST.) ROADWAY PROFILE 1 OF 2**

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
577	D-EXT-N	WILL	140	33
CONTRACT NO. 62C09			ILLINOIS FED. AID PROJECT	

SCALE SHEET OF SHEETS STA. TO STA.



AES Services, Inc.
 111 S. Wacker Drive, Suite 3910
 Chicago, IL 60606
 Ph: 312-235-6783

USER NAME = tmoahmed	DESIGNED - AWM	REVISED -
PLOT SCALE = 48.0000' / in.	DRAWN - TOM	REVISED -
PLOT DATE = 5/11/2017	CHECKED - JA	REVISED -
	DATE - 3/20/2017	REVISED -

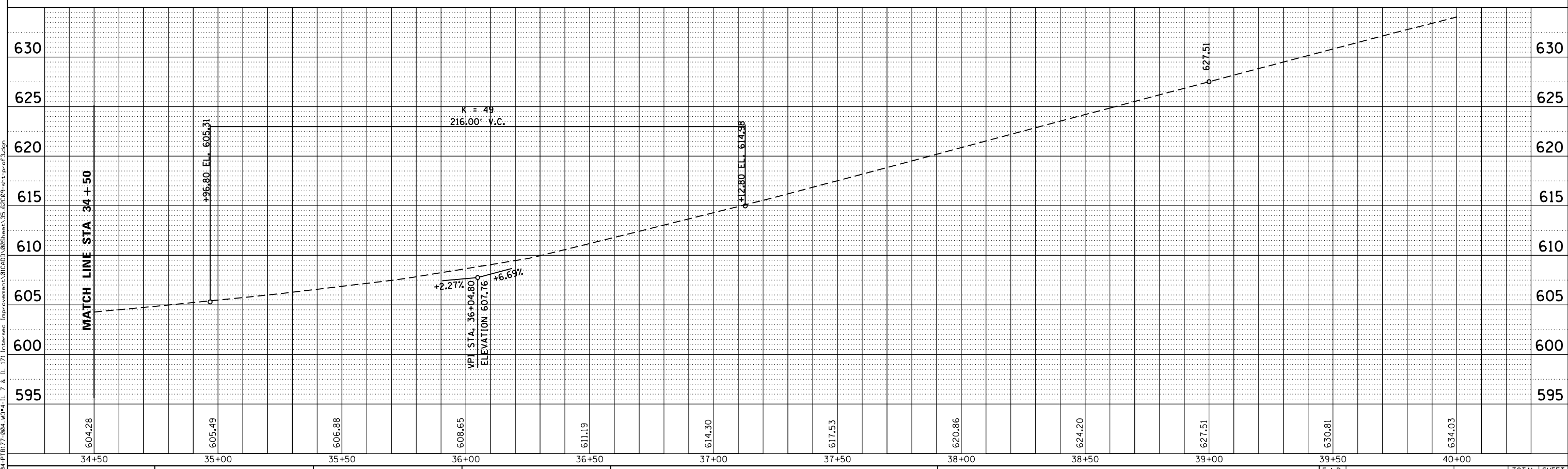
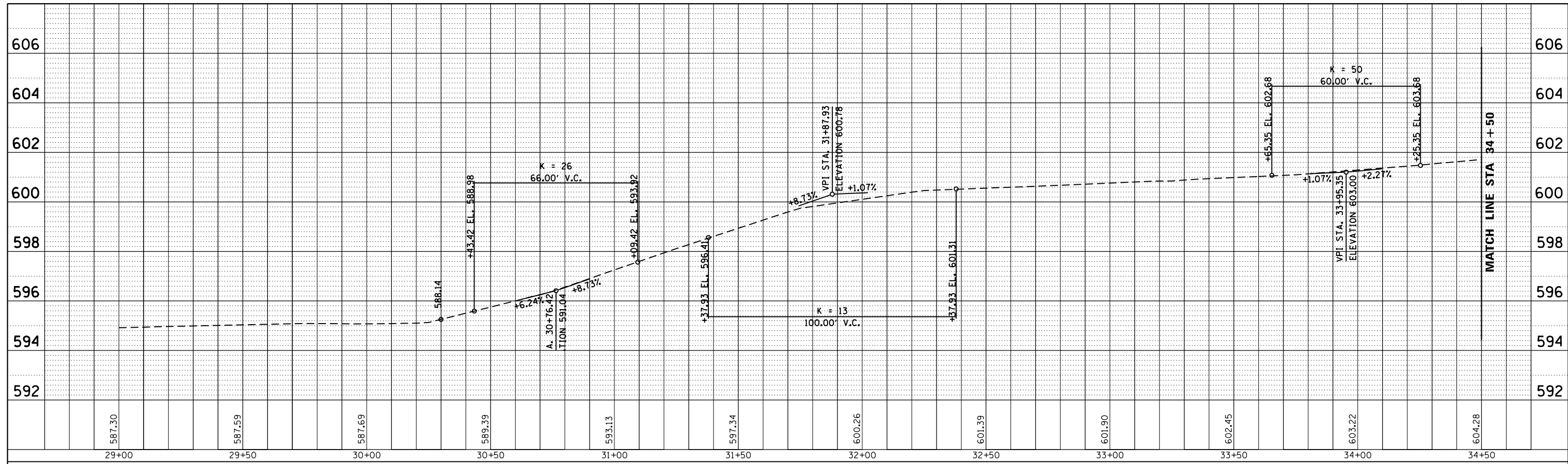
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

IL 171 (STATE ST.) & IL 7 (9TH ST.) IMPROVEMENTS
IL 171 (STATE ST.) ROADWAY PROFILE 2 OF 2

SCALE	SHEET	OF	SHEETS	STA.	TO	STA.
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F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
577	D-EXT-N	WILL	140	34
CONTRACT NO. 62C09				
ILLINOIS FED. AID PROJECT				

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AES Services, Inc.
 111 S. Wacker Drive, Suite 3910
 Chicago, IL 60606
 Ph: 312-235-6783

USER NAME	= tmohammed
PLOT SCALE	= 40.0000' / in.
PLOT DATE	= 5/11/2017

DESIGNED	- AWM	REVISED	-
DRAWN	- TOM	REVISED	-
CHECKED	- JA	REVISED	-
DATE	- 3/20/2017	REVISED	-

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**IL 171 (STATE ST.) & IL 7 (9TH ST.) IMPROVEMENTS
 IL 7 (9TH ST.) ROADWAY PROFILE**

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
577	D-EXT-N	WILL	140	35
CONTRACT NO. 62C09				
ILLINOIS FED. AID PROJECT				

GENERAL NOTES

1. THE CONTRACTOR SHALL MAINTAIN A MINIMUM 22' CLEAR WIDTH ROADWAY FOR TWO-WAY TRAFFIC FLOW AND A MINIMUM 11' WIDE LEFT TURN LANE AT LOCATIONS SHOWN THROUGHOUT THE DURATION OF THE CONTRACT. INGRESS AND EGRESS TO DRIVEWAYS AND SIDE STREETS SHALL BE MAINTAINED AS SHOWN ON THE PLANS AND/OR AS DIRECTED BY THE ENGINEER.
2. THE CONTRACTOR SHALL MAINTAIN TRAFFIC IN ACCORDANCE WITH THE SPECIAL PROVISIONS, STATE STANDARDS, STANDARD SPECIFICATIONS AND AS DIRECTED BY THE ENGINEER.
3. THE ENGINEER SHALL BE INFORMED 48 HOURS IN ADVANCE OF BETWEEN STAGE I AND II.
4. TYPE II BARRICADES/DRUMS AND VERTICAL PANELS SHALL BE EQUIPPED WITH MONO DIRECTIONAL STEADY BURN LIGHTS AND SHALL BE PLACED ALONG THE PROPOSED WORK ZONE AND WITHIN TAPER SECTIONS AS INDICATED ON THE PLANS OR AS DIRECTED BY THE ENGINEER. TYPE II BARRICADES/DRUMS SHALL HAVE A MINIMUM OF 270 SQUARE INCHES OF REFLECTORIZED AREA. TYPE II BARRICADES, 2 FEET IN WIDTH, SHALL BE UTILIZED DURING ALL STAGES OF TRAFFIC CONTROL UNLESS OTHERWISE INDICATED.
5. THE CONTRACTOR SHALL BE REQUIRED TO REMOVE ALL EXISTING PAVEMENT MARKINGS WHICH CONFLICT WITH THE DESIGNATED TRAFFIC CONTROL PLAN. THIS WORK SHALL BE PAID FOR AS PAVEMENT MARKING REMOVAL.
6. THE FURNISHING, INSTALLING AND RELOCATION OF ALL TRAFFIC SIGNS SHALL BE IN ACCORDANCE WITH THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES AND THE IDOT STANDARD SPECIFICATIONS ALL CONFLICTING EXISTING TRAFFIC SIGNS SHALL BE COVERED AS DIRECTED BY THE ENGINEER.
7. ALL ACCESS SHALL BE MAINTAINED TO THE RESIDENTIAL APARTMENTS AND BUSINESS UNITS AND DRIVEWAYS AT ALL TIMES. SEE VAULT CONSTRUCTION NOTES ON SHT 103 & 104.
8. ON STREET PARKING SHALL BE PROHIBITED BETWEEN 8TH AND 10TH STREET ON IL 171 DURING STAGE I AND STAGE II CONSTRUCTION.
9. THE ITEM TRAFFIC CONTROL AND PROTECTION (SPECIAL) SHALL INCLUDE ALL TRAFFIC CONTROL NECESSARY FOR ALL STAGES OF CONSTRUCTION.
10. PAVEMENT MARKINGS PLACED IN THE WORK ZONE BY THE CONTRACTOR WHICH LATER CONFLICT WITH THE DESIGNATED TRAFFIC CONTROL PLAN SHALL BE REMOVED. THIS WORK SHALL BE PAID AS "TEMPORARY PAVEMENT MARKING REMOVAL".
11. THE CONTRACTOR SHALL INSTALL AND MAINTAIN TEMPORARY AND PROPOSED DRAINAGE SYSTEMS AND EROSION CONTROL THROUGHOUT STAGE CONSTRUCTION DURING THE DURATION OF THE PROJECT.
12. THE CONTRACTOR SHALL USE TEMPORARY PAVEMENT MARKING ON SURFACES TO BE REMOVED AND IN AREAS THAT DO NOT CONFLICT WITH OTHER STAGES.
13. ELEVATION DIFFERENCE FOR ALL ACCESS POINT BETWEEN THE TEMPORARY PAVEMENT AND ACCESS SHALL BE FILLED WITH HOT-MIX ASPHALT BINDER COURSE, IL-19.0, NSO. SUFFICIENT QUANTITY IS ADDED FOR THIS SITUATION
14. A MINIMUM OF ONE, 11' THROUGH LANE IN EACH DIRECTION SHALL BE MAINTAINED ALONG IL 171 (STATE ST) AND IL 7 (9TH ST).
15. IN AREAS OF EXISTING PAVEMENT, DRIVING OF VERTICAL PANELS THROUGH EXISTING PAVEMENT IS INCIDENTAL.
16. THE CONTRACTOR SHALL CONTACT THE TRAFFIC CONTROL SUPERVISOR AT (847)705-4470 A MINIMUM OF 72 HOURS PRIOR TO THE PLACEMENT OF ANY TEMPORARY TRAFFIC CONTROL DEVICES.
17. WHEN A GRADE CROSSING EXISTS EITHER WITHIN OR IN THE VICINITY OF A TEMPORARY TRAFFIC CONTROL ZONE, LANE RESTRICTIONS, FLAGGING (SEE CHAPTER 6E OF MUTCD, 2009), OR OTHER OPERATIONS SHALL NOT BE PERFORMED IN A MANNER THAT WOULD CAUSE HIGHWAY VEHICLES TO STOP ON THE RAILROAD OR LRT TRACKS, UNLESS A FAGER OR UNIFORMED LAW ENFORCEMENT OFFICER IS PROVIDED AT THE GRADE CROSSING TO MINIMIZE THE POSSIBILITY OF HIGHWAY VEHICLES STOPPING ON THE TRACKS, EVEN IF AUTOMATIC WARNING DEVICES ARE IN PLACE.

M.O.T STAGES CONSTRUCTION FOR ROADWAY ONLY

STAGES	CONSTRUCTION ACTIVITY	TRAFFIC PATTERN
PRESTAGE	ON STREET PARKING TO BE PROHIBITED BETWEEN 8TH AND 10TH STREET ON IL 171. ALL CONFLICTING EXISTING PAVEMENT MARKING SHALL BE REMOVED AND TEMPORARY PAVEMENT MARKING ARE PLACED ACCORDING TO PLAN SHEETS. ALL CONFLICTING EXISTING TRAFFIC SIGNS SHALL BE COVERED OR REMOVED AS DIRECTED BY THE ENGINEER. ALL ACCESS SHALL BE MAINTAINED TO THE RESIDENTIAL APARTMENTS AND BUSINESS UNITS AT ALL TIMES. INSTALL TEMPORARY SIGNS, TEMPORARY LIGHTING AND TEMPORARY TRAFFIC SIGNALS FOR STAGE I AND TEMPORARY CONSTRUCTION FENCE AT LOCATIONS.	EXISTING IL 171 ROAD AND NO SIDE PARKING.
STAGE I	IL 171 FROM 123+47.00 TO STA. 132+50.00 WEST SIDE OF IL 171 FILL THE VAULTED SIDEWALKS, CONSTRUCT WATERMAIN, REPLACE THE SIDEWALKS, AND CONSTRUCT THE NEW 8' WIDE PARKING LANE WITH THE CURB AND GUTTER. COORDINATE WITH CITY OF LOCKPORT FOR EXISTING DECORATIVE LIGHT POLE REMOVAL BY THE CITY OF LOCKPORT. INSTALL TEMPORARY SIGNS FOR STAGE II.	EXISTING IL 171 ROAD AND SIDE PARKING. FOLLOW TEMPORARY PAVEMENT MARKING PATTERN AS SHOWN M.O.T PLAN SHEET 39.
STAGE II	IL 171 FROM 123+47.00 TO STA. 132+50.00 EAST SIDE OF IL 171 FILL THE VAULTED SIDEWALKS, CONSTRUCT WATERMAIN, REPLACE THE SIDEWALKS, AND CONSTRUCT THE NEW 8' WIDE PARKING LANE WITH THE CURB AND GUTTER. COORDINATE WITH CITY OF LOCKPORT FOR EXISTING DECORATIVE LIGHT POLE REMOVAL BY THE CITY OF LOCKPORT.	EXISTING IL 171 ROAD AND SIDE PARKING FOLLOW TEMPORARY PAVEMENT MARKING PATTERN AS SHOWN M.O.T PLAN SHEET 41.
STAGE III	IL 171 FROM 123+47.00 TO STA. 132+50.00 RESURFACING COORDINATE DECORATIVE LIGHT POLES INSTALLATION WITH CITY OF LOCKPORT REMOVE TEMPORARY LIGHTING REMOVE TEMPORARY TRAFFIC SIGNALS	

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Chicago, IL 60606
Ph: 312-235-6783

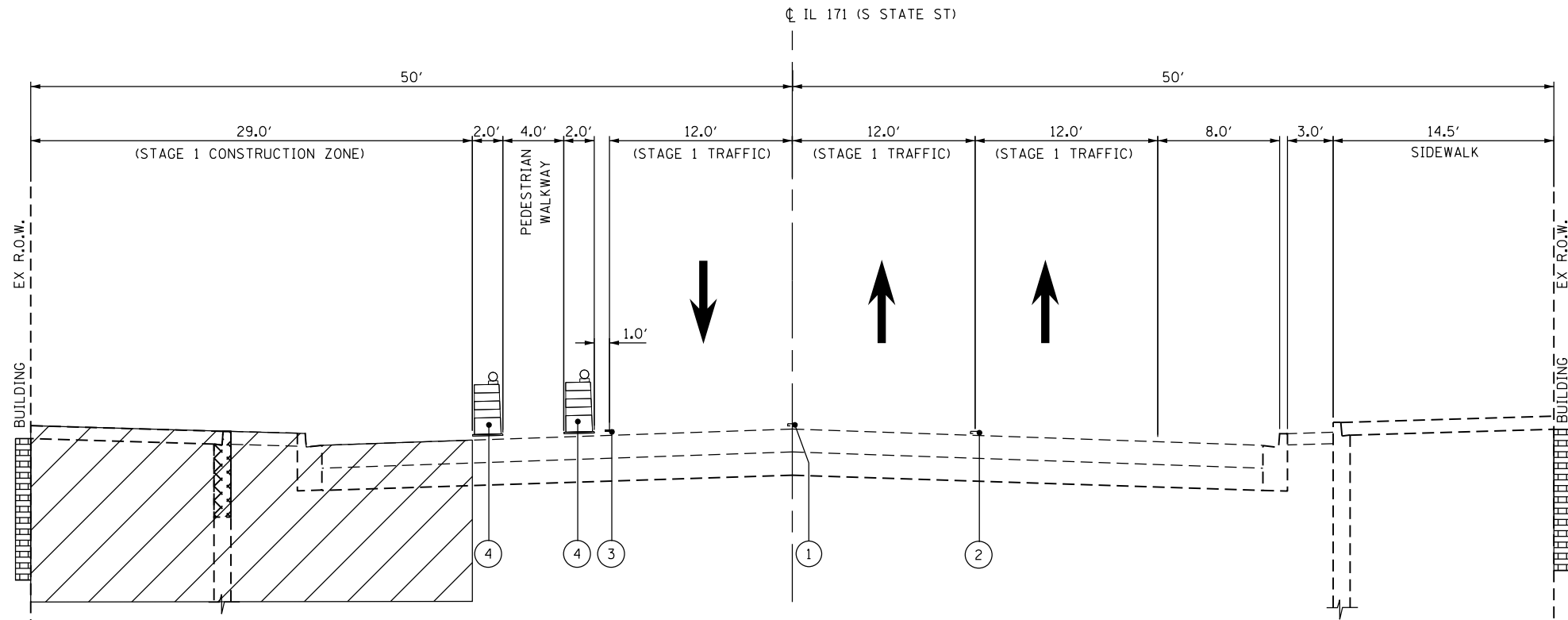
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	DRAWN - TOM	REVISED -
PLOT SCALE = 10.0000' / in.	CHECKED - JA	REVISED -
PLOT DATE = 5/11/2017	DATE - 3/20/2017	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**IL 171 (STATE ST.) & IL 7 (9TH ST.) IMPROVEMENTS
IL - 171 SUGGESTED MOT GENERAL NOTES**

SCALE SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
577	D-EXT-N	WILL	140	36
CONTRACT NO. 62C09			ILLINOIS FED. AID PROJECT	



MAINTENANCE OF TRAFFIC STAGE I

SOUTH OF IL 7 – LOOKING NORTH

FROM STA. 124+40 TO STA. 127+65
 FROM STA. 128+50 TO STA. 131+65

LEGEND

- ① EXISTING PAVEMENT MARKING (DOUBLE YELLOW LINE)
- ② EXISTING PAVEMENT MARKING (DASH LINE)
- ③ TEMPORARY PAVEMENT MARKING LINE - 4" (SOLID, WHITE)
- ④ TYPE II BARRICADE/DRUMS (SEE PLANS FOR LOCATION AND SPACING)

NOTES

1. INSTALL TEMPORARY CONSTRUCTION FENCE WITH SCREEN AT VAULTED SIDEWALK LOCATION TO BE FILLED PRIOR TO CONSTRUCTION.

H:\606162005\04-PTB177-004.dwg & IL 171 Intersect Improvements\01\CADD\08\Sheets\37_62C09-Int-MOT-Stage1.dgn

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 111 S. Wacker Drive, Suite 3910
 Chicago, IL 60606
 Ph: 312-235-6783

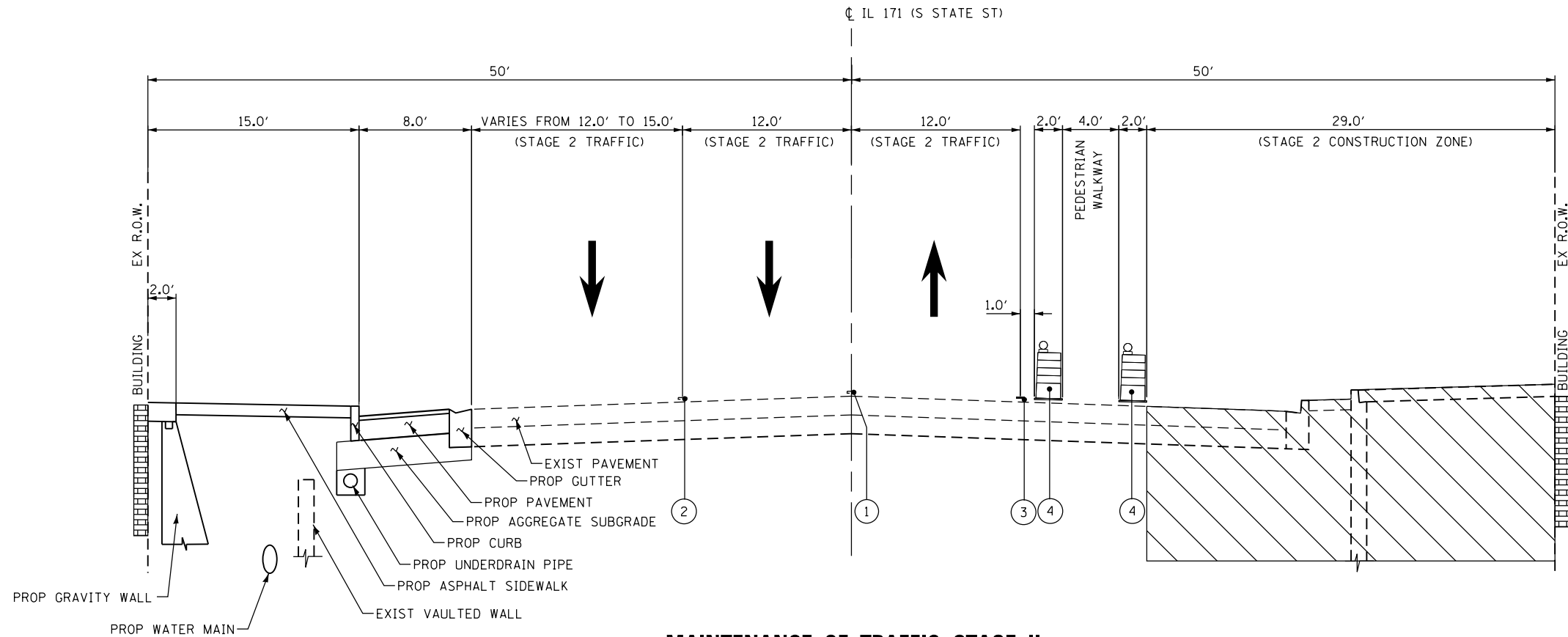
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DRAWN - TOM	REVISOR - _____	
PLOT SCALE = 10.0000' / 1" =	CHECKED - JA	REVISED - _____
PLOT DATE = 6/9/2017	DATE - 3/20/2017	REVISED - _____

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**IL 171 (STATE ST.) & IL 7 (9TH ST.) IMPROVEMENTS
 IL-171 SUGGESTED MOT STAGE 1 TYPICAL SECTION**

SCALE _____ SHEET _____ OF _____ SHEETS STA. _____ TO STA. _____

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
577	D-EXT-N	WILL	140	37
CONTRACT NO. 62C09			ILLINOIS FED. AID PROJECT	



MAINTENANCE OF TRAFFIC STAGE II

SOUTH OF IL 7 – LOOKING NORTH

FROM STA. 124+41 TO STA. 127+58
 FROM STA. 128+44 TO STA. 131+65

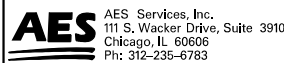
LEGEND

- ① EXISTING PAVEMENT MARKING (DOUBLE YELLOW LINE)
- ② TEMPORARY PAVEMENT MARKING LINE - 4" (10' DASH, 30' SKIP, WHITE) (TYP.)
- ③ TEMPORARY PAVEMENT MARKING LINE - 4" (SOLID, WHITE)
- ④ TYPE II BARRICADE/DRUMS (SEE PLANS FOR LOCATION AND SPACING)

NOTES

- 1. INSTALL TEMPORARY CONSTRUCTION FENCE WITH SCREEN AT VAULTED SIDEWALK LOCATION TO BE FILLED PRIOR TO CONSTRUCTION.

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USER NAME = Abdul Waheed	DESIGNED - AWM	REVISED - _____
	DRAWN - TOM	REVISED - _____
PLOT SCALE = 10.0000' / in.	CHECKED - JA	REVISED - _____
PLOT DATE = 6/9/2017	DATE - 3/20/2017	REVISED - _____

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

IL 171 (STATE ST.) & IL 7 (9TH ST.) IMPROVEMENTS	
IL-171 SUGGESTED MOT STAGE 2 TYPICAL SECTION	
SCALE _____	SHEET _____ OF _____ SHEETS
STA. _____ TO STA. _____	

F.A.P. RTE. 577	SECTION D-EXT-N	COUNTY WILL	TOTAL SHEETS 140	SHEET NO. 38
CONTRACT NO. 62C09				
ILLINOIS FED. AID PROJECT				



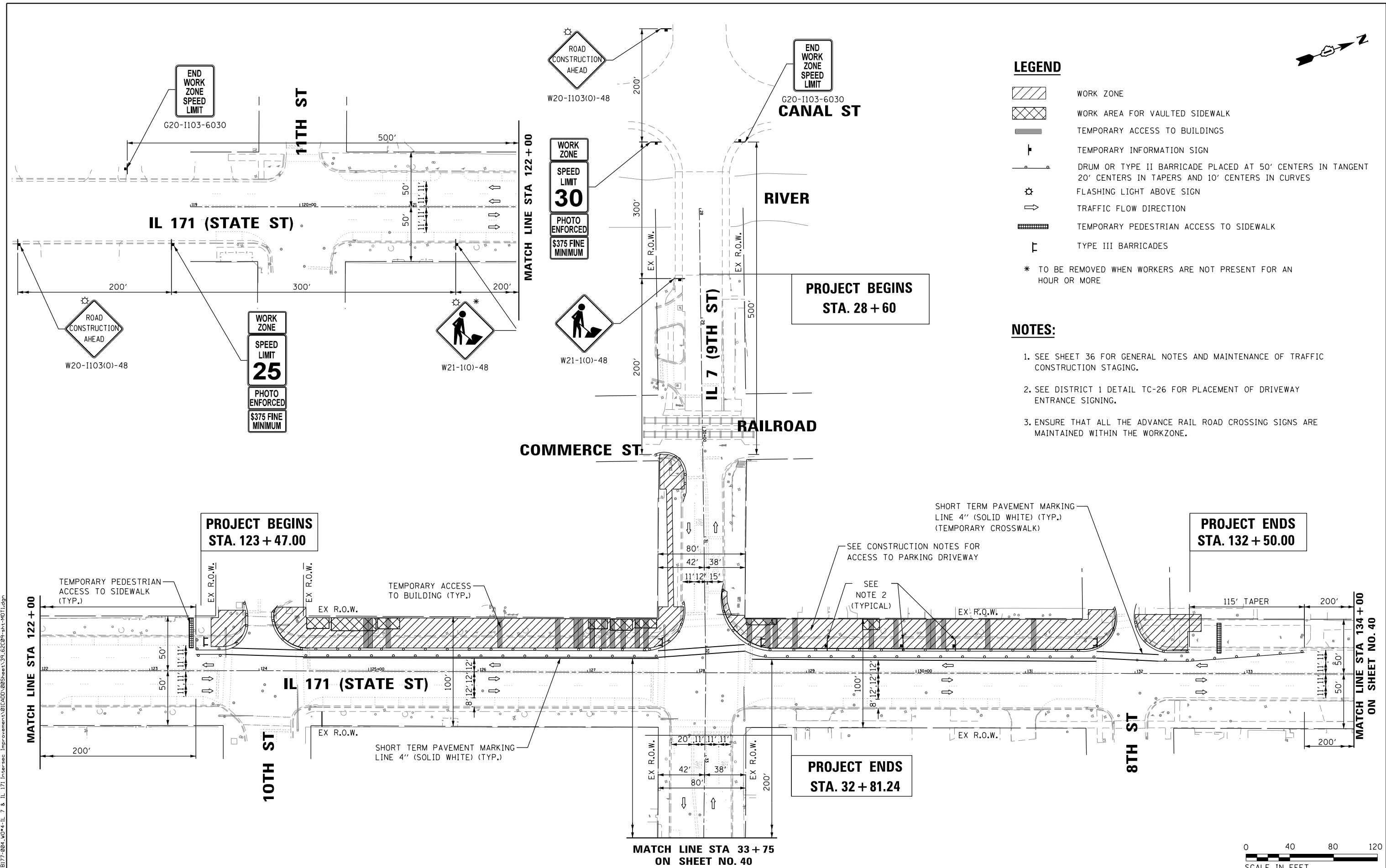
LEGEND

- WORK ZONE
- WORK AREA FOR VAULTED SIDEWALK
- TEMPORARY ACCESS TO BUILDINGS
- TEMPORARY INFORMATION SIGN
- DRUM OR TYPE II BARRICADE PLACED AT 50' CENTERS IN TANGENT 20' CENTERS IN TAPERS AND 10' CENTERS IN CURVES
- FLASHING LIGHT ABOVE SIGN
- TRAFFIC FLOW DIRECTION
- TEMPORARY PEDESTRIAN ACCESS TO SIDEWALK
- TYPE III BARRICADES

* TO BE REMOVED WHEN WORKERS ARE NOT PRESENT FOR AN HOUR OR MORE

NOTES:

1. SEE SHEET 36 FOR GENERAL NOTES AND MAINTENANCE OF TRAFFIC CONSTRUCTION STAGING.
2. SEE DISTRICT 1 DETAIL TC-26 FOR PLACEMENT OF DRIVEWAY ENTRANCE SIGNING.
3. ENSURE THAT ALL THE ADVANCE RAIL ROAD CROSSING SIGNS ARE MAINTAINED WITHIN THE WORKZONE.



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 111 S. Wacker Drive, Suite 3910
 Chicago, IL 60606
 Ph: 312-235-6783

USER NAME = Abdul Waheed	DESIGNED - AWM	REVISED -
DRAWN - TOM	REVISOR -	
PLOT SCALE = 80.0001' / in.	CHECKED - JA	REVISOR -
PLOT DATE = 6/9/2017	DATE - 3/20/2017	REVISOR -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

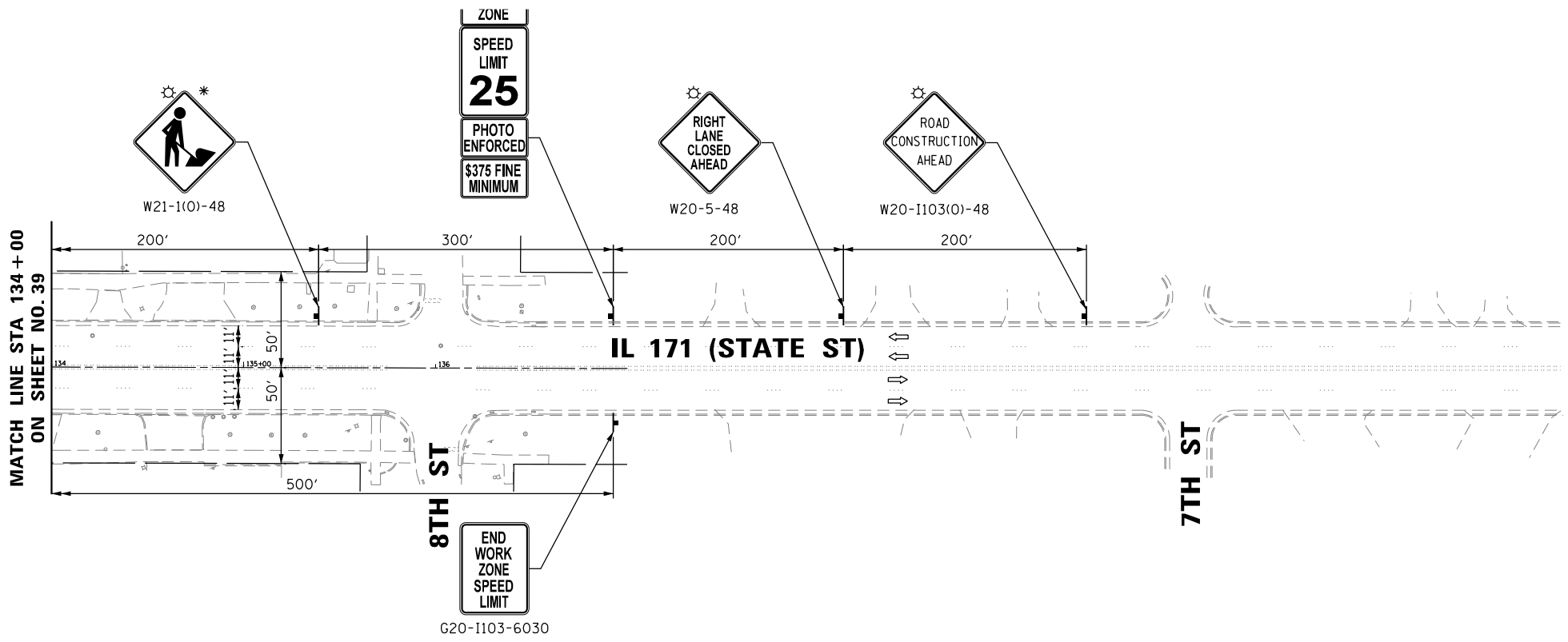
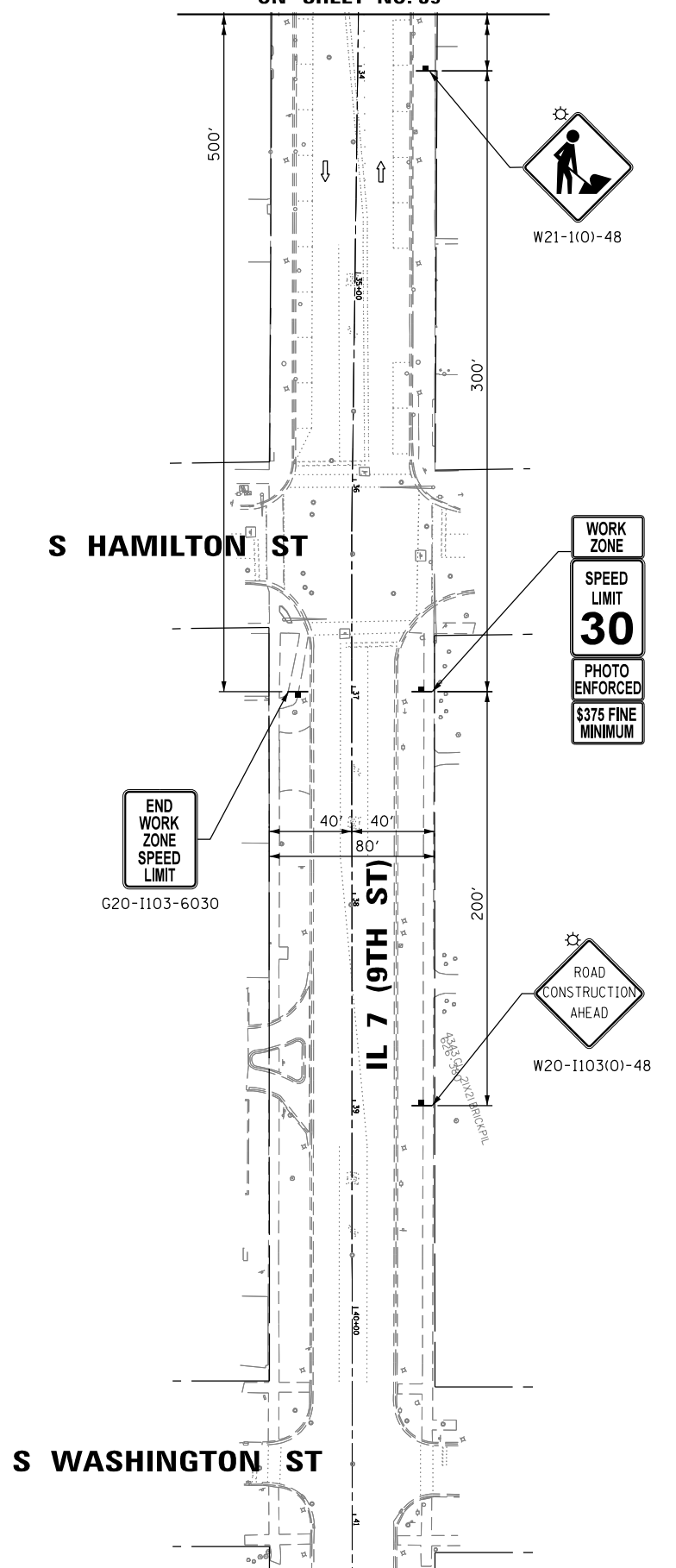
**IL 171 (STATE ST.) & IL 7 (9TH ST.) IMPROVEMENTS
 SUGGESTED MOT STAGE 1**

SCALE SHEET OF SHEETS STA. TO STA.

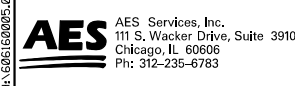
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
577	D-EXT-N	WILL	140	39
CONTRACT NO. 62C09				
ILLINOIS FED. AID PROJECT				



MATCH LINE STA 33+75
ON SHEET NO. 39



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USER NAME = Abdul Waheed	DESIGNED - AWM	REVISED -
DRAWN - TOM	REVISIONS -	
PLOT SCALE = 80.0001' / in.	CHECKED - JA	REVISIONS -
PLOT DATE = 6/9/2017	DATE - 3/20/2017	REVISIONS -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

IL 171 (STATE ST.) & IL 7 (9TH ST.) IMPROVEMENTS			
SUGGESTED MAINTENANCE OF TRAFFIC STAGE 1			
SCALE	SHEET	OF SHEETS	STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
577	D-EXT-N	WILL	140	40
CONTRACT NO. 62C09				
ILLINOIS FED. AID PROJECT				





LEGEND

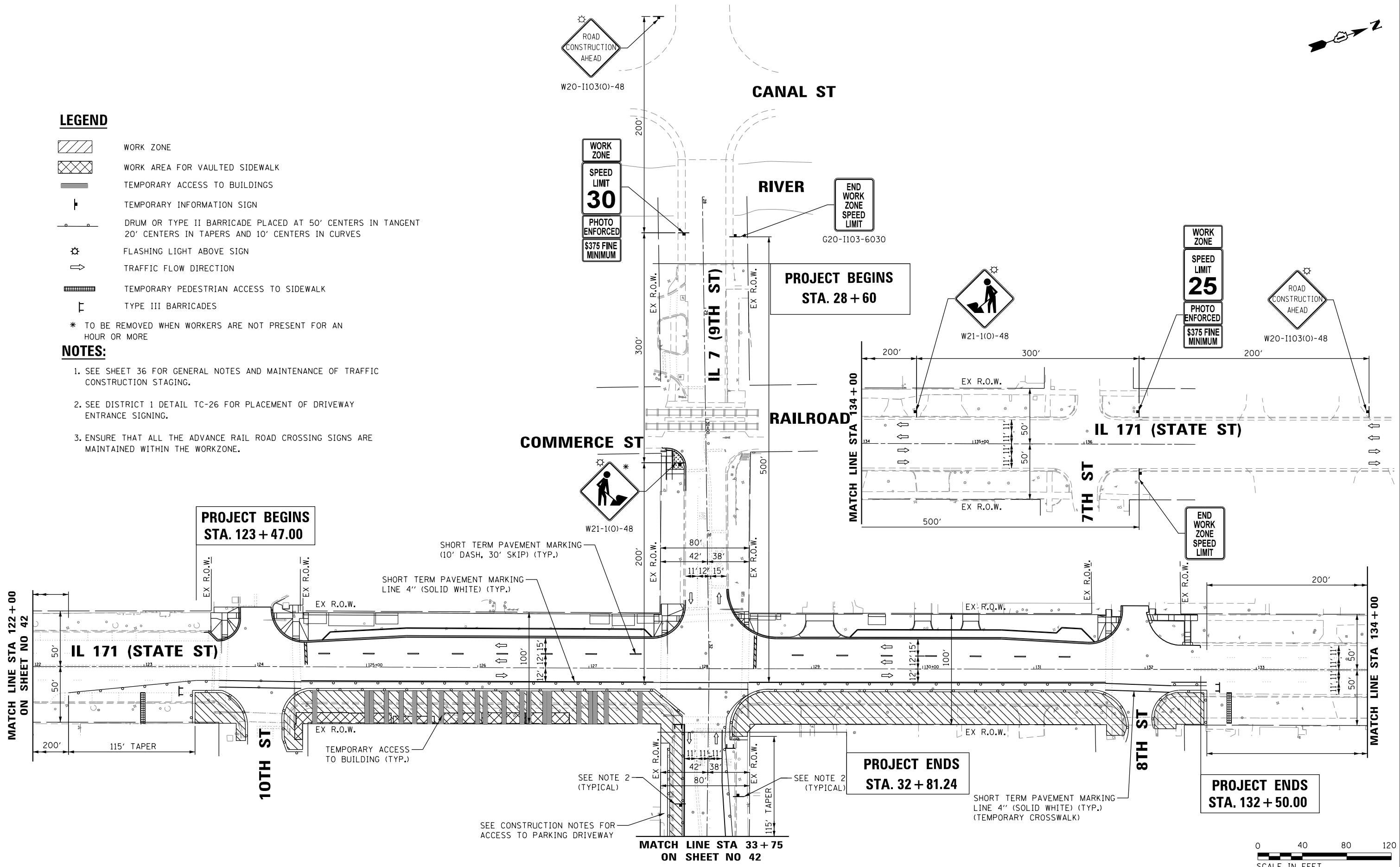
- WORK ZONE
- WORK AREA FOR VAULTED SIDEWALK
- TEMPORARY ACCESS TO BUILDINGS
- TEMPORARY INFORMATION SIGN
- DRUM OR TYPE II BARRICADE PLACED AT 50' CENTERS IN TANGENT
20' CENTERS IN TAPERS AND 10' CENTERS IN CURVES
- FLASHING LIGHT ABOVE SIGN
- TRAFFIC FLOW DIRECTION
- TEMPORARY PEDESTRIAN ACCESS TO SIDEWALK
- TYPE III BARRICADES

* TO BE REMOVED WHEN WORKERS ARE NOT PRESENT FOR AN HOUR OR MORE

NOTES:

1. SEE SHEET 36 FOR GENERAL NOTES AND MAINTENANCE OF TRAFFIC CONSTRUCTION STAGING.
2. SEE DISTRICT 1 DETAIL TC-26 FOR PLACEMENT OF DRIVEWAY ENTRANCE SIGNING.
3. ENSURE THAT ALL THE ADVANCE RAIL ROAD CROSSING SIGNS ARE MAINTAINED WITHIN THE WORKZONE.

H:\606162005\04-PTB177-004_WD4-IL-7 & IL-171 Intersect Improvements\01\CADD\08\Sheets\11622E09-att1-WD12.dgn



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USER NAME = Abdul Waheed	DESIGNED - AWM	REVISED -
DRAWN - TOM	REVISOR -	REVISION -
PLOT SCALE = 80.0001' / in.	CHECKED - JA	REVISOR -
PLOT DATE = 6/9/2017	DATE - 3/20/2017	REVISION -

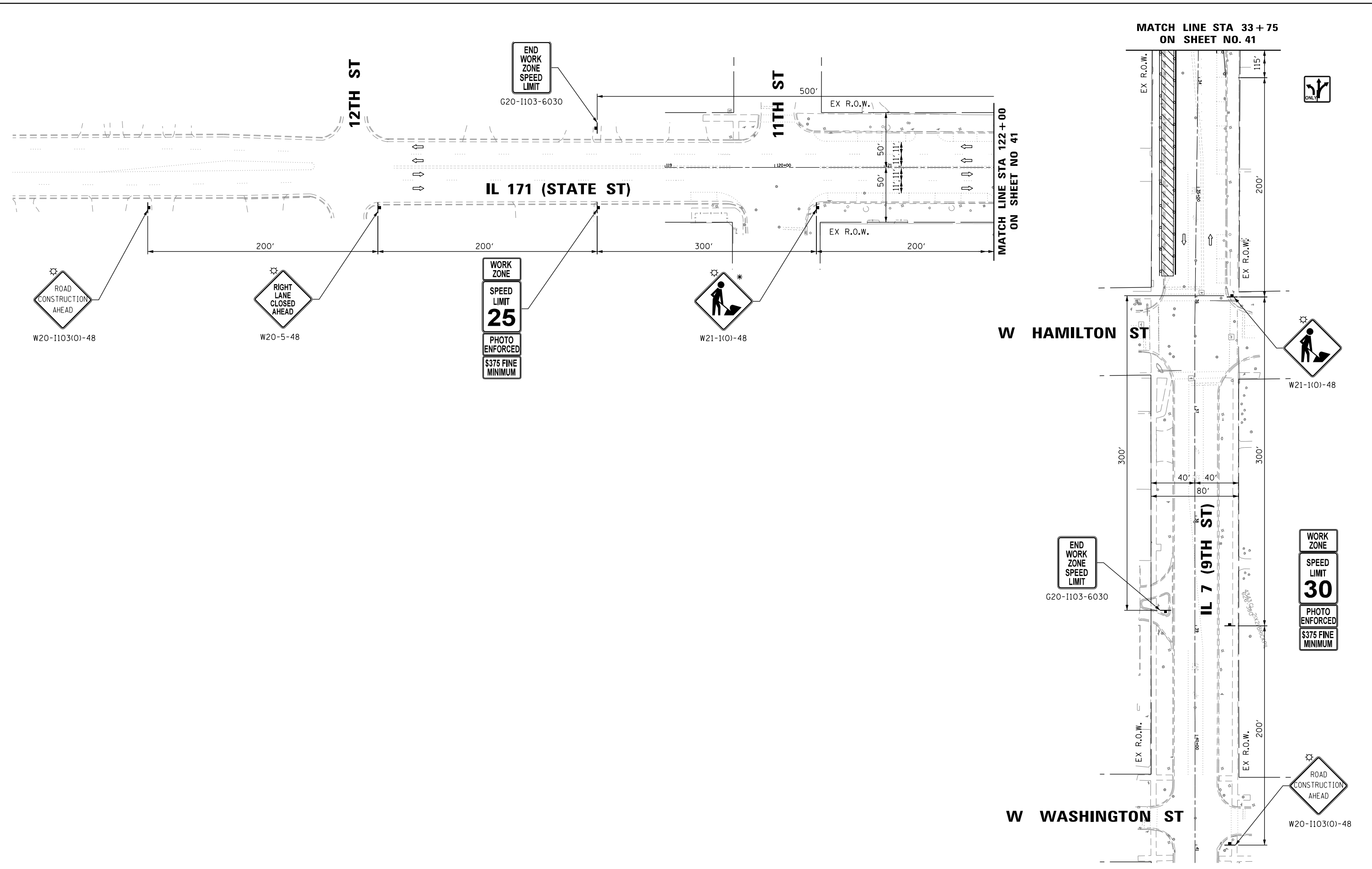
**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**IL 171 (STATE ST.) & IL 7 (9TH ST.) IMPROVEMENTS
 SUGGESTED MOT STAGE 2**

SCALE SHEET OF SHEETS STA. TO STA.

F.A.P. RTE. 577	SECTION D-EXT-N	COUNTY WILL	TOTAL SHEETS 140	SHEET NO. 41
CONTRACT NO. 62C09				
ILLINOIS FED. AID PROJECT				

H:\606162005\04-PTB177-004.dwg & IL 171 Intersect Improvements\01C00D\08Sheets\42_62C09-ah1-MOT2.dgn



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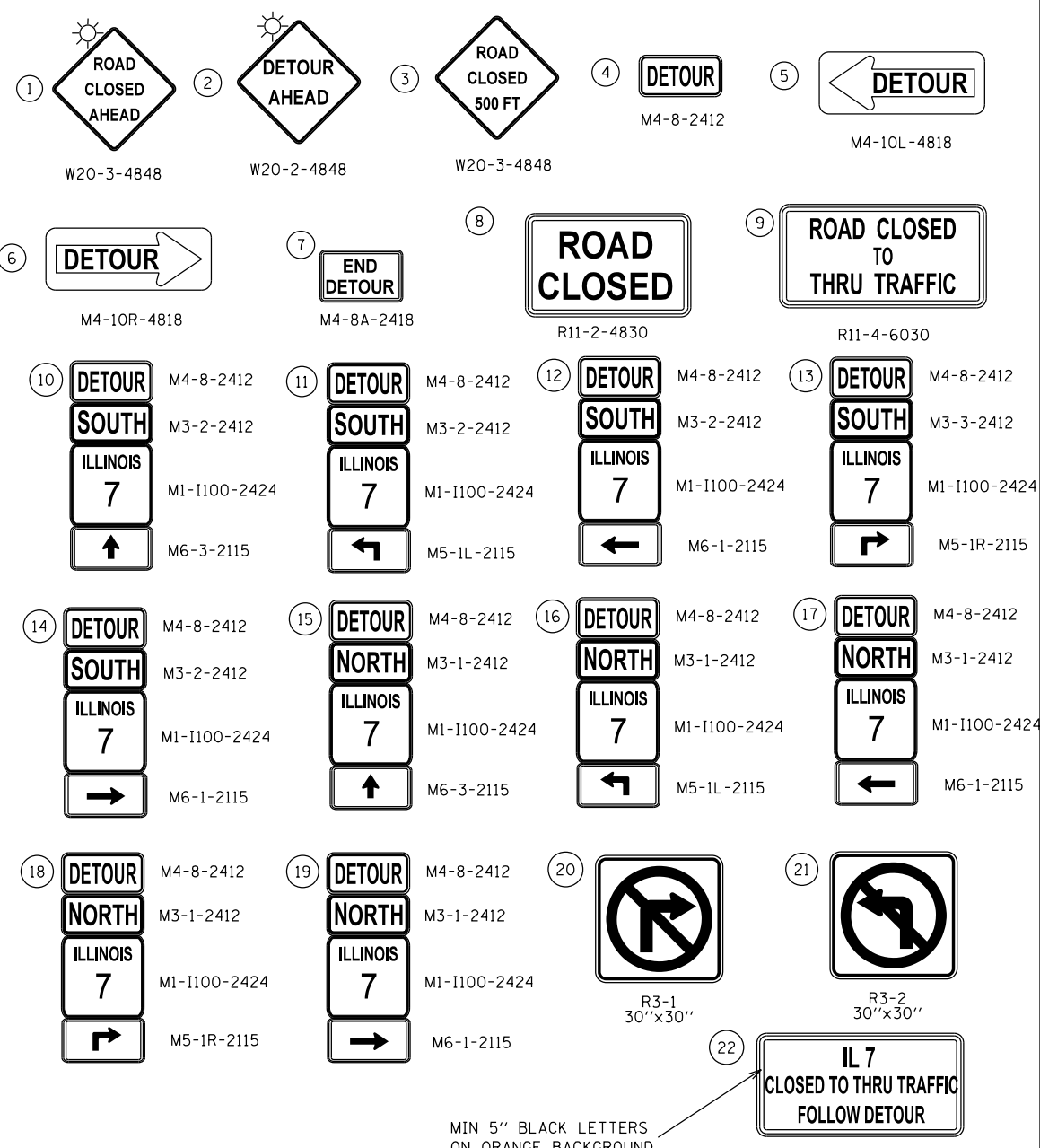
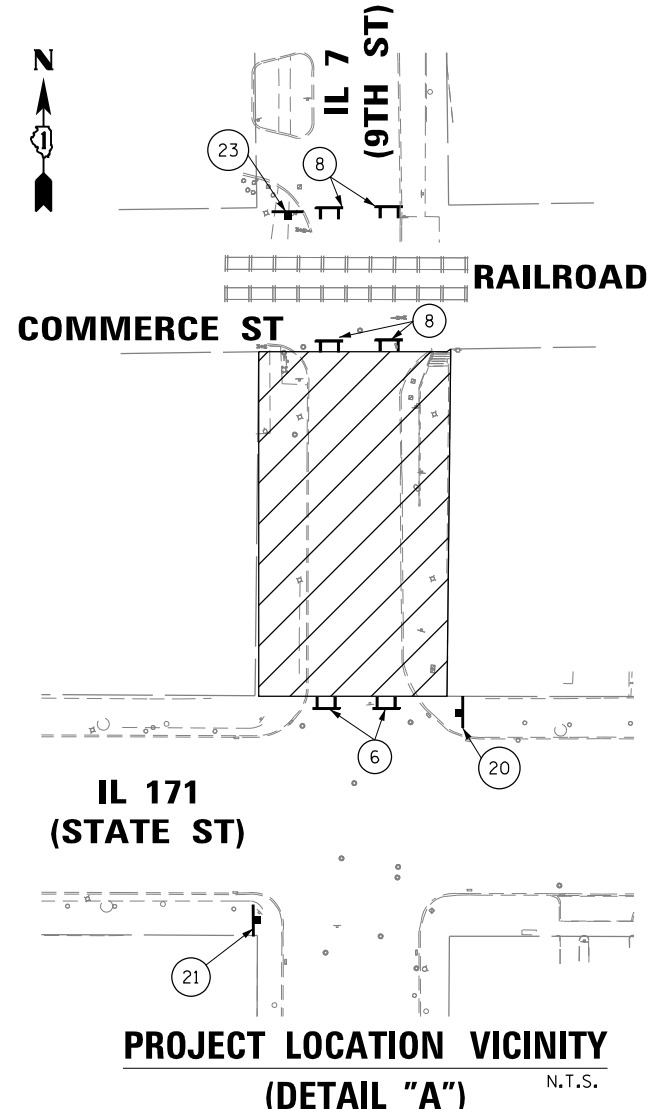
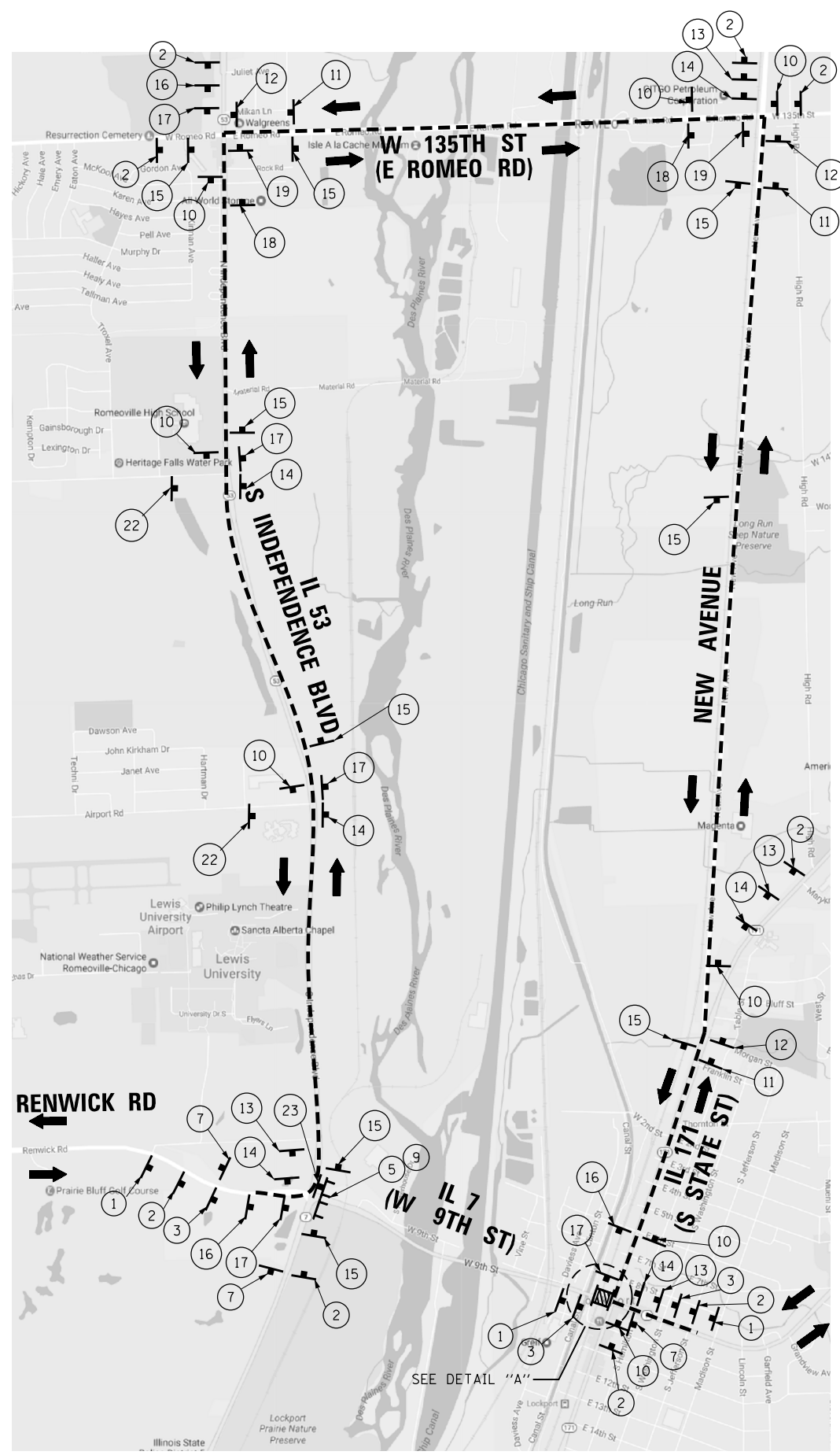
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

IL 171 (STATE ST.) & IL 7 (9TH ST.) IMPROVEMENTS
SUGGESTED MOT STAGE 2

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
577	D-EXT-N	WILL	140	42
CONTRACT NO. 62C09				
ILLINOIS FED. AID PROJECT				

SCALE	SHEET	OF	SHEETS	STA.	TO	STA.
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- NOTES:**
- ALL TRAFFIC CONTROL DEVICES SHALL BE FURNISHED ERECTED AND MAINTAINED BY THE CONTRACTOR.
 - ALL SIGNS NOT ATTACHED TO BARRICADES SHALL BE POST MOUNTED, UNLESS OTHERWISE NOTED.
 - LOCATIONS OF TRAFFIC CONTROL DEVICES MAY BE ADJUSTED BY THE ENGINEER.
 - TRAFFIC CONTROL SHALL BE IN ACCORDANCE WITH THE STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION. THE MANUAL FOR UNIFORM TRAFFIC CONTROL DEVICES, THE HIGHWAY STANDARDS AND SPECIAL PROVISIONS.
 - PLACEMENT AND SPACING OF SIGNS AND BARRICADES SHALL BE IN ACCORDANCE WITH TC-21
 - THE COST OF SUPPLYING, ERECTION AND MAINTAINING BARRICADES, WARNING LIGHTS AND ALL SIGNS, INCLUDING SIGN PANEL OVERLAYS SHALL BE INCLUDED IN THE CONTRACT COST OF TRAFFIC CONTROL AND PROTECTION (SPECIAL)
 - DETOUR SHALL BE IN PLACE FROM FRIDAY 10:00PM TO MONDAY 5:00AM ONLY AND THE EXACT DATES SHALL BE COORDINATED WITH THE ENGINEER FOR THE WORK THAT WILL REQUIRE THE DETOUR
 - ANOTHER IDOT CONTRACT 61D71 WILL BE CONCURRENT WITH THIS CONTRACT. THE CONTRACTOR SHALL COVER THE CONFLICTING DETOUR SIGNS FROM CONTRACT 61D71 DURING DETOUR OF IL 7 AND SHALL COORDINATE WITH CONTRACT 61D71
 - THE CONTRACTOR SHALL NOTIFY IDOT AND CITY OF LOCKPORT (815-838-0549) 10 DAYS IN ADVANCE OF OPERATION OF THE DETOUR ROUTE
 - PRIOR TO CLOSURE AND DETOUR OF IL 7 THE ENGINEER AND CONTRACTOR SHALL NOTIFY CHEVRON ENVIRONMENTAL MANAGEMENT COMPANY CONTACT: SCOTT BICK AT 815-8380770 EXT 25
 - USE CHANGEABLE MESSAGE SIGNS TWO WEEKS IN ADVANCE OF LANE CLOSURES.

- LEGEND:**
- TYPE III BARRICADES CONFORMING TO STD. 701901 WITH 2 FLASHING LIGHTS PER BARRICADE
 - CONSTRUCTION ZONE
 - DETOUR ROUTE
 - TRAFFIC FLOW
 - TYPE A FLASHING LIGHT

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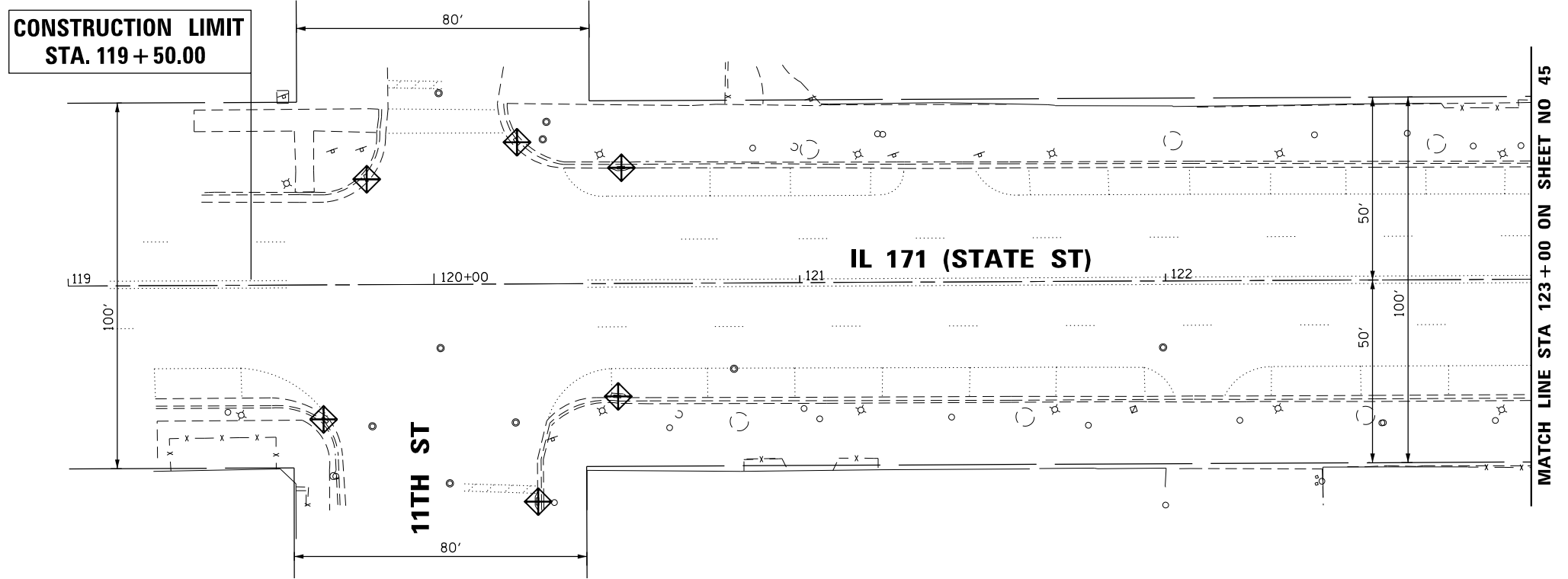
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DRAWN - TOM	REVISOR -	
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**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**IL 171 (STATE ST.) & IL 7 (9TH ST.) IMPROVEMENTS
 DETOUR PLAN**

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
577	D-EXT-N	WILL	140	43
CONTRACT NO. 62C09				
ILLINOIS FED. AID PROJECT				



LEGEND:
 - INLET FILTERS

NOTES:

1. ANY LOOSE MATERIAL DEPOSITED IN THE FLOW LINE OF CURB OR DRAINAGE STRUCTURES, WHICH OBSTRUCTS THE NATURAL FLOW OF WATER, SHALL BE REMOVED AT THE CLOSE OF EACH WORKING DAY. PRIOR TO ACCEPTANCE OF THE IMPROVEMENT, ALL DRAINAGE STRUCTURES SHALL BE FREE OF DIRT AND DEBRIS. THIS WORK WILL NOT BE PAID FOR SEPARATELY.
2. EXISTING DRAINAGE INLETS AND CATCH BASINS SHALL BE PROTECTED WITH INLET FILTERS. THE INLET FILTERS SHALL BE MAINTAINED UNTIL THE EXISTING STRUCTURE IS REMOVED.
3. DO NOT USE STRAW (OR HAY) BALES FOR INLET AND PIPE PROTECTION, UNLESS DETERMINED BY THE ENGINEER.
4. ANY AREA THAT WILL BE UNDISTURBED FOR MORE THAN 14 DAYS SHALL BE SEEDED WITH TEMPORARY EROSION CONTROL SEEDING WITHIN 1 DAY OF WORK COMPLETION.
5. THE TEMPORARY FENCE SERVES AS PROTECTION OF EXISTING TREES AND SHRUBS. ALL EXISTING TREES AND SHRUBS NOT DESIGNATED FOR REMOVAL SHALL REMAIN. AT NO TIME THE CONTRACTOR SHALL REMOVE ANY TREES UNLESS INDICATED IN THE PLANS AND SPECIFICALLY DIRECTED BY THE ENGINEER.
6. THE CONTRACTORS SHALL PROVIDE & MAINTAIN INLET PROTECTION AT ALL PROPOSED DRAINAGE STRUCTURES AND AT OTHER LOCATIONS DIRECTED BY THE ENGINEER AND/OR SHOWN ON THE PLANS. INLET PROTECTION SHALL BE PLACED BEFORE THE AREA INVOLVED HAS BEEN DISTURBED.
7. ALL EROSION CONTROL MEASURES SHALL BE IN ACCORDANCE WITH THE REQUIREMENTS OF THE STANDARD SPECIFICATIONS AND THE APPLICABLE STATE STANDARDS SPECIFICATIONS AND OF THE APPLICABLE STATE STANDARDS FOR THE ENTIRE DURATION OF THE CONTRACT OR UNTIL SUCH A TIME AS DIRECTED BY THE ENGINEER.



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USER NAME = tmohammed	DESIGNED - AWM	REVISED -
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PLOT DATE = 5/11/2017	DATE - 3/20/2017	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**IL 171 (STATE ST.) & IL 7 (9TH ST.) IMPROVEMENTS
 IL 171 - EROSION CONTROL PLAN**

SCALE SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
577	D-EXT-N	WILL	140	44
CONTRACT NO. 62C09				
ILLINOIS FED. AID PROJECT				

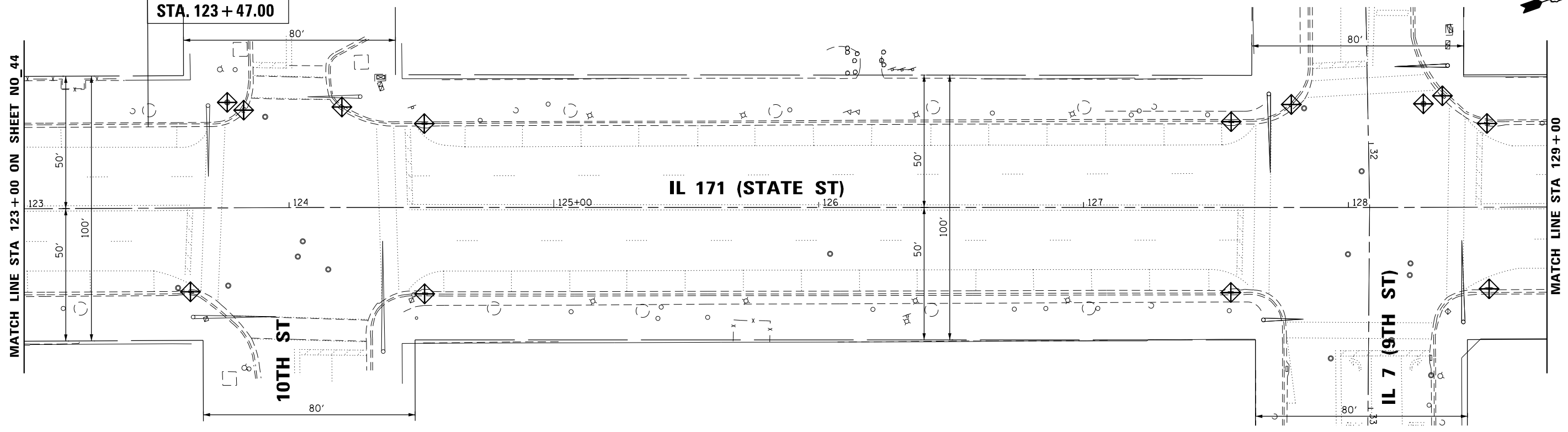


**PROJECT BEGINS
STA. 123 + 47.00**

**PROJECT ENDS
STA. 132 + 50**

MATCH LINE STA 123 + 00 ON SHEET NO 44

MATCH LINE STA 129 + 00



LEGEND:

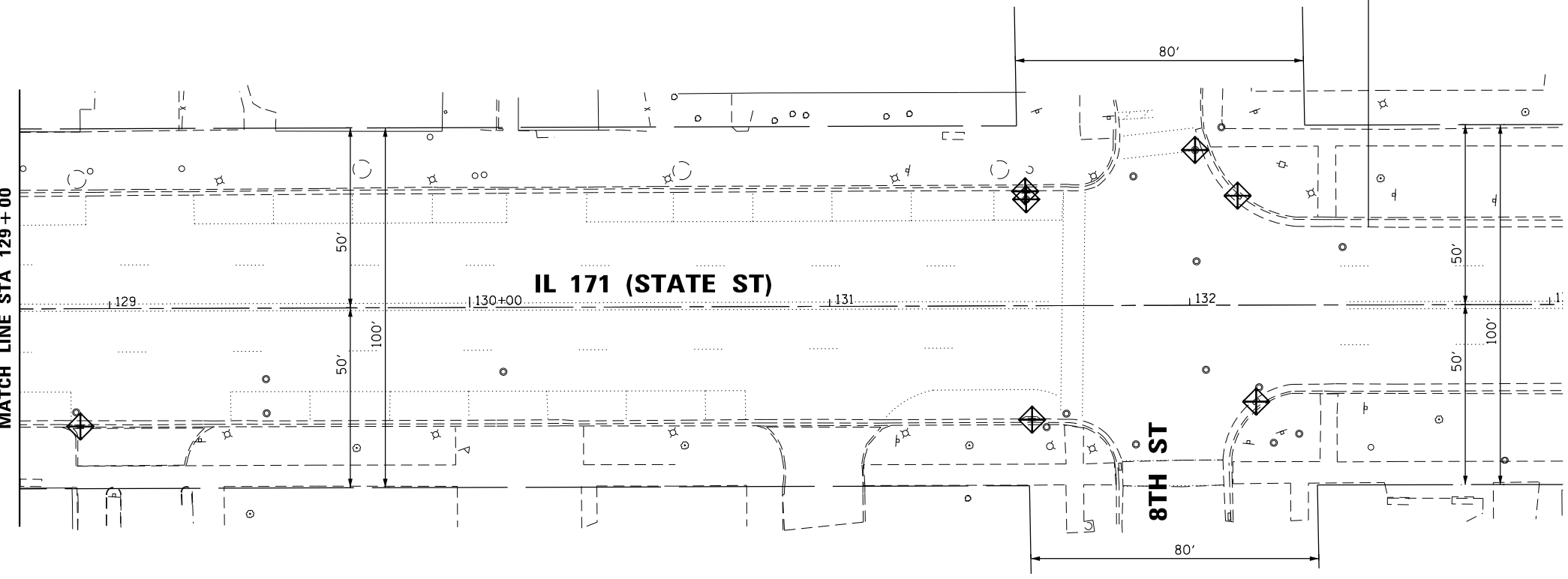
- INLET FILTERS



NOTES:

1. ANY LOOSE MATERIAL DEPOSITED IN THE FLOW LINE OF CURB OR DRAINAGE STRUCTURES, WHICH OBSTRUCTS THE NATURAL FLOW OF WATER, SHALL BE REMOVED AT THE CLOSE OF EACH WORKING DAY. PRIOR TO ACCEPTANCE OF THE IMPROVEMENT, ALL DRAINAGE STRUCTURES SHALL BE FREE OF DIRT AND DEBRIS. THIS WORK WILL NOT BE PAID FOR SEPARATELY.
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7. ALL EROSION CONTROL MEASURES SHALL BE IN ACCORDANCE WITH THE REQUIREMENTS OF THE STANDARD SPECIFICATIONS AND THE APPLICABLE STATE STANDARDS SPECIFICATIONS AND OF THE APPLICABLE STATE STANDARDS FOR THE ENTIRE DURATION OF THE CONTRACT OR UNTIL SUCH A TIME AS DIRECTED BY THE ENGINEER.

MATCH LINE STA 129 + 00



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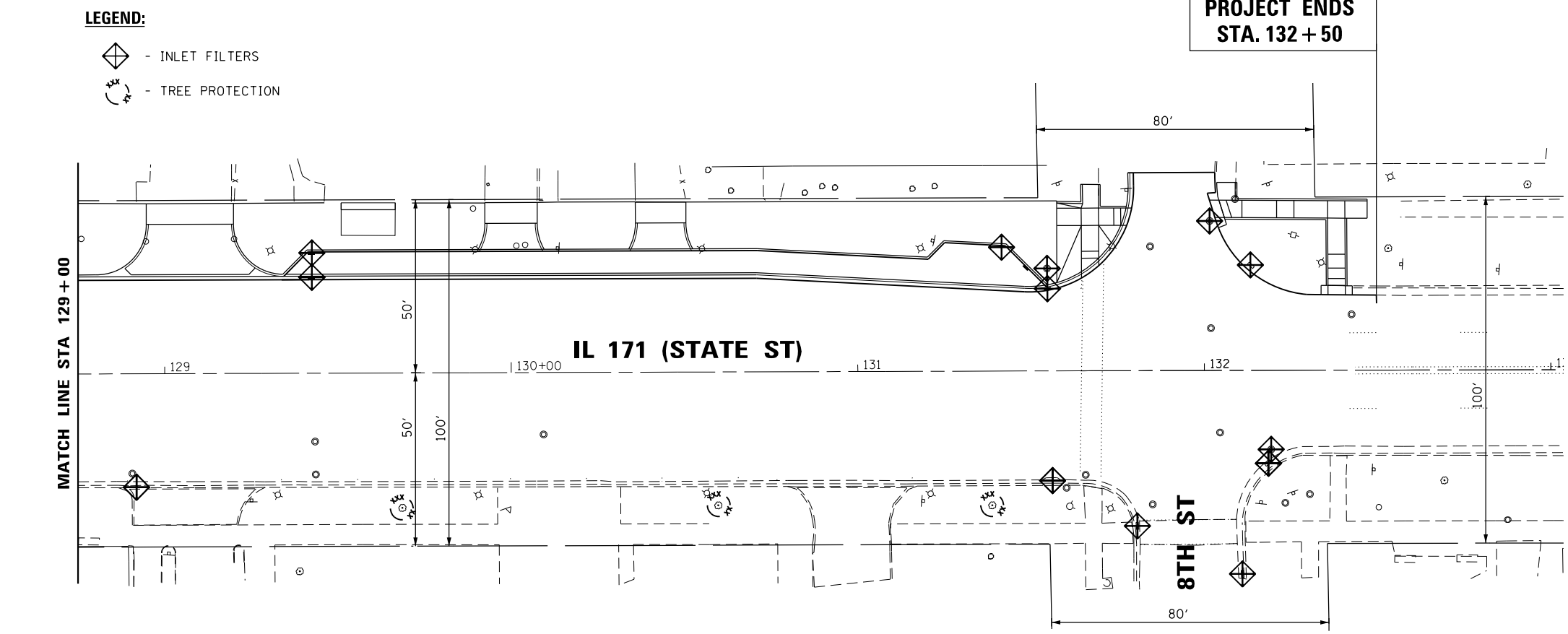
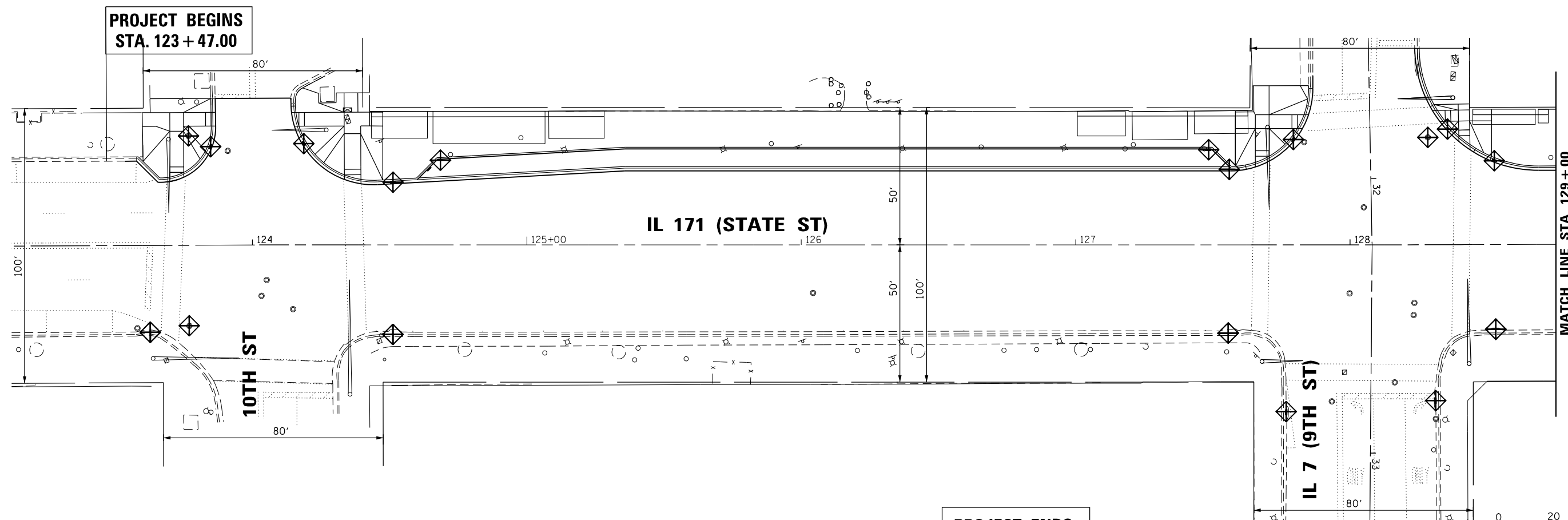
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**IL 171 (STATE ST.) & IL 7 (9TH ST.) IMPROVEMENTS
IL 171 - EROSION CONTROL PLAN - STAGE I**

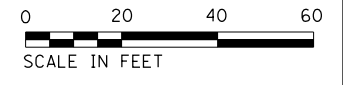
SCALE	SHEET	OF	SHEETS	STA.	TO	STA.
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F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
577	D-EXT-N	WILL	140	45
CONTRACT NO. 62C09				
ILLINOIS FED. AID PROJECT				



- LEGEND:**
- INLET FILTERS
 - TREE PROTECTION

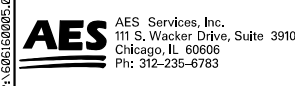
**PROJECT ENDS
STA. 132 + 50**



NOTES

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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**IL 171 (STATE ST.) & IL 7 (9TH ST.) IMPROVEMENTS
IL 171 - EROSION CONTROL PLAN - STAGE II**

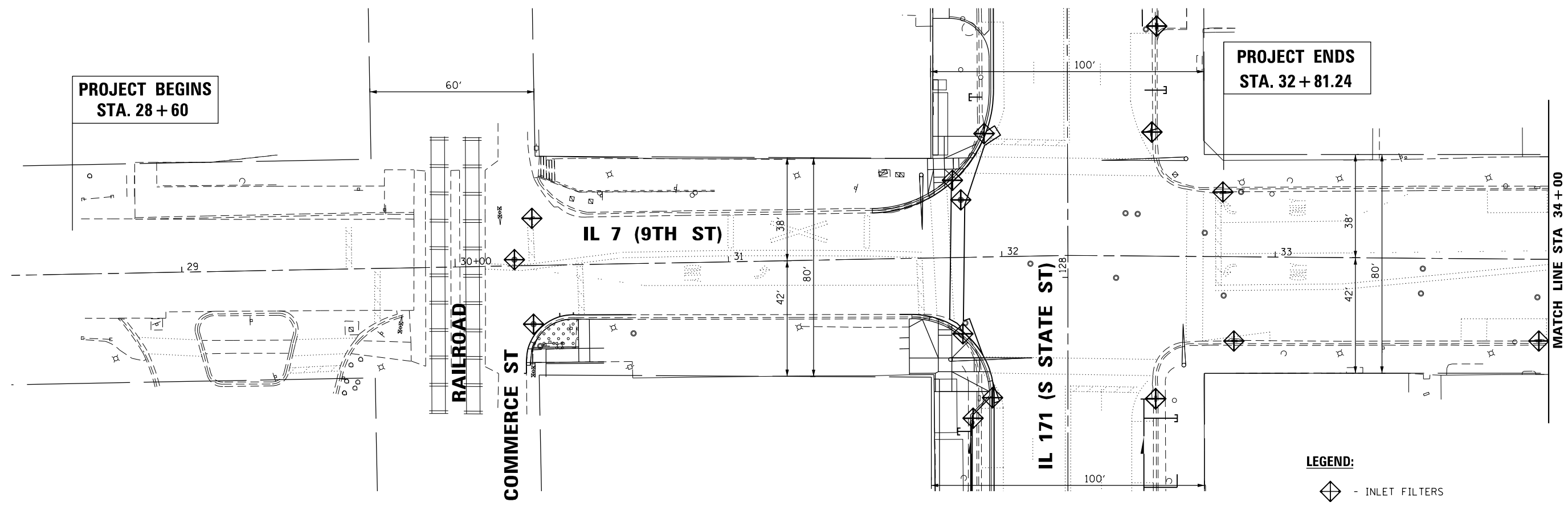
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F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
577	D-EXT-N	WILL	140	46
CONTRACT NO. 62C09				
ILLINOIS FED. AID PROJECT				



**PROJECT BEGINS
STA. 28 + 60**

**PROJECT ENDS
STA. 32 + 81.24**



MATCH LINE STA 34 + 00

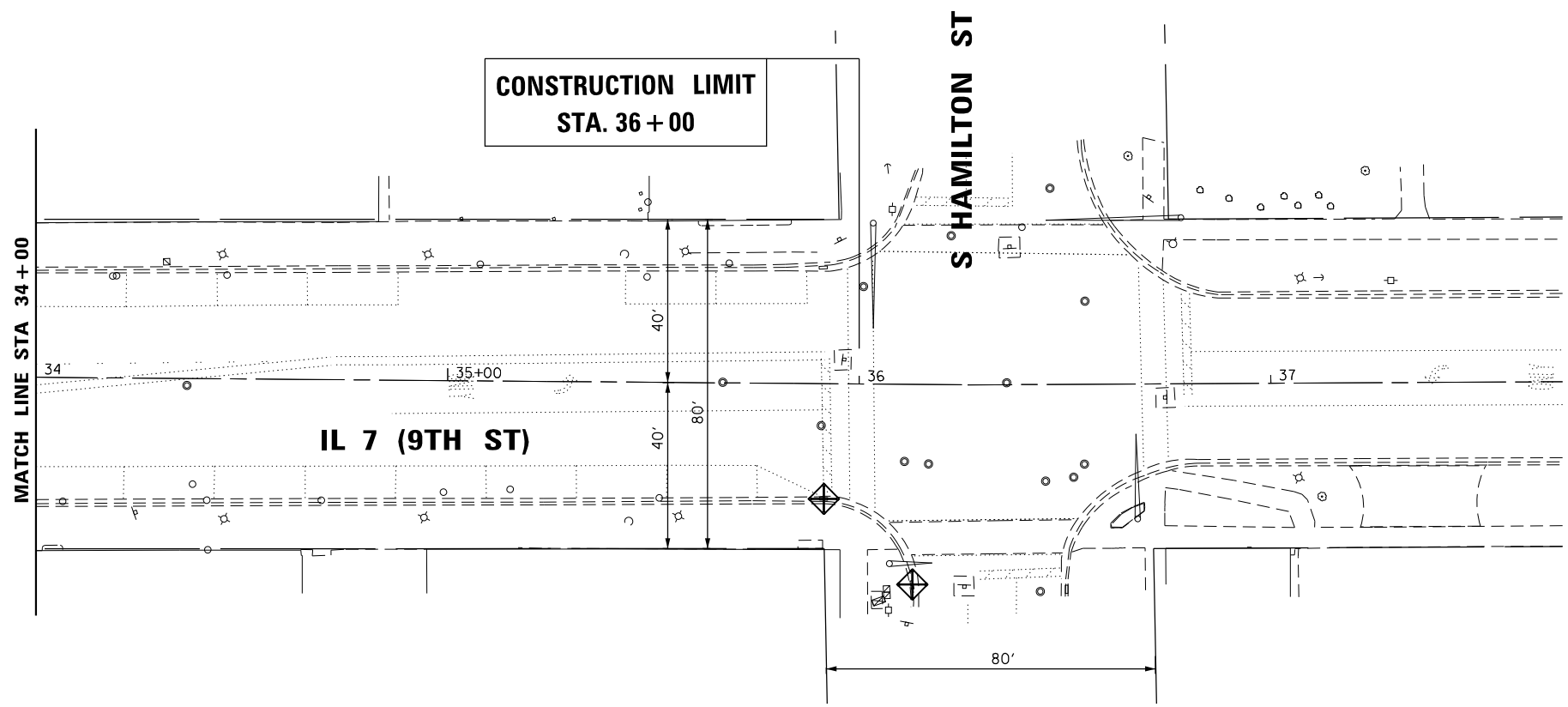
LEGEND:

- INLET FILTERS

NOTES

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**CONSTRUCTION LIMIT
STA. 36 + 00**



MATCH LINE STA 34 + 00



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PLOT SCALE = 48.0000' / in.	CHECKED - JA	REVISOR -
PLOT DATE = 5/11/2017	DATE - 3/20/2017	REVISOR -

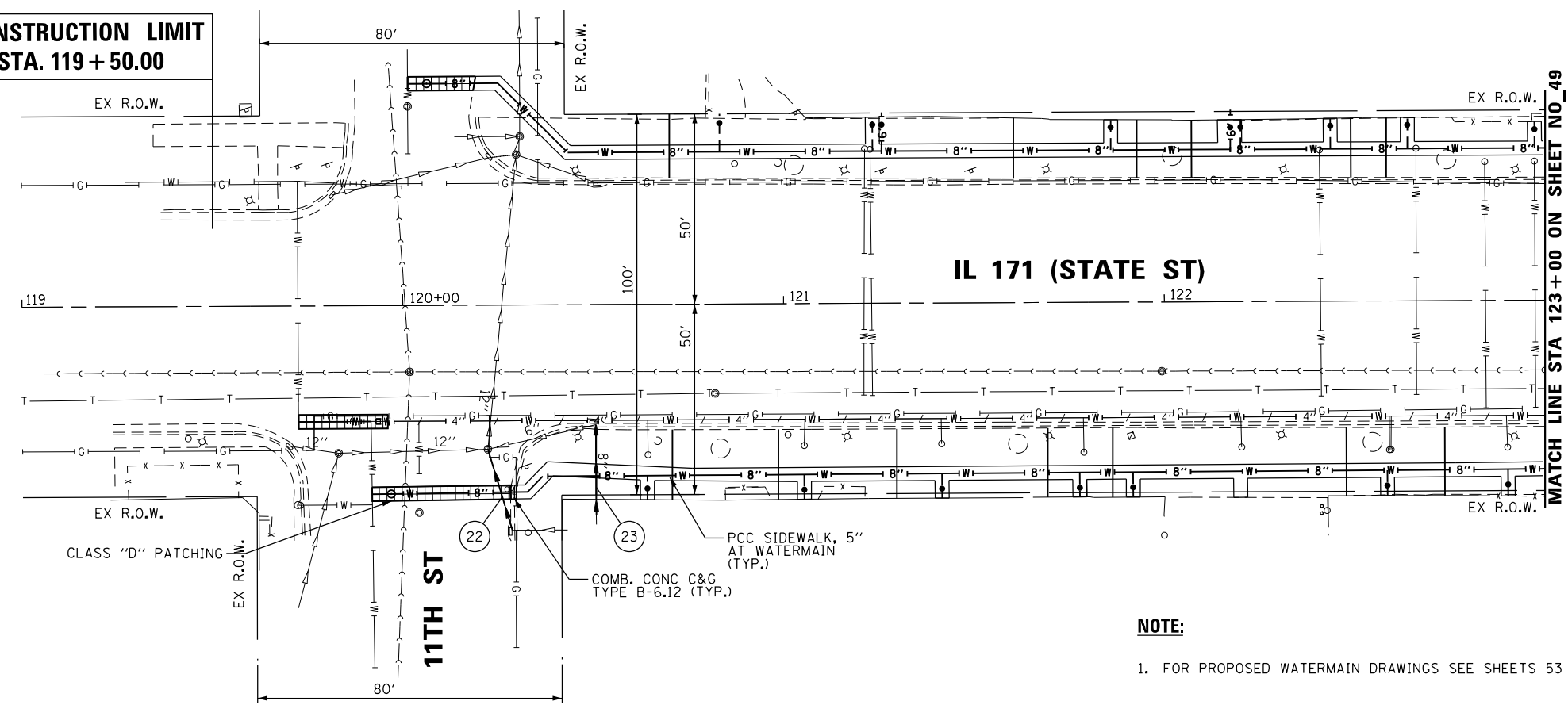
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

IL 171 (STATE ST.) & IL 7 (9TH ST.) IMPROVEMENTS	
IL 171 (9TH ST) - EROSION AND SEDIMENT CONTROL PLAN	
SCALE	SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
577	D-EXT-N	WILL	140	47
CONTRACT NO. 62C09				
ILLINOIS FED. AID PROJECT				



**CONSTRUCTION LIMIT
STA. 119 + 50.00**



MATCH LINE STA 123 + 00 ON SHEET NO 49

NOTE:

- FOR PROPOSED WATERMAIN DRAWINGS SEE SHEETS 53 TO 61.

LEGEND:

- STORM SEWER STRUCTURE
- STORM SEWER MANHOLE
- STORM SEWER PIPE
- STORM SEWER REMOVAL
- STRUCTURE TO BE ADJUSTED
- STRUCTURE TO BE FILLED
- STRUCTURE TO BE REMOVED
- FRAME & GRATE TO BE ADJUSTED
- FRAME & LID TO BE ADJUSTED
- PROPOSED WATER MAIN
- PIPE UNDERDRAINS (SPECIAL); (FOR PLANTERS)
- PROPOSED MANHOLE

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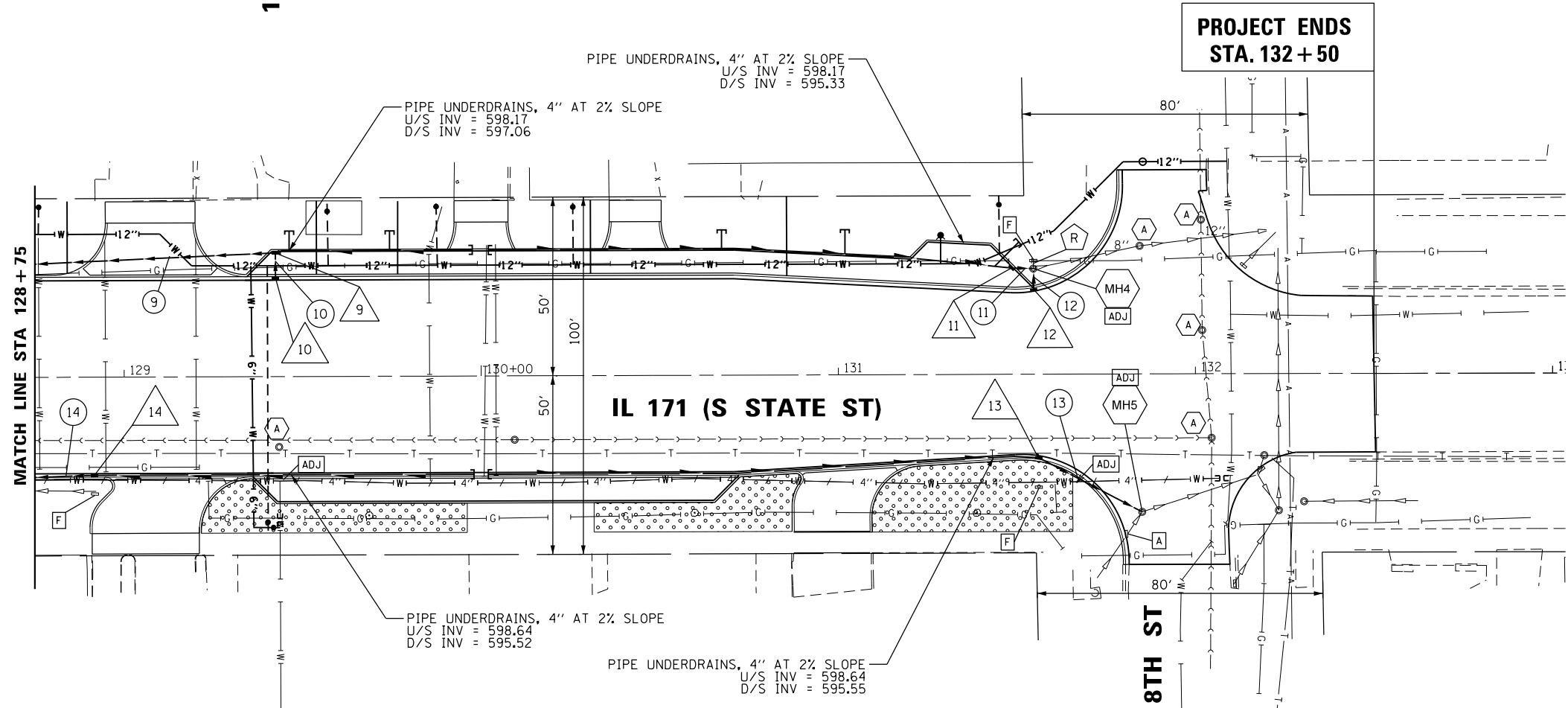
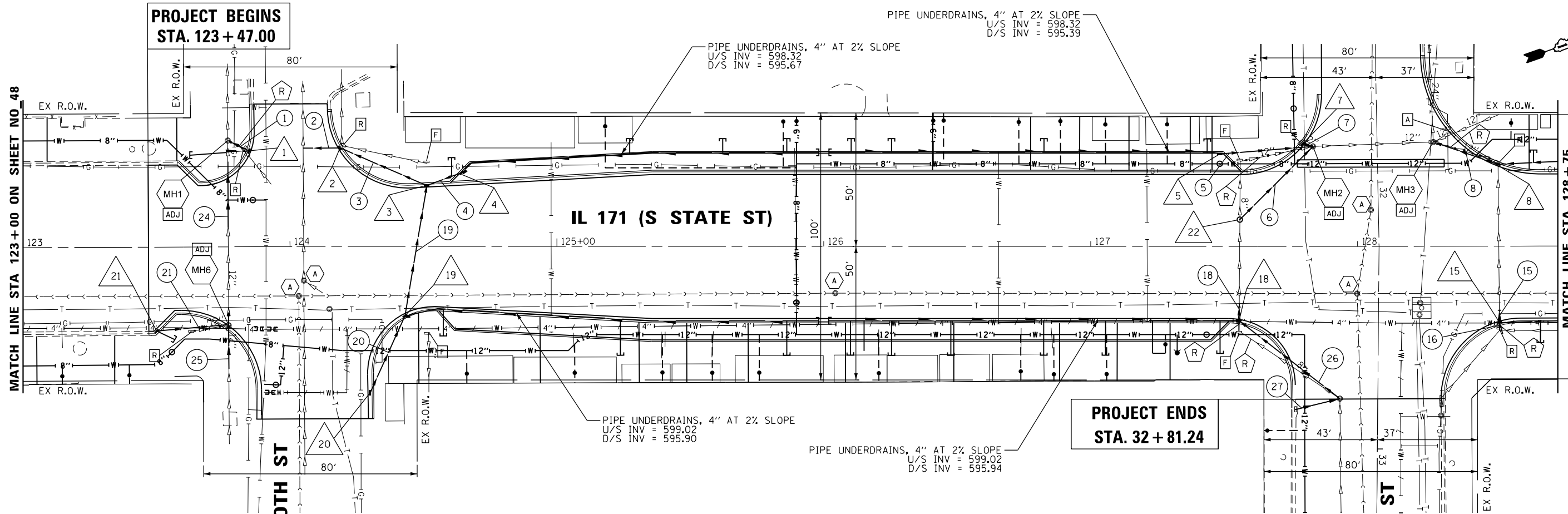
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PLOT DATE = 6/6/2017	DATE - 3/20/2017	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**IL 171 (STATE ST.) & IL 7 (9TH ST.) IMPROVEMENTS
IL 171 (STATE ST.) DRAINAGE AND UTILITIES**

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
577	D-EXT-N	WILL	140	48
CONTRACT NO. 62C09				
ILLINOIS FED. AID PROJECT				

SCALE SHEET OF SHEETS STA. TO STA.



- LEGEND:**
- X - STORM SEWER STRUCTURE
 - MH - STORM SEWER MANHOLE
 - XX - STORM SEWER PIPE
 - R1 - STORM SEWER REMOVAL
 - ADJ - STRUCTURE TO BE ADJUSTED
 - F - STRUCTURE TO BE FILLED
 - R - STRUCTURE TO BE REMOVED
 - A - FRAME & GRATE TO BE ADJUSTED
 - A - FRAME & LID TO BE ADJUSTED
 - 12"—W— - PROPOSED WATER MAIN
 - T - PIPE UNDERDRAINS (SPECIAL); (FOR PLANTERS)
 - o - PROPOSED MANHOLE



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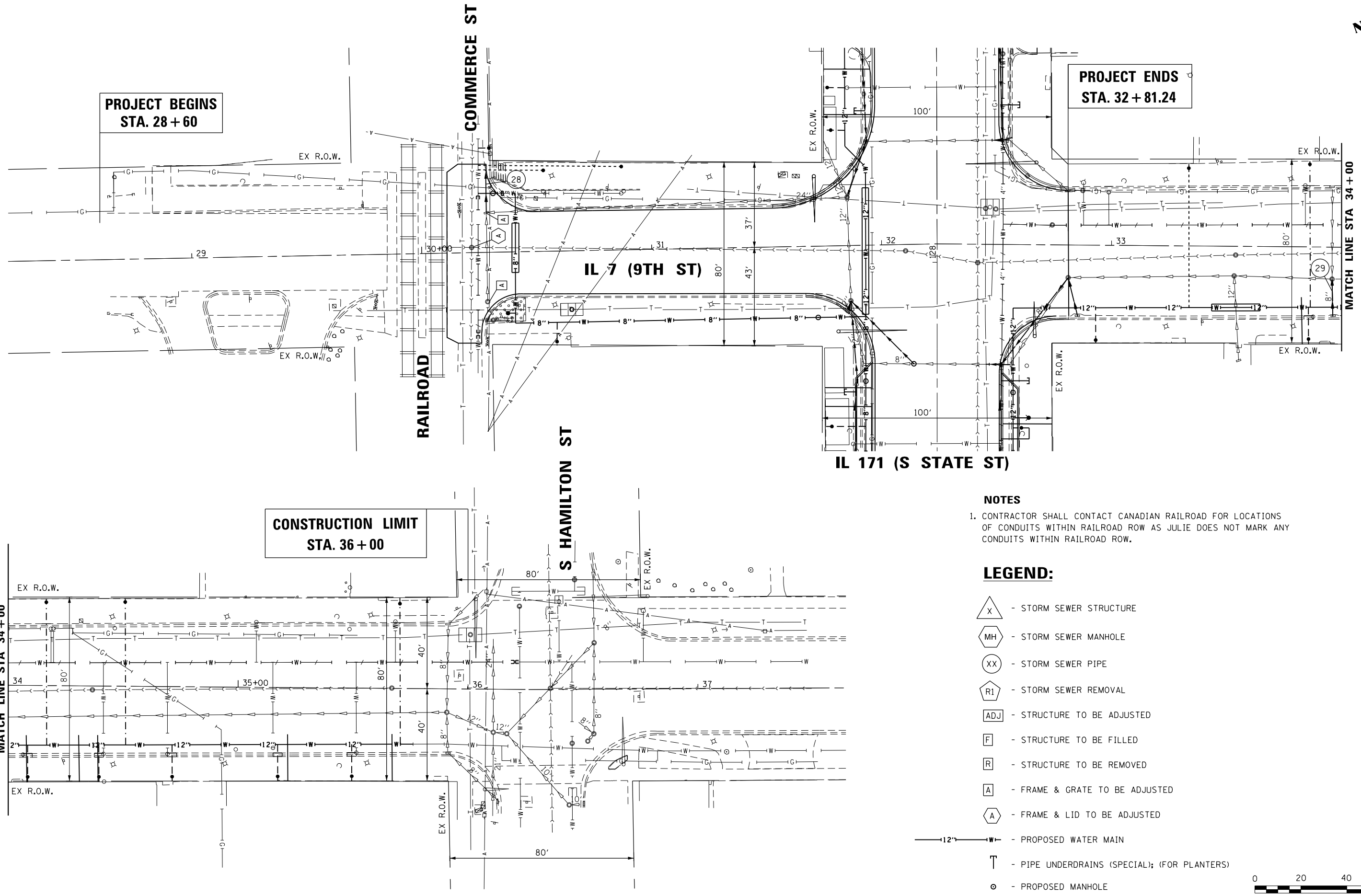
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**IL 171 (STATE ST.) & IL 7 (9TH ST.) IMPROVEMENTS
IL 171 (STATE ST.) DRAINAGE AND UTILITIES**

SCALE SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
577	D-EXT-N	WILL	140	49
CONTRACT NO. 62C09				
ILLINOIS FED. AID PROJECT				



**PROJECT ENDS
STA. 32 + 81.24**

**PROJECT BEGINS
STA. 28 + 60**

**CONSTRUCTION LIMIT
STA. 36 + 00**

NOTES

- CONTRACTOR SHALL CONTACT CANADIAN RAILROAD FOR LOCATIONS OF CONDUITS WITHIN RAILROAD ROW AS JULIE DOES NOT MARK ANY CONDUITS WITHIN RAILROAD ROW.

LEGEND:

- X - STORM SEWER STRUCTURE
- MH - STORM SEWER MANHOLE
- XX - STORM SEWER PIPE
- R1 - STORM SEWER REMOVAL
- ADJ - STRUCTURE TO BE ADJUSTED
- F - STRUCTURE TO BE FILLED
- R - STRUCTURE TO BE REMOVED
- A - FRAME & GRATE TO BE ADJUSTED
- A - FRAME & LID TO BE ADJUSTED
- 12" W - PROPOSED WATER MAIN
- T - PIPE UNDERDRAINS (SPECIAL); (FOR PLANTERS)
- o - PROPOSED MANHOLE



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	DATE - 3/20/2017	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**IL 171 (STATE ST.) & IL 7 (9TH ST.) IMPROVEMENTS
IL 7 (9TH ST.) DRAINAGE AND UTILITIES**

SCALE SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
577	D-EXT-N	WILL	140	50
CONTRACT NO. 62C09				
ILLINOIS FED. AID PROJECT				

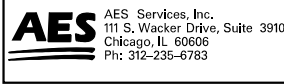
DRAINAGE STRUCTURE

S.NO	STRUCTURE NUMBER	STATION	OFFSET	RIM ELEVATION	INVERT ELEVATION					PIPE UNDERDRAIN	STRUCTURE TYPE
					NORTH	NORTH-WEST	NORTH-EAST	SOUTH-WEST	SOUTH-EAST		
1	1	123+84.93	35.88 LT	599.714				595.32			INLETS, TYPE A, TYPE 23 FRAME AND GRATE
2	2	124+18.67	36.92 LT	599.503			594.58	594.58			CATCH BASINS, TYPE A, 4'-DIAMETER, TYPE 3V FRAME AND GRATE
3	3	124+51.19	22.83 LT	600.269		595.33		594.76	594.76		CATCH BASINS, TYPE A, 4'-DIAMETER, TYPE 23 FRAME AND GRATE
4	4	124+64.51	27.69 LT	599.780					595.43	595.67	INLETS, TYPE A, TYPE 23 FRAME AND GRATE
5	5	127+48.44	34.66 LT	599.750			596.21			595.39	INLETS, TYPE A, TYPE 23 FRAME AND GRATE
6	NOT USED										
7	7	127+79.34	38.37 LT	599.606			597.53				INLETS, TYPE A, TYPE 23 FRAME AND GRATE
8	8	128+52.64	30.67 LT	599.590			595.38	595.38	596.07		CATCH BASINS, TYPE A, 4'-DIAMETER, TYPE 23 FRAME AND GRATE
9	9	129+42.42	34.63 LT	599.990				595.83	596.01	597.06	CATCH BASINS, TYPE A, 4'-DIAMETER, TYPE 23 FRAME AND GRATE
10	10	129+42.47	27.52 LT	600.232		596.05					INLETS, TYPE A, TYPE 23 FRAME AND GRATE
11	11	131+48.57	29.78 LT	599.960			596.97			595.33	INLETS, TYPE A, TYPE 23 FRAME AND GRATE
12	12	131+54.77	23.73 LT	600.046		596.85		596.85			CATCH BASINS, TYPE A, 4'-DIAMETER, TYPE 23 FRAME AND GRATE
13	13	131+56.01	23.39 RT	600.222			596.80			595.55	INLETS, TYPE A, TYPE 23 FRAME AND GRATE
14	14	128+91.69	27.50 RT	600.327				597.86		595.52	INLETS, TYPE A, TYPE 23 FRAME AND GRATE
15	15	128+53.04	28.62 RT	600.440		597.51	597.67		597.67		CATCH BASINS, TYPE A, 4'-DIAMETER, TYPE 23 FRAME AND GRATE
16	NOT USED										
17	NOT USED										
18	18	127+55.51	27.78 RT	600.653		597.22	597.22			595.94	CATCH BASINS, TYPE A, 4'-DIAMETER, TYPE 23 FRAME AND GRATE
19	19	124+43.09	25.95 RT	600.836		594.98			594.98	595.90	CATCH BASINS, TYPE A, 4'-DIAMETER, TYPE 23 FRAME AND GRATE
20	20	124+30.06	54.79 RT	601.312		595.17					CATCH BASINS, TYPE A, 4'-DIAMETER, TYPE 23 FRAME AND GRATE
21	21	123+49.89	31.46 RT	600.431				597.57			INLETS, TYPE A, TYPE 23 FRAME AND GRATE
22	22	127+55.88	10.09 LT	600.850		596.10			596.34		MANHOLES, TYPE A, 4'-DIAMETER, TYPE 1 FRAME, CLOSED LID

CONNECTION TO EXISTING MANHOLES

S.NO	STRUCTURE NUMBER	STATION	OFFSET	RIM ELEVATION	NORTH-WEST	NORTH-EAST	SOUTH-WEST	SOUTH-EAST	SOUTH
1	MH 1	123+76.86	39.84 LT	599.720	EX: 593.07	595.27		EX: 593.07	
2	MH 2	123+83.29	37.49 LT	599.710		EX: 594.88	EX: 594.88, 597.51, 595.88	595.88	594.88
3	MH 3	128+28.46	39.11 LT	599.635	EX: 591.83	EX: 595.03, 595.05	EX: 593.13		
4	MH 4	131+54.67	29.57 LT	599.810	EX: 596.96	EX: 596.96	596.92	596.82	
5	MH 5	131+84.98	38.62 RT	600.150		EX: 596.65	596.65	EX: 597.55	
6	MH 6	123+76.90	29.38 RT	600.860	EX: 596.26		597.46	EX: 596.26	

P:\606162005\04-PTB177-004_S04-IL-7 & IL-171 Intersect Improvements\01\CADD\08\Sheet\51_62C09-Int-dr-ansched.dgn



USER NAME = awmohammed	DESIGNED - AWM	REVISED -
	DRAWN - TOM	REVISED -
PLOT SCALE = 2.0000' / in.	CHECKED - JA	REVISED -
PLOT DATE = 6/6/2017	DATE - 3/20/2017	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**IL 171 (STATE ST.) & IL 7 (9TH ST.) IMPROVEMENTS
IL 171 (STATE ST.) DRAINAGE SCHEDULES**

SCALE SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
577	D-EXT-N	WILL	140	51
CONTRACT NO. 62C09			ILLINOIS FED. AID PROJECT	

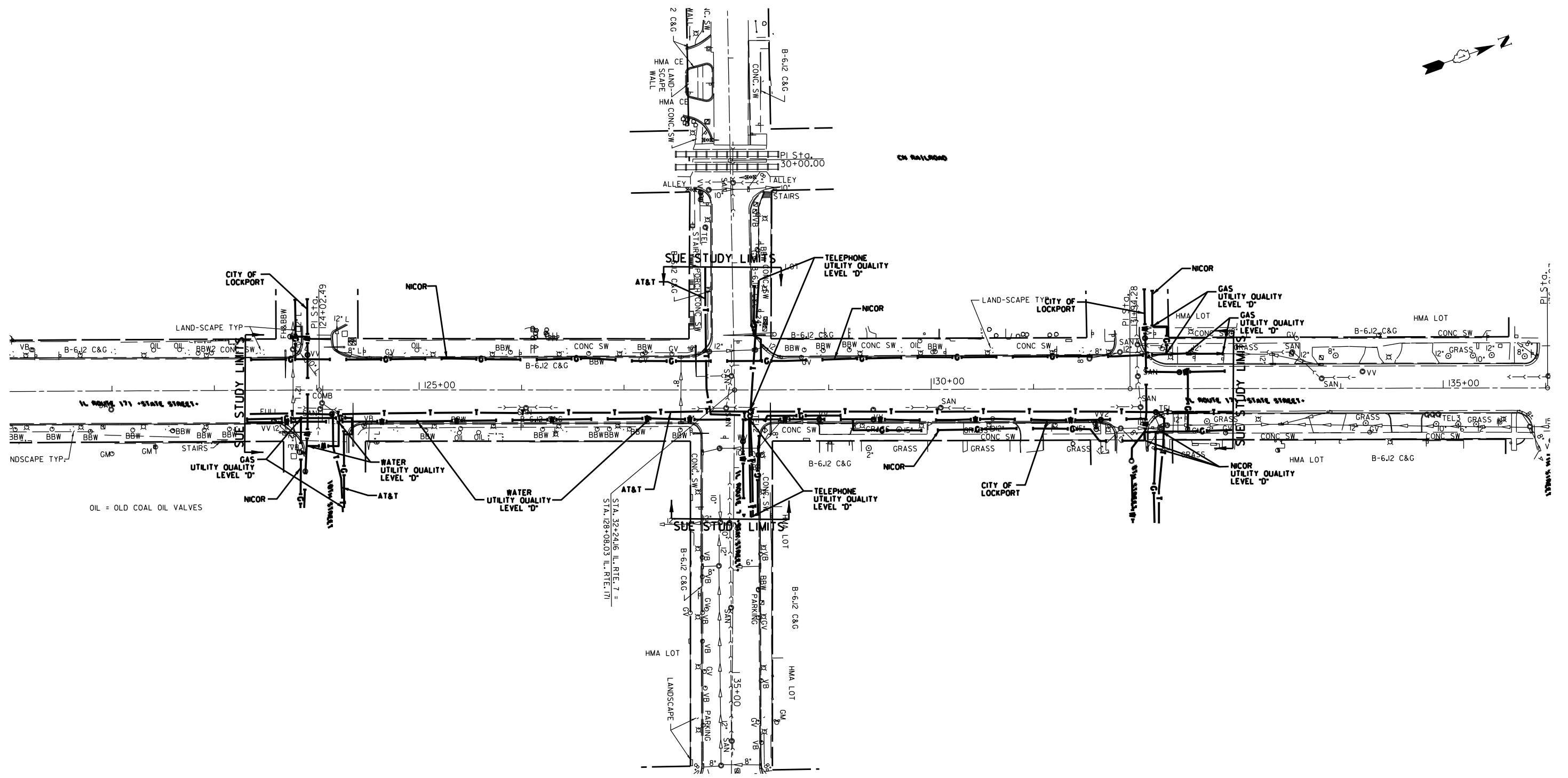
STORM SEWER PIPE

S.NO	PIPE NUMBER	UPSTREAM STRUCTURE	DOWNSTREAM STRUCTURE	DESCRIPTION	FILL (FT)	LENGTH (FT)	DIAMETER (IN)	SLOPE (%)	UPSTREAM INVERT	DOWNSTREAM INVERT
1	1	1	MH1	STORM SEWERS, CLASS A, TYPE 2 12"	3.24	8.96	12	0.56	595.32	595.27
2	2	2	EX 12" SS	STORM SEWERS, CLASS A, TYPE 2 12"	3.76	13.75	12	0.36	594.58	594.53
3	3	3	2	STORM SEWERS, CLASS A, TYPE 2 12"	3.76	35.20	12	0.51	594.76	594.58
4	4	4	3	STORM SEWERS, CLASS A, TYPE 2 12"	3.09	14.03	12	0.71	595.43	595.33
5	5	5	MH2	STORM SEWERS, CLASS A, TYPE 1 12"	2.67	34.93	12	0.94	596.21	595.88
6	6	EX 8" SS	MH2	STORM SEWERS, TYPE 1, WATERMAIN QUALITY PIPE, 8"	2.67	38.75	12	3.48	597.23	595.88
7	7	7	MH2	STORM SEWERS, CLASS A, TYPE 1 12"	0.9	3.04	12	0.66	597.53	597.51
8	8	8	MH3	STORM SEWERS, TYPE 1, WATERMAIN QUALITY PIPE, 12"	3.14	25.67	12	1.29	595.38	595.05
9	9	9	8	STORM SEWERS, TYPE 1, WATERMAIN QUALITY PIPE, 12"	3	89.82	12	0.50	595.83	595.38
10	10	10	9	STORM SEWERS, TYPE 1, WATERMAIN QUALITY PIPE, 12"	3	7.12	12	0.56	596.05	596.01
11	11	11	MH4	STORM SEWERS, CLASS A, TYPE 1 12"	1.85	6.10	12	0.82	596.97	596.92
12	12	12	MH4	STORM SEWERS, CLASS A, TYPE 1 12"	2.02	5.19	12	0.58	596.85	596.82
13	13	13	MH5	STORM SEWERS, CLASS A, TYPE 1 12"	2.25	32.71	12	0.46	596.80	596.65
14	14	14	15	STORM SEWERS, CLASS A, TYPE 1 12"	1.59	38.66	12	0.49	597.86	597.67
15	15	15	EX 12" SS	STORM SEWERS, CLASS A, TYPE 1 12"	1.59	4.67	12	3.43	597.67	597.51
16	16	EX 8" SS	15	STORM SEWERS, TYPE 1, WATERMAIN QUALITY PIPE, 8"	1.76	2.55	12	0.78	597.69	597.67
17	17	NOT USED								
18	18	18	EX 8" SS	STORM SEWERS, TYPE 1, WATERMAIN QUALITY PIPE, 8"	2.43	6.64	12	3.31	597.22	597.00
19	19	19	3	STORM SEWERS, CLASS A, TYPE 2 12"	4.78	49.41	12	0.48	594.98	594.76
20	20	20	19	STORM SEWERS, TYPE 1, WATERMAIN QUALITY PIPE, 12"	4.78	31.63	12	0.60	595.17	594.98
21	21	21	MH6	STORM SEWERS, CLASS A, TYPE 1 12"	2.19	26.12	12	0.42	597.57	597.46

STORM SEWER PIPE

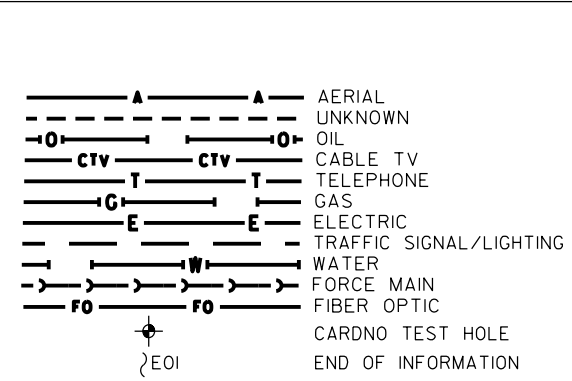
S.NO	PIPE NUMBER	UPSTREAM END		DOWNSTREAM END		DESCRIPTION	LENGTH (FT)	DIAMETER (IN)
		STA	O/S	STA	O/S			
1	22	120+28.42	59.15 RT	120+22.18	37.89 RT	STORM SEWERS, TYPE 1, WATERMAIN QUALITY PIPE, 8"	22.23	8
2	23	120+50.58	55.41 RT	120+50.58	31.54 RT	STORM SEWERS, TYPE 1, WATERMAIN QUALITY PIPE, 8"	23.86	8
3	24	123+76.88	7.13 LT	123+76.88	31.92 LT	STORM SEWERS, TYPE 1, WATERMAIN QUALITY PIPE, 8"	24.79	8
4	25	123+76.90	45.75 RT	123+76.90	24.56 RT	STORM SEWERS, TYPE 1, WATERMAIN QUALITY PIPE, 8"	21.19	8
5	26	127+93.08	56.99 RT	127+55.48	27.77 RT	STORM SEWERS, TYPE 1, WATERMAIN QUALITY PIPE, 12"	46.00	12
6	27	127+76.13	61.12 RT	127+93.08	56.99 RT	STORM SEWERS, TYPE 1, WATERMAIN QUALITY PIPE, 8"	17.43	8
7	28	30+28.39	17.27 LT	30+28.39	36.01 LT	STORM SEWERS, TYPE 1, WATERMAIN QUALITY PIPE, 10"	19.00	10
8	29	33+95.82	30.22 RT	33+95.82	13.90 RT	STORM SEWERS, TYPE 1, WATERMAIN QUALITY PIPE, 8"	16.18	8

P:\606162005\04-PTB177-004_SUD*4-IL 7 & IL 171 Intersect Improvements\01C000\08Sheet\52_62C09-ant-drainshed2.dgn



OIL = OLD COAL OIL VALVES

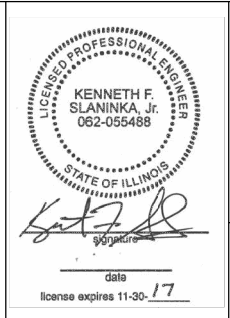
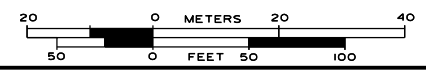
STA. 32+24.6 I.L. RTE. 7 =
STA. 128+08.03 I.L. RTE. 171



UTILITY OWNERS		
AT&T	-	TELEPHONE
NICOR	-	GAS
CITY OF LOCKPORT	-	WATER

Utilities shown on these plans as depicted in the legend have been investigated by Cardno in accordance with SUE Industry Standards. All other information shown has been provided to Cardno by others. Cardno's SUE field investigation was performed 12/13/16 through 12/29/16. Changes to utilities after 12/29/16 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.



CWA
SURVEY
CLAASSEN, WHITE & ASSOCIATES, P.C.
LAND SURVEYORS
21 AIRPORT DRIVE, UNIT 1, JOLIET, ILLINOIS 60431
(815) 744-3720 clausenwhite@cwasurevey.com

ITB Job No. IL09510739
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	IP	REVISED
DRAWN	KLC	REVISED
CHECKED	KS	REVISED
DATE	1/17/17	REVISED

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

IL 7 at IL 171
Lockport, IL

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
577	D-EXT-N	WILL	140	53
FED. ROAD DIST. NO.		ILLINOIS	IDOT Project No.	

GENERAL NOTES

1. CONTRACTOR SHALL BE RESPONSIBLE FOR NOTIFYING ALL RESIDENTS AT LEAST 48 HOURS IN ADVANCE OF INTERRUPTION TO THEIR UTILITIES THAT WILL BE CAUSED BY THE CONSTRUCTION.
2. DRIVEWAY ACCESS IS TO BE MAINTAINED WITH AGGREGATE SURFACE COURSE.
3. MAINTAINING DRAINAGE: IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO MAINTAIN DRAINAGE FLOWS AT ALL TIMES DURING THE PERFORMANCE OF WORK. METHODS USED BY THE CONTRACTOR SHALL BE SUBJECT TO APPROVAL OF THE ENGINEER.
4. WATER MAIN LOCATION AND DEPTHS SHOWN ON THE DRAWINGS ARE APPROXIMATE. CONTRACTOR SHALL PERFORM EXPLORATORY EXCAVATION AS NECESSARY TO DETERMINE THE EXISTING LOCATION, DEPTH, MATERIAL AND SIZE OF WATER MAIN.
5. ALL WATER MAIN PIPE SHALL BE DUCTILE IRON, MINIMUM PRESSURE CLASS 350 PSI, DESIGNED IN ACCORDANCE WITH ANSI/AWWA C151/A21.51.
6. ALL JOINTS SHALL BE MECHANICALLY RESTRAINED. RESTRAINED JOINT FITTINGS AND THE RESTRAINING COMPONENTS SHALL BE DUCTILE IRON IN ACCORDANCE WITH APPLICABLE REQUIREMENTS OF ANSI/AWWA C110/A21.10 AND/OR C153/A21.53.
7. ALL WATER MAIN PIPE FITTINGS SHALL BE DUCTILE IRON CLASS 350 CONFORMING TO REQUIREMENTS OF ANSI/AWWA C153/A21.53 AND ANSI/AWWA C111/A21.11. ALL WATER MAIN FITTINGS SHALL HAVE A CEMENT MORTAR LINING IN ACCORDANCE WITH THE REQUIREMENT OF ANSI/AWWA C104/A21.4. FITTINGS SHALL BE FURNISHED WITH A RATED WORKING PRESSURE OF 150 PSI.
8. "MEGA-LUG" OR APPROVED EQUAL RETAINERS SHALL BE USED AT ALL CONNECTIONS OF WATER MAINS TO BENDS, TEES, CROSSES, REDUCERS, AND OTHER FITTINGS. ALL MECHANICAL JOINTS SHALL HAVE A MINIMUM OF SIX (6) "SAC-NUTS".
9. NOT ALL EXISTING WATER SERVICES AND CURB STOPS IN BOXES WERE LOCATED AND SHOWN ON THE DRAWINGS. CONTRACTOR TO REMOVE AND REPLACE ALL EXISTING CURB STOPS IN BOXES AND CONNECT TO NEW WATER SERVICES. CONTRACTOR SHALL PROCEED WITH CAUTION IN LOCATING WATER SERVICES AND CURB STOPS IN BOXES.
10. NOT ALL SANITARY SERVICES WERE LOCATED AND SHOWN ON THE DRAWINGS. CONTRACTOR SHALL PROCEED WITH CAUTION IN LOCATING SERVICES, AND SHALL REMOVE AND REPLACE SERVICES AS NEEDED.
11. THE CITY OF LOCKPORT SHALL BE NOTIFIED IMMEDIATELY IF THE CONTRACTOR ENCOUNTERS EXISTING LEAD WATER MAIN OR WATER SERVICE LINES.
12. WATER SERVICE INSTALLATION - THE CITY AND THE CITY'S CONTRACTOR (AS PART OF A SEPARATE CONSTRUCTION CONTRACT), SHALL BE NOTIFIED 24 HOURS AND 72 HOURS IN ADVANCED OF EACH WATER SERVICE INSTALLATION.
13. THE CITY OF LOCKPORT SHALL BE NOTIFIED A MINIMUM OF 30 DAYS PRIOR TO WATER MAIN CONSTRUCTION IMPROVEMENTS BEGINNING.
14. THE CITY OF LOCKPORT SHALL OPERATE ALL EXISTING WATER VALVES.
15. FOR INFORMATION ON NEW PROPOSED STORM SEWER LINES AND STRUCTURES (STORM SEWER NOT BEING REMOVED AND REPLACED), SEE THE DRAINAGE AND UTILITY PLAN AND PROFILE DRAWINGS.
16. FOR INFORMATION ON EXISTING VAULTS TO BE FILLED AND PROPOSED GRAVITY WALLS, SEE STRUCTURAL DRAWINGS. FOR LOCATIONS OF OTHER EXISTING VAULTS, SEE EXISTING VAULT SCHEDULE.
17. ON THE EAST AND WEST SIDE OF STATE STREET BETWEEN 10TH STREET AND 11TH STREET, THE PROPOSED WATER MAIN SHALL BE INSTALLED WITHIN THE EXISTING VAULTS. THE PROPOSED WATER MAIN SHALL BE OFFSET A MINIMUM OF 3 FEET FROM THE CENTER OF THE PROPOSED MAIN TO THE OUTER WALL INSIDE FACE AND/OR THE FACE OF THE MIDDLE PARTITION. IF THIS IS NOT POSSIBLE, THE PROPOSED WATER MAIN SHALL BE INSTALLED IN THE MIDDLE SPACE BETWEEN THE OUTER WALL AND THE PARTITION.
18. PROPOSED CURB STOP IN BOX LOCATIONS - THE CITY AND CITY'S CONTRACTOR AS PART OF A SEPARATE CONSTRUCTION CONTRACT WILL DETERMINE THE STATION LOCATION OF THE NEW CURB STOP IN BOX. SEE WATER SERVICE DETAILS BELOW FOR DIMENSIONS FROM THE FACE OF THE EXISTING BUIDLINGS TO THE NEW CURB STOP AND BOX.
19. ALL EXISTING ORNAMENTAL LIGHTING POLES AND FIXTURES WILL BE REMOVED BY THE CITY PRIOR TO CONSTRUCTION BEGINNING. THE CITY WILL REINSTALL ORNAMENTAL LIGHTING POLES AND FIXTURES.

CITY OF LOCKPORT CONTACTS

SCOTT GREEN - WATER DEPARTMENT SUPERINTENDENT

OFFICE - (815) 838-0549 EXT. 2307

MOBILE - (815) 671-9873

AMY WAGNER, P.E., DIRECTOR OF ENGINEERING

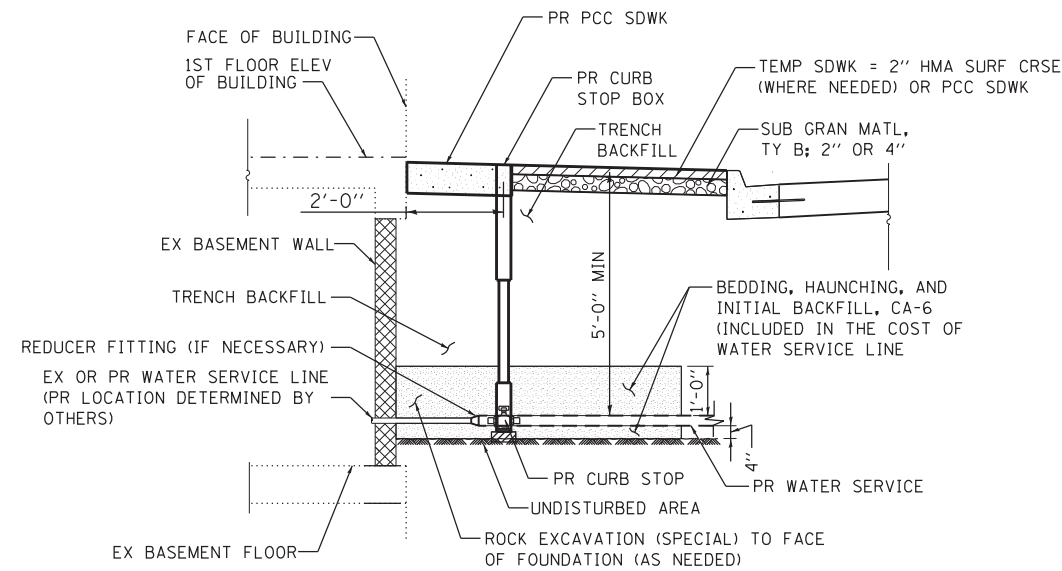
OFFICE - (815) 838-0549 EXT. 2315

MOBILE - (815) 600-6396

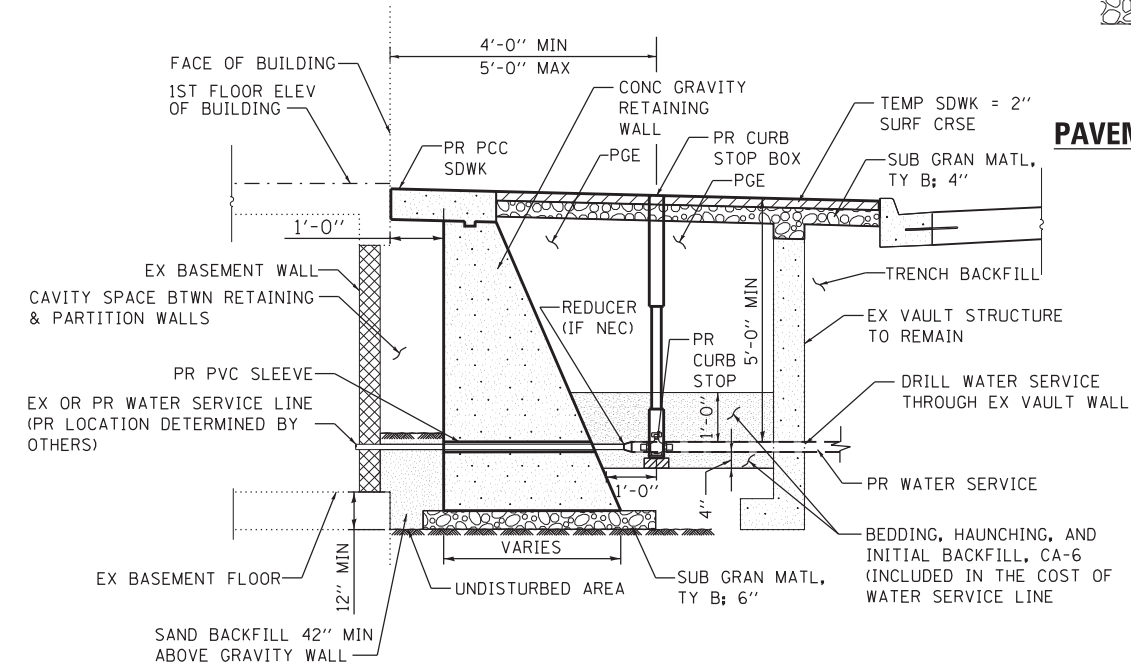
20. PROPOSED WATER MAIN ITEMS SHALL BE INSTALLED TO NOT CONFLICT WITH PROPOSED 52"x52" CONCRETE FOUNDATIONS (BY OTHERS). APPROXIMATE PROPOSED FOUNDATION LOCATIONS ARE SHOWN ON DRAWINGS. FURTHER COORDINATION WITH FOUNDATION CONTRACTOR MAY BE REQUIRED.
21. NO ABANDONMENT OF THE EXISTING WATER MAIN AND FACILITIES SHALL TAKE PLACE UNTIL THE NEW WATER MAIN HAS BEEN TESTED AND ACCEPTED AND ALL NEW WATER SERVICES ARE CONNECTED. THE CITY MUST BE NOTIFIED 72 HOURS PRIOR TO THE ABANDONMENT BEGINNING.
22. CONSTRUCTION SHALL BE IN ACCORDANCE WITH THE STANDARD SPECIFICATIONS FOR WATER AND SEWER CONSTRUCTION IN ILLINOIS.
23. CONSTRUCTION SHALL FOLLOW THE SEPARATION REQUIREMENTS BETWEEN SEWERS AND WATER MAINS AS STATED IN 35 IL ADMINISTRATIVE CODE, SUBTITLE F, SECTION 653.119.

LEGEND

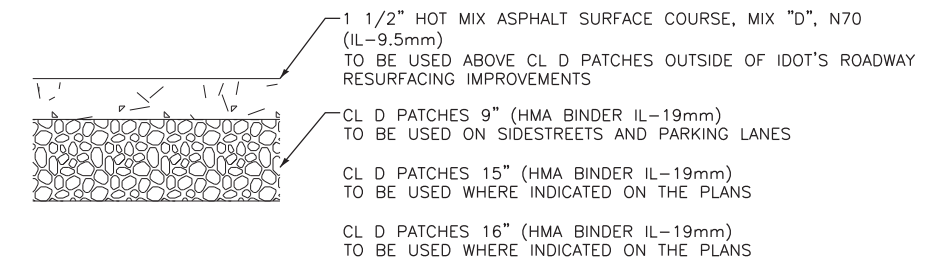
- [Symbol] PROPOSED STEEL CASINGS
- [Symbol] PROPOSED GATE VALVE IN BOX OR CURB STOP IN BOX
- [Symbol] PROPOSED FIRE HYDRANT WITH AUXILIARY VALVE IN BOX
- [Symbol] PROPOSED INLET FILTER
- [Symbol] PROPOSED DUCTILE IRON WATER MAIN, MECHANICAL JOINT
- [Symbol] WATER SERVICE LINE
- [Symbol] WATER SERVICE LINE (BORED)
- [Symbol] WATER SERVICE LINE (DRILLED THROUGH ROCK)
- [Symbol] ABANDON EXISTING WATER MAIN, FILL WITH CLSM
- [Symbol] CUT AND CAP EXISTING WATER MAIN
- [Symbol] FIRE HYDRANTS TO BE REMOVED
- [Symbol] VALVE VAULTS TO BE ADANDONNED
- [Symbol] VALVE BOXES TO BE ADANDONNED
- [Symbol] GATE VALVE WITH VAULT
- [Symbol] STORM SEWER REMOVAL AND REPLACEMENT
- [Symbol] STUB AND CAP PROPOSED WATER MAIN
- [Symbol] 52"x52" CONCRETE PIER FOUNDATIONS (BY OTHERS)



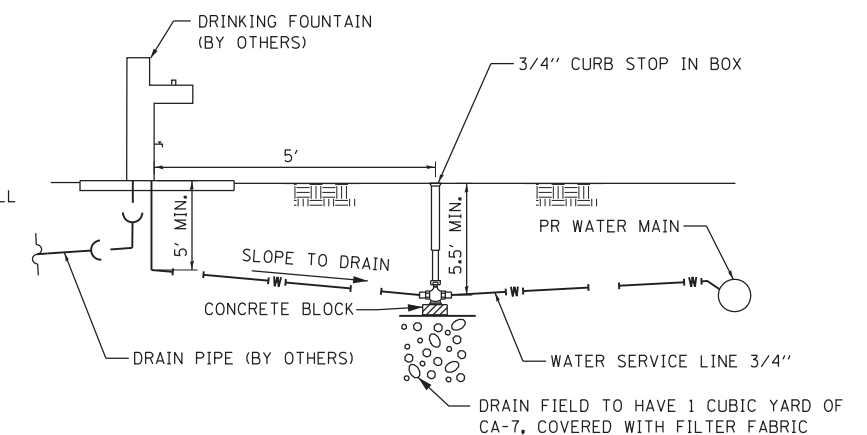
WATER SERVICE TYPICAL DETAIL
NOT TO SCALE



WATER SERVICE AT GRAVITY WALL DETAIL
NOT TO SCALE



PAVEMENT PATCHING FOR WATER MAIN IMPROVEMENTS
SEE ASPHALT MIX TABLE IN THE TYPICAL SECTIONS FOR FURTHER DETAILS



DRINKING FOUNTAIN SERVICE DETAIL
NOT TO SCALE

FILE NAME = S:\JUL13\3700-3799\3704\028\Microes\CAD\Drawings\62C09-ht-gennote.dgn

SA STRAND ASSOCIATES
1170 SOUTH HOUBOLT ROAD
JOLIET, ILLINOIS 60431
(815) 744-4200

USER NAME = alexsc	DESIGNED - MAG	REVISED -
MODEL NAME = Default	DRAWN - DJW	REVISED -
PLOT SCALE = 40.0000' / in.	CHECKED - AMS	REVISED -
PLOT DATE = 4/10/2017	DATE - 1-26-17	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ILLINOIS ROUTE 171 WATER MAIN REPLACEMENT
LEGEND AND GENERAL NOTES

SCALE: N/A SHEET OF SHEETS STA. TO STA.

F.A.P. RTE. 577	SECTION D-EXT-N	COUNTY WILL	TOTAL SHEETS 140	SHEET NO. 54
CONTRACT NO. 62C09			ILLINOIS FED. AID PROJECT	

WATER SERVICE SCHEDULE

STREET	ADDRESS	WATER SERVICE LINE & WATER SERVICE CONNECTION	WATER SERVICE LINE LENGTH (LF)	WATER SERVICE LINE, 1 1/2" (BORED) (EA)	WATER SERVICE LINE (DRILLED THROUGH ROCK) (FOOT)	DRILL WATER SERVICE THROUGH EXISTING VAULT WALL (EA)
S. STATE STREET	800	2"	82			
	803	1"	24			
	809	1"	23			1
	823	1"	23			
	827	1 1/2"	23			1
	829	1 1/2"	14			1
	831	1 1/2"	14			1
	838	2"			68	
	900	1"	20			1
	901-903	2"	15			1
	902	1 1/2"	22			1
	905-907	1 1/2"	23			1
	908	1 1/2"	22			
	909-911	1 1/2"	23			1
	910-912	1 1/2"	22			1
	913	1"	23			1
	916-920	1 1/2"	23			1
	917	1"	23			
	921	2"	24			
	923-925	2"	29			
	924-926	1 1/2"	23			1
	928	1 1/2"	23			1
	930	1 1/2"	23			
	931	1 1/2"	97			1
	936-938	2"	20			1
	940	1 1/2"	17			1
	1000-1002	2"	12			1
	1006	1"	12			
	1009	1"	12			
	1010	1"	12			1
	1011	1 1/2"	13			
	1014	1"	12			1
	1015	1 1/2"	13			
	1017	2"	13			
	1018	1 1/2"	12			
	1021	1 1/2"	13			
1022	1"	12				
1025	1"	14				
1028	1 1/2"	12			1	
1035	1"	15				
1030	1 1/2"	12				
1036-1040	1 1/2"	11			1	
E. 9TH STREET	107	1 1/2"	21			1
	111	1 1/2"	21			1
	112	1 1/2"		1		
	113	1 1/2"	21			1
	116-120	1 1/2"		1		
	117	1 1/2"	21			1
	122	1"		1		
	123	1 1/2"	21			1
	131-133	1"	21			1
W. 9TH STREET	14	1 1/2"			67	
	16	1 1/2"			33	
	18	1 1/2"	11			

*EXISTING LEAD SERVICE

EXISTING VAULT SCHEDULE

STREET	ADDRESS	APPROX VAULT LENGTH ALONG ROADWAY (FT)	NOTES
S. STATE STREET	809	17.5	
	827	UNKNOWN	
	829	4.0	FILLED
	831	23.0	FILLED
	900	UNKNOWN	FILLED
	901	20.0	FILLED
	902 - 908	UNKNOWN	FILLED
	905 - 907	20.0	FILLED
	909 - 911	17.5	FILLED
	910 - 912	19.0	FILLED
	910 - 912	20.5	FILLED
	913	UNKNOWN	FILLED
	916 - 920	19.0	FILLED
	916 - 920	20.0	FILLED
	923 - 925	UNKNOWN	FILLED
	924 - 926	38.0	FILLED
	928	18.0	FILLED
	930	UNKNOWN	FILLED
	931	20.5	FILLED
	933	63.0	FILLED
	936 - 938	39.0	
	940	47.0	FILLED
	1000 - 1002	11.0	FILLED
	1006	20.0	FILLED
	1010	UNKNOWN	FILLED
	1011	18.0	FILLED
	1014	UNKNOWN	FILLED
	1015	17.5	FILLED
	1016	UNKNOWN	FILLED
	1028	21.0	
	1040	UNKNOWN	FILLED
	1100	18.5	FILLED
	E. 9TH STREET	107	UNKNOWN
111		UNKNOWN	FILLED
113		UNKNOWN	FILLED
117		UNKNOWN	FILLED
123		UNKNOWN	FILLED
131 - 133		UNKNOWN	FILLED

CONCRETE PIER FOUNDATIONS (BY OTHERS) SCHEDULE

STATION	OFFSET	SIDE
123+78.28	63.21'	RIGHT
125+27.81	39.33'	RIGHT
125+31.41	39.33'	LEFT
126+05.74	39.33'	LEFT
126+05.74	39.33'	RIGHT
126+78.47	39.33'	LEFT
126+78.47	39.33'	RIGHT
127+44.01	39.31'	RIGHT
127+48.93	39.33'	LEFT
128+72.51	36.41'	LEFT
128+72.85	36.62'	RIGHT
129+50.31	39.33'	LEFT
130+98.00	39.33'	LEFT

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1170 SOUTH HOUBOLT ROAD
JOLIET, ILLINOIS 60431
(815) 744-4200

USER NAME = alexsc	DESIGNED - MAG	REVISED -
MODEL NAME = Default	DRAWN - DJW	REVISED -
PLOT SCALE = 2.0000' / in.	CHECKED - AMS	REVISED -
PLOT DATE = 3/16/2017	DATE = 3-26-2017	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

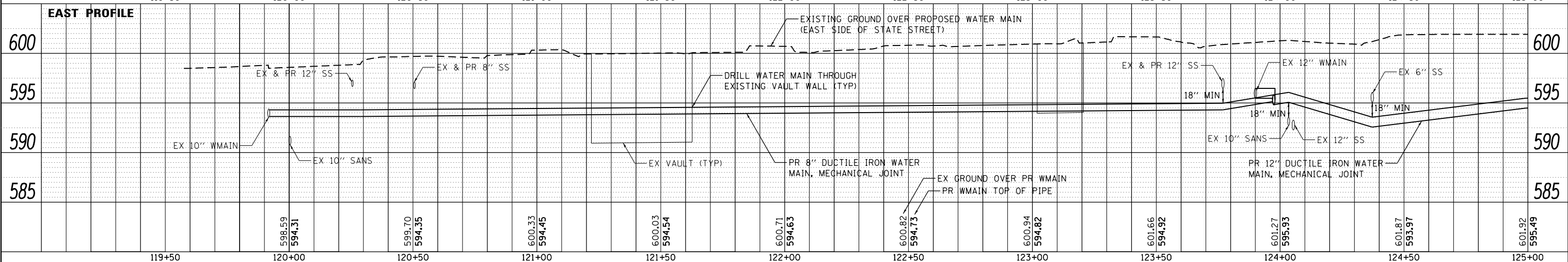
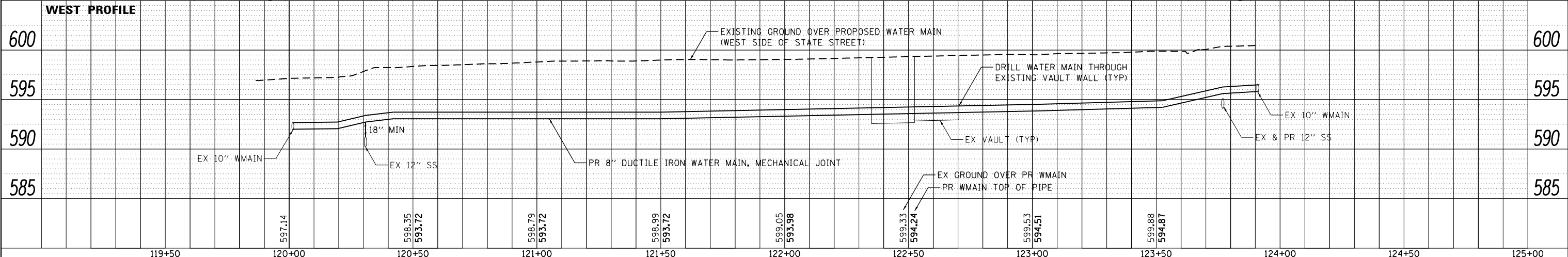
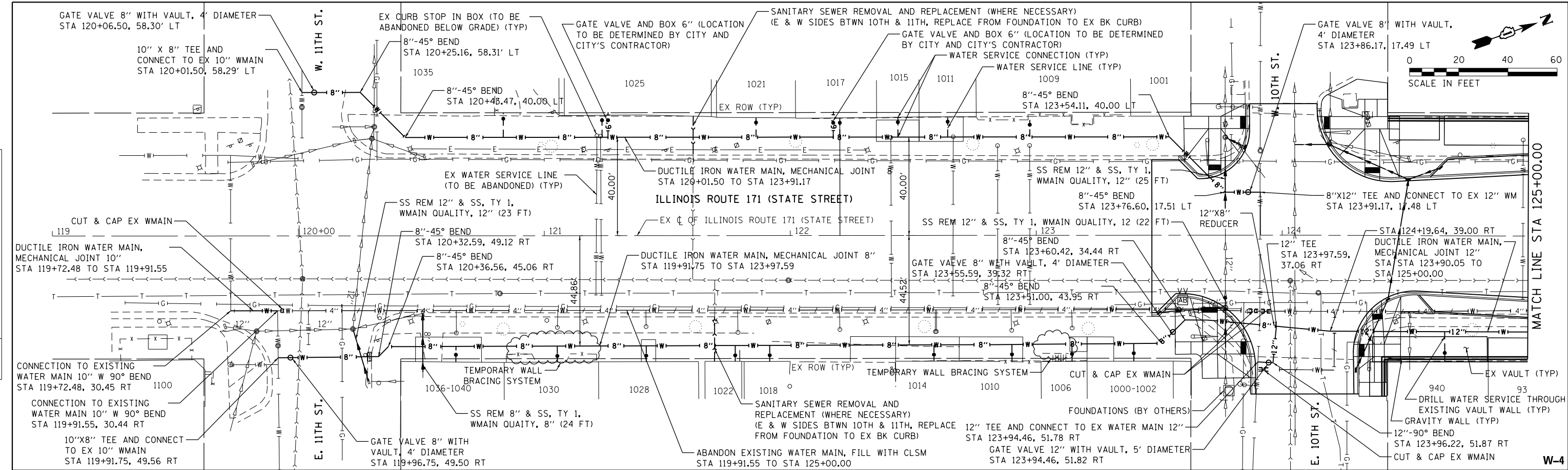
**ILLINOIS ROUTE 171 WATER MAIN REPLACEMENT
SCHEDULES OF QUANTITIES**

SCALE: N/A SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
577	D-EXT-N	WILL	140	55
CONTRACT NO. 62C09			ILLINOIS FED. AID PROJECT	

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

DATE	
BY	
PROFILE	SURVEYED
	PLOTTED
	CHECKED
	GRADES
	STRUCTURE
	NOTATIS
	CPKD
	NO.
	NO.
	NO.
	NO.



119+50	120+00	120+50	121+00	121+50	122+00	122+50	123+00	123+50	124+00	124+50	125+00
598.59 594.31	599.70 594.35	600.33 594.45	600.03 594.54	600.71 594.63	600.82 594.73	600.94 594.82	601.66 594.92	601.27 595.93	601.87 593.97	601.92 595.49	

1170 SOUTH HOUBOLT ROAD
JOLIET, ILLINOIS 60431
STRAND ASSOCIATES* (815) 744-4200

USER NAME = alexsc
MODEL NAME = Default
PLOT SCALE = 40.0000' / in.
PLOT DATE = 3/16/2017

DESIGNED - AMS
CHECKED - MAG
DRAWN - DJW
CHECKED - 3/20/2017

REVISED -
REVISED -
REVISED -
REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

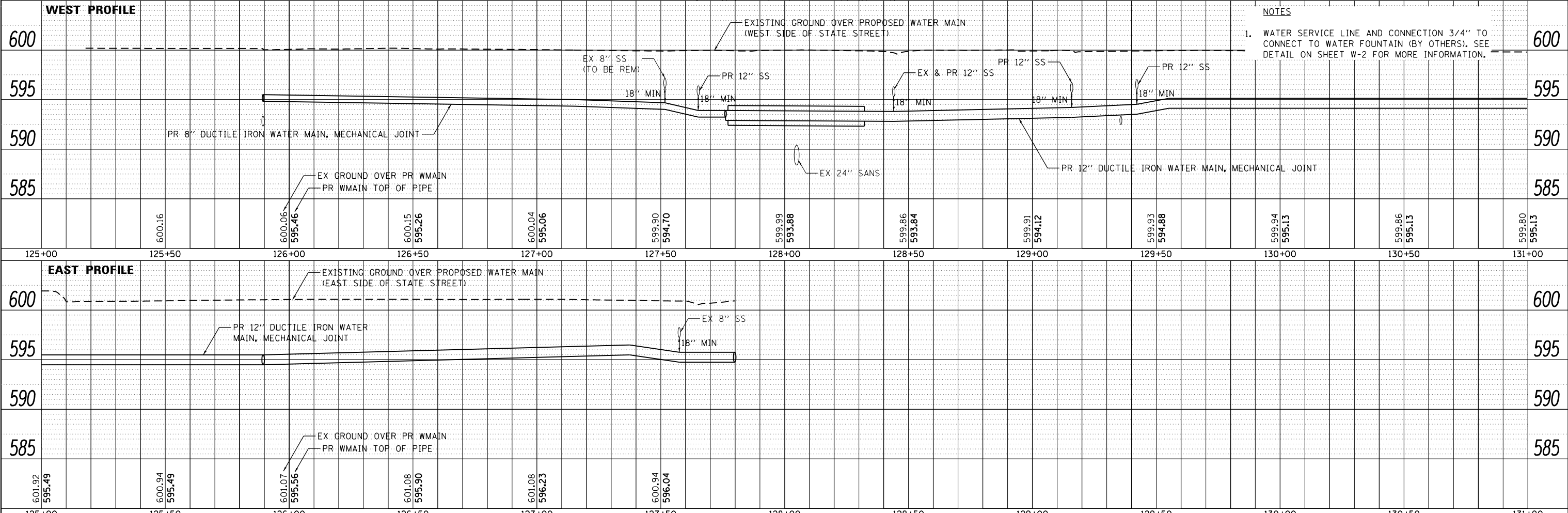
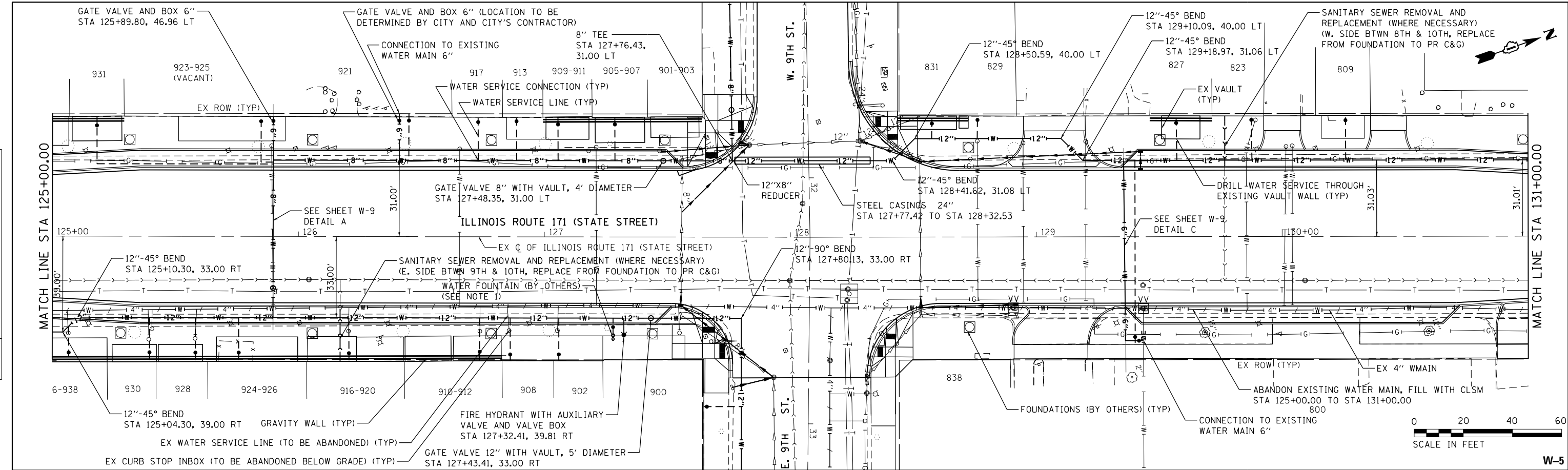
ILLINOIS ROUTE 171 WATER MAIN REPLACEMENT
PLAN AND PROFILE
SCALE: 20H 5V SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
577	D-EXT-N	WILL	140	56
CONTRACT NO. 62C09			ILLINOIS FED. AID PROJECT	

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DATE	
BY	
PLAN	SURVEYED
	PLOTTED
	ALIGNED
	CHECKED
	DESIGNED
	NOTED
	FILED
	NO.

DATE	
BY	
PROFILE	SURVEYED
	PLOTTED
	GRADES
	CHECKED
	STRUCTURE
	NOTED
	FILED
	NO.



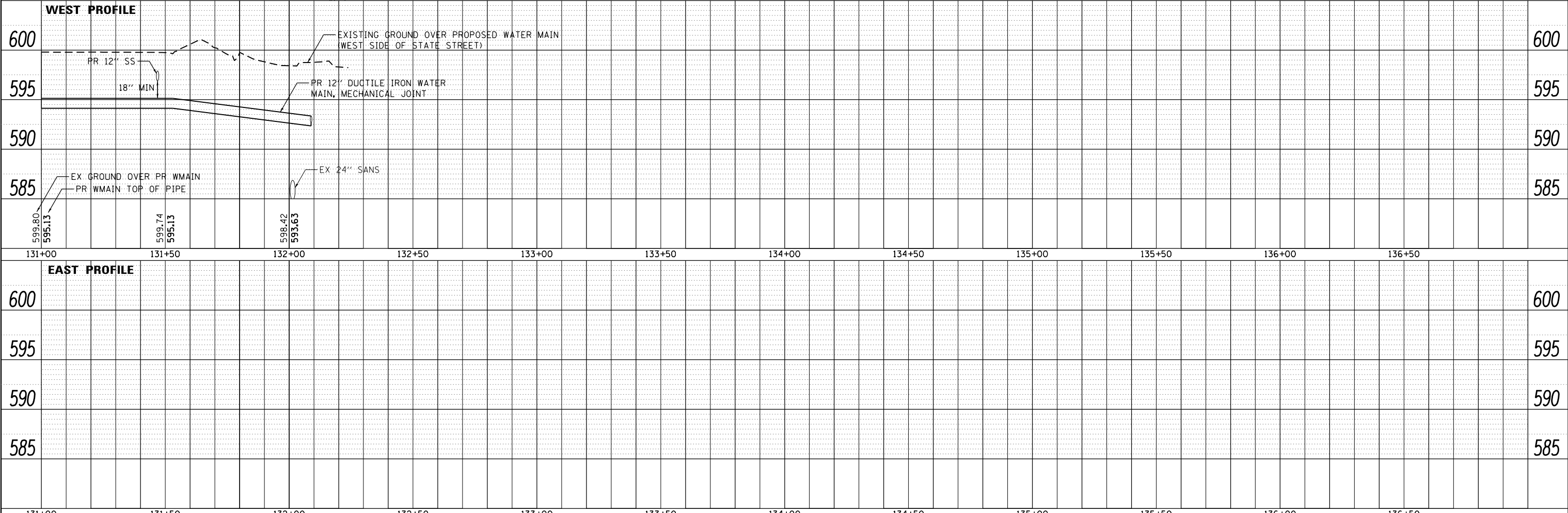
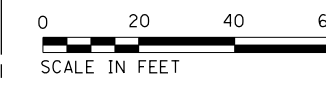
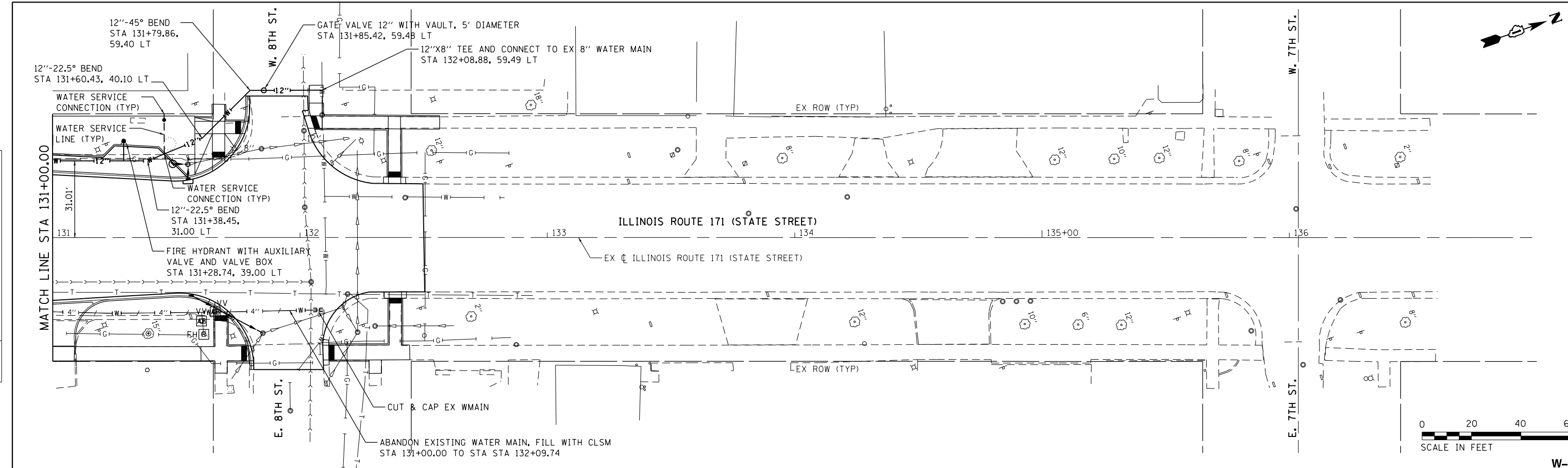
NOTES

1. WATER SERVICE LINE AND CONNECTION 3/4" TO CONNECT TO WATER FOUNTAIN (BY OTHERS). SEE DETAIL ON SHEET W-2 FOR MORE INFORMATION.

<p>1170 SOUTH HOUBOLT ROAD JOLIET, ILLINOIS 60431 (815) 744-4200</p>	USER NAME = alexsc MODEL NAME = Default PLOT SCALE = 40.0000' / in. PLOT DATE = 3/20/2017	DESIGNED - AMS CHECKED - MAG DRAWN - DJW CHECKED - 1-26-17	REVISED - REVISED - REVISED - REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	ILLINOIS ROUTE 171 WATER MAIN REPLACEMENT PLAN AND PROFILE	F.A.P. RTE. = 577 SECTION = D-EXT-N COUNTY = WILL CONTRACT NO. = 62C09	TOTAL SHEETS = 140 SHEET NO. = 57	SCALE: 20H 5V SHEET OF SHEETS STA. TO STA.	ILLINOIS FED. AID PROJECT
--	--	---	--	---	---	---	--------------------------------------	---	---------------------------

PLAN	SURVEYED	DATE
	PLOTTED	BY
	GRADES CHECKED	
	ALIGNMENT CHECKED	
	STRUCTURE NOTATIONS CHECKED	
	FILE NAME	
	NO.	

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



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STRAND ASSOCIATES*
 1170 SOUTH HOUBOLT ROAD
 JOLIET, ILLINOIS 60431
 (815) 744-4200

USER NAME = alexsc	DESIGNED - AMS	REVISED -
MODEL NAME = Default	CHECKED - MAG	REVISED -
PLOT SCALE = 40.0000' / in.	DRAWN - DJW	REVISED -
PLOT DATE = 3/16/2017	CHECKED - 3/20/2017	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

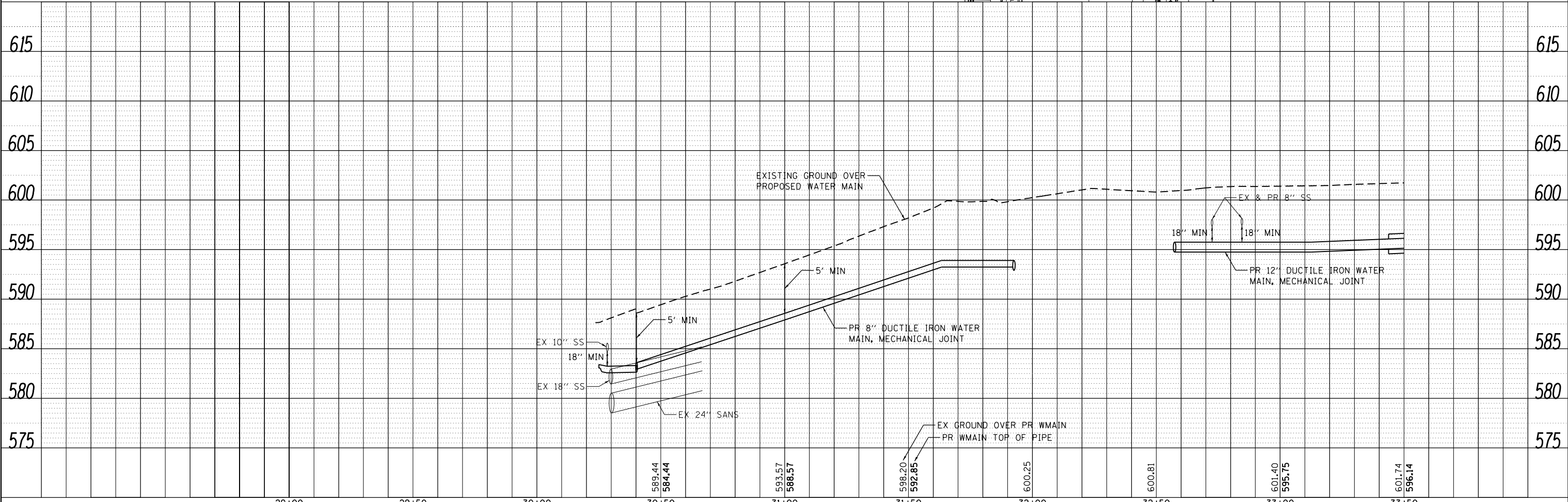
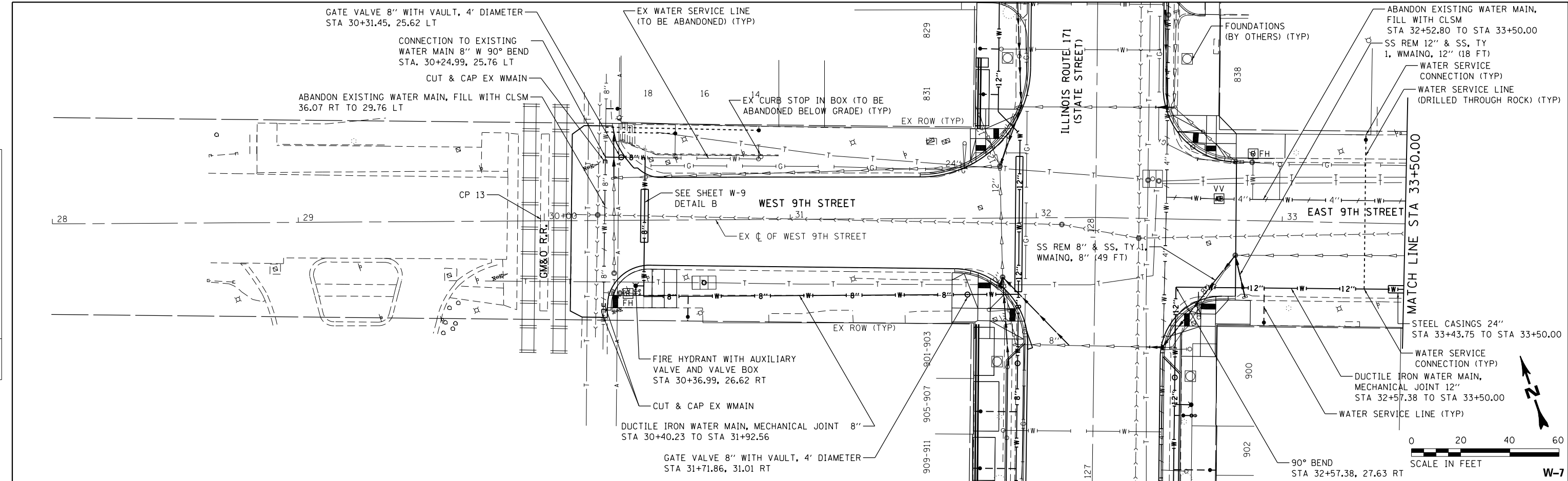
**ILLINOIS ROUTE 171 WATER MAIN REPLACEMENT
 PLAN AND PROFILE**

SCALE: 20H 5V SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
577	D-EXT-N	WILL	140	58
CONTRACT NO. 62C09			ILLINOIS FED. AID PROJECT	

PLAN	SURVEYED	DATE
	PLOTTED	
	ALIGNED	
	CHECKED	
	FILED	
	NO.	

PROFILE	SURVEYED	DATE
	PLOTTED	
	GRADES	
	CHECKED	
	STRUCTURE	
	NOTATIS	
	CHFD	
	NO.	



29+00	29+50	30+00	30+50	31+00	31+50	32+00	32+50	33+00	33+50
			589.44 584.44	593.57 588.57	598.20 592.85	600.25	600.81	601.40 595.75	601.74 596.14

STRAND ASSOCIATES
1170 SOUTH HOUBOLT ROAD
JOLIET, ILLINOIS 60431
(815) 744-4200

USER NAME = alexsc	DESIGNED - AMS	REVISED -
MODEL NAME = Default	DRAWN - DJW	REVISED -
PLOT SCALE = 40.0000' / in.	CHECKED - MAG	REVISED -
PLOT DATE = 3/20/2017	DATE - 1-26-17	REVISED -

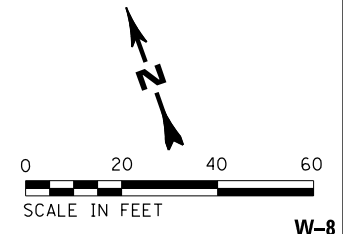
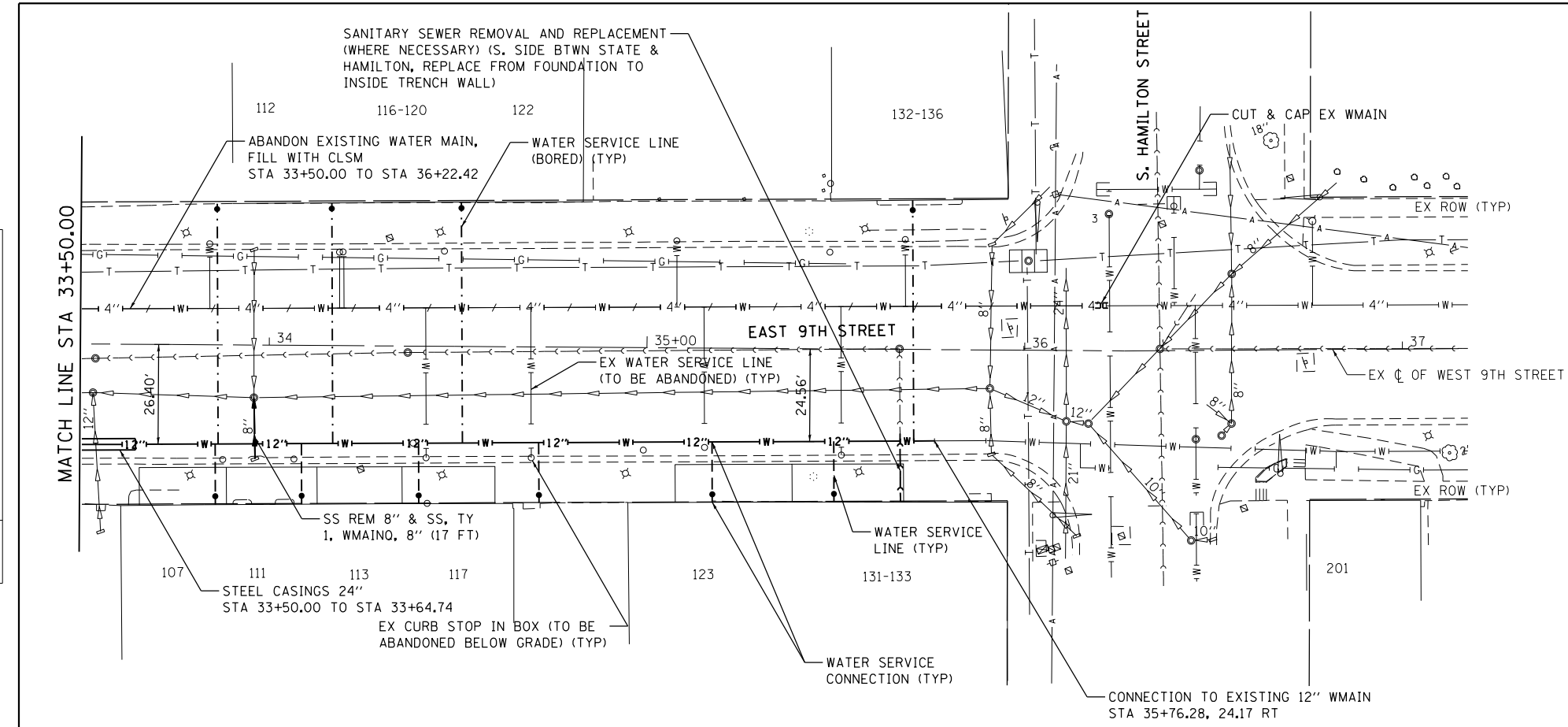
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

ILLINOIS ROUTE 171 WATER MAIN REPLACEMENT			
PLAN AND PROFILE			
SCALE: 20H-5V	SHEET	OF SHEETS	STA. TO STA.

F.A.P. RTE. 577	SECTION D-EXT-N	COUNTY WILL	TOTAL SHEETS 140	SHEET NO. 59
CONTRACT NO. 62C09			ILLINOIS FED. AID PROJECT	

PLAN	SURVEYED	DATE
	PLOTTED	
	CHECKED	
	FILE NAME	
	NO.	

PROFILE	SURVEYED	DATE
	PLOTTED	
	CHECKED	
	FILE NAME	
	NO.	



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STRAND ASSOCIATES
1170 SOUTH HOUBOLT ROAD
JOLIET, ILLINOIS 60431
(815) 744-4200

USER NAME = alexsc
MODEL NAME = Default
PLOT SCALE = 40.0000' / in.
PLOT DATE = 3/16/2017

DESIGNED - AMS
DRAWN - DJW
CHECKED - MAG
DATE - 3/20/2017

REVISED -
REVISED -
REVISED -
REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

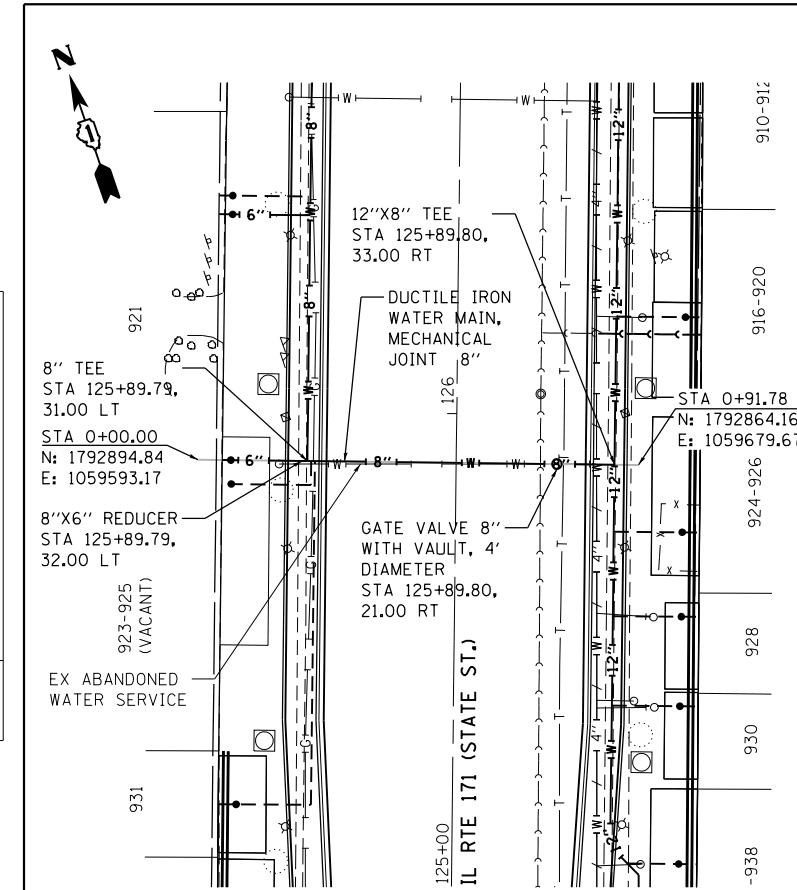
**ILLINOIS ROUTE 171 WATER MAIN REPLACEMENT
PLAN AND PROFILE**

SCALE: 20H-5V SHEET OF SHEETS STA. TO STA.

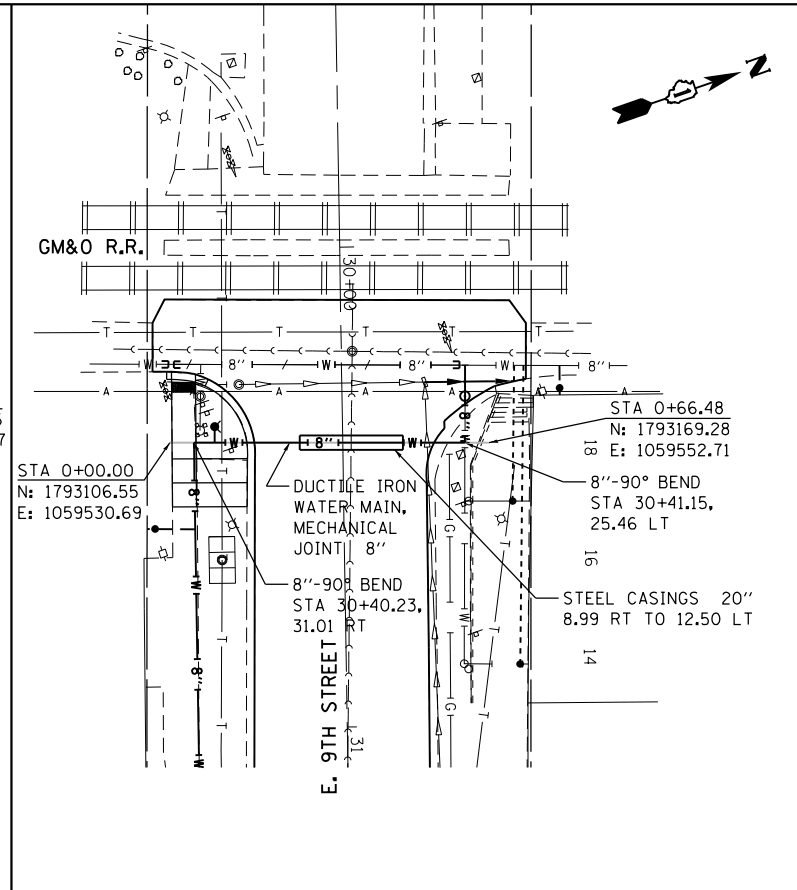
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
577	D-EXT-N	WILL	140	60
CONTRACT NO. 62C09			ILLINOIS FED. AID PROJECT	

PLAN	SURVEYED	DATE
	PLOTTED	
	GRADES CHECKED	
	STRUCTURE NOT AT THIS OFFICE	
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	FILE NAME	

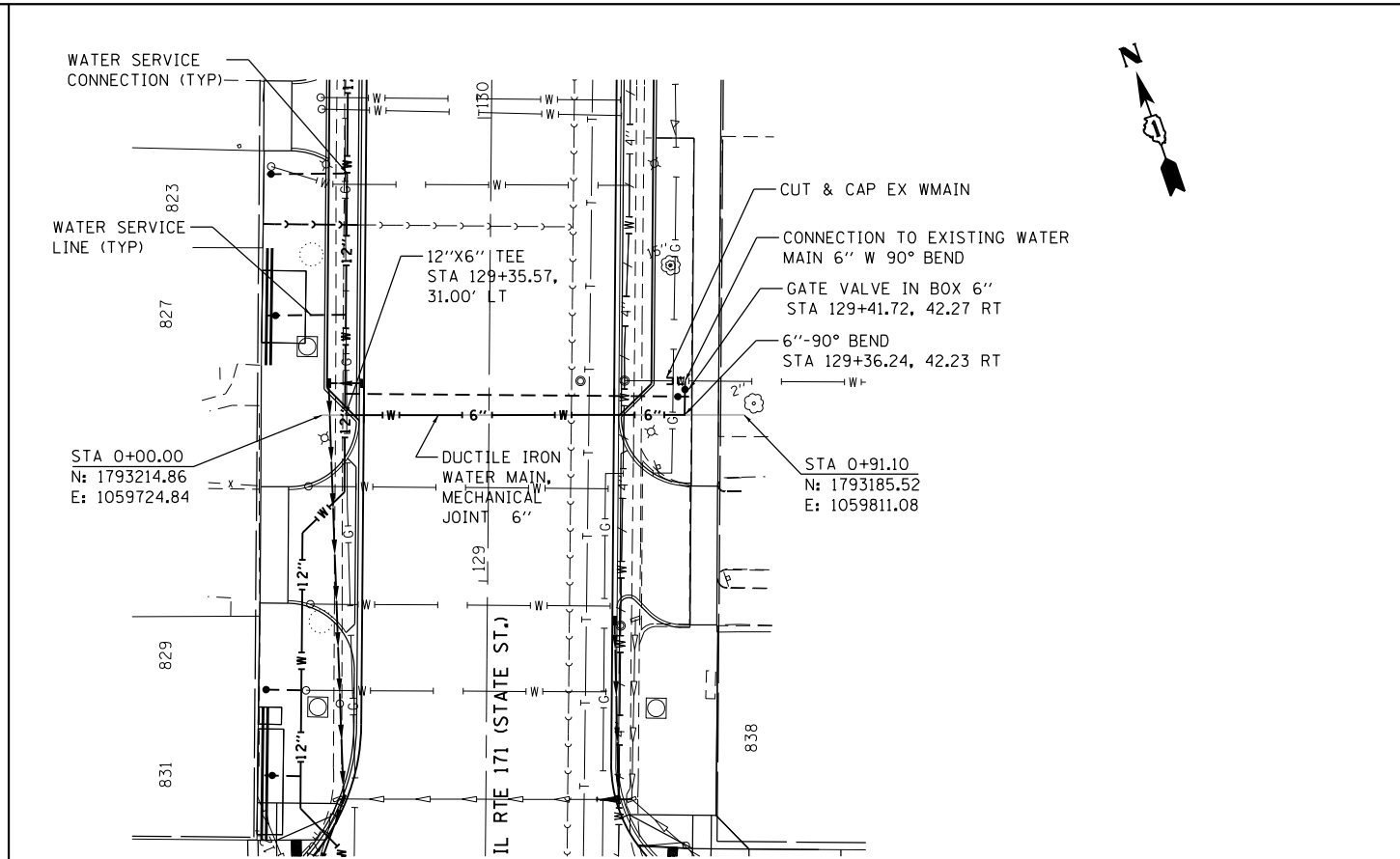
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	FILE NAME	



DETAIL A

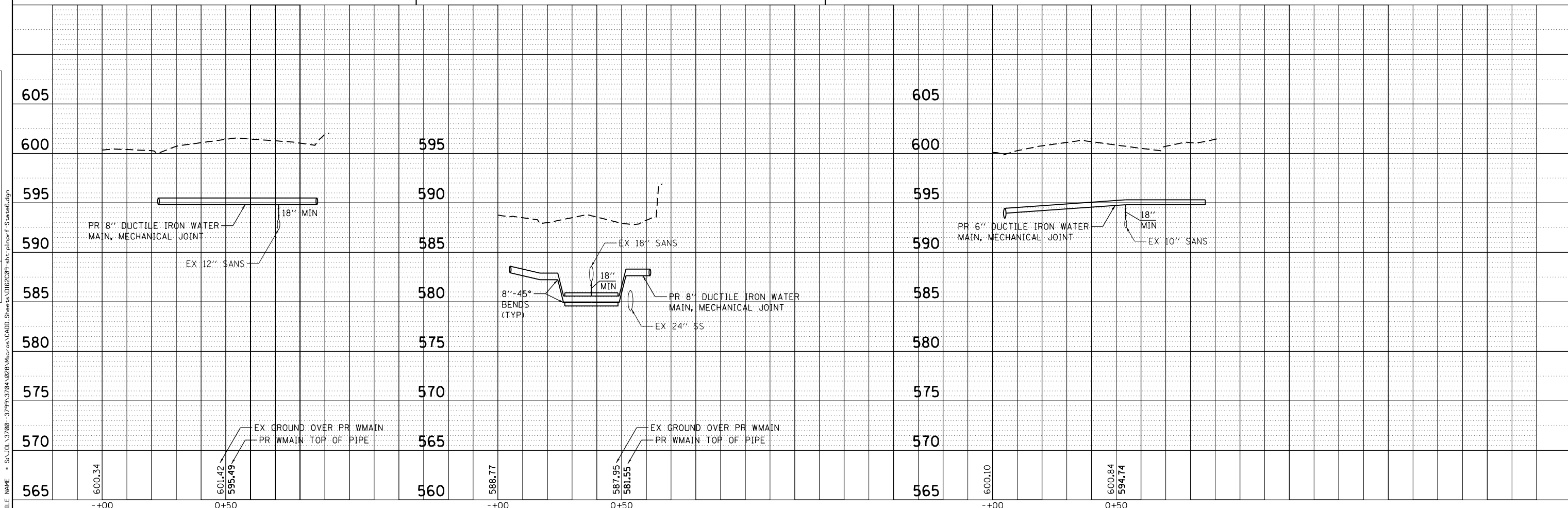


DETAIL B



DETAIL C

W-9



STRAND ASSOCIATES*
1170 SOUTH HOUBOLT ROAD
JOLIET, ILLINOIS 60431
(815) 744-4200

USER NAME = alexsc
MODEL NAME = Default
PLOT SCALE = 40.0000' / in.
PLOT DATE = 3/16/2017

DESIGNED - AMS
DRAWN - DJW
CHECKED - MAG
DATE - 3/20/2017

REVISED -
REVISED -
REVISED -
REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**ILLINOIS ROUTE 171 WATER MAIN REPLACEMENT
PLAN AND PROFILE**

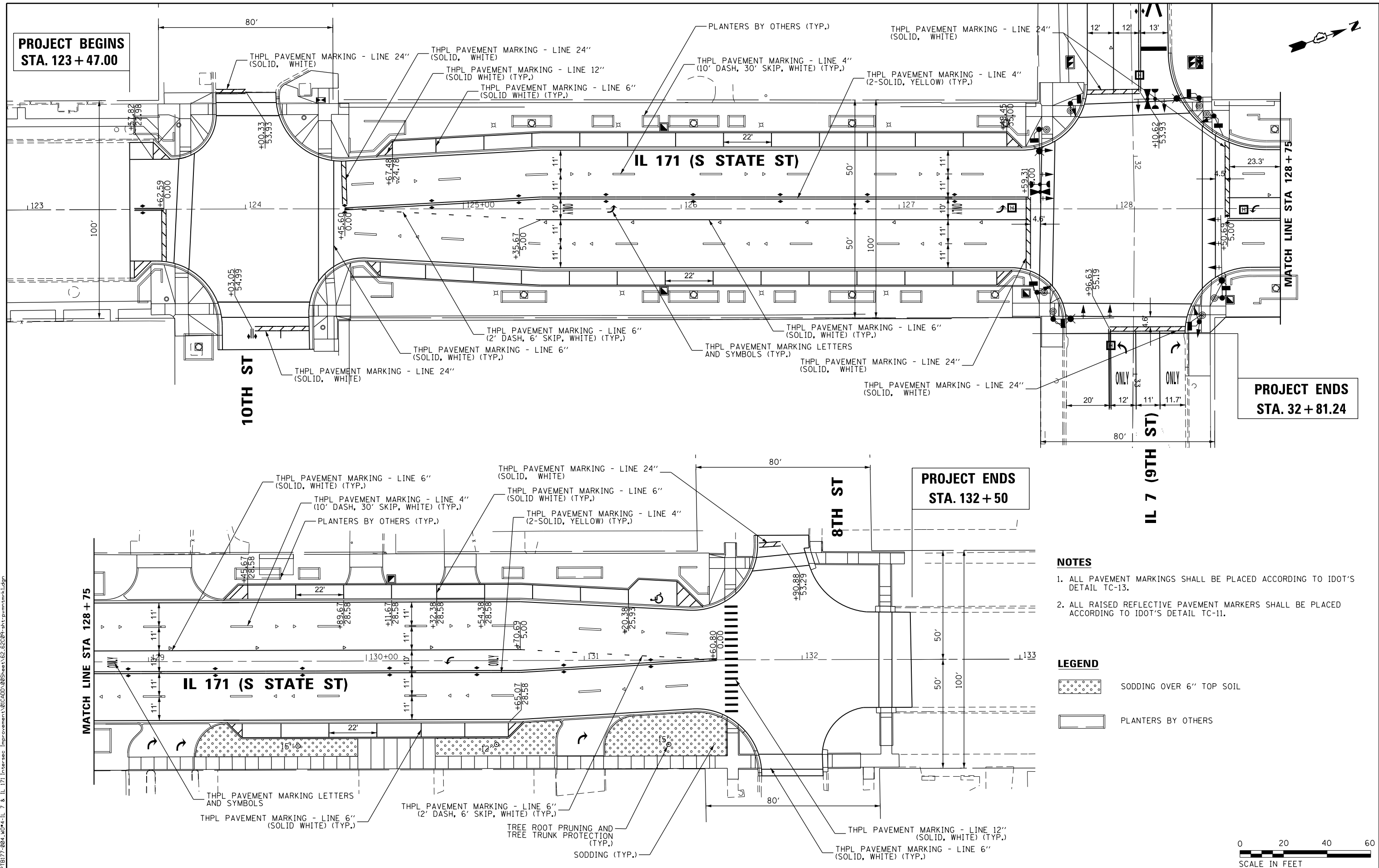
SCALE: 20H-5V SHEET OF SHEETS STA. TO STA.

F.A.P. RTE. 577	SECTION D-EXT-N	COUNTY WILL	TOTAL SHEETS 140	SHEET NO. 61
CONTRACT NO. 62C09			ILLINOIS FED. AID PROJECT	

**PROJECT BEGINS
STA. 123 + 47.00**

**PROJECT ENDS
STA. 32 + 81.24**

**PROJECT ENDS
STA. 132 + 50**



- NOTES**
1. ALL PAVEMENT MARKINGS SHALL BE PLACED ACCORDING TO IDOT'S DETAIL TC-13.
 2. ALL RAISED REFLECTIVE PAVEMENT MARKERS SHALL BE PLACED ACCORDING TO IDOT'S DETAIL TC-11.

- LEGEND**
- SODDING OVER 6" TOP SOIL
 - PLANTERS BY OTHERS



P:\606162005\04-PTB177-004_404-IL-7 & IL-171 Intersect Improvements\01C000_08Sheet\62-62C09-ahf-pavmark.kldgn

AES Services, Inc.
111 S. Wacker Drive, Suite 3910
Chicago, IL 60606
Ph: 312-235-6783

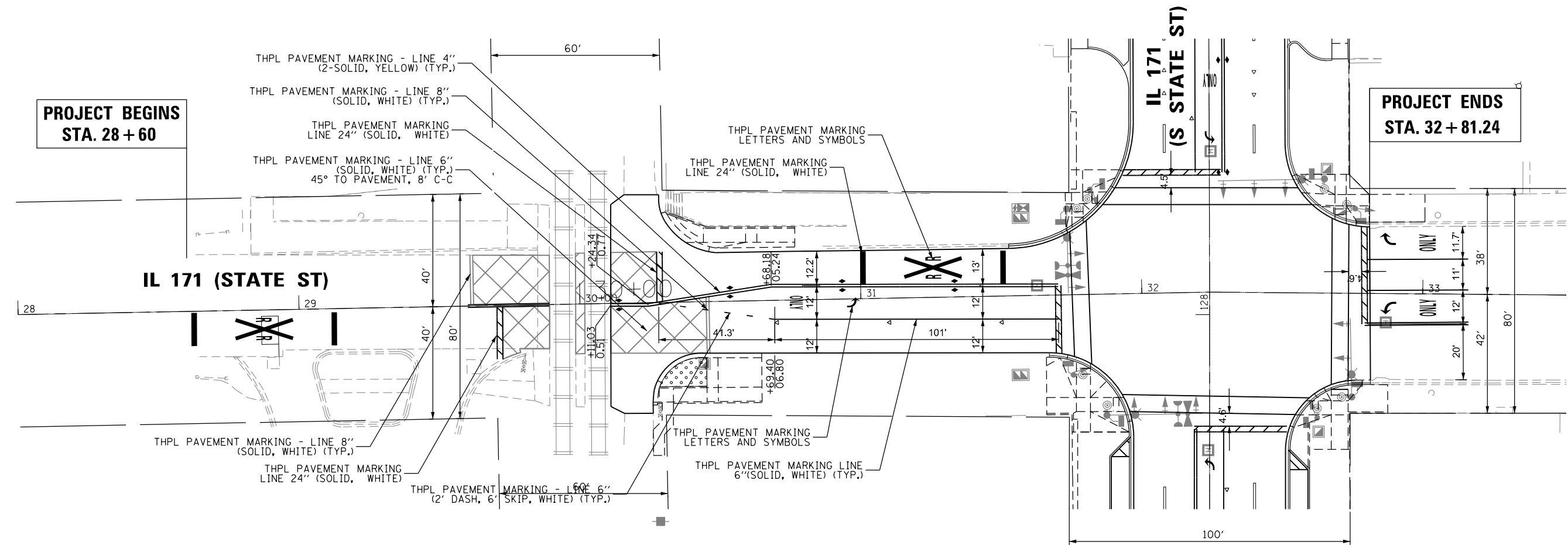
USER NAME = tmohammed	DESIGNED - AWM	REVISED -
DRAWN - TOM	REVISED -	
PLOT SCALE = 48.0000' / in.	CHECKED - JA	REVISED -
PLOT DATE = 5/11/2017	DATE - 3/20/2017	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**IL 171 (STATE ST.) & IL 7 (9TH ST.) IMPROVEMENTS
IL 171 - PAVEMENT MARKING & LANDSCAPE PLAN**

SCALE SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
577	D-EXT-N	WILL	140	62
CONTRACT NO. 62C09				
ILLINOIS FED. AID PROJECT				



**PROJECT BEGINS
STA. 28 + 60**

**PROJECT ENDS
STA. 32 + 81.24**

IL 171 (STATE ST)

**IL 171
(S STATE ST)**

NOTES

1. ALL PAVEMENT MARKINGS SHALL BE PLACED ACCORDING TO IDOT'S DETAIL TC-13 AND TC-23
2. ALL RAISED REFLECTIVE PAVEMENT MARKERS SHALL BE PLACED ACCORDING TO IDOT'S DETAIL TC-11.



H:\606162005\04-PTB177-004.dwg & IL 171 Intersect Improvements\01\CADD\08\Sheets\63_62C09-sh1-pavmark.k2.dgn

AES Services, Inc.
111 S. Wacker Drive, Suite 3910
Chicago, IL 60606
Ph: 312-235-6783

USER NAME = Abdul Waheed	DESIGNED - AWM	REVISED -
DRAWN - TOM	REVISED -	
PLOT SCALE = 40.0000' / in.	CHECKED - JA	REVISED -
PLOT DATE = 6/9/2017	DATE - 3/20/2017	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**IL 171 (STATE ST.) & IL 7 (9TH ST.) IMPROVEMENTS
IL 7 (9 ST.) - PAVEMENT MARKING & LANDSCAPE PLAN**

SCALE SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
577	D-EXT-N	WILL	140	63
CONTRACT NO. 62C09				
ILLINOIS FED. AID PROJECT				

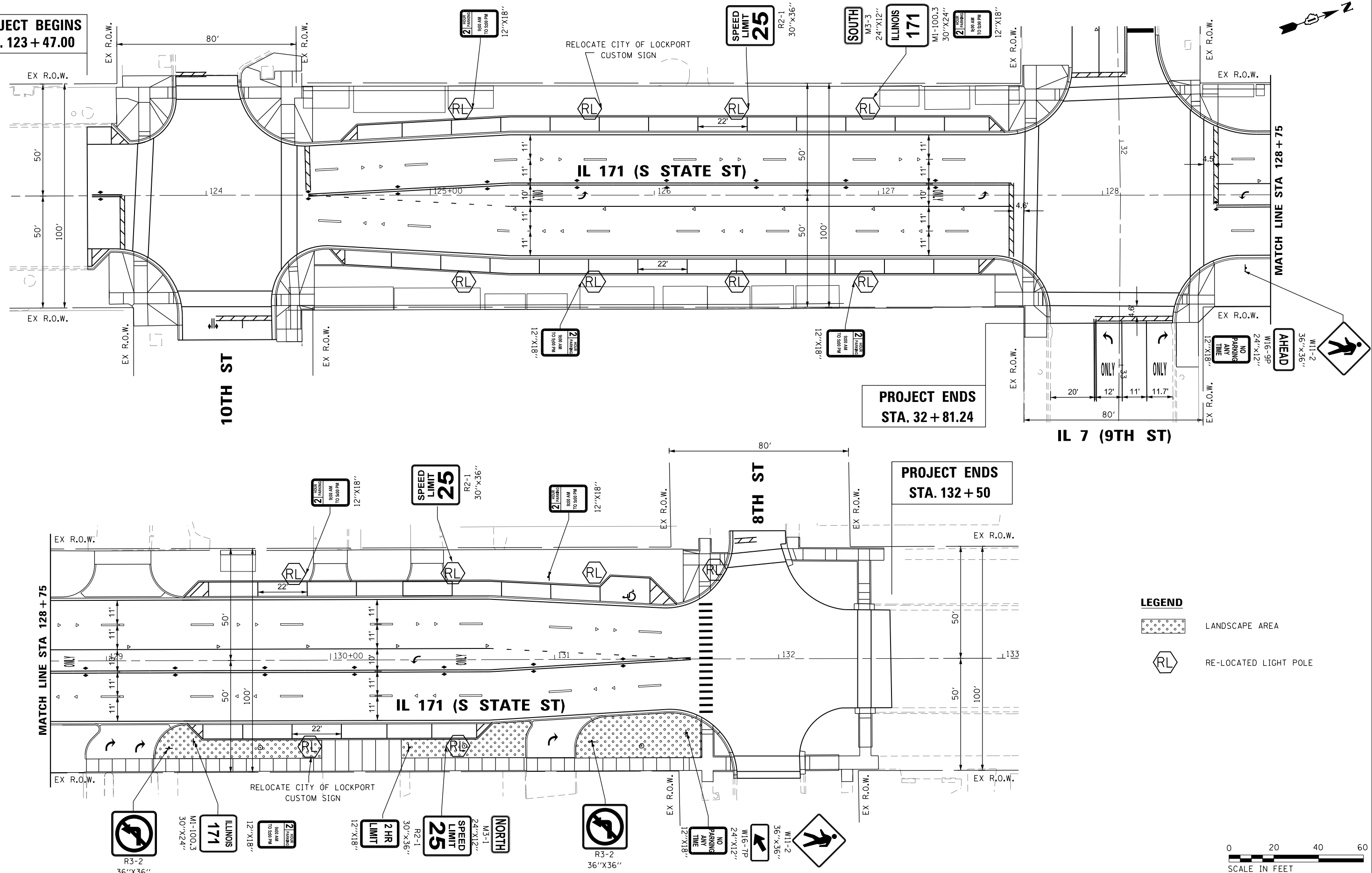
**PROJECT BEGINS
STA. 123 + 47.00**

**PROJECT ENDS
STA. 32 + 81.24**

**PROJECT ENDS
STA. 132 + 50**

MATCH LINE STA 128 + 75

MATCH LINE STA 128 + 75



LEGEND

- LANDSCAPE AREA
- RE-LOCATED LIGHT POLE



H:\606162005\04-PTB177-004-404-IL-7 & IL-171 Intersect Improvements\01CADD\08Sheets\64-62C09-sht-signage-plan.dgn

AES Services, Inc.
111 S. Wacker Drive, Suite 3910
Chicago, IL 60606
Ph: 312-235-6783

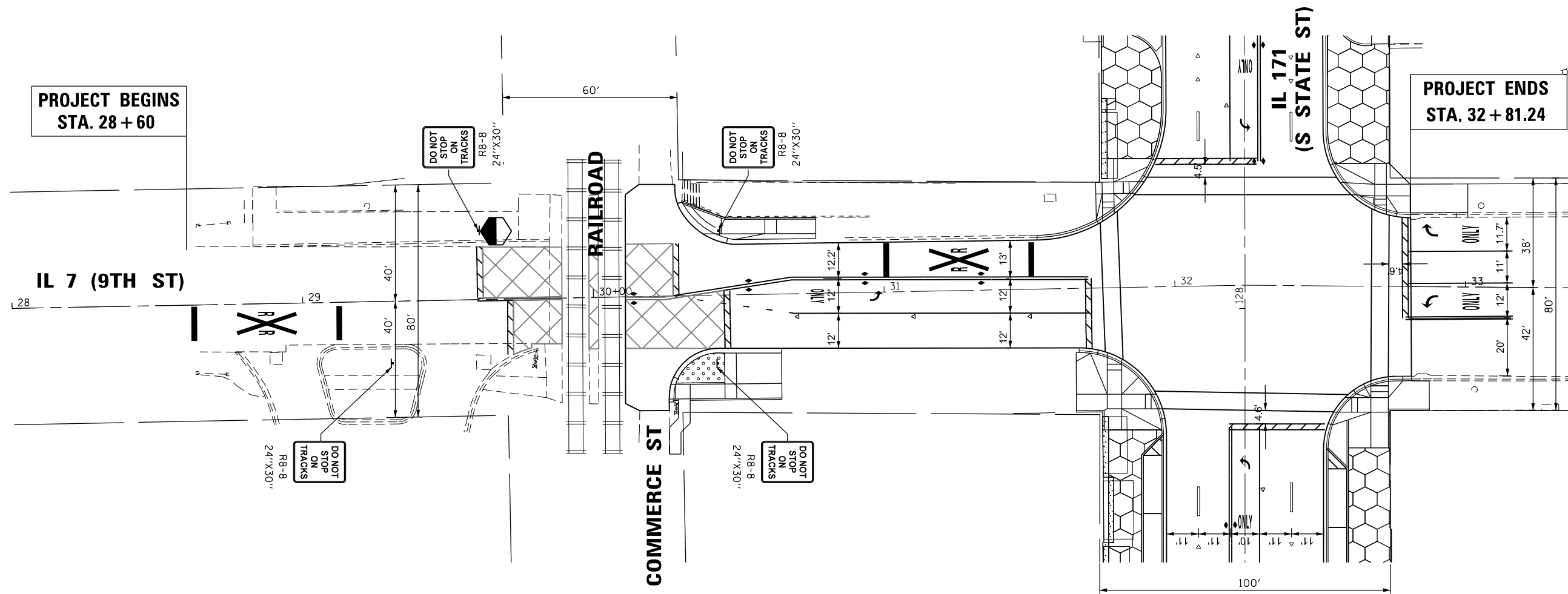
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DRAWN - TOM	CHECKED - JA	REVISED -
PLOT SCALE = 48.0000' / in.	DATE - 3/20/2017	REVISED -
PLOT DATE = 6/9/2017		

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**IL 171 (STATE ST.) & IL 7 (9TH ST.) IMPROVEMENTS
IL 171 - SIGNAGE PLAN**

SCALE SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
577	D-EXT-N	WILL	140	64
CONTRACT NO. 62C09				
ILLINOIS FED. AID PROJECT				



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AES Services, Inc.
111 S. Wacker Drive, Suite 3910
Chicago, IL 60606
Ph: 312-235-6783

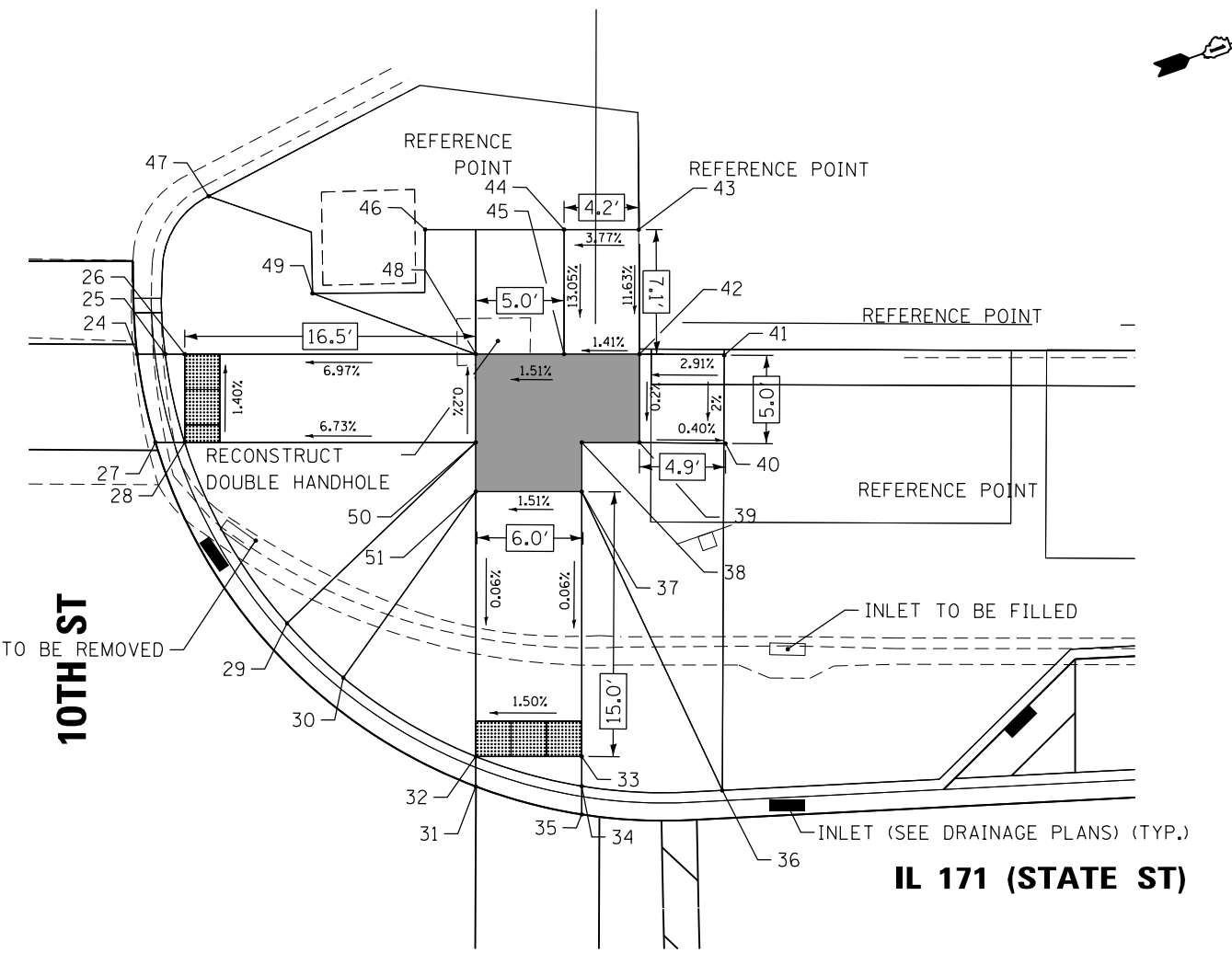
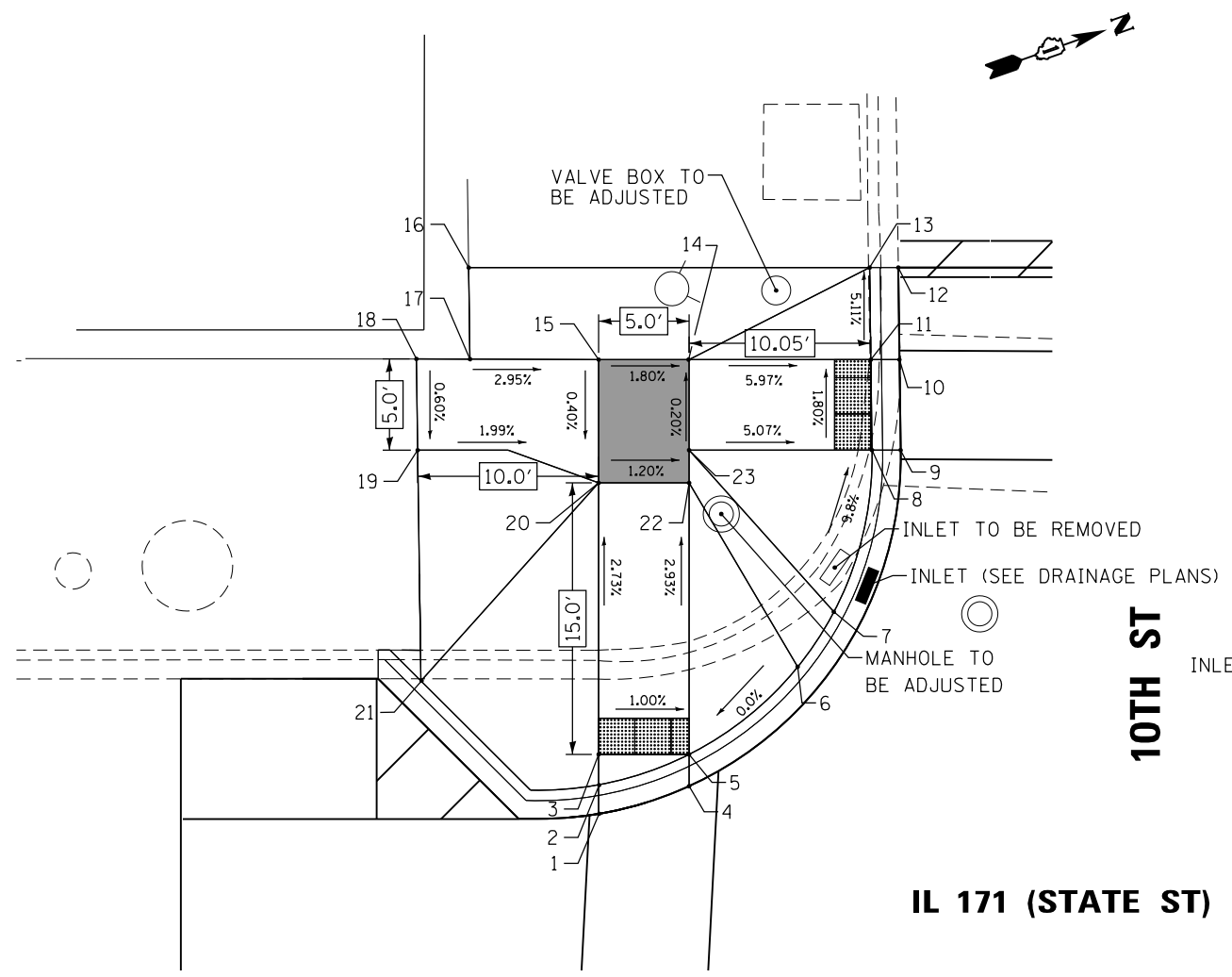
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DRAWN - TOM	REVISED -	
PLOT SCALE = 40.0000' / in.	CHECKED - JA	REVISED -
PLOT DATE = 5/11/2017	DATE - 3/20/2017	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**IL 171 (STATE ST.) & IL 7 (9TH ST.) IMPROVEMENTS
IL 7 (9TH ST.) - SIGNAGE PLAN**

SCALE	SHEET	OF	SHEETS	STA.	TO	STA.
-------	-------	----	--------	------	----	------

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
577	D-EXT-N	WILL	140	65
CONTRACT NO. 62C09				
ILLINOIS FED. AID PROJECT				



**10TH STREET
ADA RAMP ELEVATION TABLE**

POINT NO.:	STATION	OFFSET	ELEVATION
1	123+70.09	23.27 LT	M.E. (600.10)
2	123+70.09	24.88 LT	600.09
3	123+70.10	26.56 LT	600.10
4	123+75.09	24.80 LT	M.E. (600.06)
5	123+75.09	26.56 LT	600.05
6	123+81.09	31.39 LT	600.05
7	123+83.09	34.43 LT	600.05
8	123+85.20	43.36 LT	599.13
9	123+86.78	43.36 LT	599.14
10	123+86.72	48.36 LT	599.05

**10TH STREET
ADA RAMP ELEVATION TABLE**

POINT NO.:	STATION	OFFSET	ELEVATION
11	123+85.14	48.36 LT	599.03
12	123+86.65	53.45 LT	M.E. (598.34)
13	123+85.07	53.45 LT	M.E. (598.78)
14	123+75.09	48.36 LT	599.63
15	123+70.09	48.36 LT	599.72
16	123+62.91	53.45 LT	M.E. (599.44)
17	123+62.98	48.39 LT	M.E. (599.93)
18	123+60.02	48.40 LT	M.E. (599.93)
19	123+60.09	43.36 LT	M.E. (599.90)
20	123+70.09	41.56 LT	599.69
21	123+60.27	30.61 LT	M.E. (600.20)
22	123+75.09	41.56 LT	599.61
23	123+75.09	43.36 LT	M.E. (599.64)

**10TH STREET
ADA RAMP ELEVATION TABLE**

POINT NO.:	STATION	OFFSET	ELEVATION
24	124+14.25	48.23 LT	598.90
25	124+15.84	48.24 LT	598.89
26	124+16.94	48.25 LT	598.90
27	124+15.31	43.24 LT	598.98
28	124+16.96	43.25 LT	598.97
29	124+22.81	33.03 LT	600.14
30	124+26.01	29.96 LT	600.14
31	124+33.54	25.53 LT	M.E. (600.09)
32	124+33.54	23.84 LT	600.08
33	124+39.54	25.56 LT	600.17
34	124+39.54	23.88 LT	600.17
35	124+39.55	22.28 LT	M.E. (600.18)
36	124+47.50	23.68 LT	M.E. (600.68)

**10TH STREET
ADA RAMP ELEVATION TABLE**

POINT NO.:	STATION	OFFSET	ELEVATION
37	124+39.46	40.56 LT	600.18
38	124+39.45	43.35 LT	600.18
39	124+42.72	43.37 LT	600.23
40	124+47.50	43.32 LT	M.E. (600.21)
41	124+47.50	48.37 LT	M.E. (600.33)
42	124+42.69	48.37 LT	600.19
43	124+42.62	55.42 LT	M.E. (599.37)
44	124+38.39	55.40 LT	M.E. (599.21)
45	124+38.43	48.35 LT	600.13
46	124+30.53	55.36 LT	M.E. (598.87)
47	124+18.25	57.19 LT	M.E. (598.02)
48	124+33.43	48.32 LT	600.05
49	124+24.16	51.72 LT	M.E. (599.09)
50	124+33.45	43.32 LT	600.09
51	124+33.46	40.53 LT	600.09

LEGEND

- DETECTABLE WARNING
- PROPOSED SIDE CURB
- (XXX.XX) EXISTING ELEVATION / SLOPE
- TURNING SPACE / LEVEL LANDING



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AES Services, Inc.
111 S. Wacker Drive, Suite 3910
Chicago, IL 60606
Ph: 312-235-6783

USER NAME = tmohammed	DESIGNED - AWM	REVISED -
DRAWN - TOM	REVISOR -	
PLOT SCALE = 10.0000' / in.	CHECKED - JA	REVISOR -
PLOT DATE = 5/11/2017	DATE - 3/20/2017	REVISOR -

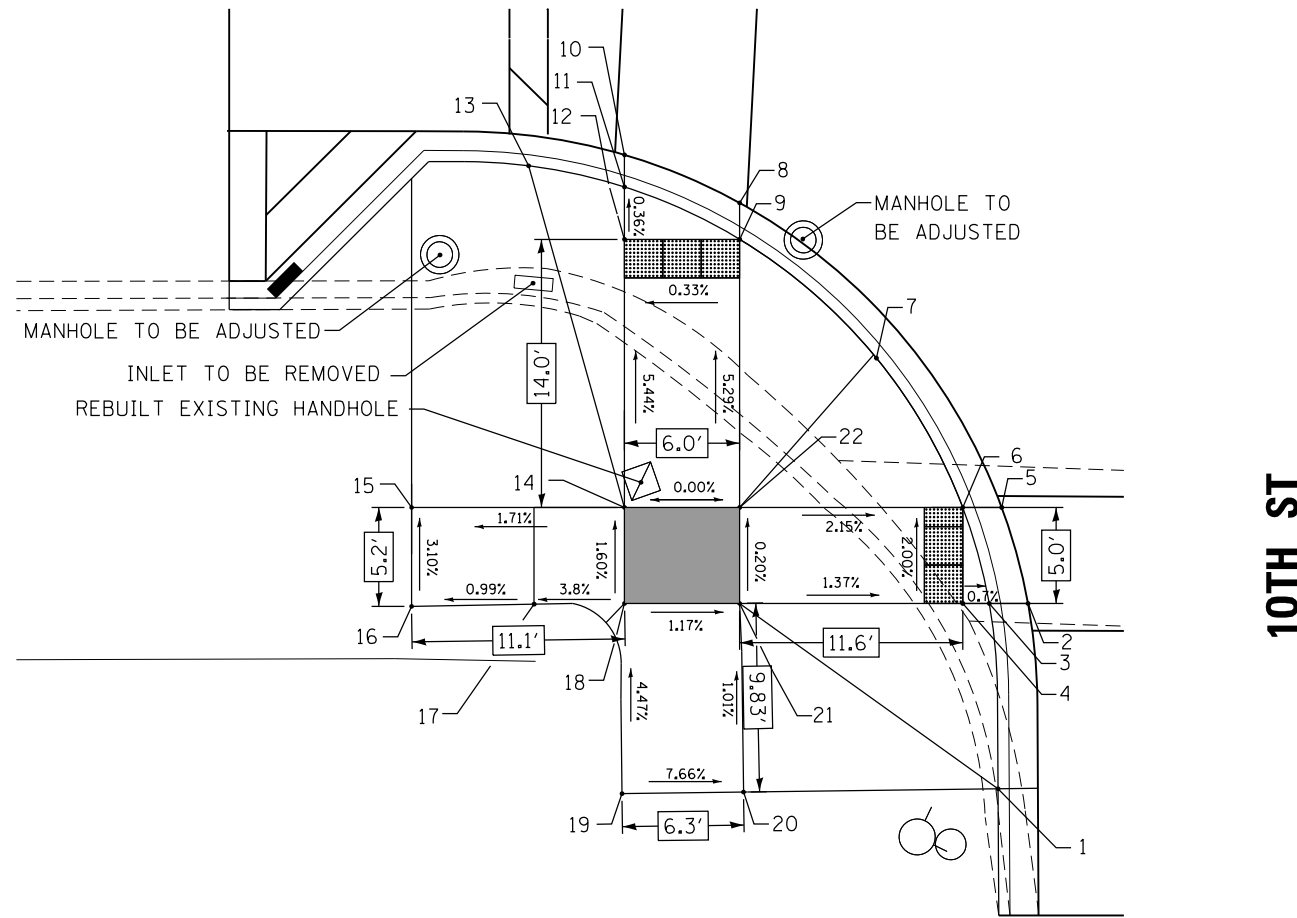
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**IL 171 (STATE ST.) & IL 7 (9TH ST.) IMPROVEMENTS
ADA RAMP DESIGN - S STATE ST & E 10TH ST**

F.A.P. R.E. 577	SECTION D-EXT-N	COUNTY WILL	TOTAL SHEETS 140	SHEET NO. 66
CONTRACT NO. 62C09			ILLINOIS FED. AID PROJECT	

SCALE SHEET OF SHEETS STA. TO STA.

IL 171 (STATE ST)



10TH ST

10TH STREET ADA RAMP ELEVATION TABLE

POINT NO.:	STATION	OFFSET	ELEVATION
1		57.97 RT	M.E. (601.85)
2	123+88.61	48.32 RT	M.E. (601.36)
3	123+86.59	48.32 RT	601.35
4	123+85.21	48.32 RT	601.36
5	123+87.23	43.32 RT	601.27
6	123+85.21	43.32 RT	601.26
7	123+80.57	35.36 RT	601.47
8	123+73.59	27.45 RT	M.E. (600.78)
9	123+73.59	29.35 RT	600.77
10	123+67.59	24.94 RT	600.75
11	123+67.59	26.62 RT	600.74
12	123+67.59	29.34 RT	600.75
13	123+62.59	25.52 RT	600.16
14	123+67.59	43.32 RT	601.51

10TH STREET ADA RAMP ELEVATION TABLE

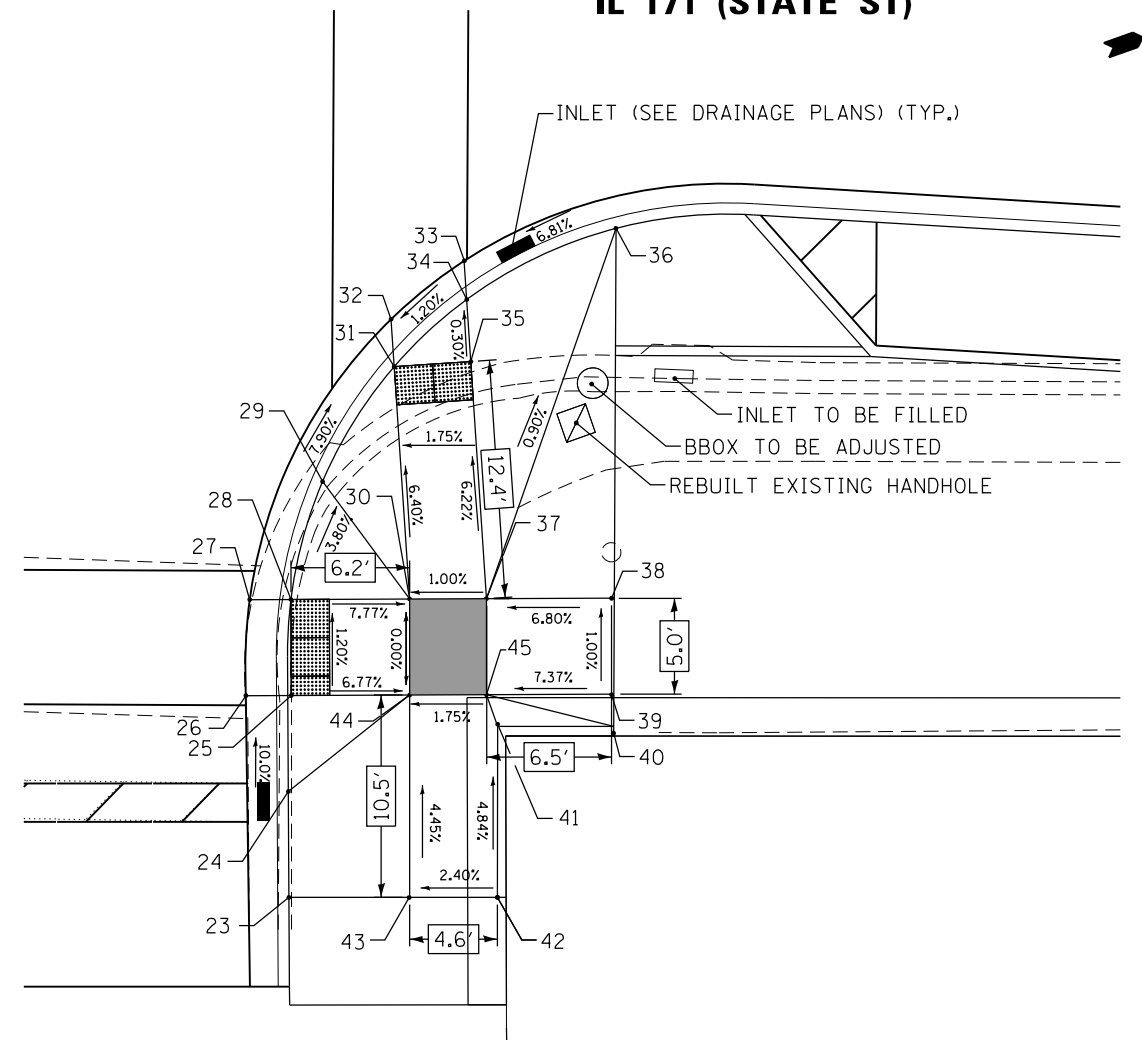
POINT NO.:	STATION	OFFSET	ELEVATION
15	123+56.50	43.32 RT	M.E. (601.32)
16	123+56.50	48.47 RT	M.E. (601.48)
17	123+62.88	48.35 RT	M.E. (601.42)
18	123+67.59	48.32 RT	M.E. (601.60)
19	123+67.46	58.23 RT	M.E. (602.04)
20	123+73.79	58.14 RT	M.E. (601.62)
21	123+73.59	48.32 RT	601.52
22	123+73.59	43.32 RT	601.51

LEGEND

- DETECTABLE WARNING
- PROPOSED SIDE CURB
- (XXX.XX) EXISTING ELEVATION / SLOPE
- TURNING SPACE / LEVEL LANDING



IL 171 (STATE ST)



10TH ST

10TH STREET ADA RAMP ELEVATION TABLE

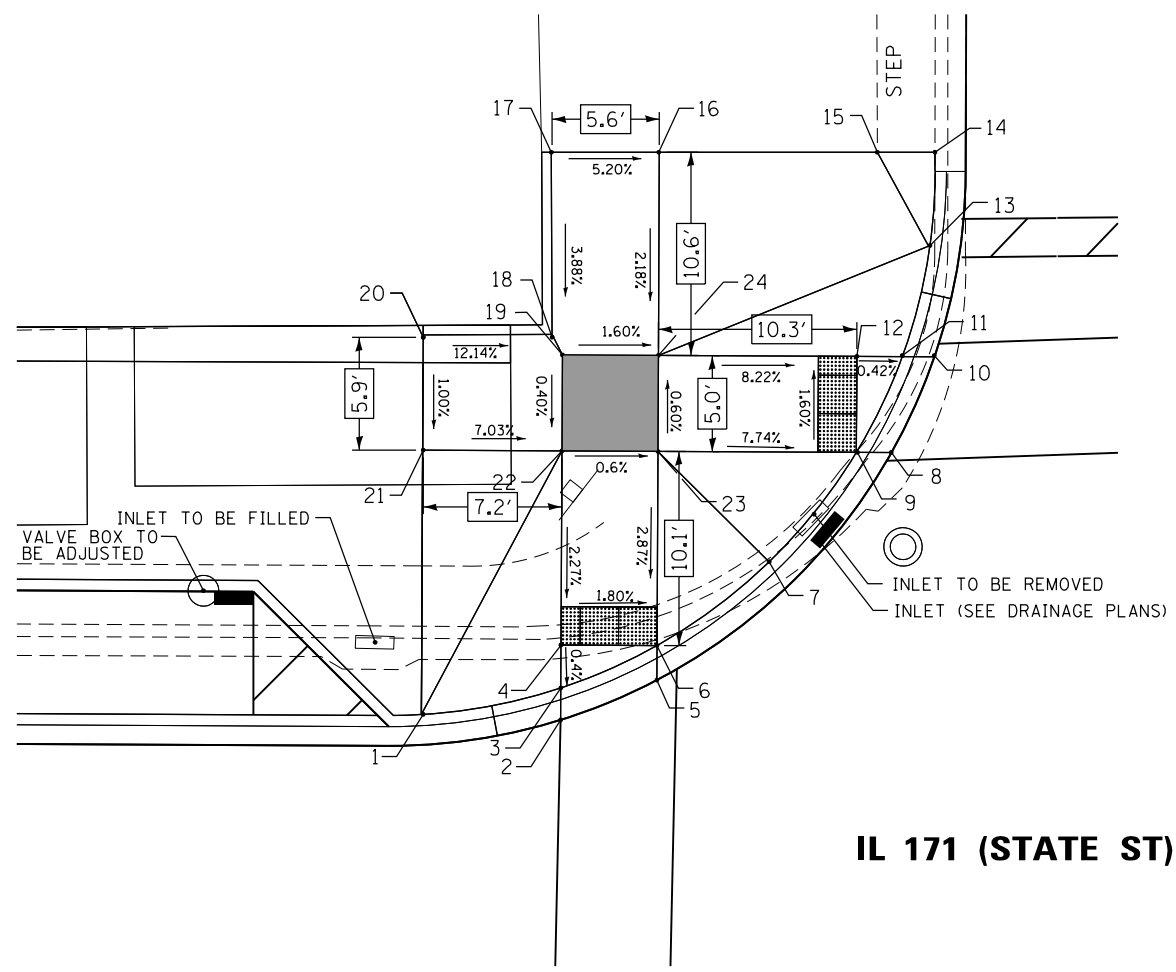
POINT NO.:	STATION	OFFSET	ELEVATION
23	124+31.43	59.80 RT	M.E. (601.80)
24	124+31.37	54.28 RT	601.64
25	124+31.50	49.27 RT	601.14
26	124+29.12	49.29 RT	M.E. (601.21)
27	124+29.31	44.29 RT	M.E. (601.10)
28	124+31.46	44.27 RT	601.08
29	124+33.08	38.13 RT	601.32
30	124+37.64	44.22 RT	601.56
31	124+36.78	32.12 RT	600.76
32	124+36.61	29.64 RT	M.E. (600.76)
33	124+40.40	26.59 RT	M.E. (600.82)
34	124+40.55	28.60 RT	600.82
35	124+40.77	31.84 RT	600.83
36	124+48.30	24.86 RT	601.41

10TH STREET ADA RAMP ELEVATION TABLE

POINT NO.:	STATION	OFFSET	ELEVATION
37	124+41.64	44.19 RT	601.60
38	124+48.17	44.13 RT	M.E. (602.06)
39	124+48.30	51.16 RT	M.E. (602.11)
40	124+48.30	51.17 RT	M.E. (602.14)
41	124+42.26	50.84 RT	601.63
42	124+42.29	59.74 RT	M.E. (602.14)
43	124+37.70	59.77 RT	M.E. (602.03)
44	124+37.67	49.22 RT	601.56
45	124+41.68	49.19 RT	601.63



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IL 171 (STATE ST)

IL 7 (9TH ST)

**9TH STREET
ADA RAMP ELEVATION TABLE**

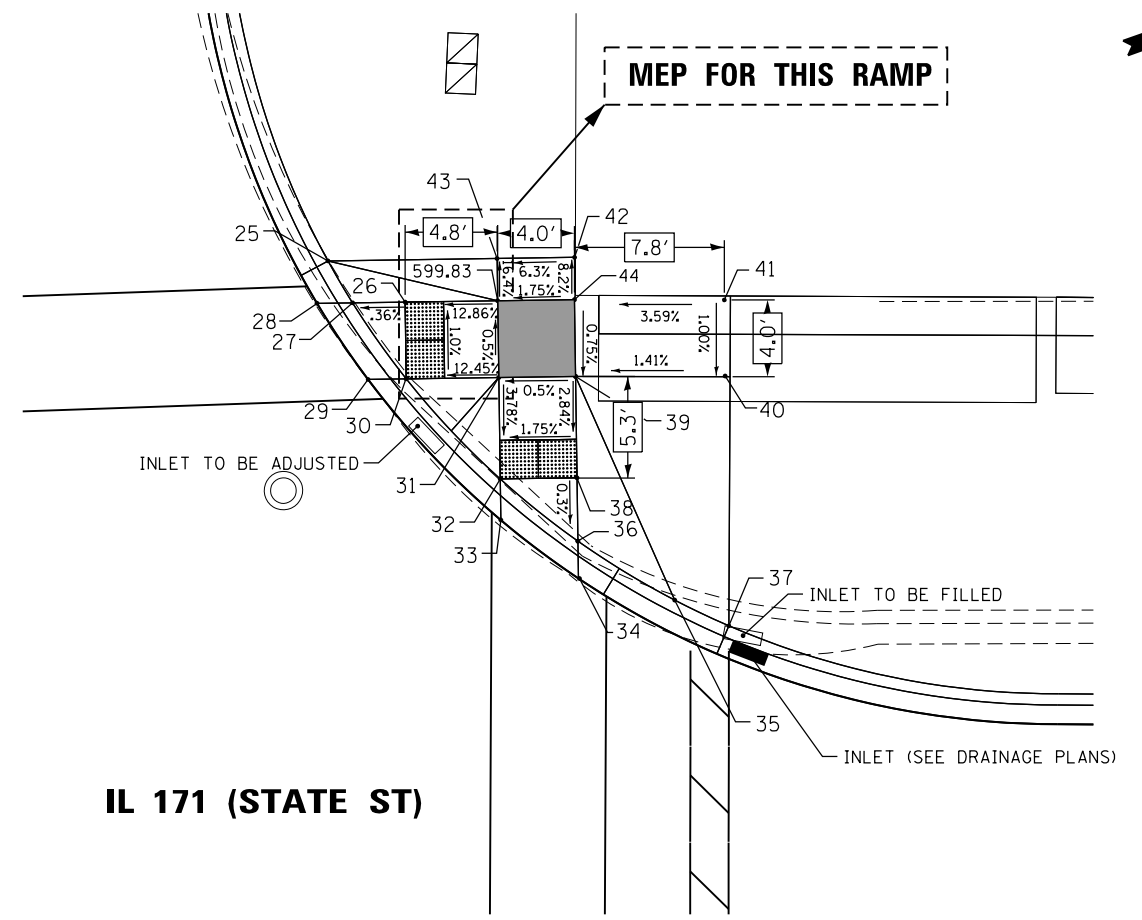
POINT NO.:	STATION	OFFSET	ELEVATION
1	127+58.23	28.64 LT	600.65
2	127+65.49	28.39 LT	M.E. (600.06)
3	127+65.49	30.06 LT	600.05
4	127+65.49	32.29 LT	600.06
5	127+70.49	30.49 LT	M.E. (599.98)
6	127+70.49	32.29 LT	599.97
7	127+76.32	36.68 LT	600.18
8	127+82.66	42.40 LT	M.E. (599.47)
9	127+80.84	42.41 LT	599.46
10	127+84.88	47.41 LT	599.38
11	127+83.20	47.41 LT	599.37
12	127+80.84	47.41 LT	599.38
13	127+84.61	53.20 LT	M.E. (599.18)
14	127+84.85	58.06 LT	M.E. (588.73)

**9TH STREET
ADA RAMP ELEVATION TABLE**

POINT NO.:	STATION	OFFSET	ELEVATION
15	127+81.85	58.05 LT	M.E. (599.55)
16	127+70.49	57.99 LT	M.E. (600.46)
17	127+64.87	57.96 LT	M.E. (600.72)
18	127+64.95	48.48 LT	M.E. (601.06)
19	127+65.49	47.41 LT	600.31
20	127+58.24	48.42 LT	M.E. (601.19)
21	127+58.23	42.41 LT	600.14
22	127+65.49	42.41 LT	600.29
23	127+70.49	42.41 LT	600.26
24	127+70.49	47.41 LT	600.23

LEGEND

- DETECTABLE WARNING
- PROPOSED SIDE CURB
- (XXX.XX) EXISTING ELEVATION / SLOPE
- TURNING SPACE / LEVEL LANDING



IL 171 (STATE ST)

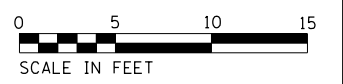
IL 7 (9TH ST)

**9TH STREET
ADA RAMP ELEVATION TABLE**

POINT NO.:	STATION	OFFSET	ELEVATION
25	128+30.76	51.08 LT	M.E. (599.03)
26	128+34.79	48.94 LT	599.21
27	128+32.05	48.90 LT	599.20
28	128+30.20	48.87 LT	599.21
29	128+32.86	44.91 LT	599.26
30	128+34.84	44.94 LT	599.25
31	128+39.67	45.02 LT	599.85
32	128+39.75	39.74 LT	599.65
33	128+39.79	37.60 LT	599.66
34	128+43.84	34.56 LT	599.72
35	128+48.86	33.44 LT	600.11
36	128+43.81	36.50 LT	599.71

**9TH STREET
ADA RAMP ELEVATION TABLE**

POINT NO.:	STATION	OFFSET	ELEVATION
37	128+51.68	32.10 LT	600.11
38	128+43.75	39.80 LT	599.72
39	128+43.67	45.08 LT	599.87
40	128+51.72	45.08 LT	600.14
41	128+51.74	49.29 LT	M.E. (600.18)
42	128+43.60	51.28 LT	M.E. (599.72)
43	128+39.57	51.22 LT	M.E. (599.47)
44	128+43.61	49.08 LT	M.E. (599.90)



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AES Services, Inc.
111 S. Wacker Drive, Suite 3910
Chicago, IL 60606
Ph: 312-235-6783

USER NAME = tmohammed	DESIGNED - AWM	REVISED -
PLOT SCALE = 10.0000' / in.	DRAWN - TOM	REVISED -
PLOT DATE = 5/11/2017	CHECKED - JA	REVISED -
	DATE - 3/20/2017	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

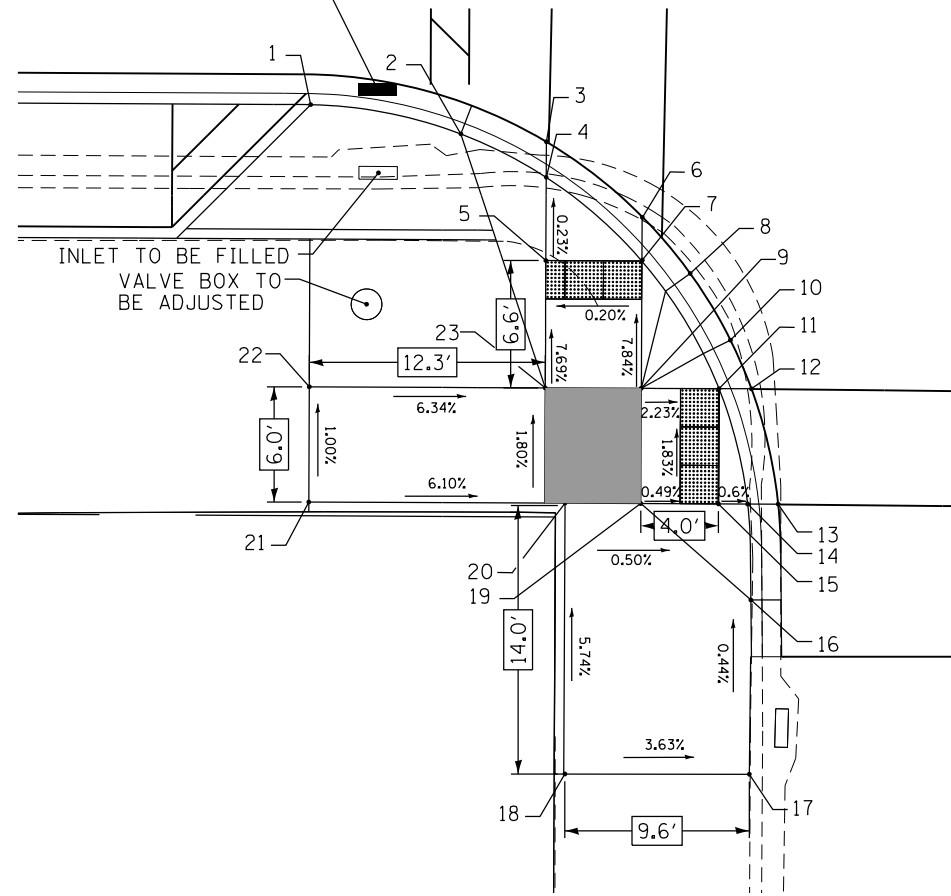
**IL 171 (STATE ST.) & IL 7 (9TH ST.) IMPROVEMENTS
ADA RAMP DESIGN - S STATE ST & E 9TH ST**

SCALE SHEET OF SHEETS STA. TO STA.

F.A.P. RFE. 577	SECTION D-EXT-N	COUNTY WILL	TOTAL SHEETS 140	SHEET NO. 68
CONTRACT NO. 62C09				
ILLINOIS FED. AID PROJECT				

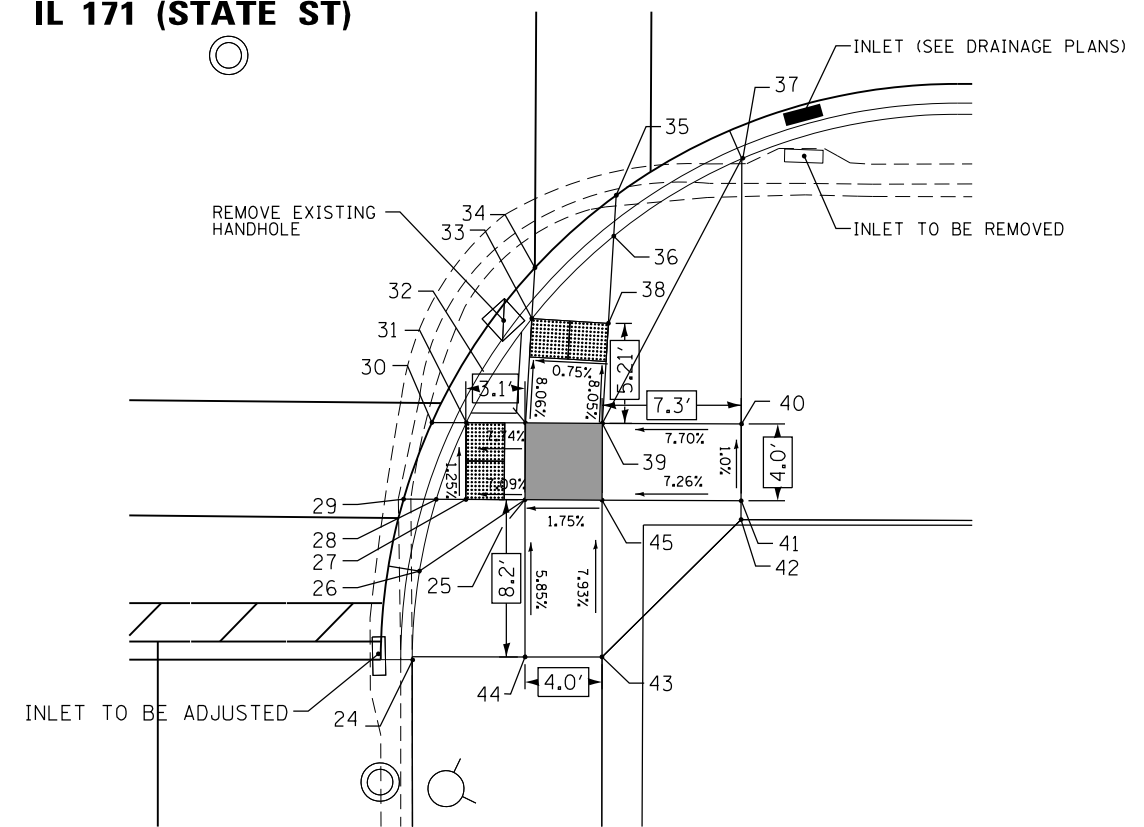
INLET (SEE DRAINAGE PLANS)

IL 171 (STATE ST)



IL 7 (9TH ST)

IL 171 (STATE ST)



IL 7 (9TH ST)




**9TH STREET
ADA RAMP ELEVATION TABLE**

POINT NO.:	STATION	OFFSET	ELEVATION
1	127+52.06	28.58 RT	601.03
2	127+59.89	30.07 RT	601.06
3	127+64.35	30.46 RT	M.E. (600.68)
4	127+64.35	32.31 RT	600.67
5	127+64.35	36.65 RT	600.68
6	127+69.35	34.40 RT	M.E. (600.70)
7	127+69.35	36.65 RT	600.69
8	127+71.87	37.28 RT	600.89
9	127+69.35	43.28 RT	601.21
10	127+73.99	40.75 RT	601.32
11	127+73.40	43.28 RT	601.12
12	127+75.10	43.29 RT	601.13
13	127+76.52	49.28 RT	M.E. (601.23)
14	127+74.93	49.28 RT	601.22

**9TH STREET
ADA RAMP ELEVATION TABLE**

POINT NO.:	STATION	OFFSET	ELEVATION
15	127+73.40	49.28 RT	601.23
16	127+69.35	49.28 RT	601.70
17	127+75.08	63.36 RT	M.E. (601.74)
18	127+65.41	63.39 RT	M.E. (602.09)
19	127+69.35	49.28 RT	601.25
20	127+65.41	49.29 RT	601.28
21	127+52.06	49.29 RT	M.E. (602.03)
22	127+52.06	43.29 RT	601.97
23	127+64.35	43.28 RT	601.19

LEGEND

-  DETECTABLE WARNING
-  PROPOSED SIDE CURB
- (XXX.XX) EXISTING ELEVATION / SLOPE
-  TURNING SPACE / LEVEL LANDING

**9TH STREET
ADA RAMP ELEVATION TABLE**

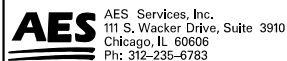
POINT NO.:	STATION	OFFSET	ELEVATION
24	128+32.72	56.90 RT	M.E. (601.35)
25	128+38.59	48.70 RT	601.23
26	128+33.09	52.43 RT	601.20
27	128+35.50	48.69 RT	601.01
28	128+33.96	48.69 RT	601.00
29	128+32.26	48.68 RT	601.01
30	128+33.73	44.69 RT	600.97
31	128+35.50	44.69 RT	600.97
32	128+38.60	44.70 RT	601.21
33	128+38.92	39.26 RT	600.79
34	128+39.08	36.60 RT	600.79
35	128+43.31	32.83 RT	600.74
36	128+43.19	34.96 RT	600.73

**9TH STREET
ADA RAMP ELEVATION TABLE**

POINT NO.:	STATION	OFFSET	ELEVATION
37	128+49.84	30.91 RT	M.E. (600.90)
38	128+42.92	39.50 RT	600.81
39	128+42.61	44.71 RT	601.23
40	128+49.84	44.74 RT	600.79
41	128+49.84	48.74 RT	M.E. (601.83)
42	128+49.84	49.72 RT	M.E. (601.90)
43	128+42.60	56.88 RT	M.E. (601.95)
44	128+38.60	56.89 RT	M.E. (601.71)
45	128+42.59	48.71 RT	601.30



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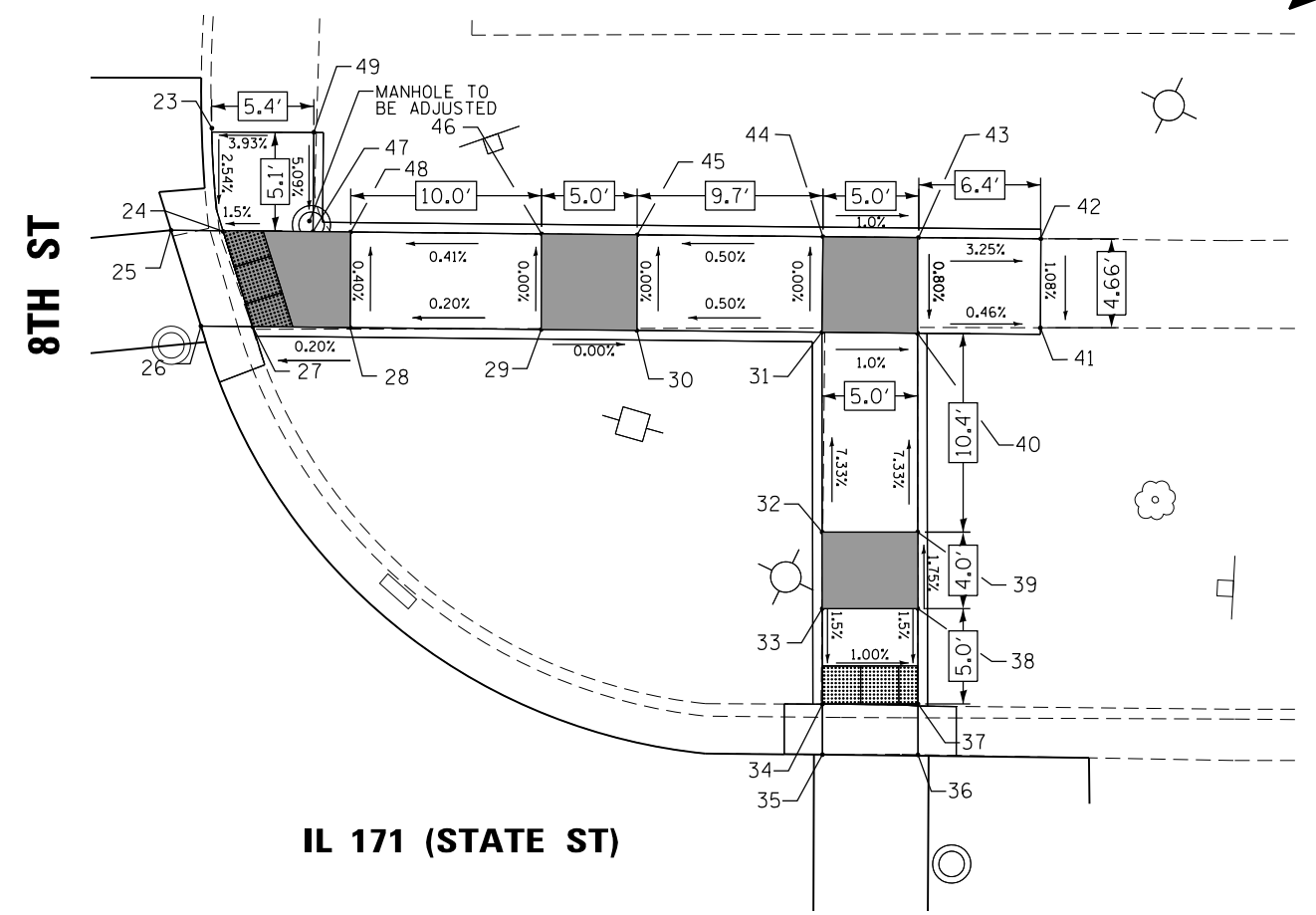
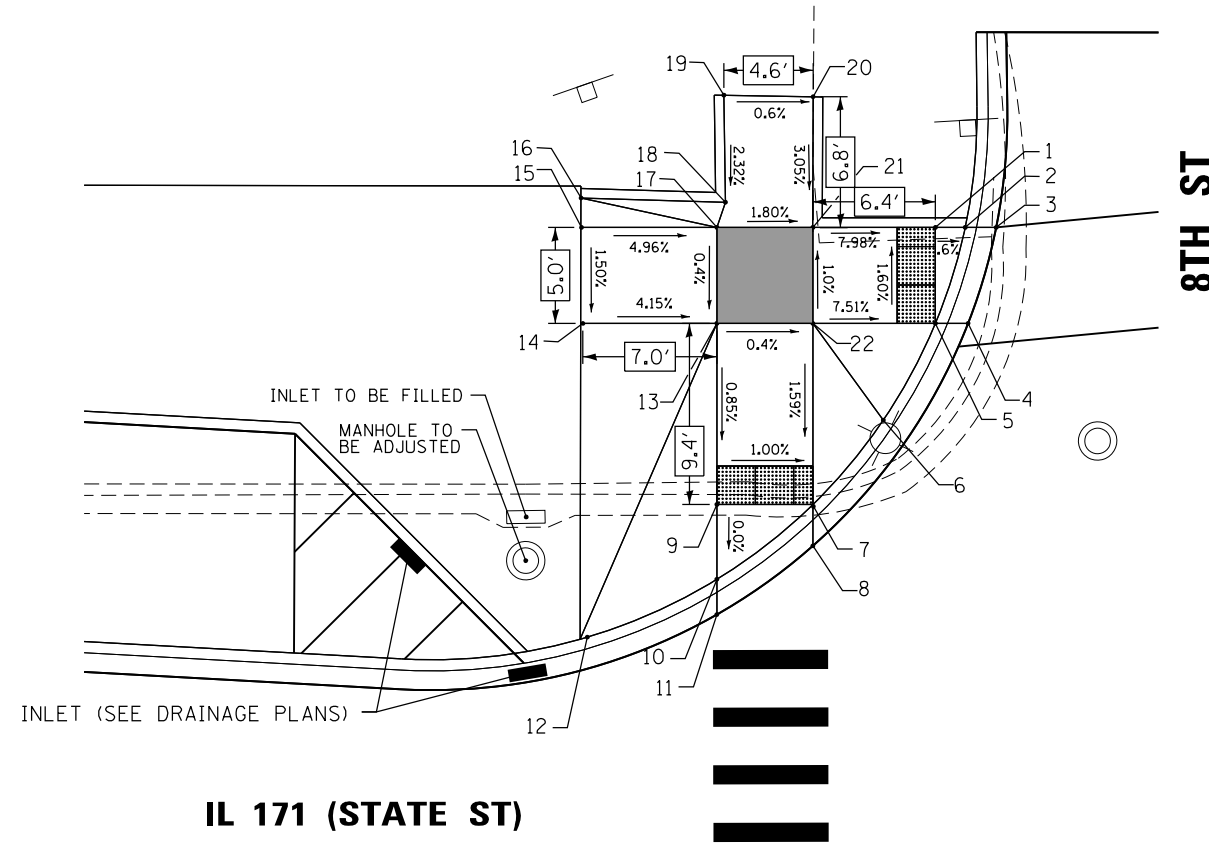
USER NAME = tmohammed	DESIGNED - AWM	REVISED -
PLOT SCALE = 10.0000' / in.	DRAWN - TOM	REVISED -
PLOT DATE = 5/11/2017	CHECKED - JA	REVISED -
	DATE - 3/20/2017	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**IL 171 (STATE ST.) & IL 7 (9TH ST.) IMPROVEMENTS
ADA RAMP DESIGN - S STATE ST & E 9TH ST**

SCALE SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
577	D-EXT-N	WILL	140	69
CONTRACT NO. 62C09				
ILLINOIS FED. AID PROJECT				



**8TH STREET
ADA RAMP ELEVATION TABLE**

POINT NO.:	STATION	OFFSET	ELEVATION
1	131+75.99	46.96 LT	599.34
2	131+77.54	46.97 LT	599.33
3	131+79.16	46.97 LT	M.E. (599.34)
4	131+77.70	41.97 LT	M.E. (599.43)
5	131+76.00	41.96 LT	599.42
6	131+73.29	36.92 LT	599.89
7	131+69.63	32.52 LT	599.75
8	131+69.63	30.36 LT	599.77
9	131+64.63	32.51 LT	599.84
10	131+64.63	28.61 LT	599.84
11	131+64.64	26.78 LT	M.E. (599.86)
12	131+57.52	25.48 LT	600.45
13	131+64.61	41.95 LT	599.92
14	131+57.52	41.94 LT	M.E. (600.21)

**8TH STREET
ADA RAMP ELEVATION TABLE**

POINT NO.:	STATION	OFFSET	ELEVATION
15	131+57.52	46.94 LT	M.E. (600.29)
16	131+57.52	48.47 LT	M.E. (600.29)
17	131+64.60	46.95 LT	599.94
18	131+65.05	48.26 LT	M.E. (600.22)
19	131+64.96	53.84 LT	M.E. (600.09)
20	131+69.61	53.76 LT	M.E. (600.06)
21	131+69.59	46.95 LT	599.85
22	131+69.61	41.95 LT	599.90

**8TH STREET
ADA RAMP ELEVATION TABLE**

POINT NO.:	STATION	OFFSET	ELEVATION
23	132+03.69	54.30 LT	M.E. (598.96)
24	132+04.28	49.13 LT	598.83
25	132+01.56	49.15 LT	M.E. (598.84)
26	132+03.14	44.13 LT	M.E. (598.96)
27	132+05.85	44.12 LT	598.95
28	132+10.95	44.09 LT	598.96
29	132+20.95	44.01 LT	598.98
30	132+25.95	43.98 LT	598.98
31	132+35.64	43.91 LT	599.03
32	132+35.68	33.45 LT	599.80
33	132+35.68	29.45 LT	599.87
34	132+35.72	24.45 LT	599.80
35	132+35.73	21.81 LT	M.E. (599.81)
36	132+40.73	21.76 LT	M.E. (599.76)

**8TH STREET
ADA RAMP ELEVATION TABLE**

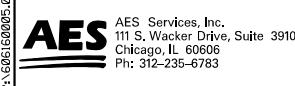
POINT NO.:	STATION	OFFSET	ELEVATION
37	132+40.70	24.47 LT	599.75
38	132+40.70	29.45 LT	599.82
39	132+40.68	33.47 LT	599.75
40	132+40.63	43.87 LT	598.98
41	132+47.07	44.17 LT	M.E. (598.95)
42	132+47.08	48.83 LT	M.E. (598.77)
43	132+40.62	48.87 LT	598.98
44	132+35.68	48.91 LT	599.03
45	132+25.96	48.95 LT	598.98
46	132+20.96	49.01 LT	598.98
47	132+10.96	49.09 LT	598.91
48	132+10.96	49.09 LT	598.94
49	132+09.02	54.28 LT	M.E. (599.17)

LEGEND

- DETECTABLE WARNING
- PROPOSED SIDE CURB
- (XXX.XX) EXISTING ELEVATION / SLOPE
- TURNING SPACE / LEVEL LANDING



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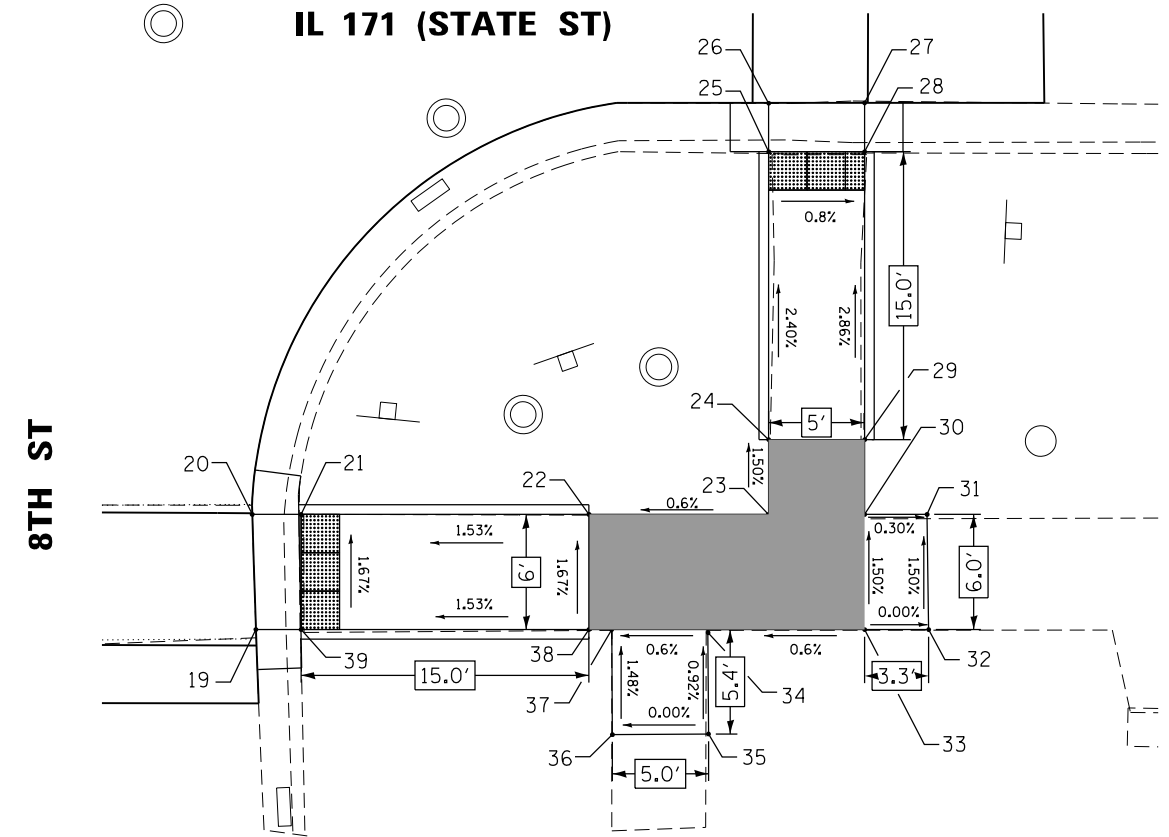
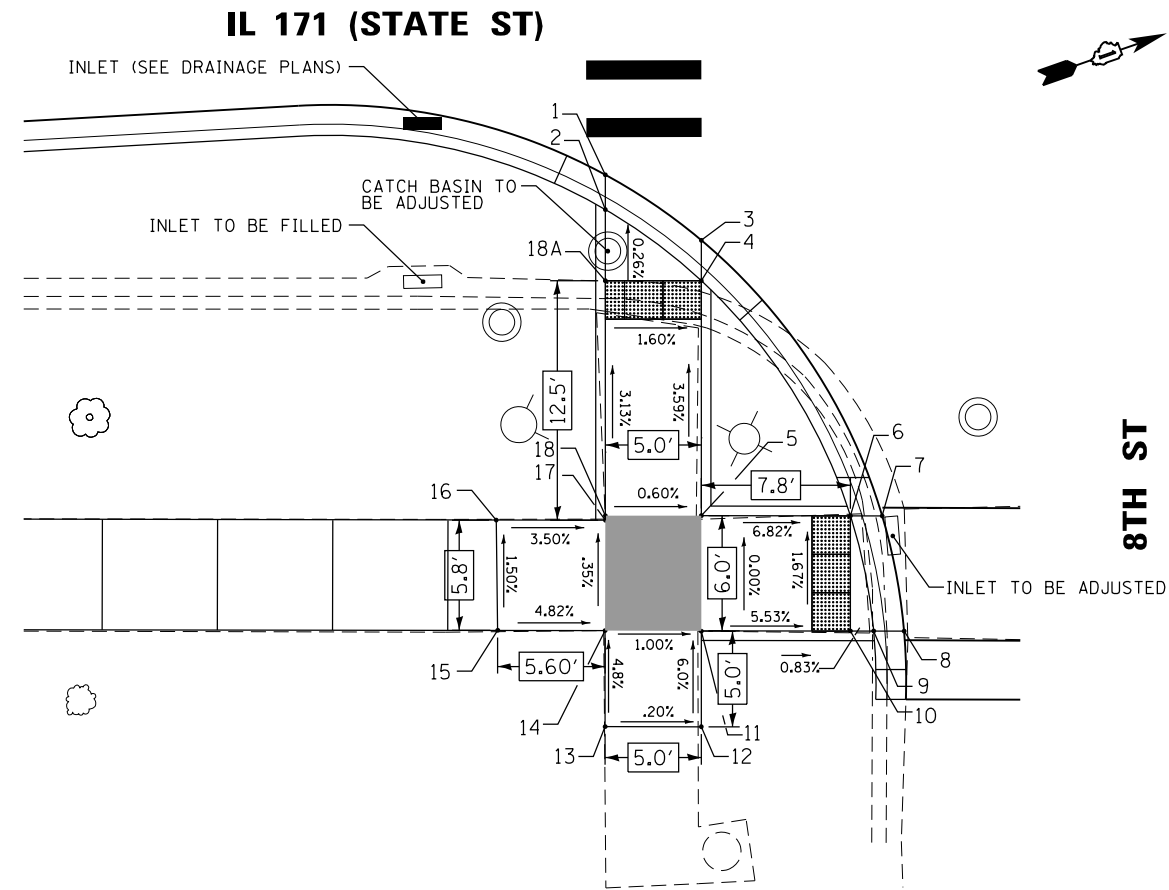
USER NAME = tmohammed	DESIGNED - AWM	REVISED -
PLOT SCALE = 10.0000' / in.	DRAWN - TOM	REVISED -
PLOT DATE = 5/11/2017	CHECKED - JA	REVISED -
	DATE - 3/20/2017	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**IL 171 (STATE ST.) & IL 7 (9TH ST.) IMPROVEMENTS
ADA RAMP DESIGN - S STATE ST & E 8TH ST**

SCALE SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
577	D-EXT-N	WILL	140	70
CONTRACT NO. 62C09				
ILLINOIS FED. AID PROJECT				



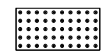



**8TH STREET
ADA RAMP ELEVATION TABLE**

POINT NO.:	STATION	OFFSET	ELEVATION
1	131+65.54	26.04 RT	M.E. (600.19)
2	131+65.54	27.85 RT	600.18
3	131+70.54	29.44 RT	M.E. (600.13)
4	131+70.55	31.55 RT	600.11
5	131+70.57	43.78 RT	600.55
6	131+78.34	43.78 RT	600.02
7	131+79.99	43.78 RT	M.E. (600.04)
8	131+81.14	49.78 RT	M.E. (600.13)
9	131+79.56	49.78 RT	600.11
10	131+78.34	49.78 RT	600.12
11	131+70.58	49.78 RT	600.55
12	131+70.58	54.78 RT	M.E. (600.85)
13	131+65.58	54.78 RT	M.E. (600.84)
14	131+65.57	49.78 RT	600.60

**8TH STREET
ADA RAMP ELEVATION TABLE**

POINT NO.:	STATION	OFFSET	ELEVATION
15	131+59.96	49.78 RT	M.E. (600.87)
16	131+59.88	44.03 RT	M.E. (600.78)
17	131+65.57	44.03 RT	600.58
18	131+65.57	43.79 RT	600.58
18A	131+65.55	31.55 RT	600.19

LEGEND

-  DETECTABLE WARNING
-  PROPOSED SIDE CURB
-  (XXX.XX) EXISTING ELEVATION / SLOPE
-  TURNING SPACE / LEVEL LANDING



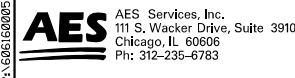
**8TH STREET
ADA RAMP ELEVATION TABLE**

POINT NO.:	STATION	OFFSET	ELEVATION
19	132+09.39	49.49 RT	M.E. (600.20)
20	132+09.19	43.49 RT	M.E. (600.10)
21	132+11.73	43.48 RT	600.09
22	132+26.73	43.44 RT	600.32
23	132+36.10	43.42 RT	600.38
24	132+36.09	39.52 RT	600.32
25	132+36.05	24.52 RT	599.96
26	132+36.04	21.98 RT	M.E. (599.97)
27	132+41.04	21.97 RT	M.E. (599.93)
28	132+41.05	24.51 RT	599.92
29	132+41.09	39.53 RT	600.35
30	132+41.10	43.41 RT	600.41
31	132+44.35	43.40 RT	M.E. (600.42)
32	132+44.45	49.40 RT	M.E. (600.51)

**8TH STREET
ADA RAMP ELEVATION TABLE**

POINT NO.:	STATION	OFFSET	ELEVATION
33	132+41.11	49.41 RT	600.50
34	132+32.94	49.43 RT	600.46
35	132+32.99	54.87 RT	M.E. (600.51)
36	132+27.98	54.91 RT	M.E. (600.51)
37	132+27.94	49.44 RT	600.43
38	132+26.75	49.44 RT	600.42
39	132+11.73	49.49 RT	600.19

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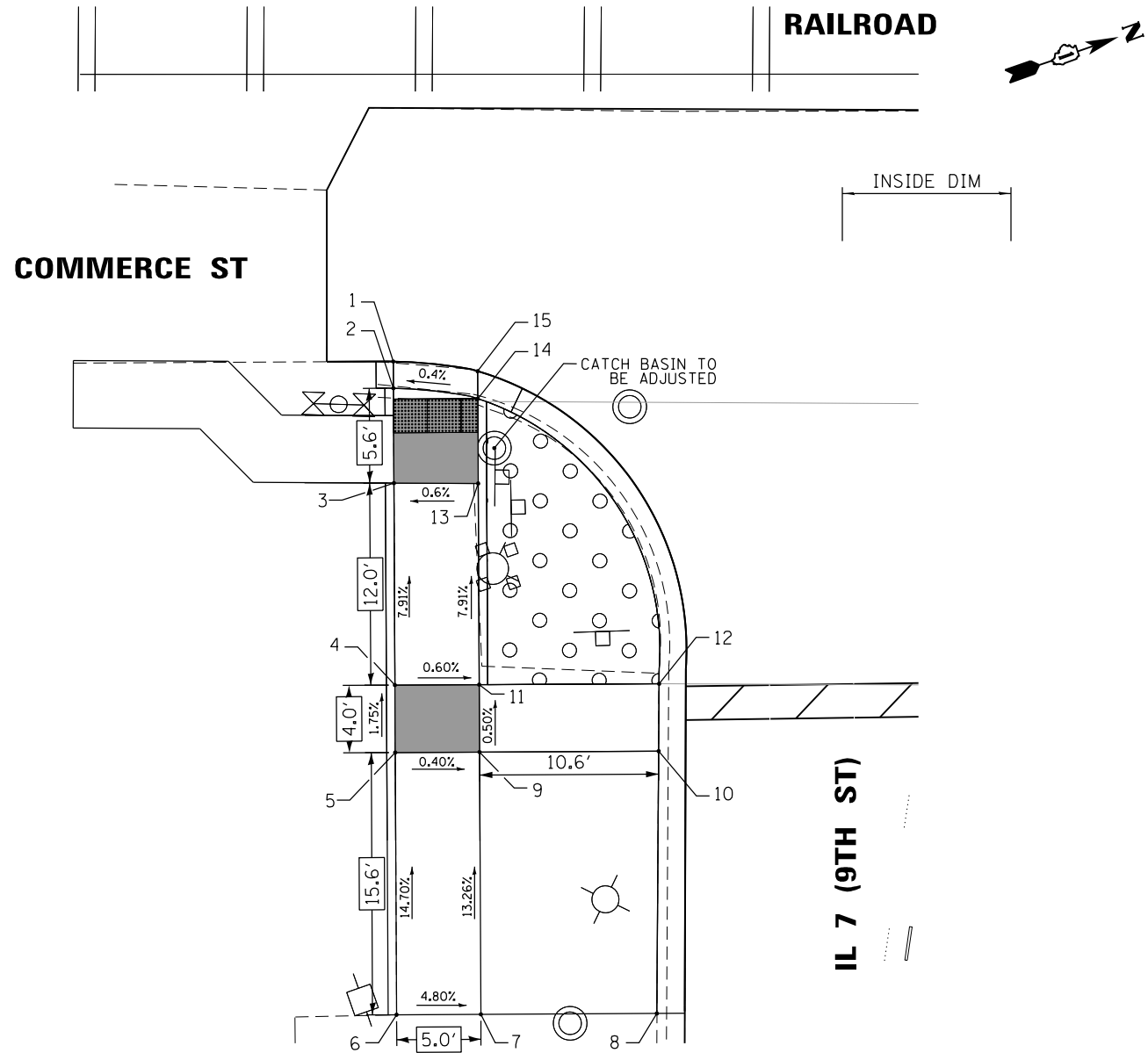
USER NAME = tmohammed	DESIGNED - AWM	REVISED -
PLOT SCALE = 10.0000' / 1" =	DRAWN - TOM	REVISED -
PLOT DATE = 5/11/2017	CHECKED - JA	REVISED -
	DATE - 3/20/2017	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**IL 171 (STATE ST.) & IL 7 (9TH ST.) IMPROVEMENTS
ADA RAMP DESIGN - S STATE ST & E 8TH ST**

SCALE SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
577	D-EXT-N	WILL	140	71
CONTRACT NO. 62C09			ILLINOIS FED. AID PROJECT	

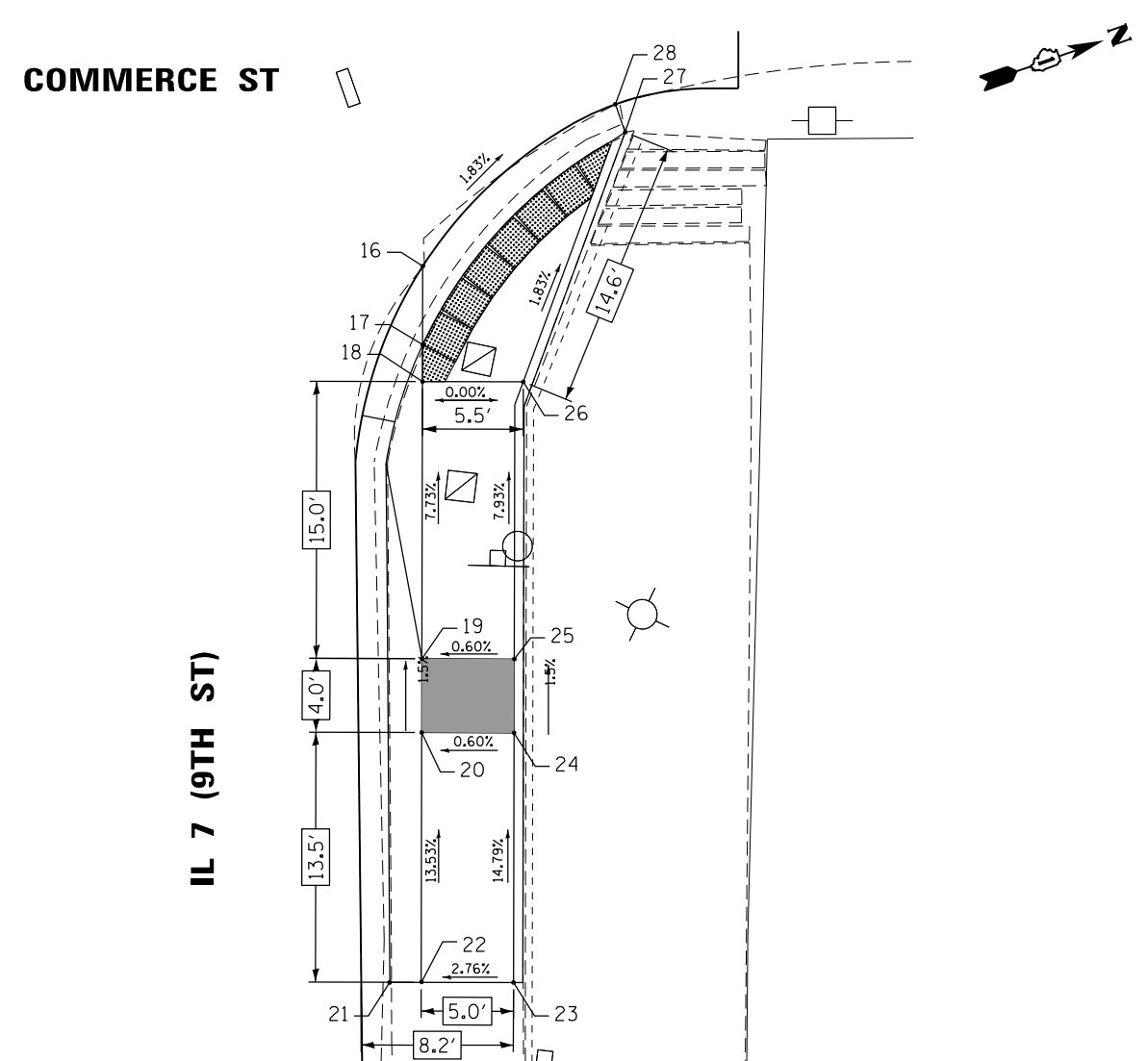


**COMMERCE ST
ADA RAMP ELEVATION TABLE**

POINT NO.:	STATION	OFFSET	ELEVATION
1	30+25.40	35.44 RT	M.E. (587.52)
2	30+26.98	35.45 RT	587.52
3	30+32.61	35.50 RT	587.59
4	30+44.59	35.61 RT	587.54
5	30+48.59	35.65 RT	588.61
6	30+64.15	35.79 RT	M.E. (590.90)
7	30+64.19	30.79 RT	M.E. (590.66)
8	30+64.29	20.36 RT	M.E. (590.00)
9	30+48.63	30.65 RT	588.59
10	30+48.73	20.03 RT	M.E. (588.85)
11	30+44.63	30.61 RT	588.57

**COMMERCE ST
ADA RAMP ELEVATION TABLE**

POINT NO.:	STATION	OFFSET	ELEVATION
12	30+44.73	19.94 RT	M.E. (588.43)
13	30+32.70	30.50 RT	587.62
14	30+27.67	30.46 RT	587.54
15	30+26.04	30.44 RT	M.E. (587.55)



**COMMERCE ST
ADA RAMP ELEVATION TABLE**

POINT NO.:	STATION	OFFSET	ELEVATION
16	30+38.09	21.17 LT	M.E. (587.72)
17	30+42.34	21.10 LT	587.72
18	30+44.34	21.07 LT	587.73
19	30+59.34	20.82 LT	588.89
20	30+63.34	20.75 LT	588.95
21	30+76.84	18.83 LT	M.E. (590.78)
22	30+76.87	20.53 LT	590.84
23	30+76.95	25.53 LT	M.E. (590.98)
24	30+63.43	25.75 LT	588.98
25	30+59.44	25.82 LT	588.92
26	30+44.43	26.52 LT	587.73
27	30+30.98	32.23 LT	587.46
28	30+29.48	31.72 LT	M.E. (587.46)

LEGEND

- DETECTABLE WARNING
- PROPOSED SIDE CURB
- EXISTING ELEVATION / SLOPE
- TURNING SPACE / LEVEL LANDING



P:\606162005\04-PTB177-004_S04+4-IL 7 & IL 171 Intersect Improvements\01C000_08Sheets\72_62C09-ant-AD07.dgn

AES Services, Inc.
111 S. Wacker Drive, Suite 3910
Chicago, IL 60606
Ph: 312-235-6783

USER NAME = tmohammed	DESIGNED - AWM	REVISED -
PLOT SCALE = 10.0000' / in.	DRAWN - TOM	REVISED -
PLOT DATE = 5/11/2017	CHECKED - JA	REVISED -
	DATE - 3/20/2017	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**IL 171 (STATE ST.) & IL 7 (9TH ST.) IMPROVEMENTS
ADA RAMP DESIGN - COMMERCE ST & E 9TH ST**

SCALE	SHEET	OF	SHEETS	STA.	TO	STA.
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F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
577	D-EXT-N	WILL	140	72
CONTRACT NO. 62C09				
ILLINOIS FED. AID PROJECT				

NOTES:

- ALL STATION/OFFSETS ARE FROM THE CENTERLINE OF IL ROUTE 171 UNLESS OTHERWISE NOTED.
- THE TEMPORARY TRAFFIC SIGNAL SHALL NOT BE CONSTRUCTED UNTIL ALL PROPOSED FOUNDATION LOCATIONS HAVE BEEN IDENTIFIED, MARKED AND LOCATED TO AVOID ALL UTILITY CONFLICTS.
- THE SWITCH OVER FROM THE EXISTING TRAFFIC SIGNAL TO THE TEMPORARY TRAFFIC SIGNAL SHALL OCCUR ON THE SAME DAY THAT THE TRAFFIC SIGNAL IS ACTIVATED AND IN OPERATION.
- THE EXISTING IL ROUTE 7 EB APPROACH DETECTOR LOOP WEST OF THE RR CROSSING SHALL BE MAINTAINED AS PART OF THE TEMPORARY TRAFFIC SIGNAL INSTALLATION AND REMAIN IN OPERATION DURING CONSTRUCTION. IT SHALL BE SPLICED TO TEMPORARY LEAD-IN CABLE ONCE THE SWITCH OVER FROM THE EXISTING SIGNAL OCCURS.
- THE TEMPORARY WOOD POLES SHALL BE 60 FEET MINIMUM, AND SHALL INCLUDE 250 WATT TEMPORARY LUMINAIRES ON 15-FOOT ARMS AT A 40-FOOT MOUNTING HEIGHT. THESE SHALL BE INCLUDED IN THE PAY ITEM "TEMPORARY TRAFFIC SIGNAL INSTALLATION."
- THE EXISTING "DO NOT STOP ON TRACKS" SIGNS SHALL BE MAINTAINED THROUGHOUT CONSTRUCTION.
- ANY PROPOSED ACTIVITY IN THE VICINITY OF A HIGHWAY-RAIL GRADE CROSSING MUST ADHERE TO THE GUIDELINES SET FORTH IN THE 2009 MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (MUTCD) UNDER SECTION 6G.18: WORK IN THE VICINITY OF HIGHWAY-RAIL GRADE CROSSINGS WHICH STATES,

"WHEN GRADE CROSSINGS EXIST EITHER WITHIN OR IN THE VICINITY OF A TTC ZONE, LANE RESTRICTIONS, FLAGGING, OR OTHER OPERATIONS SHALL NOT CREATE CONDITIONS WHERE VEHICLES CAN BE QUEUED ACROSS THE RAILROAD TRACKS. IF QUEUING OF VEHICLES ACROSS THE TRACKS CANNOT BE AVOIDED, A UNIFORMED LAW ENFORCEMENT OFFICER OR FLAGGER SHALL BE PROVIDED AT THE CROSSING TO PREVENT VEHICLES FROM STOPPING ON THE TRACKS, EVEN IF AUTOMATIC WARNING DEVICES ARE IN PLACE. SIMILAR PROVISIONS ARE SET FORTH IN MUTCD, PART 8: TRAFFIC CONTROL FOR RAILROAD AND LIGHT RAIL TRANSIT GRADE CROSSINGS, SECTION 8A.08: TEMPORARY TRAFFIC CONTROL ZONES."

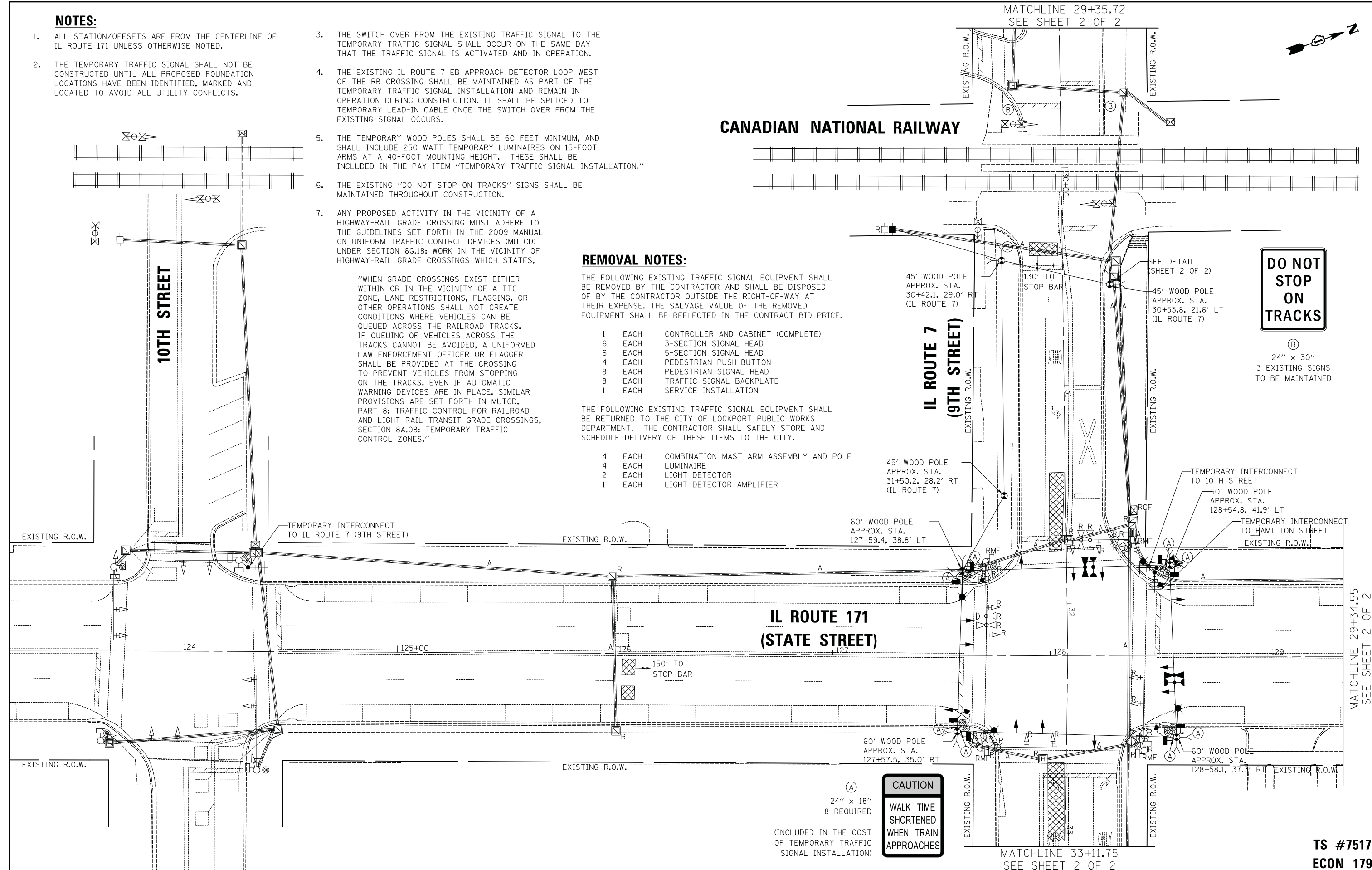
REMOVAL NOTES:

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

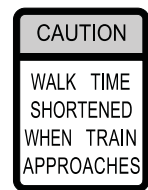
- 1 EACH CONTROLLER AND CABINET (COMPLETE)
- 6 EACH 3-SECTION SIGNAL HEAD
- 6 EACH 5-SECTION SIGNAL HEAD
- 4 EACH PEDESTRIAN PUSH-BUTTON
- 8 EACH PEDESTRIAN SIGNAL HEAD
- 8 EACH TRAFFIC SIGNAL BACKPLATE
- 1 EACH SERVICE INSTALLATION

THE FOLLOWING EXISTING TRAFFIC SIGNAL EQUIPMENT SHALL BE RETURNED TO THE CITY OF LOCKPORT PUBLIC WORKS DEPARTMENT. THE CONTRACTOR SHALL SAFELY STORE AND SCHEDULE DELIVERY OF THESE ITEMS TO THE CITY.

- 4 EACH COMBINATION MAST ARM ASSEMBLY AND POLE
- 4 EACH LUMINAIRE
- 2 EACH LIGHT DETECTOR
- 1 EACH LIGHT DETECTOR AMPLIFIER



Ⓟ
24" x 30"
3 EXISTING SIGNS
TO BE MAINTAINED



Ⓐ
24" x 18"
8 REQUIRED
(INCLUDED IN THE COST OF TEMPORARY TRAFFIC SIGNAL INSTALLATION)



USER NAME = LEP	DESIGNED - LEP	REVISED -
	DRAWN - OJT	REVISED -
PLOT SCALE = 20.0000' / in.	CHECKED - JJE	REVISED -
PLOT DATE = 3/16/2017	DATE - 03/20/2017	REVISED -

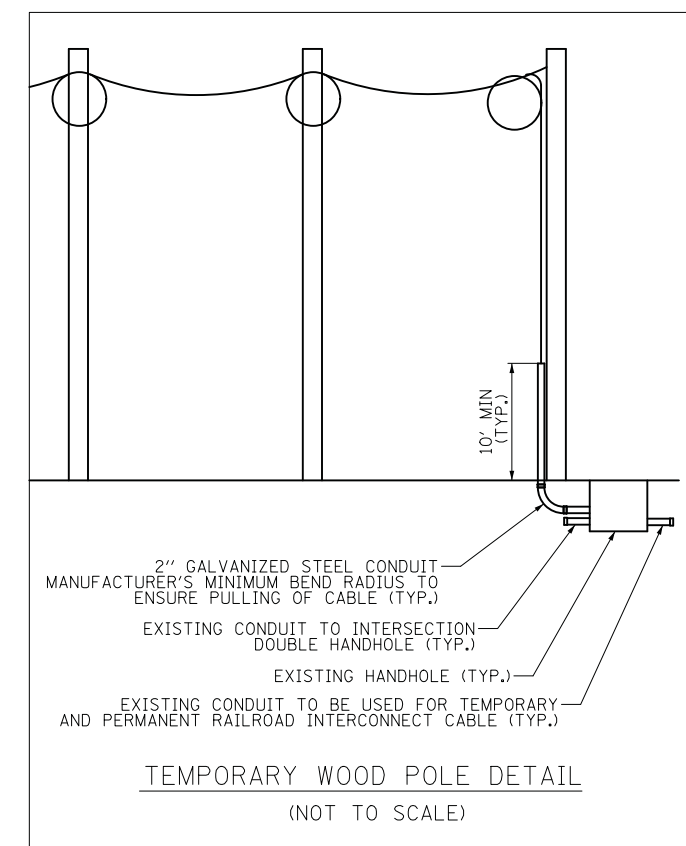
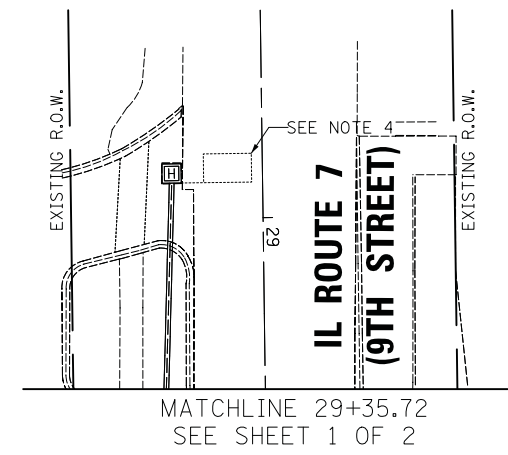
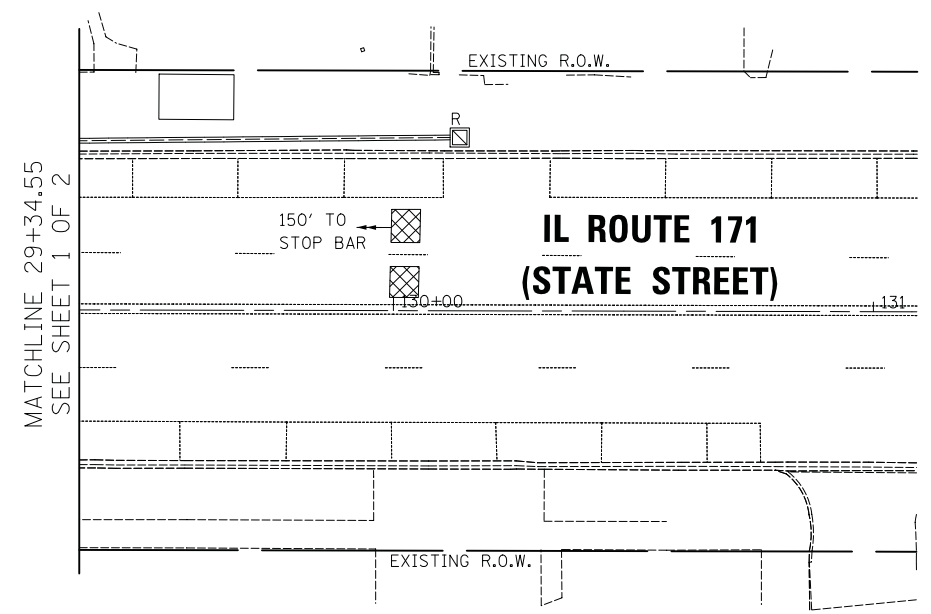
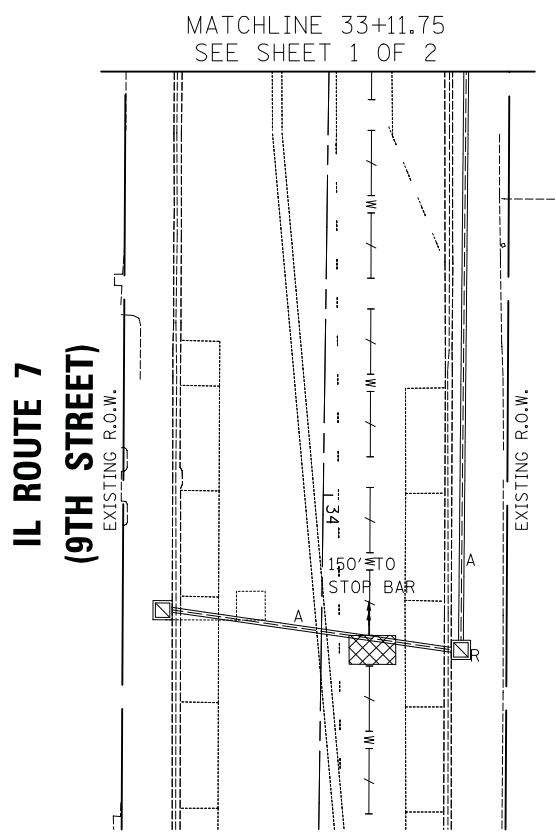
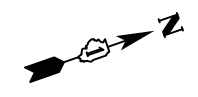
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**TEMPORARY TRAFFIC SIGNAL INSTALLATION AND REMOVAL PLAN
IL ROUTE 171 (STATE STREET) AT IL ROUTE 7 (9TH STREET)**

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
577	D-EXT-N	WILL	140	73
CONTRACT NO. 62C09				
ILLINOIS FED. AID PROJECT				

**TS #7517
ECON 179**

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



**TS #7517
ECON 179**



USER NAME = LEP	DESIGNED - LEP	REVISED -
	DRAWN - OJT	REVISED -
PLOT SCALE = 20.0000' / in.	CHECKED - JJE	REVISED -
PLOT DATE = 3/16/2017	DATE - 03/20/2017	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**TEMPORARY TRAFFIC SIGNAL INSTALLATION AND REMOVAL PLAN
IL ROUTE 171 (STATE STREET) AT IL ROUTE 7 (9TH STREET)**

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

F.A.P. RTE. 577	SECTION D-EXT-N	COUNTY WILL	TOTAL SHEETS 140	SHEET NO. 74
CONTRACT NO. 62C09				
ILLINOIS FED. AID PROJECT				

NOTES:

- ALL STATION/OFFSETS ARE FROM THE CENTERLINE OF IL ROUTE 171 UNLESS OTHERWISE NOTED.
- THE TEMPORARY TRAFFIC SIGNAL SHALL NOT BE CONSTRUCTED UNTIL ALL PROPOSED FOUNDATION LOCATIONS HAVE BEEN IDENTIFIED, MARKED AND LOCATED TO AVOID ALL UTILITY CONFLICTS.
- THE SWITCH OVER FROM THE EXISTING TRAFFIC SIGNAL TO THE TEMPORARY TRAFFIC SIGNAL SHALL OCCUR ON THE SAME DAY THAT THE TRAFFIC SIGNAL IS ACTIVATED AND IN OPERATION.
- THE EXISTING IL ROUTE 7 EB APPROACH DETECTOR LOOP WEST OF THE RR CROSSING SHALL BE MAINTAINED AS PART OF THE TEMPORARY TRAFFIC SIGNAL INSTALLATION AND REMAIN IN OPERATION DURING CONSTRUCTION. IT SHALL BE SPLICED TO TEMPORARY LEAD-IN CABLE ONCE THE SWITCH OVER FROM THE EXISTING SIGNAL OCCURS.
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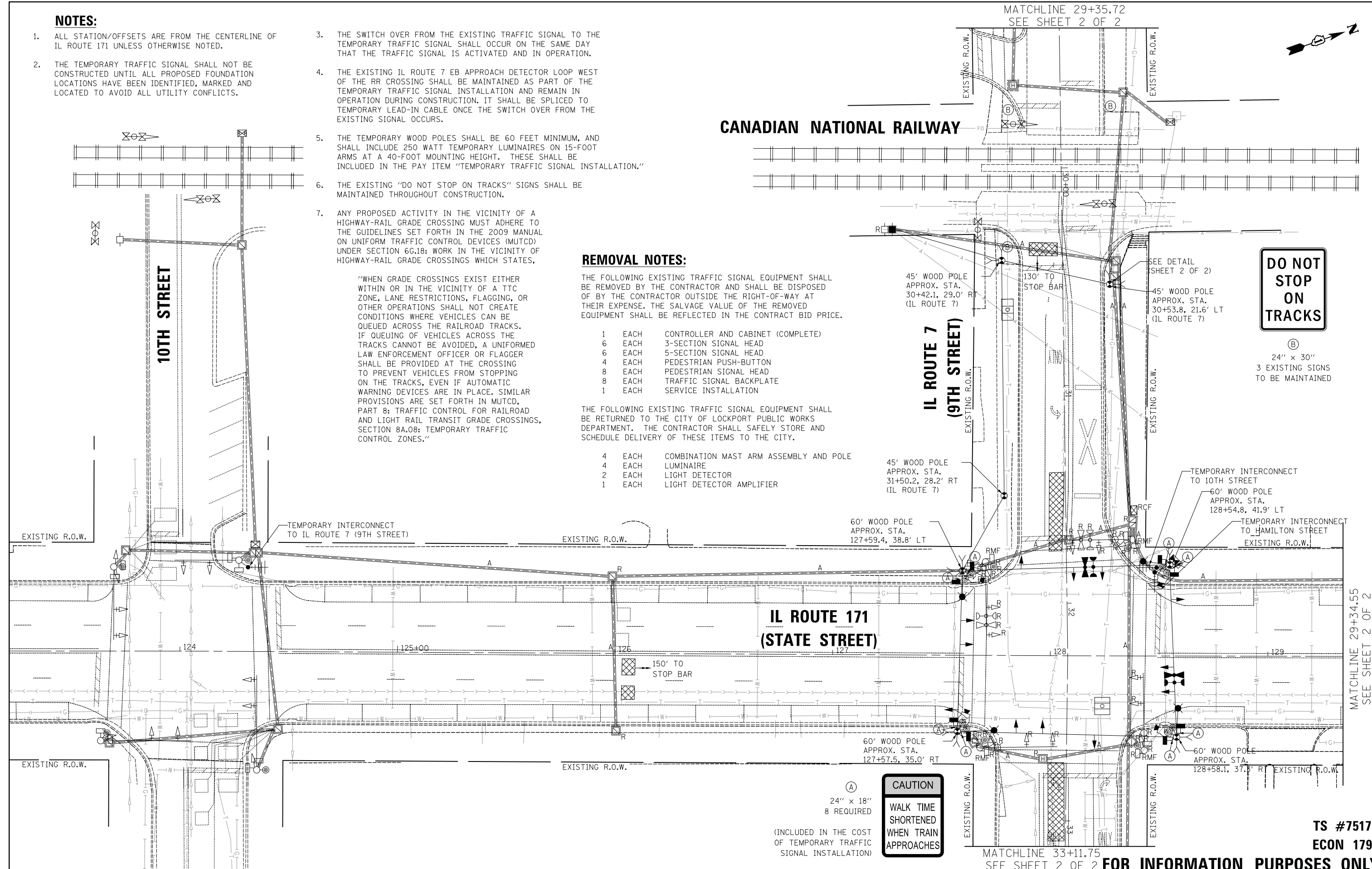
REMOVAL NOTES:

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- 1 EACH CONTROLLER AND CABINET (COMPLETE)
- 6 EACH 3-SECTION SIGNAL HEAD
- 6 EACH 5-SECTION SIGNAL HEAD
- 4 EACH PEDESTRIAN PUSH-BUTTON
- 8 EACH PEDESTRIAN SIGNAL HEAD
- 8 EACH TRAFFIC SIGNAL BACKPLATE
- 1 EACH SERVICE INSTALLATION

THE FOLLOWING EXISTING TRAFFIC SIGNAL EQUIPMENT SHALL BE RETURNED TO THE CITY OF LOCKPORT PUBLIC WORKS DEPARTMENT. THE CONTRACTOR SHALL SAFELY STORE AND SCHEDULE DELIVERY OF THESE ITEMS TO THE CITY.

- 4 EACH COMBINATION MAST ARM ASSEMBLY AND POLE
- 4 EACH LUMINAIRE
- 2 EACH LIGHT DETECTOR
- 1 EACH LIGHT DETECTOR AMPLIFIER



DO NOT STOP ON TRACKS

24" x 30"
3 EXISTING SIGNS TO BE MAINTAINED

CAUTION
WALK TIME SHORTENED WHEN TRAIN APPROACHES

(A)
24" x 18"
8 REQUIRED
(INCLUDED IN THE COST OF TEMPORARY TRAFFIC SIGNAL INSTALLATION)

FOR INFORMATION PURPOSES ONLY



USER NAME = LEP	DESIGNED - LEP	REVISED -
	DRAWN - OJT	REVISED -
PLOT SCALE = 20.0000' / in.	CHECKED - JJE	REVISED -
PLOT DATE = 3/16/2017	DATE - 03/20/2017	REVISED -

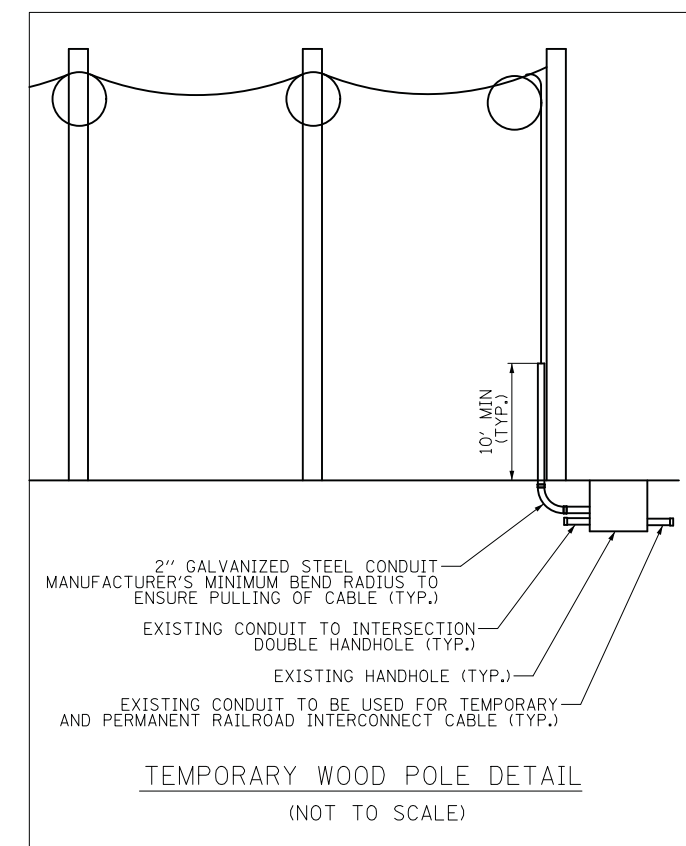
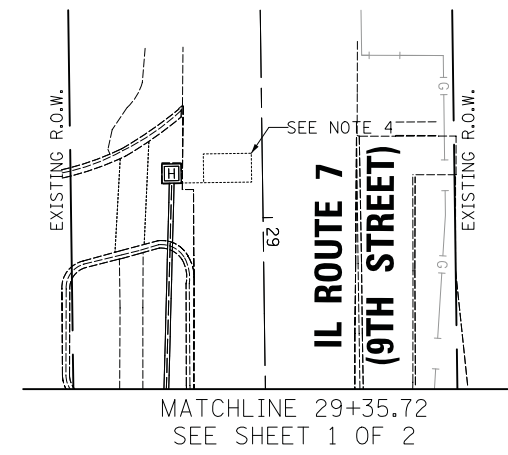
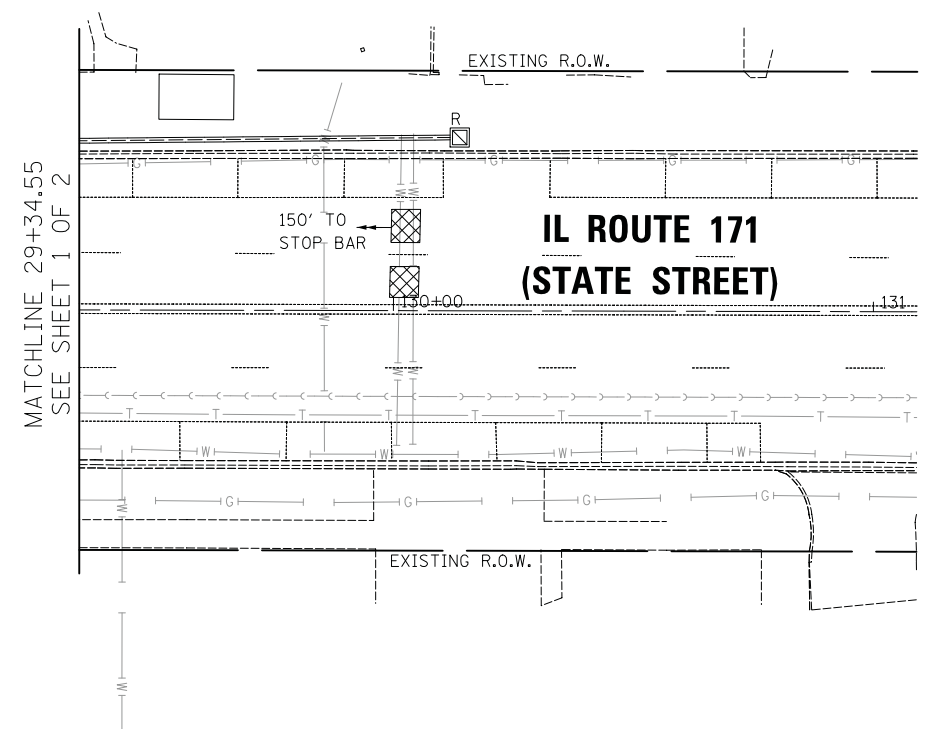
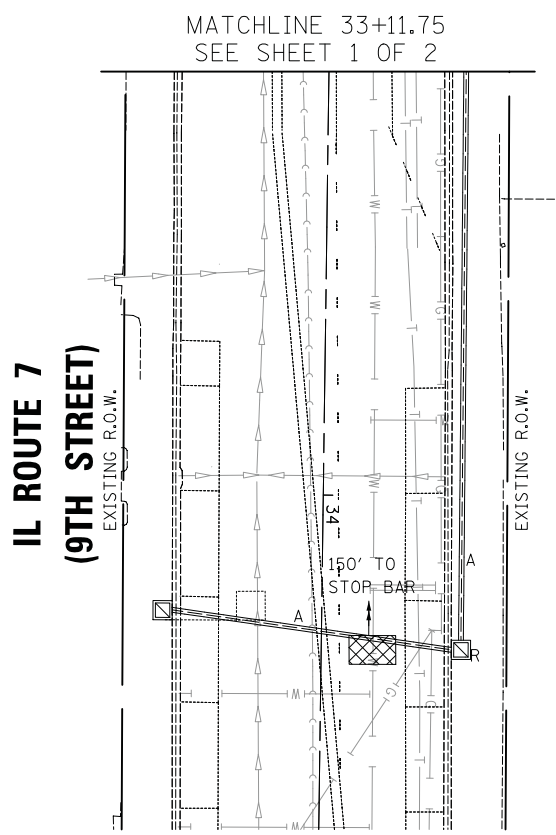
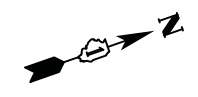
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**UTILITY PLANS
IL ROUTE 171 (STATE STREET) AT IL ROUTE 7 (9TH STREET)**
SCALE: 1" = 20' SHEET NO. 1 OF 2 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
577	D-EXT-N	WILL	140	75
CONTRACT NO. 62C09				
ILLINOIS FED. AID PROJECT				

**TS #7517
ECON 179**

MATCHLINE 29+34.55
SEE SHEET 2 OF 2



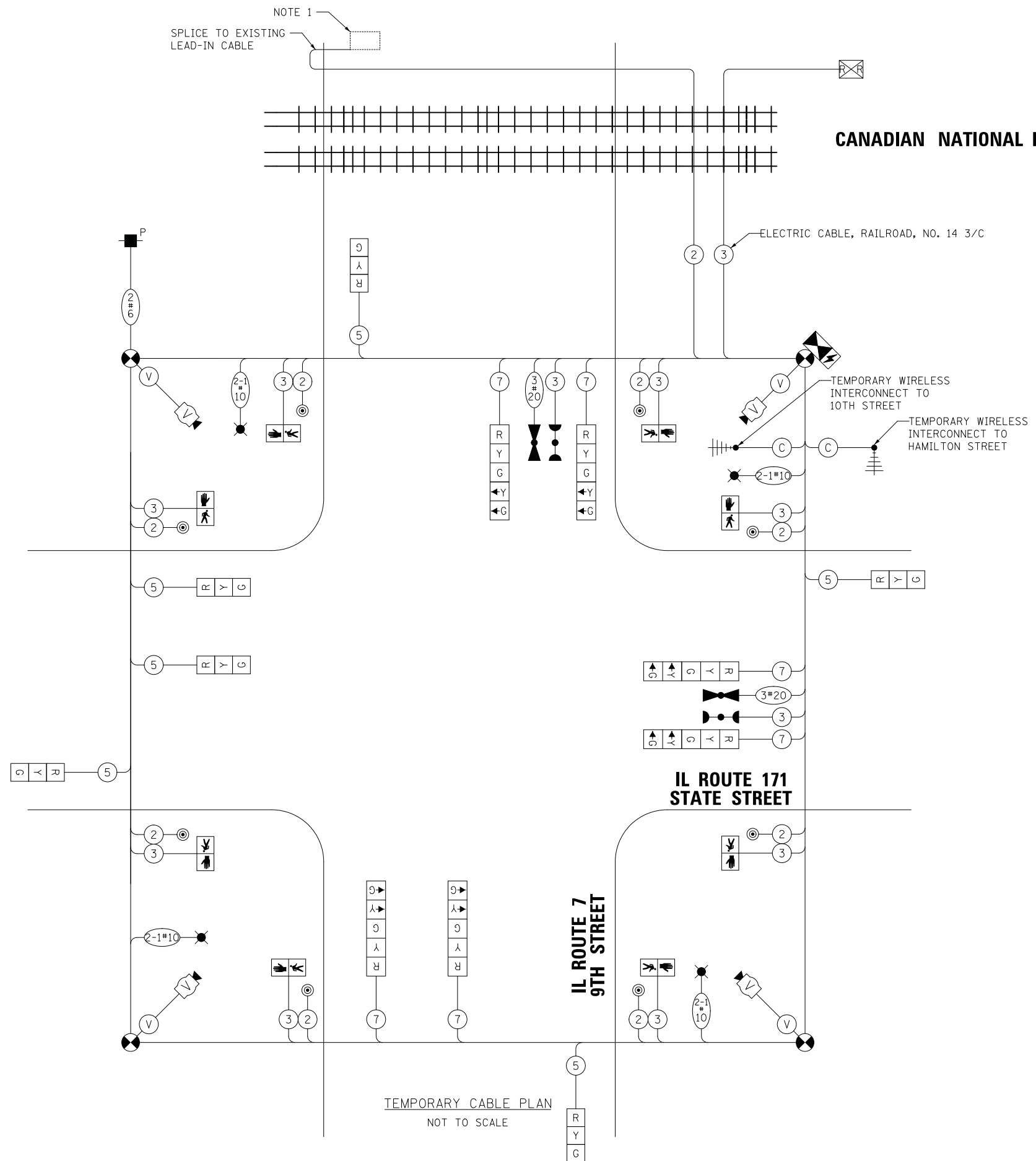
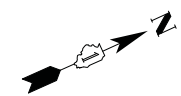
FOR INFORMATION PURPOSES ONLY

**TS #7517
ECON 179**

	USER NAME = LEP	DESIGNED - LEP	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	UTILITY PLANS IL ROUTE 171 (STATE STREET) AT IL ROUTE 7 (9TH STREET)			F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	PLOT SCALE = 20.0000' / in.	DRAWN - OJT	REVISED -					577	D-EXT-N	WILL	140	76
	PLOT DATE = 3/16/2017	CHECKED - JJE	REVISED -					CONTRACT NO. 62C09				
	DATE - 03/20/2017	REVISED -		SCALE: 1" = 20'	SHEET NO. 2 OF 2 SHEETS	STA.	TO STA.	ILLINOIS FED. AID PROJECT				

NOTES:

1. THE EXISTING IL ROUTE 7 EASTBOUND APPROACH DETECTOR LOOP WEST OF THE RAILROAD CROSSING SHALL BE MAINTAINED AS PART OF THE TEMPORARY TRAFFIC SIGNAL INSTALLATION AND REMAIN IN OPERATION DURING CONSTRUCTION. IT SHALL BE SPLICED TO TEMPORARY LEAD-IN CABLE ONCE THE SWITCH OVER FROM THE EXISTING SIGNAL OCCURS.



TRAFFIC SIGNAL ELECTRICAL SERVICE REQUIREMENTS

TYPE	NO. OF LAMPS	LED WATTAGE	% OPERATION	TOTAL WATTAGE
SIGNAL (RED)	12	11	50	66.0
(YELLOW)	12	20	5	12.0
(GREEN)	12	12	45	64.8
PERMISSIVE ARROW	12	10	10	12.0
PED. SIGNAL	8	20	100	160.0
CONTROLLER	1	100	100	100.0
UPS	1	25	100	25.0
VIDEO SYSTEM	1	150	100	150.0
BLANK-OUT SIGN	-	-	5	-
FLASHER	-	-	50	-
STREET NAME SIGN	-	-	50	-
LUMINAIRE	4	250	50	500
TOTAL =				1089.8

ENERGY COSTS TO:

CITY OF LOCKPORT
222 E 9TH STREET
LOCKPORT, IL 60441

ENERGY SUPPLY: CONTACT: JAMES GLOVER
PHONE: 630-724-5054
COMPANY: COM ED



USER NAME = LEP
DESIGNED - LEP
DRAWN - OJT
PLOT SCALE = 20.0000' / in.
CHECKED - JJE
PLOT DATE = 3/16/2017
DATE - 03/20/2017

REVISED -
REVISED -
REVISED -
REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**TEMPORARY CABLE PLAN
IL ROUTE 171 (STATE STREET) AT IL ROUTE 7 (9TH STREET)**

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
577	D-EXT-N	WILL	140	77
CONTRACT NO. 62C09				
ILLINOIS FED. AID PROJECT				

**TS #7517
ECON 179**

TEMPORARY SEQUENCE OF OPERATION

MOVEMENT								F L A S H																	
PHASE	2 + 5		2 + 6		3 + 7		3 + 8		4 + 7	4 + 8															
INTERVAL	1	2	3	4A	4B	5	6		7A	7B	8	9	10	11	12	13	14	15	16	17	18	19	20A	20B	
CHANGE TO			2 + 6	3 + 7 3 + 8 4 + 7 4 + 8			3 + 7 3 + 8 4 + 7 4 + 8			3 + 8	4 + 7	4 + 8				4 + 8				4 + 8			2 + 5 2 + 6		
IL ROUTE 171 - STATE STREET NEAR SIGNAL	NB	G	G	G	Y	R	G	G	Y	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R
IL ROUTE 171 - STATE STREET FAR SPAN WIRE SIGNALS	NB				Y	R	G	G	Y	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R
IL ROUTE 171 - STATE STREET ALL SIGNALS	SB	R	R	R	R	R	G	G	Y	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R
IL ROUTE 7 - 9TH STREET NEAR SIGNAL	EB	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	G	G	G	G	G	Y	R	R
IL ROUTE 7 - 9TH STREET FAR SPAN WIRE SIGNALS	EB	R	R	R	R	R	R	R	R	R					R	R	R				G	G	Y	R	R
IL ROUTE 7 - 9TH STREET NEAR SIGNAL	WB	R	R	R	R	R	R	R	R	R	R	R	R	G	G	G	R	R	R	G	G	Y	R	R	R
IL ROUTE 7 - 9TH STREET FAR SPAN WIRE SIGNALS	WB	R	R	R	R	R	R	R	R	R								R	R	R	G	G	Y	R	R
PEDESTRIAN SIGNALS CROSSING IL ROUTE 7 ON WEST SIDE OF IL ROUTE 171		H	H	H	H	H	P*	FH**	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H
PEDESTRIAN SIGNALS CROSSING IL ROUTE 7 ON EAST SIDE OF IL ROUTE 171		P*	FH**	H	H	H	P*	FH**	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H
PEDESTRIAN SIGNALS CROSSING IL ROUTE 171 ON SOUTH SIDE OF IL ROUTE 7		H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	P*	FH**	H	P*	FH**	H	H	H
PEDESTRIAN SIGNALS CROSSING IL ROUTE 171 ON NORTH SIDE OF IL ROUTE 7		H	H	H	H	H	H	H	H	H	H	H	H	H	P*	FH**	H	H	H	H	P*	FH**	H	H	H

NOTES: PHASES 4 AND 8 SHALL BE PLACED ON RECALL.

* TO APPEAR ONLY UPON PUSHBUTTON ACTUATION.

** FLASHING IS TO TERMINATE AT THE COMPLETION OF THE PEDESTRIAN CLEARANCE INTERVAL.

∅ THIS OR FLASHING INTERVAL MAY FINISH TIMING IN THE BIDIRECTIONAL STRAIGHT THROUGH MOVEMENT IF THE LEFT ARROW TIME IS NOT SUFFICIENT TO COMPLETE OR FLASHING INTERVALS.

P = ILLUMINATED PERSON = WALK
 FH = ILLUMINATED FLASHING HAND = FLASHING DON'T WALK
 H = ILLUMINATED SOLID HAND = DON'T WALK

**TS #7517
 ECON 179**

	USER NAME = LEP	DESIGNED - LEP	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	TEMPORARY SEQUENCE OF OPERATION IL ROUTE 171 (STATE STREET) AT IL ROUTE 7 (9TH STREET)			F.A.P. RTE. 577	SECTION D-EXT-N	COUNTY WILL	TOTAL SHEETS 140	SHEET NO. 78
	PLOT SCALE = 20.0000' / in.	CHECKED - JJE	REVISED -		SCALE: NO SCALE	SHEET NO. 1 OF 1 SHEETS	STA. TO STA.	CONTRACT NO. 62C09				
PLOT DATE = 3/16/2017	DATE - 03/20/2017	REVISED -	ILLINOIS FED. AID PROJECT									

TEMPORARY RAILROAD PREEMPTION SEQUENCE OF OPERATION

	1		5		8	12		15	18		PREEMPTOR NUMBER 3	PREEMPTOR NUMBER 4	PREEMPTOR NUMBER 2								
CHANGE FROM NORMAL SEQUENCE OF OPERATION INTERVAL NUMBER																					
CHANGE FROM EMERGENCY VEHICLE PREEMPTION SEQUENCE INTERVAL NUMBER											2	3									
RAILROAD PREEMPTION SEQUENCE OF OPERATION INTERVAL NUMBER	1A	1B	1C	1D	1E	1F	1G	1H	1J	1K	1L	1M	1N	1P	2	3	4	5	CLEAR TO NORMAL SEQUENCE		
CHANGE TO RAILROAD PREEMPTION SEQUENCE OF OPERATION INTERVAL NUMBER	1B	2	1D	2	2	1G	2	2	1K	2	1M	2	1P	2	3	4	5				
IL ROUTE 171 - STATE STREET NEAR SIGNAL	NB	Y	R	Y	R	R	R	R	R	R	R	Y	R	R	R	R	R	G	△		
IL ROUTE 171 - STATE STREET FAR SPAN WIRE SIGNALS	NB	Y	R	Y	R	R	R	R	R	R	R	Y	R	R	R	R	R	G	△		
IL ROUTE 171 - STATE STREET ALL SIGNALS	SB	R	R	Y	R	R	R	R	R	R	R	Y	R	R	R	R	R	G	△		
IL ROUTE 7 - 9TH STREET NEAR SIGNAL	EB	R	R	R	R	R	R	R	R	G	G	G	R	R	G	G	G	Y	R	R	△
IL ROUTE 7 - 9TH STREET FAR SPAN WIRE SIGNALS	EB	R	R	R	R	←G	R	R	←G	G	G	R	R	G	G	←G	←G	Y	R	R	△
IL ROUTE 7 - 9TH STREET NEAR SIGNAL	WB	R	R	R	R	R	Y	R	R	Y	R	R	R	Y	R	R	R	R	R	R	△
IL ROUTE 7 - 9TH STREET FAR SPAN WIRE SIGNALS	WB	R	R	R	R	←Y	Y	R	R	Y	R	R	R	Y	R	R	R	R	R	R	△
PEDESTRIAN SIGNALS CROSSING IL ROUTE 7 ON WEST SIDE OF IL ROUTE 171	H	H	FH	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	△
PEDESTRIAN SIGNALS CROSSING IL ROUTE 7 ON EAST SIDE OF IL ROUTE 171	FH	H	FH	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	△
PEDESTRIAN SIGNALS CROSSING IL ROUTE 171 ON SOUTH SIDE OF IL ROUTE 7	H	H	H	H	H	H	H	FH	FH	H	H	H	H	H	H	H	H	H	H	H	△
PEDESTRIAN SIGNALS CROSSING IL ROUTE 171 ON NORTH SIDE OF IL ROUTE 7	H	H	H	H	H	FH	H	H	FH	H	H	H	H	H	H	H	H	H	H	H	△

△ RAILROAD PREEMPTION SEQUENCE SHALL PROVIDE THE PROPER CLEARANCE INTERVAL TO RESUME THE NORMAL SEQUENCE OF OPERATION OR PROPER CLEARANCE INTERVAL TO DISPLAY AN EMERGENCY VEHICLE PREEMPTION INTERVAL (IF APPLICABLE) AFTER RAILROAD PREEMPTION INTERVAL 5 IS TERMINATED.

HOLD

TEMPORARY EMERGENCY VEHICLE PREEMPTION SEQUENCE OF OPERATION

	1		1		5	5		8	12		12		15		15		18		18		PREEMPTOR NUMBER 3	PREEMPTOR NUMBER 4	CLEAR TO NORMAL SEQUENCE					
CHANGE FROM NORMAL SEQUENCE OF OPERATION INTERVAL NUMBER																												
EMERGENCY VEHICLE PREEMPTION SEQUENCE OF OPERATION INTERVAL NUMBER	1A	1B	1C	1D	1E	1F	1G	1H	1J	1K	1L	1M	1N	1P	1Q	1R	1S	1T	1U	1V	1W	1X	1Y	1Z				
CHANGE TO EMERGENCY VEHICLE PREEMPTION SEQUENCE OF OPERATION INTERVAL NUMBER	1B	2	1D	1E	3	2	1H	1J	3	2 OR 3	1M	1N	2	1Q	3	1S	1T	2	1V	3	1X	1Y	2	3				
IL ROUTE 171 - STATE STREET NEAR SIGNAL	NB	G	G	G	Y	R	G	G	Y	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	G	R	◇	
IL ROUTE 171 - STATE STREET FAR SPAN WIRE SIGNALS	NB	←G	←G	←G	Y	R	G	G	Y	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	G	R	◇	
IL ROUTE 171 - STATE STREET ALL SIGNALS	SB	R	R	R	R	R	G	G	Y	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	G	R	◇	
IL ROUTE 7 - 9TH STREET NEAR SIGNAL	EB	R	R	R	R	R	R	R	R	R	R	R	R	R	R	G	Y	R	G	G	G	Y	R	G	R	G	◇	
IL ROUTE 7 - 9TH STREET FAR SPAN WIRE SIGNALS	EB	R	R	R	R	R	R	R	R	R	←Y	R	R	R	R	←G	Y	R	←G	←Y	G	Y	R	G	R	G	◇	
IL ROUTE 7 - 9TH STREET NEAR SIGNAL	WB	R	R	R	R	R	R	R	R	R	R	G	Y	R	G	G	R	R	R	R	R	G	Y	R	G	R	G	◇
IL ROUTE 7 - 9TH STREET FAR SPAN WIRE SIGNALS	WB	R	R	R	R	R	R	R	R	R	←Y	←G	Y	R	←G	←Y	R	R	R	R	R	G	Y	R	G	R	G	◇
PEDESTRIAN SIGNALS CROSSING IL ROUTE 7 ON WEST SIDE OF IL ROUTE 171	H	H	H	H	H	FH	FH	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	◇
PEDESTRIAN SIGNALS CROSSING IL ROUTE 7 ON EAST SIDE OF IL ROUTE 171	FH	H	FH	H	H	FH	FH	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	◇
PEDESTRIAN SIGNALS CROSSING IL ROUTE 171 ON SOUTH SIDE OF IL ROUTE 7	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	FH	H	H	FH	H	FH	H	H	FH	H	H	FH	◇
PEDESTRIAN SIGNALS CROSSING IL ROUTE 171 ON NORTH SIDE OF IL ROUTE 7	H	H	H	H	H	H	H	H	H	H	FH	H	H	FH	H	H	H	H	H	H	FH	H	H	FH	H	H	FH	◇

◇ EMERGENCY VEHICLE PREEMPTION SEQUENCE SHALL PROVIDE THE PROPER CLEARANCE INTERVAL TO RESUME THE NORMAL SEQUENCE OF OPERATION OR PROPER CLEARANCE INTERVAL TO DISPLAY A DIFFERENT EMERGENCY VEHICLE PREEMPTION INTERVAL AFTER EMERGENCY VEHICLE PREEMPTION INTERVAL 2 OR 3 IS TERMINATED.

**TS #7517
ECON 179**

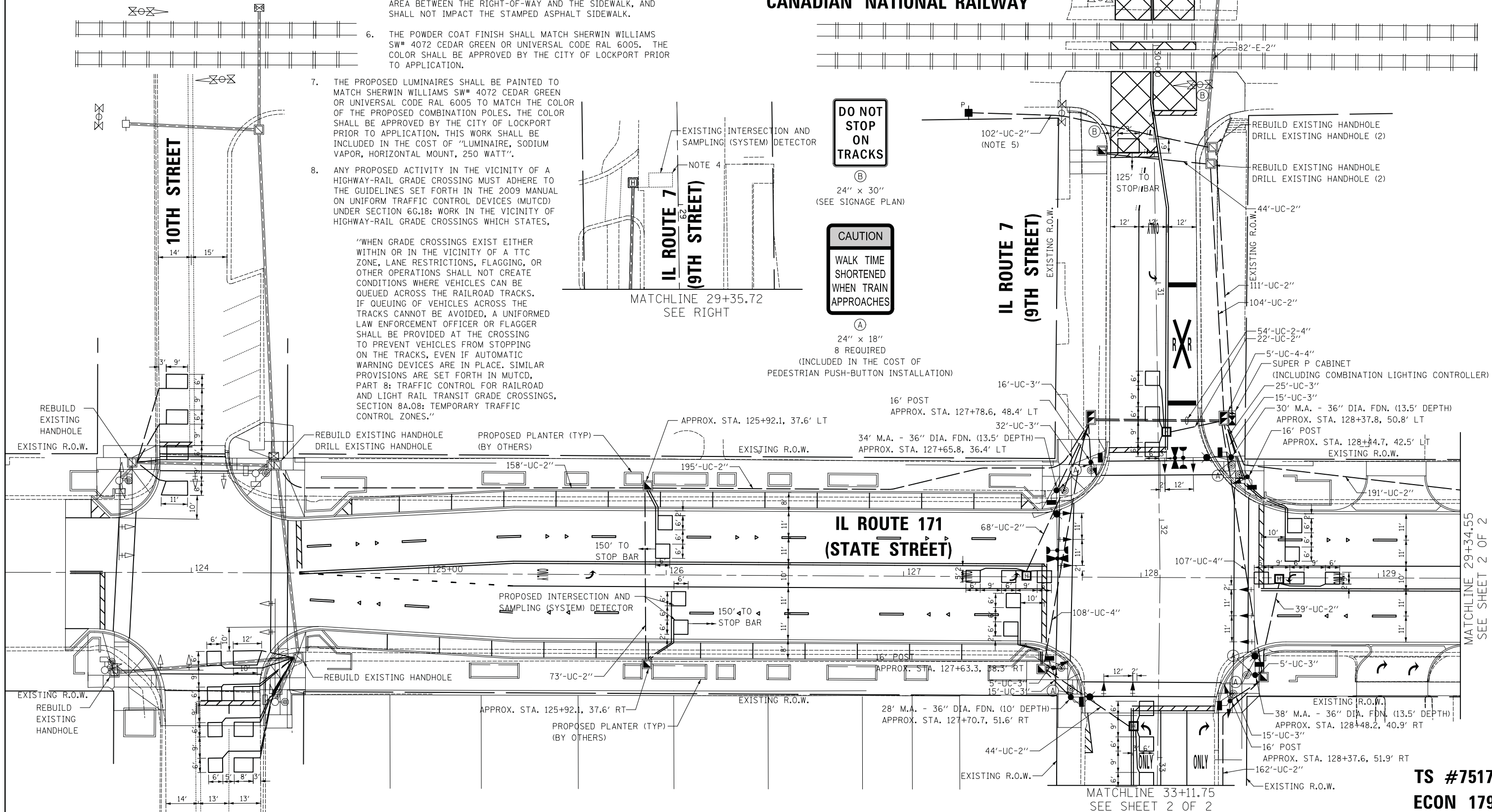
NOTES:

- TOP PRIORITY: THE CONTRACTOR SHALL LOCATE THE PROPOSED MAST ARM FOUNDATIONS, SIGNAL POST FOUNDATIONS, AND CONTROLLER CABINET FOUNDATION BEFORE ORDERING ANY SIGNAL EQUIPMENT OR INSTALLING THE TEMPORARY TRAFFIC SIGNAL.
- ALL STATION/OFFSETS ARE FROM THE CENTERLINE OF IL ROUTE 171 UNLESS OTHERWISE NOTED.
- EACH DETECTOR LOOP SHALL HAVE ITS OWN 1" COILABLE NON-METALLIC CONDUIT BETWEEN THE EDGE OF PAVEMENT AND THE ADJACENT HANDHOLE AS SHOWN ON THE PLANS AND AS STATED IN THE TRAFFIC SIGNAL SPECIFICATIONS.
- THE EXISTING IL ROUTE 7 LOOP DETECTOR WEST OF THE RAILROAD CROSSING SHALL REMAIN IN OPERATION AND SHALL BE SPLICED TO PROPOSED LEAD-IN CABLE.
- THE PROPOSED CONDUIT SHALL BE INSTALLED IN THE BUFFER AREA BETWEEN THE RIGHT-OF-WAY AND THE SIDEWALK, AND SHALL NOT IMPACT THE STAMPED ASPHALT SIDEWALK.
- THE POWDER COAT FINISH SHALL MATCH SHERWIN WILLIAMS SW# 4072 CEDAR GREEN OR UNIVERSAL CODE RAL 6005. THE COLOR SHALL BE APPROVED BY THE CITY OF LOCKPORT PRIOR TO APPLICATION.

- THE PROPOSED LUMINAIRES SHALL BE PAINTED TO MATCH SHERWIN WILLIAMS SW# 4072 CEDAR GREEN OR UNIVERSAL CODE RAL 6005 TO MATCH THE COLOR OF THE PROPOSED COMBINATION POLES. THE COLOR SHALL BE APPROVED BY THE CITY OF LOCKPORT PRIOR TO APPLICATION. THIS WORK SHALL BE INCLUDED IN THE COST OF "LUMINAIRE, SODIUM VAPOR, HORIZONTAL MOUNT, 250 WATT".
- ANY PROPOSED ACTIVITY IN THE VICINITY OF A HIGHWAY-RAIL GRADE CROSSING MUST ADHERE TO THE GUIDELINES SET FORTH IN THE 2009 MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (MUTCD) UNDER SECTION 6G.18: WORK IN THE VICINITY OF HIGHWAY-RAIL GRADE CROSSINGS WHICH STATES,

"WHEN GRADE CROSSINGS EXIST EITHER WITHIN OR IN THE VICINITY OF A TTC ZONE, LANE RESTRICTIONS, FLAGGING, OR OTHER OPERATIONS SHALL NOT CREATE CONDITIONS WHERE VEHICLES CAN BE QUEUED ACROSS THE RAILROAD TRACKS. IF QUEUING OF VEHICLES ACROSS THE TRACKS CANNOT BE AVOIDED, A UNIFORMED LAW ENFORCEMENT OFFICER OR FLAGGER SHALL BE PROVIDED AT THE CROSSING TO PREVENT VEHICLES FROM STOPPING ON THE TRACKS, EVEN IF AUTOMATIC WARNING DEVICES ARE IN PLACE. SIMILAR PROVISIONS ARE SET FORTH IN MUTCD, PART 8: TRAFFIC CONTROL FOR RAILROAD AND LIGHT RAIL TRANSIT GRADE CROSSINGS, SECTION 8A.08: TEMPORARY TRAFFIC CONTROL ZONES."

CANADIAN NATIONAL RAILWAY



DO NOT STOP ON TRACKS

24" x 30"
(SEE SIGNAGE PLAN)

CAUTION
WALK TIME SHORTENED WHEN TRAIN APPROACHES

24" x 18"
8 REQUIRED
(INCLUDED IN THE COST OF PEDESTRIAN PUSH-BUTTON INSTALLATION)

USER NAME = LEP	DESIGNED - LEP	REVISED -
PLOT SCALE = 20.0000' / in.	DRAWN - OJT	REVISED -
PLOT DATE = 3/16/2017	CHECKED - JJE	REVISED -
	DATE - 03/20/2017	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**TRAFFIC SIGNAL MODERNIZATION PLAN
IL ROUTE 171 (STATE STREET) AT IL ROUTE 7 (9TH STREET)**

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
577	D-EXT-N	WILL	140	80
CONTRACT NO. 62C09				
ILLINOIS FED. AID PROJECT				

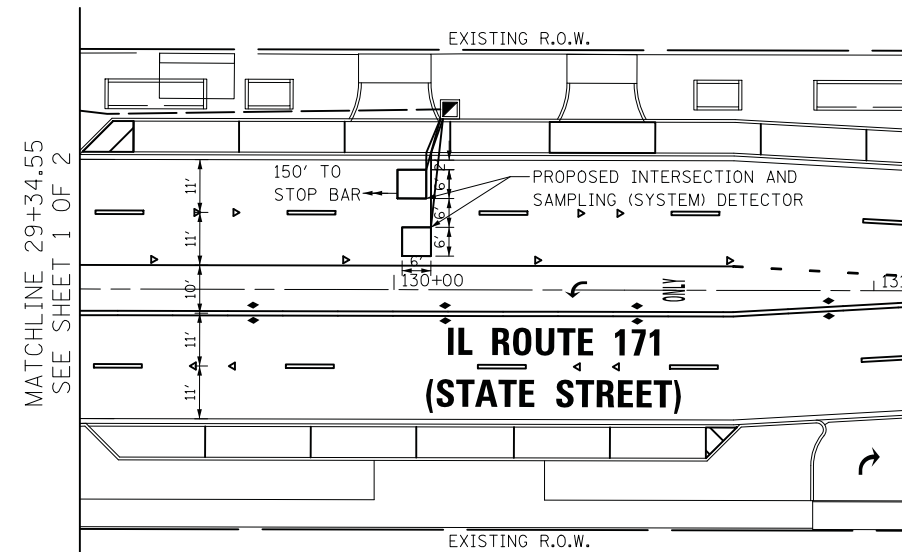
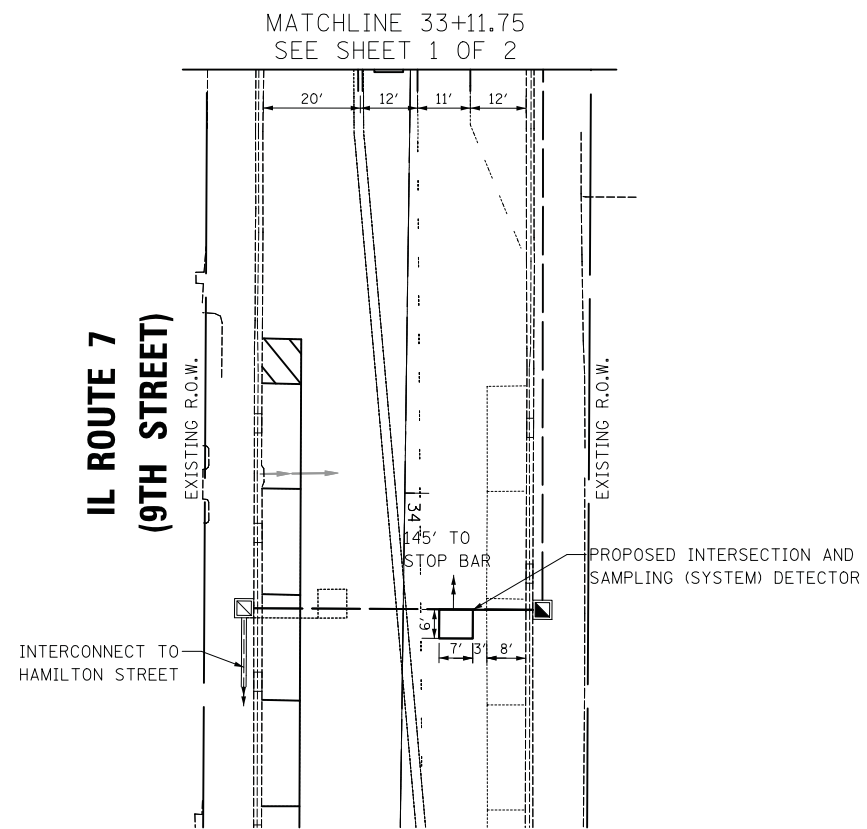
**TS #7517
ECON 179**

MATCHLINE 29+34.55
SEE SHEET 2 OF 2

MATCHLINE 33+11.75
SEE SHEET 2 OF 2

MATCHLINE 29+35.72
SEE RIGHT

MATCHLINE 29+35.72
SEE LEFT



**TS #7517
ECON 179**

	USER NAME = LEP	DESIGNED - LEP	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	TRAFFIC SIGNAL MODERNIZATION PLAN IL ROUTE 171 (STATE STREET) AT IL ROUTE 7 (9TH STREET)	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		DRAWN - OJT	REVISED -			577	D-EXT-N	WILL	140	81
	PLOT SCALE = 20.0000' / in.	CHECKED - JJE	REVISED -			CONTRACT NO. 62C09				
	PLOT DATE = 3/16/2017	DATE - 03/20/2017	REVISED -			ILLINOIS FED. AID PROJECT				
						SCALE: 1" = 20'	SHEET NO. 2 OF 2 SHEETS	STA.	TO STA.	

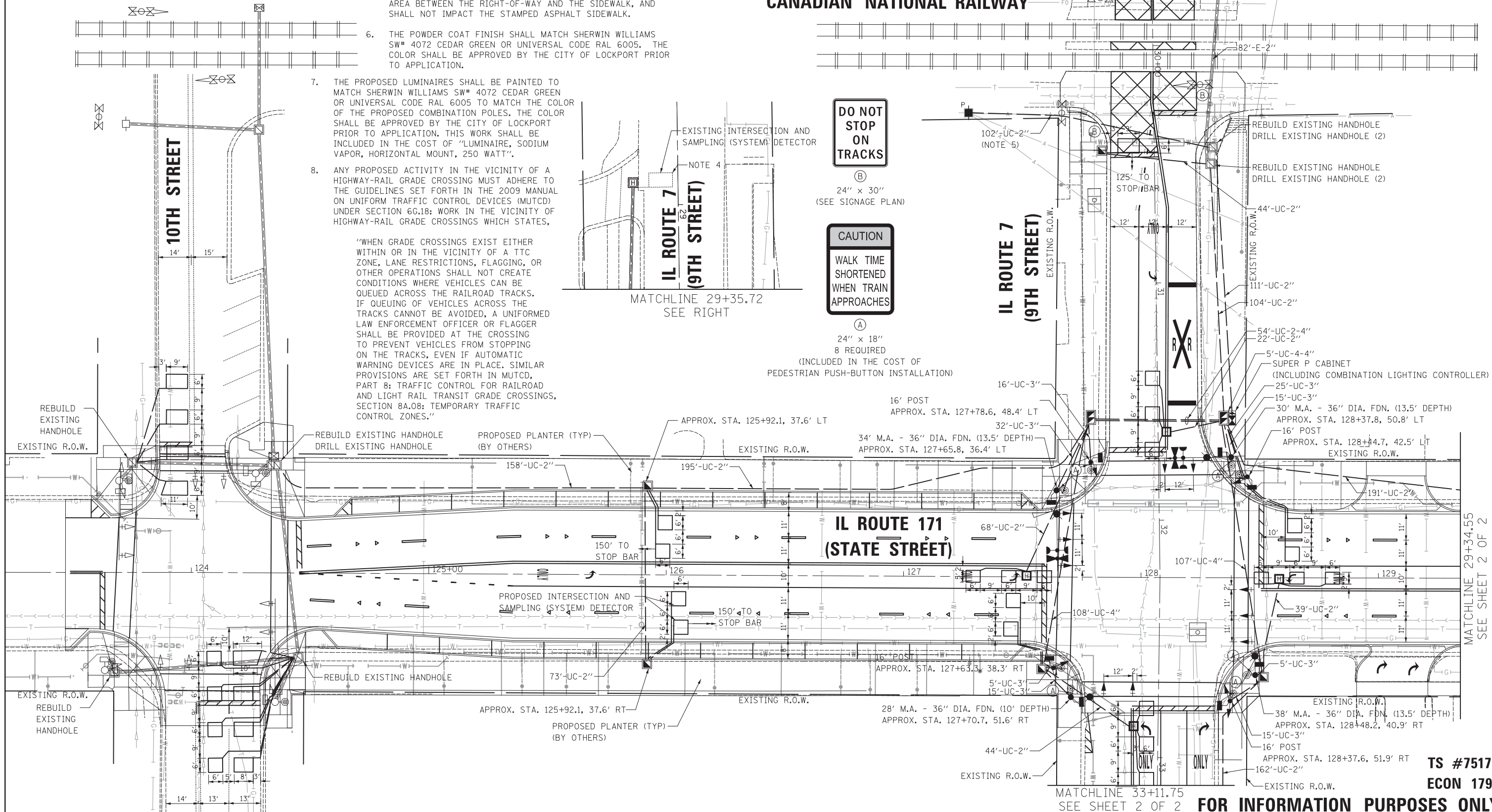
NOTES:

1. TOP PRIORITY: THE CONTRACTOR SHALL LOCATE THE PROPOSED MAST ARM FOUNDATIONS, SIGNAL POST FOUNDATIONS, AND CONTROLLER CABINET FOUNDATION BEFORE ORDERING ANY SIGNAL EQUIPMENT OR INSTALLING THE TEMPORARY TRAFFIC SIGNAL.
2. ALL STATION/OFFSETS ARE FROM THE CENTERLINE OF IL ROUTE 171 UNLESS OTHERWISE NOTED.
3. EACH DETECTOR LOOP SHALL HAVE ITS OWN 1" COILABLE NON-METALLIC CONDUIT BETWEEN THE EDGE OF PAVEMENT AND THE ADJACENT HANDHOLE AS SHOWN ON THE PLANS AND AS STATED IN THE TRAFFIC SIGNAL SPECIFICATIONS.
4. THE EXISTING IL ROUTE 7 LOOP DETECTOR WEST OF THE RAILROAD CROSSING SHALL REMAIN IN OPERATION AND SHALL BE SPliced TO PROPOSED LEAD-IN CABLE.
5. THE PROPOSED CONDUIT SHALL BE INSTALLED IN THE BUFFER AREA BETWEEN THE RIGHT-OF-WAY AND THE SIDEWALK, AND SHALL NOT IMPACT THE STAMPED ASPHALT SIDEWALK.
6. THE POWDER COAT FINISH SHALL MATCH SHERWIN WILLIAMS SW# 4072 CEDAR GREEN OR UNIVERSAL CODE RAL 6005. THE COLOR SHALL BE APPROVED BY THE CITY OF LOCKPORT PRIOR TO APPLICATION.

7. THE PROPOSED LUMINAIRES SHALL BE PAINTED TO MATCH SHERWIN WILLIAMS SW# 4072 CEDAR GREEN OR UNIVERSAL CODE RAL 6005 TO MATCH THE COLOR OF THE PROPOSED COMBINATION POLES. THE COLOR SHALL BE APPROVED BY THE CITY OF LOCKPORT PRIOR TO APPLICATION. THIS WORK SHALL BE INCLUDED IN THE COST OF "LUMINAIRE, SODIUM VAPOR, HORIZONTAL MOUNT, 250 WATT".
8. ANY PROPOSED ACTIVITY IN THE VICINITY OF A HIGHWAY-RAIL GRADE CROSSING MUST ADHERE TO THE GUIDELINES SET FORTH IN THE 2009 MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (MUTCD) UNDER SECTION 6G.18: WORK IN THE VICINITY OF HIGHWAY-RAIL GRADE CROSSINGS WHICH STATES,

"WHEN GRADE CROSSINGS EXIST EITHER WITHIN OR IN THE VICINITY OF A TTC ZONE, LANE RESTRICTIONS, FLAGGING, OR OTHER OPERATIONS SHALL NOT CREATE CONDITIONS WHERE VEHICLES CAN BE QUEUED ACROSS THE RAILROAD TRACKS. IF QUEUING OF VEHICLES ACROSS THE TRACKS CANNOT BE AVOIDED, A UNIFORMED LAW ENFORCEMENT OFFICER OR FLAGGER SHALL BE PROVIDED AT THE CROSSING TO PREVENT VEHICLES FROM STOPPING ON THE TRACKS, EVEN IF AUTOMATIC WARNING DEVICES ARE IN PLACE. SIMILAR PROVISIONS ARE SET FORTH IN MUTCD, PART 8: TRAFFIC CONTROL FOR RAILROAD AND LIGHT RAIL TRANSIT GRADE CROSSINGS, SECTION 8A.08: TEMPORARY TRAFFIC CONTROL ZONES."

CANADIAN NATIONAL RAILWAY



DO NOT STOP ON TRACKS
 (B)
 24" x 30"
 (SEE SIGNAGE PLAN)

CAUTION
 WALK TIME SHORTENED WHEN TRAIN APPROACHES
 (A)
 24" x 18"
 8 REQUIRED
 (INCLUDED IN THE COST OF PEDESTRIAN PUSH-BUTTON INSTALLATION)

**TS #7517
 ECON 179**

FOR INFORMATION PURPOSES ONLY

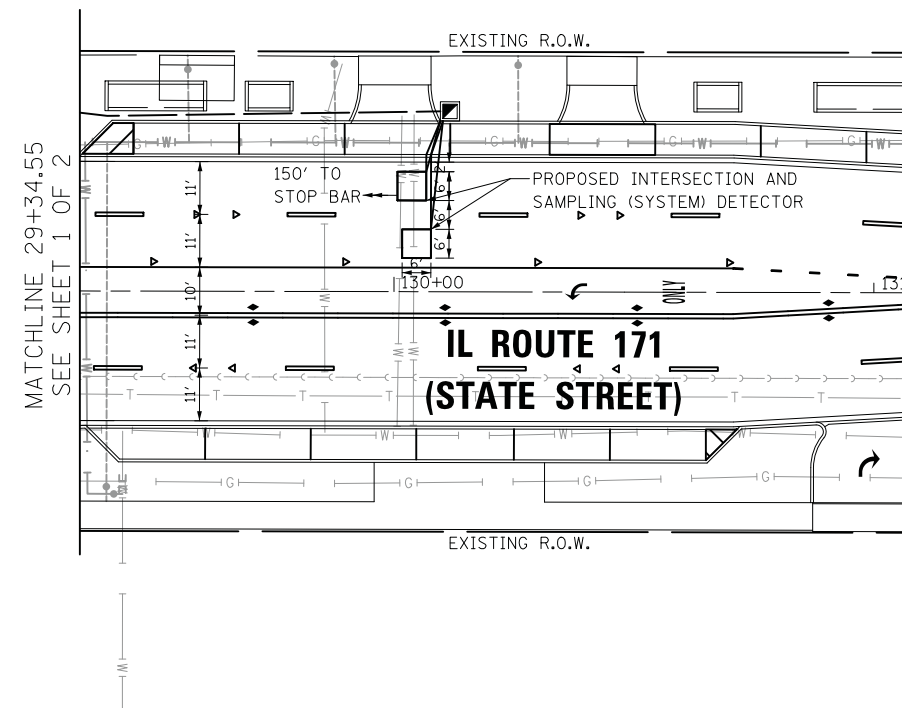
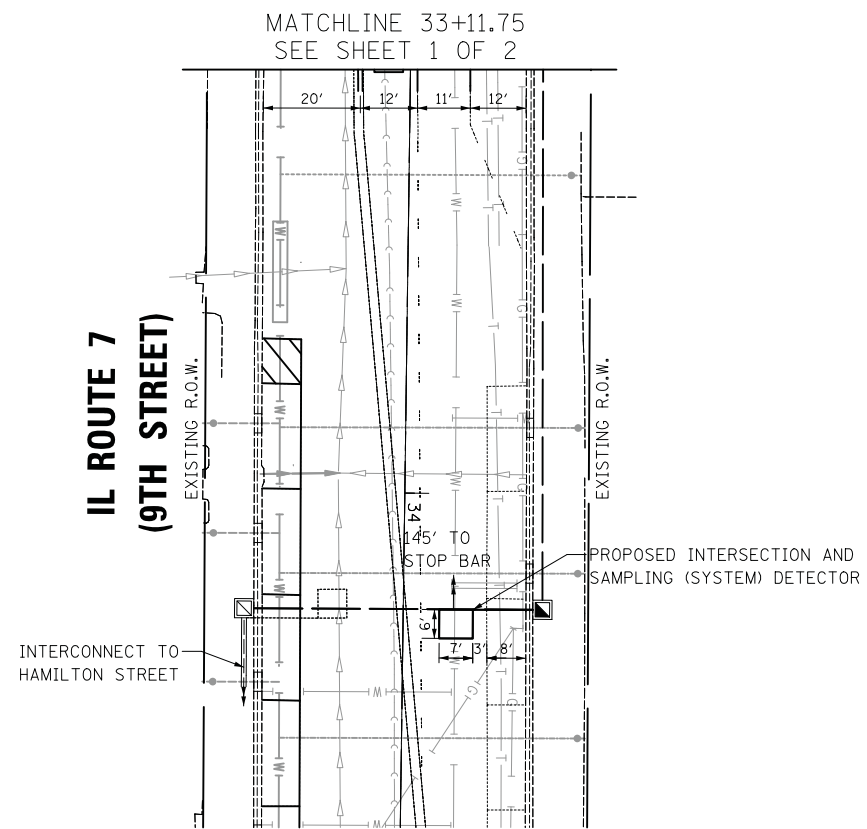


USER NAME = LEP	DESIGNED - LEP	REVISED -
PLOT SCALE = 20.0000' / 1"	DRAWN - OJT	REVISED -
PLOT DATE = 6/6/2017	CHECKED - JJE	REVISED -
	DATE - 03/20/2017	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**UTILITY PLANS
 IL ROUTE 171 (STATE STREET) AT IL ROUTE 7 (9TH STREET)**
 SCALE: 1" = 20' SHEET NO. 1 OF 2 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
577	D-EXT-N	WILL	140	82
CONTRACT NO. 62C09				
ILLINOIS FED. AID PROJECT				

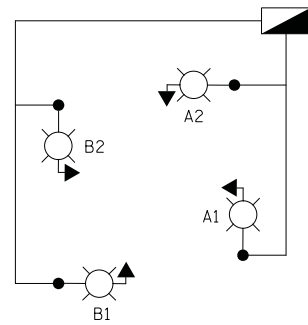


**TS #7517
ECON 179**

FOR INFORMATION PURPOSES ONLY

	USER NAME = LEP	DESIGNED - LEP	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	UTILITY PLANS			F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	DRAWN - OJT	CHECKED - JJE	REVISED -		IL ROUTE 171 (STATE STREET) AT IL ROUTE 7 (9TH STREET)			577	D-EXT-N	WILL	140	83
PLOT SCALE = 20.0000' / in.	DATE - 03/20/2017	REVISED -	REVISED -		SCALE: 1" = 20'	SHEET NO. 2 OF 2 SHEETS	STA. TO STA.	CONTRACT NO. 62C09				
PLOT DATE = 3/16/2017	REVISED -	REVISED -	REVISED -		ILLINOIS FED. AID PROJECT							

IL ROUTE 171 / IL ROUTE 7
COMBINATION LIGHTING
ONE-LINE DIAGRAM



IDOT CONTROLLER LOAD TABLE			
RED CABLE	Ø120V	BLACK CABLE	Ø120V
A	4.2	B	4.2
TOTAL		4.2	

LEGEND

- PROPOSED 250 WATT, HPS LUMINAIRE
- PROPOSED COMBINATION LIGHTING CONTROLLER INSIDE SUPER P CABINET

**TRAFFIC SIGNAL
ELECTRICAL SERVICE REQUIREMENTS**

TYPE	NO. OF LAMPS	LED WATTAGE	% OPERATION	TOTAL WATTAGE
SIGNAL (RED)	15	11	50	82.5
(YELLOW)	15	20	5	15.0
(GREEN)	15	12	45	81.0
PERMISSIVE ARROW	20	10	10	20.0
PED. SIGNAL	8	20	100	160.0
CONTROLLER	1	100	100	100.0
UPS	1	25	100	25.0
VIDEO SYSTEM	-	150	100	-
BLANK-OUT SIGN	-	25	5	-
FLASHER	-	-	50	-
STREET NAME SIGN	-	120	50	-
LUMINAIRE	4	250	50	500.0
TOTAL =				983.5

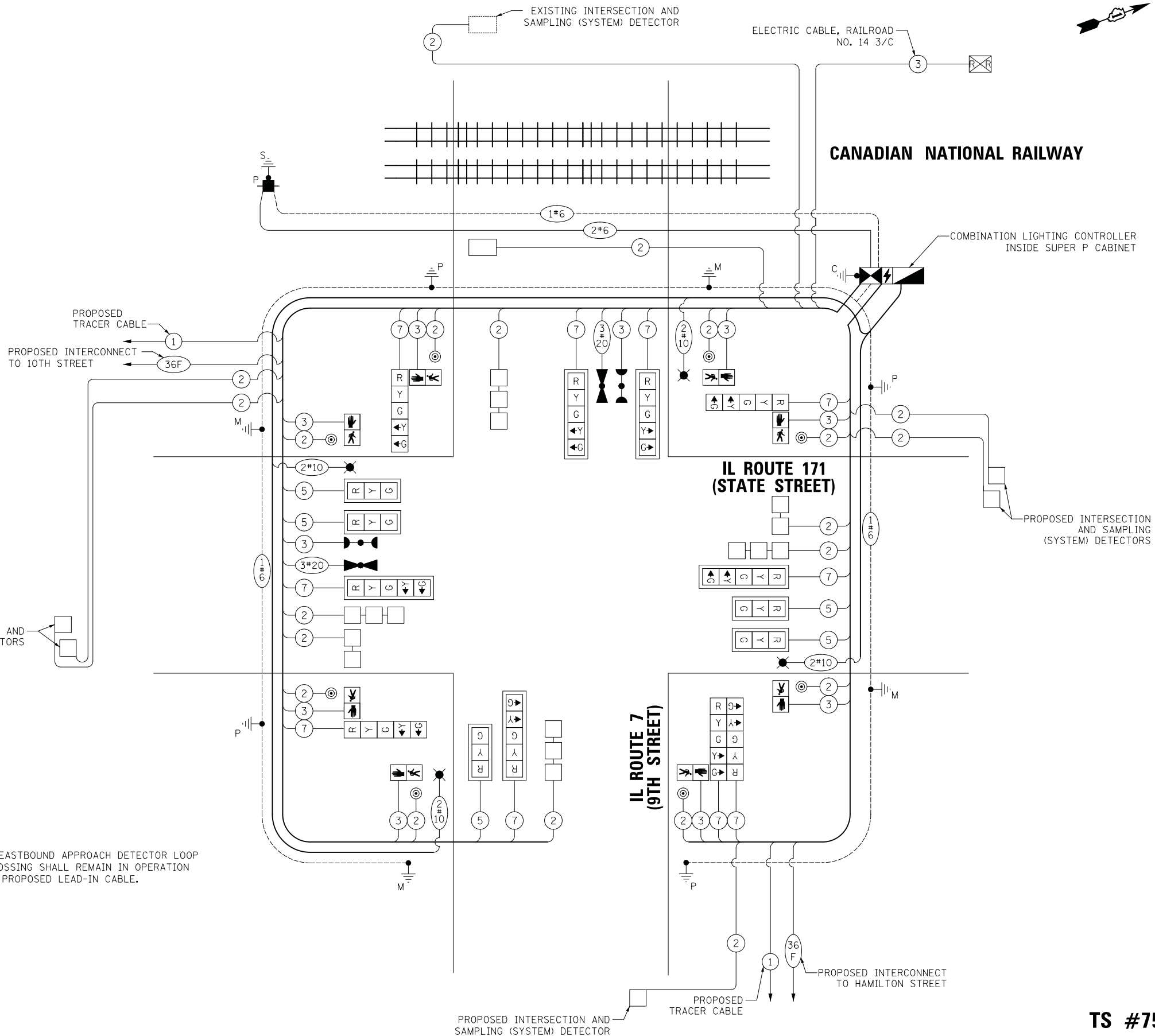
ENERGY COSTS TO:

CITY OF LOCKPORT
222 E 9TH STREET
LOCKPORT, IL 60441

ENERGY SUPPLY: CONTACT: JAMES GLOVER
PHONE: 815-724-5054
COMPANY: COM ED
ACCOUNT NUMBER: 2203107039

NOTES:

- THE EXISTING IL ROUTE 7 EASTBOUND APPROACH DETECTOR LOOP WEST OF THE RAILROAD CROSSING SHALL REMAIN IN OPERATION AND SHALL BE SPLICED TO PROPOSED LEAD-IN CABLE.



USER NAME = LEP	DESIGNED - LEP	REVISED -
PLOT SCALE = 20.0000' / in.	DRAWN - OJT	REVISED -
PLOT DATE = 3/16/2017	CHECKED - JJE	REVISED -
	DATE - 03/20/2017	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

CABLE PLAN
IL ROUTE 171 (STATE STREET) AND IL ROUTE 7 (9TH STREET)

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

F.A.P. RTE. 577	SECTION D-EXT-N	COUNTY WILL	TOTAL SHEETS 140	SHEET NO. 84
CONTRACT NO. 62C09				
ILLINOIS FED. AID PROJECT				

TS #7517
ECON 179

PROPOSED SEQUENCE OF OPERATION

MOVEMENT			1 + 5					1 + 6					2 + 5					2 + 6				3 + 7				3 + 8			4 + 7			4 + 8				F L A S H
PHASE		1	2	3	4	5	6	7	8	9A	9B	10	11	12	13A	13B	14	15	16A	16B	17	18	19	20	21	22	23	24	25	26	27	28	29A	29B		
CHANGE TO			1+6	2+5	2+6	3+7 3+8 4+7 4+8	∅	∅	2+6	3+7 3+8 4+7 4+8	∅	∅	2+6	3+7 3+8 4+7 4+8	∅	∅	3+7 3+8 4+7 4+8	∅	∅	3+7 3+8 4+7 4+8	∅	∅	3+8	4+7	4+8	∅	∅	4+8	∅	∅	4+8	∅	∅	1+5 1+6 2+5 2+6		
IL ROUTE 171 - STATE STREET END MAST ARM AND FAR LEFT SIGNALS	NB	R ←G	R ←Y	R ←G	R ←Y	R ←Y	R	R	R	R	R	G ←G	G ←G	G ←Y	Y	R	G	G	Y	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R		
IL ROUTE 171 - STATE STREET MID AND RIGHT MAST ARM SIGNALS	NB	R	R	R	R	R	R	R	R	R	R	G	G	G	Y	R	G	G	Y	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R		
IL ROUTE 171 - STATE STREET END MAST ARM AND FAR LEFT SIGNALS	SB	R ←G	R ←G	R ←Y	R ←Y	R ←Y	G ←G	G ←G	G ←Y	Y	R	R	R	R	R	R	G	G	Y	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R		
IL ROUTE 171 - STATE STREET MID AND RIGHT MAST ARM SIGNALS	SB	R	R	R	R	R	G	G	G	Y	R	R	R	R	R	R	G	G	Y	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R		
IL ROUTE 7 - 9TH STREET END MAST ARM AND FAR LEFT SIGNALS	EB	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R		
IL ROUTE 7 - 9TH STREET RIGHT MAST ARM SIGNAL	EB	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R		
IL ROUTE 7 - 9TH STREET END MAST ARM AND FAR LEFT SIGNALS	WB	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R		
IL ROUTE 7 - 9TH STREET RIGHT MAST ARM AND NEAR RIGHT SIGNALS	WB	R G→	R G→	R Y→	R Y→	R Y→	R G→	R G→	R Y→	R Y→	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R		
PEDESTRIAN SIGNALS CROSSING IL ROUTE 171 ON NORTH SIDE OF IL ROUTE 7		H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H		
PEDESTRIAN SIGNALS CROSSING IL ROUTE 171 ON SOUTH SIDE OF IL ROUTE 7		H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H		
PEDESTRIAN SIGNALS CROSSING IL ROUTE 7 ON EAST SIDE OF IL ROUTE 171		H	H	H	H	H	H	H	H	H	H	P*	FH**	H	H	H	P*	FH**	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H		
PEDESTRIAN SIGNALS CROSSING IL ROUTE 7 ON WEST SIDE OF IL ROUTE 171		H	H	H	H	H	P*	FH**	H	H	H	H	H	H	H	H	P*	FH**	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H		

NOTE: PHASES 4 AND 8 SHALL BE PLACED ON RECALL.

* TO APPEAR ONLY UPON PUSHBUTTON ACTUATION.

** FLASHING IS TO TERMINATE AT THE COMPLETION OF THE PEDESTRIAN CLEARANCE INTERVAL.

∅ THIS OR FLASHING INTERVAL MAY FINISH TIMING IN THE BIDIRECTIONAL STRAIGHT THROUGH MOVEMENT IF

THE LEFT ARROW TIME IS NOT SUFFICIENT TO COMPLETE OR FLASHING INTERVALS.

P = ILLUMINATED PERSON = WALK
 FH = ILLUMINATED FLASHING HAND = FLASHING DON'T WALK
 H = ILLUMINATED SOLID HAND = DON'T WALK

**TS #7517
 ECON 179**

	USER NAME = LEP	DESIGNED - LEP	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PROPOSED SEQUENCE OF OPERATION IL ROUTE 171 (STATE STREET) AT IL ROUTE 7 (9TH STREET)				F.A.P. RTE. 577	SECTION D-EXT-N	COUNTY WILL	TOTAL SHEETS 140	SHEET NO. 85	
	PLOT SCALE = 20.0000' / in.	CHECKED - JJE	REVISED -		SCALE: NO SCALE	SHEET NO. 1	OF 1 SHEETS	STA. TO STA.	CONTRACT NO. 62C09					
	PLOT DATE = 3/16/2017	DATE - 03/20/2017	REVISED -		ILLINOIS FED. AID PROJECT									

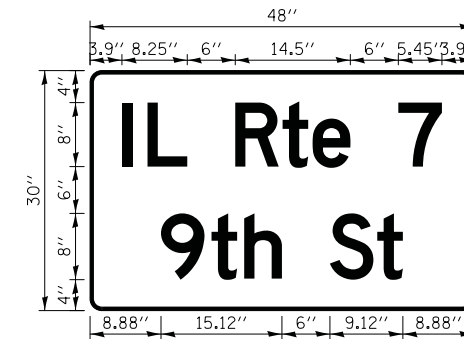
**SCHEDULE OF QUANTITIES
IL ROUTE 171 / IL ROUTE 7 (9TH STREET)**

PAY ITEM	UNIT	QNTY.
SIGN PANEL - TYPE 2	SQ FT	45
SERVICE INSTALLATION - POLE MOUNTED	EACH	1
UNDERGROUND CONDUIT, GALVANIZED STEEL, 2" DIA.	FOOT	1155
UNDERGROUND CONDUIT, GALVANIZED STEEL, 3" DIA.	FOOT	128
UNDERGROUND CONDUIT, GALVANIZED STEEL, 4" DIA.	FOOT	343
HANDHOLE	EACH	7
HEAVY-DUTY HANDHOLE	EACH	4
DOUBLE HANDHOLE	EACH	2
ELECTRIC CABLE IN CONDUIT, 600V (XLP-TYPE USE) 1/C NO. 10	FOOT	1078
LUMINAIRE, SODIUM VAPOR, HORIZONTAL MOUNT, 250 WATT	EACH	4
* PAINT NEW TRAFFIC SIGNAL POST	EACH	4
* PAINT NEW COMBINATION TRAFFIC SIGNAL MAST ARM AND POLE, UNDER 40 FOOT	EACH	4
TRANSCIEIVER - FIBER OPTIC	EACH	1
ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 2C	FOOT	1120
ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 3C	FOOT	1441
ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 5C	FOOT	953
ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 7C	FOOT	1574
ELECTRIC CABLE IN CONDUIT, LEAD-IN, NO. 14 1 PAIR	FOOT	2898
ELECTRIC CABLE IN CONDUIT, RAILROAD, NO. 14 3C	FOOT	250
ELECTRIC CABLE IN CONDUIT, SERVICE, NO. 6 2C	FOOT	239
ELECTRIC CABLE IN CONDUIT, EQUIPMENT GROUNDING CONDUCTOR, NO. 6 1C	FOOT	828
TRAFFIC SIGNAL POST, GALVANIZED STEEL, 16 FT.	EACH	4
CONCRETE FOUNDATION, TYPE A	FOOT	16
CONCRETE FOUNDATION, TYPE C	FOOT	4
CONCRETE FOUNDATION, TYPE E 36-INCH DIAMETER	FOOT	51
DRILL EXISTING HANDHOLE	EACH	4
SIGNAL HEAD, LED, 1-FACE, 3-SECTION, MAST-ARM MOUNTED	EACH	5
SIGNAL HEAD, LED, 1-FACE, 5-SECTION, BRACKET MOUNTED	EACH	5
SIGNAL HEAD, LED, 1-FACE, 5-SECTION, MAST-ARM MOUNTED	EACH	5
PEDESTRIAN SIGNAL HEAD, LED, 1-FACE, BRACKET MOUNTED	EACH	8
TRAFFIC SIGNAL BACKPLATE, LOUVERED, FORMED PLASTIC	EACH	10
INDUCTIVE LOOP DETECTOR	EACH	13
DETECTOR LOOP, TYPE I	FOOT	747
* LIGHT DETECTOR	EACH	2
* LIGHT DETECTOR AMPLIFIER	EACH	1
PEDESTRIAN PUSH-BUTTON	EACH	8
TEMPORARY TRAFFIC SIGNAL INSTALLATION	EACH	1
REMOVE ELECTRIC CABLE FROM CONDUIT	FOOT	498
REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT	EACH	1
REBUILD EXISTING HANDHOLE	EACH	2
REMOVE EXISTING HANDHOLE	EACH	9
REMOVE EXISTING DOUBLE HANDHOLE	EACH	1
REMOVE EXISTING CONCRETE FOUNDATION	EACH	5
* EMERGENCY VEHICLE PRIORITY SYSTEM LINE SENSOR CABLE, NO. 20 3/C	FOOT	265
ROD AND CLEAN EXISTING CONDUIT	FOOT	223
RAILROAD, FULL-ACTUATED CONTROLLER AND TYPE SUPER P CABINET (SPECIAL)	EACH	1
COMBINATION LIGHTING CONTROLLER	EACH	1
UNINTERRUPTABLE POWER SUPPLY, SPECIAL	EACH	1
* * STEEL COMBINATION MAST ARM ASSEMBLY AND POLE, 28 FT. (SPECIAL)	EACH	1
* * STEEL COMBINATION MAST ARM ASSEMBLY AND POLE, 30 FT. (SPECIAL)	EACH	1
* * STEEL COMBINATION MAST ARM ASSEMBLY AND POLE, 34 FT. (SPECIAL)	EACH	1
* * STEEL COMBINATION MAST ARM ASSEMBLY AND POLE, 38 FT. (SPECIAL)	EACH	1
LUMINAIRE SAFETY CABLE ASSEMBLY	EACH	4
TEMPORARY TRAFFIC SIGNAL TIMING	EACH	1

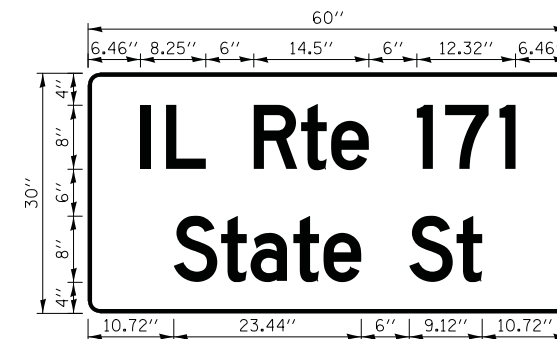
* 100% COST TO CITY OF LOCKPORT
* * PARTIAL COST TO CITY OF LOCKPORT

**SCHEDULE OF QUANTITIES
IL ROUTE 171 / 10TH STREET**

PAY ITEM	UNIT	QNTY.
UNDERGROUND CONDUIT, GALVANIZED STEEL, 2" DIA.	FOOT	158
MAINTENANCE OF EXISTING TRAFFIC SIGNAL INSTALLATION	EACH	1
ELECTRIC CABLE IN CONDUIT, LEAD-IN, NO. 14 1 PAIR	FOOT	374
DRILL EXISTING HANDHOLE	EACH	1
DETECTOR LOOP, TYPE I	FOOT	496
REBUILD EXISTING HANDHOLE	EACH	4

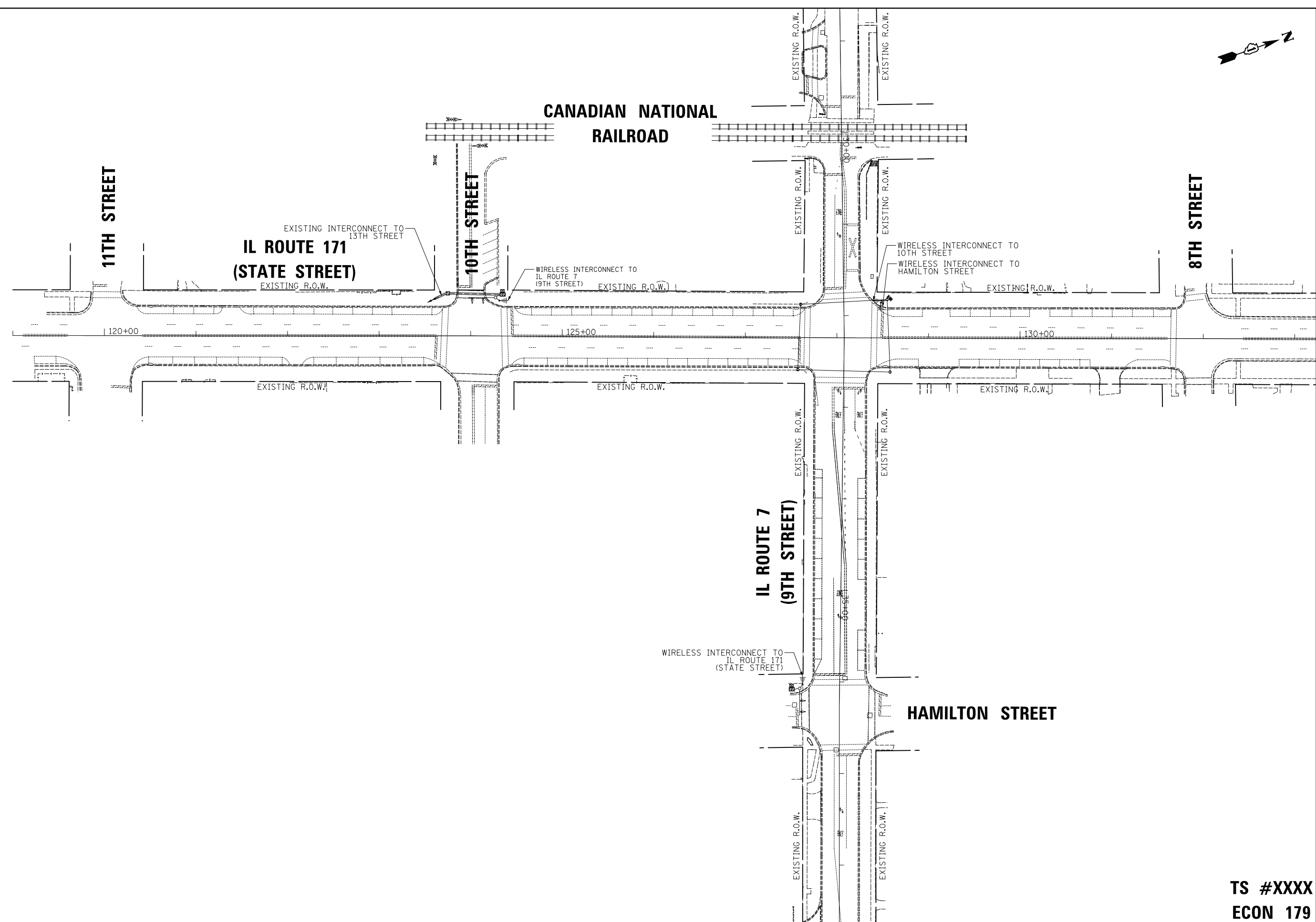
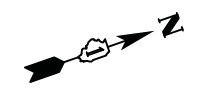


DESIGN SERIES	AREA (SQ FT)	SIGN PANEL TYPE	SHEETING TYPE	QTY. REQUIRED
D	10	TYPE 2	ZZ	2



DESIGN SERIES	AREA (SQ FT)	SIGN PANEL TYPE	SHEETING TYPE	QTY. REQUIRED
D	12.5	TYPE 2	ZZ	2

**TS #7517
ECON 179**



TS #XXXX
ECON 179



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PLOT SCALE = 50.0000' / in.	CHECKED - JJE	REVISED -
PLOT DATE = 3/16/2017	DATE - 03/20/2017	REVISED -

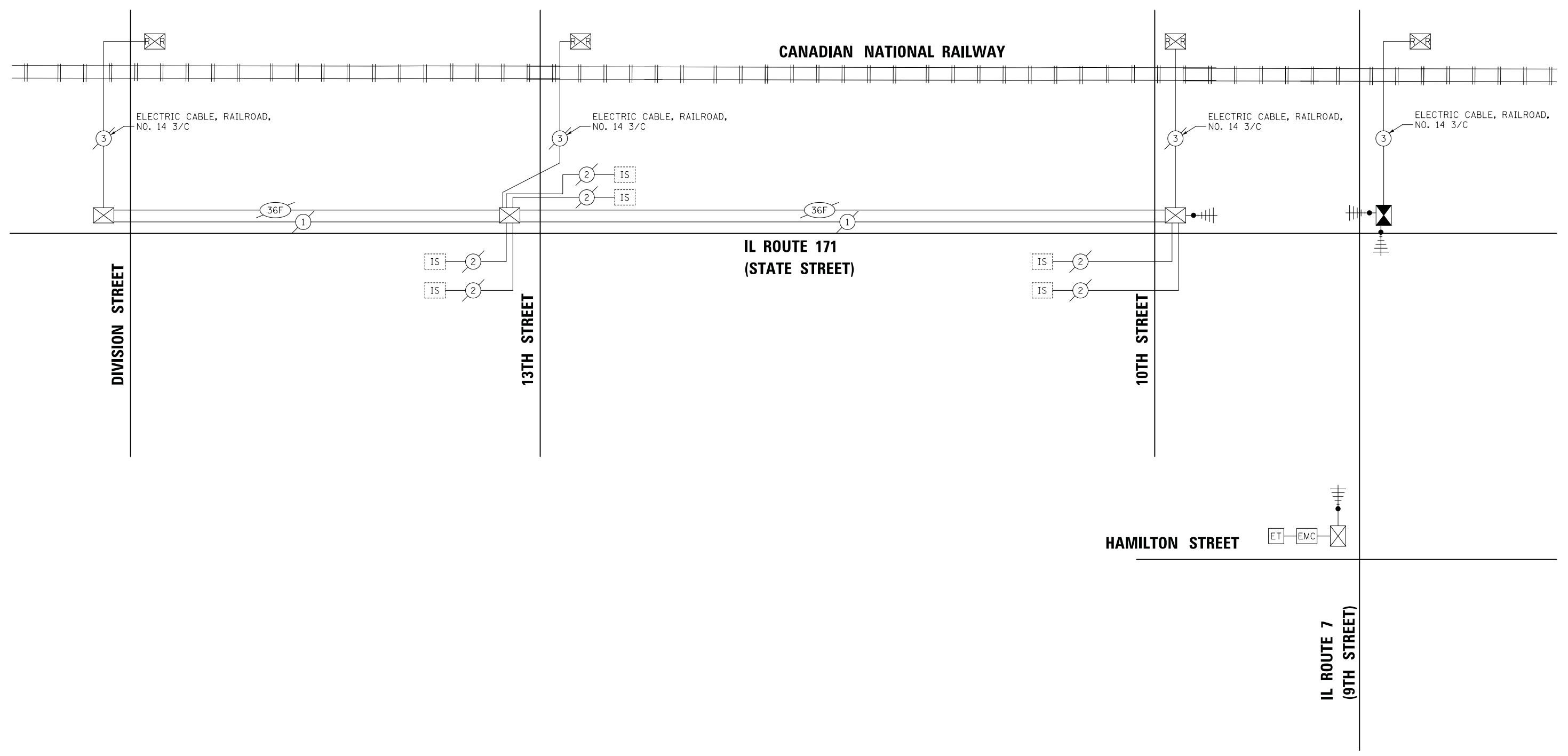
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TEMPORARY INTERCONNECT PLAN
IL ROUTE 171 (STATE STREET) AT IL ROUTE 7 (9TH STREET)

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
577	D-EXT-N	WILL	140	88
CONTRACT NO. 62C09				

SCALE: 1" = 50' SHEET NO. 1 OF 1 SHEETS STA. TO STA.

ILLINOIS FED. AID PROJECT



HAMILTON STREET

IL ROUTE 7
(9TH STREET)

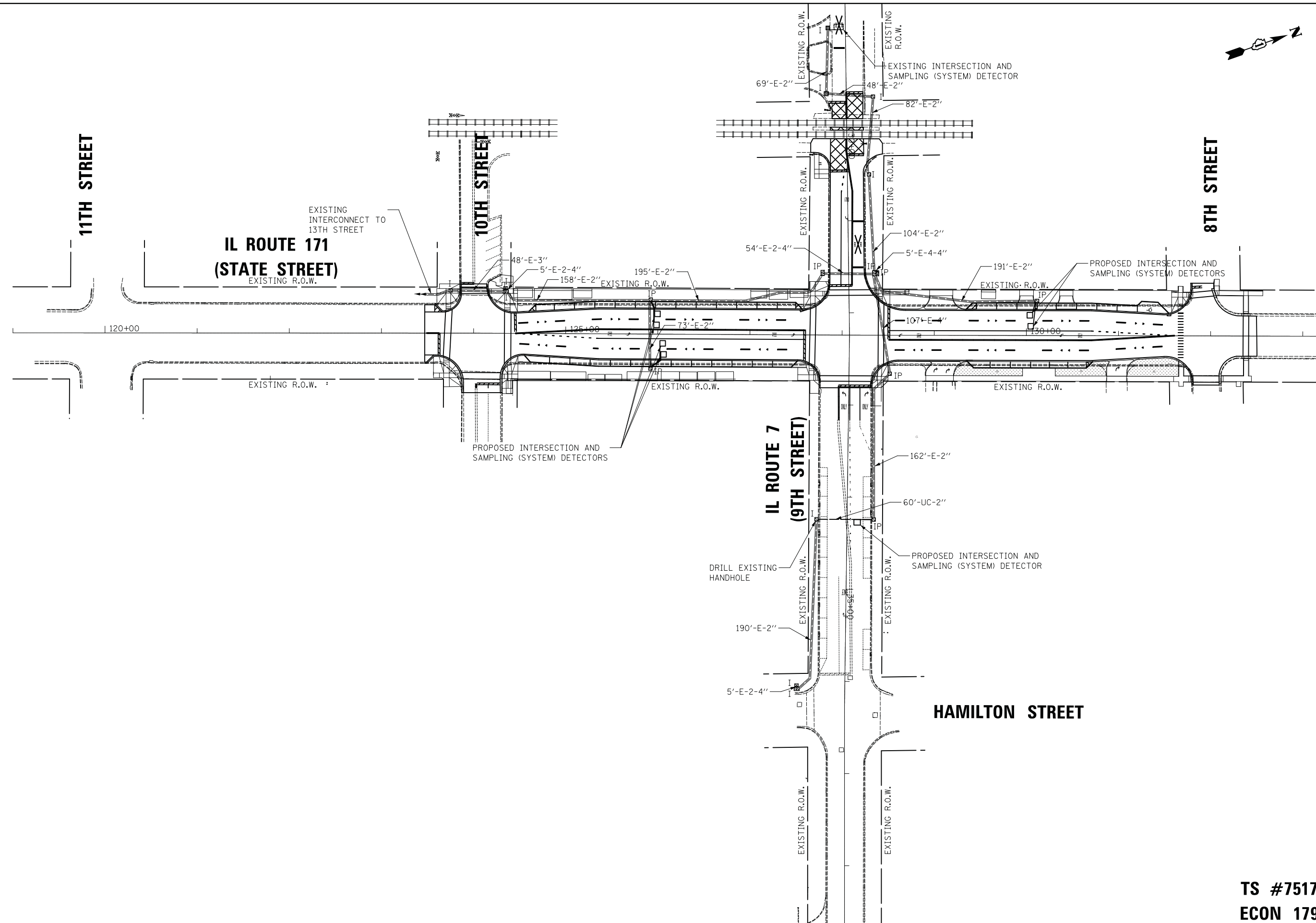
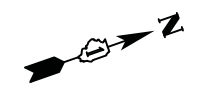
TS #XXXX
ECON 179

	USER NAME = LEP	DESIGNED - LEP	REVISED -
		DRAWN - OJT	REVISED -
	PLOT SCALE = 20.0000' / in.	CHECKED - JJE	REVISED -
	PLOT DATE = 3/16/2017	DATE - 03/20/2017	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TEMPORARY INTERCONNECT SCHEMATIC IL ROUTE 171 (STATE STREET) AT IL ROUTE 7 (9TH STREET)			
SCALE: NO SCALE	SHEET NO. 1 OF 1 SHEETS	STA.	TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
577	D-EXT-N	WILL	140	89
CONTRACT NO. 62C09				
ILLINOIS FED. AID PROJECT				



USER NAME = jje	DESIGNED - LEP	REVISED -
	DRAWN - OJT	REVISED -
PLOT SCALE = 50.0000' / 1"	CHECKED - JJE	REVISED -
PLOT DATE = 3/16/2017	DATE - 03/20/2017	REVISED -

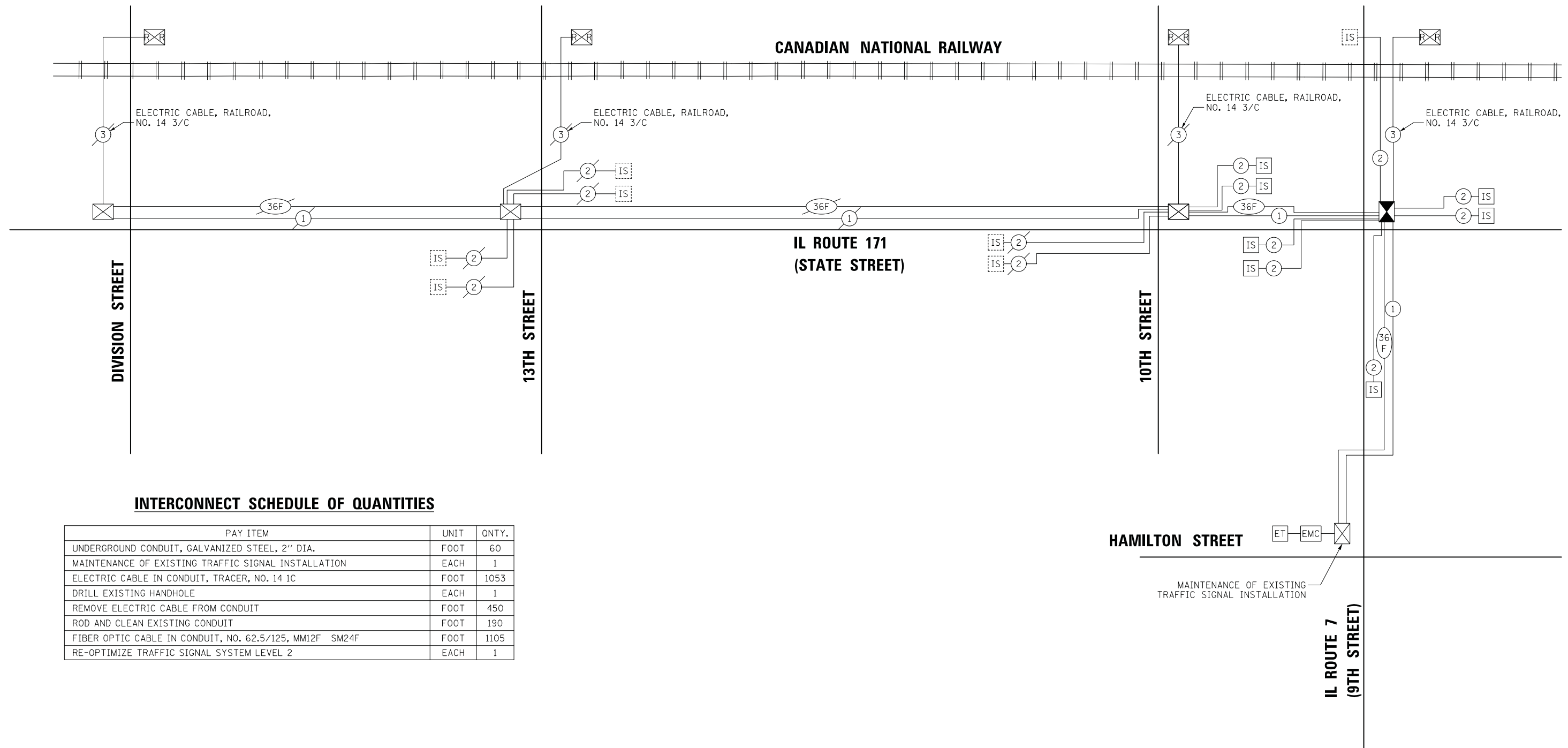
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**INTERCONNECT PLAN
IL ROUTE 171 (STATE STREET) AT IL ROUTE 7 (9TH STREET)**

SCALE: 1" = 50' SHEET NO. 1 OF 2 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
577	D-EXT-N	WILL	140	90
CONTRACT NO. 62C09				
ILLINOIS FED. AID PROJECT				

**TS #7517
ECON 179**



INTERCONNECT SCHEDULE OF QUANTITIES

PAY ITEM	UNIT	QNTY.
UNDERGROUND CONDUIT, GALVANIZED STEEL, 2" DIA.	FOOT	60
MAINTENANCE OF EXISTING TRAFFIC SIGNAL INSTALLATION	EACH	1
ELECTRIC CABLE IN CONDUIT, TRACER, NO. 14 1C	FOOT	1053
DRILL EXISTING HANDHOLE	EACH	1
REMOVE ELECTRIC CABLE FROM CONDUIT	FOOT	450
ROD AND CLEAN EXISTING CONDUIT	FOOT	190
FIBER OPTIC CABLE IN CONDUIT, NO. 62.5/125, MM12F SM24F	FOOT	1105
RE-OPTIMIZE TRAFFIC SIGNAL SYSTEM LEVEL 2	EACH	1





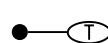
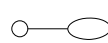

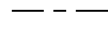
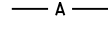




HAMILTON STREET

MAINTENANCE OF EXISTING TRAFFIC SIGNAL INSTALLATION

**IL ROUTE 7
(9TH STREET)**

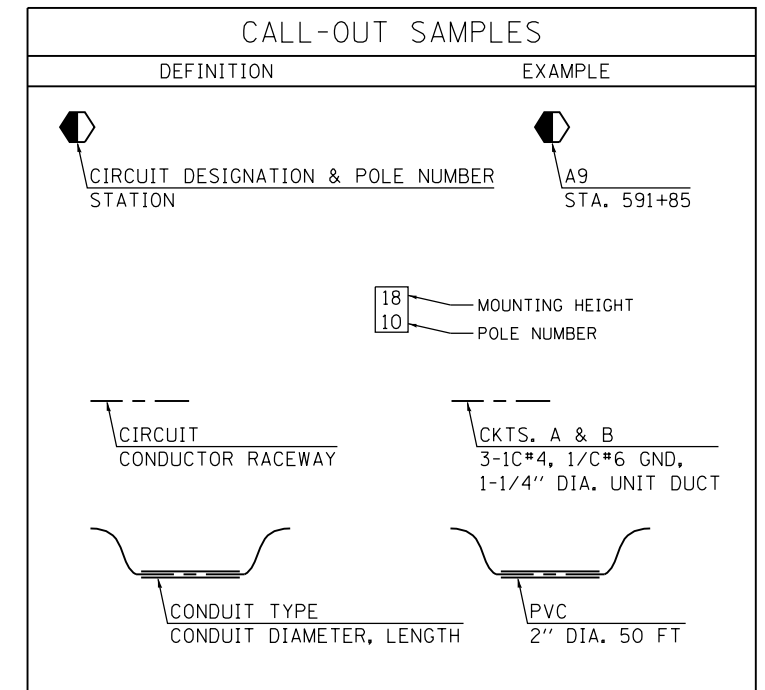
**TS #7517
ECON 179**

LIGHTING LEGEND

-  PROPOSED ORNAMENTAL LIGHTING UNIT WITH 24" DIA. x 5'-0" DEEP CONCRETE FOUNDATION
-  EXISTING ORNAMENTAL LIGHTING UNIT TO REMAIN IN PLACE
-  EXISTING ORNAMENTAL LIGHTING UNIT TO BE REMOVED AND STORED BY THE CITY OF LOCKPORT
-  RELOCATED ORNAMENTAL LIGHTING UNIT ONTO PROPOSED 24" DIA. x 5'-0" DEEP CONCRETE FOUNDATION
-  PROPOSED TEMPORARY LIGHTING UNIT ON 3'x3'x3' CONCRETE BLOCK WITH 2' M.A. & 250W HPS, TYP III LUMINAIRE
-  STANDARD EXISTING LIGHTING UNIT TO REMAIN IN PLACE
-  TEMPORARY WOOD POLE, 45 FEET, CLASS 5
-  PROPOSED UNIT DUCT, 600V, 3-1/C NO.4, 1/C NO.6 GROUND, (XLP-TYPE USE), 1-1/4" DIA. POLYETHYLENE (FOR CIRCUITS: A & B, C & D, OR E & F)
-  TEMPORARY AERIAL CABLE, 3-1/C NO.4, 1/C NO.6 GROUND
-  UNDERGROUND CONDUIT, GALVANIZED STEEL, 2-1/2" DIA.
-  EXISTING UNIT DUCT TO REMAIN IN PLACE
-  EXISTING STREET LIGHTING CONTROLLER TO REMAIN IN PLACE
-  EXISTING HANDHOLE TO REMAIN IN PLACE

GENERAL NOTES

1. PROPOSED LIGHT POLE FOUNDATIONS TO BE INSTALLED 3FT FROM FACE OF CURB TO CENTER OF POLE.
2. CONTRACTOR SHALL BE RESPONSIBLE FOR COORDINATIONS ELECTRICAL WORK WITH OTHER TRADES.
3. THE PROPOSED LIGHT POLES SHALL BE LOCATED AS NOTED ON THE PLANS, OR AS DIRECTED BY THE ENGINEER. LIGHT POLE FOUNDATIONS SHALL BE INSTALLED PLUMB AND FLUSH WITH THE PROPOSED GRADE AND SHALL MEET THE HEIGHT REQUIREMENTS OF ARTICLE 836.03 OF THE STANDARD SPECIFICATIONS. WASHERS USED TO INSTALL THE POLE SHALL BE LARGE ENOUGH TO FULLY COVER THE SLOTTED HOLES IN THE POLE BASE PLATE.
4. THE REMOVAL, STORAGE, AND REINSTALLATION OF ALL EXISTING ORNAMENTAL LIGHTING UNITS SHALL BE COMPLETED BY THE CITY OF LOCKPORT. THE REMOVAL OF EXISTING POLE FOUNDATIONS SHALL BE COMPLETED BY THE CONTRACTOR. THE CITY OF LOCKPORT WILL PROVIDE AND INSTALL A NEW FUSE KIT FOR EACH LIGHT POLE BEING REINSTALLED.
5. THE CONTRACTOR IS RESPONSIBLE FOR UNCOVERING OR HAND DIGGING AROUND UTILITIES AS NECESSARY. THE COST OF THIS WORK IS TO BE INCLUDED WITH THE UNDERGROUND CONDUIT AND UNIT DUCT PAY ITEMS.
6. RESTORATION OF THE ROADWAY LIGHTING WORK AREA SHALL BE INCIDENTAL TO THE RELATED PAY ITEM SUCH AS FOUNDATION, CONDUIT, HANDHOLE, TRENCH AND BACKFILL, ETC., AND NO EXTRA COMPENSATION SHALL BE ALLOWED. ALL ROADWAY SURFACES SUCH AS SIDEWALKS, PAVEMENT, ETC. SHALL BE REPLACED IN KIND. ALL DAMAGE TO MOWED LAWNS SHALL BE REPLACED WITH AN APPROVED SOD, AND ALL DAMAGE TO UNMOWED FIELDS SHALL BE SEEDED IN ACCORDANCE WITH STANDARD SPECIFICATIONS 252 AND 250 RESPECTIVELY.
7. THE INTENT OF THE TEMPORARY LIGHTING INSTALLATIONS IS TO PROVIDE ADEQUATE ROADWAY LIGHTING AT ALL TIMES (DUSK TO DAWN) THROUGHOUT CONSTRUCTION WORK. EXISTING LIGHT LEVEL MUST BE MAINTAINED THROUGHOUT THE PROJECT.
8. THE PROPOSED TEMPORARY LIGHTING SHALL REMAIN IN PLACE UNTIL THE PERMANENT LIGHTING SYSTEM IS FULLY OPERATIONAL.
9. TEMPORARY LIGHTING CONCRETE BLOCK TO BE INSTALLED A MINIMUM DISTANCE OF 3FT FROM FACE OF CURB TO CENTER OF CONCRETE BLOCK.
10. CONTRACTOR SHALL INSTALL CONDUIT 18" FROM FACE OF CURB TO AVOID CONFLICT WITH PROPOSED PLANTERS.



BILL OF MATERIALS

SP	CODE NO.	ITEM	UNIT	QUANTITY
	81028210	UNDERGROUND CONDUIT, GALVANIZED STEEL, 2 1/2" DIA.	FOOT	125
	81603090	UNIT DUCT, 600V, 3-1C NO.4, 1/C NO.6 GROUND, (XLP-TYPE USE), 1 1/4" DIA. POLYETHYLENE	FOOT	2,470
	81603032	UNIT DUCT, 600V, 2-1C NO.4, 1/C NO.6 GROUND, (XLP-TYPE USE), 1 1/4" DIA. POLYETHYLENE	FOOT	38
	81702130	ELECTRIC CABLE IN CONDUIT, 600V (XLP-TYPE USE) 1/C NO. 6	FOOT	260
	81702410	ELECTRIC CABLE IN CONDUIT, 600V (XLP-TYPE USE) 3-1/C NO. 4	FOOT	260
	83600200	LIGHT POLE FOUNDATION, 24" DIAMETER	FOOT	105
	84200804	REMOVAL OF POLE FOUNDATION	EACH	14
	87900200	DRILL EXISTING HANDHOLE	EACH	2
	89502300	REMOVE ELECTRIC CABLE FROM CONDUIT	FOOT	14,160
*	X8300001	LIGHT POLE, SPECIAL	EACH	1
*	X8410102	TEMPORARY LIGHTING SYSTEM	LSUM	1
*	Z0033032	MAINTENANCE OF LIGHTING SYSTEM	CAL MO	1

HIGHWAY STANDARDS

- 836001-02 LIGHT POLE FOUNDATION
- 821101-02 LUMINAIRE WIRING IN POLE

ABBREVIATIONS

ABBREVIATION	DESCRIPTION
AC	ALTERNATING CURRENT
A/C	AERIAL CABLE
AFG	ABOVE FINISHED GRADE
CB	CIRCUIT BREAKER
CKT	CIRCUIT
CM	CENTIMETER
CNC	COILABLE NONMETALLIC CONDUIT
CT	CURRENT TRANSFORMER
CP	CONTROL PANEL
D.A.	DAVIT ARM
DIA.	DIAMETER
E	EXISTING UNIT TO REMAIN
ECA	ELECTRIC CABLE ASSEMBLY
FT	FEET OR FOOT
FND MET	FOUNDATION METAL
FU	FUSE
GND	GROUND
HID	HIGH INTENSITY DISCHARGE
HPS	HIGH PRESSURE SODIUM
JB	JUNCTION BOX
KVA	KILOVOLT-AMPERE
KW	KILOWATTS
LP	LIGHT POLE
M	METER
M.A.	MAST ARM
M.H.	MOUNTING HEIGHT
NO. #	NUMBER
RGSC	RIGID GALVANIZED STEEL CONDUIT
STA	STATION
T	TEMPORARY LIGHTING UNIT
TB	TRANSFORMER BASE
TMP	TEMPORARY
UC	UNDERGROUND CONDUIT
UD	UNIT DUCT
WP	WOOD POLE
XFMR	TRANSFORMER

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PLOT SCALE = 60.0000' / in.	CHECKED - MKR	REVISED -
PLOT DATE = 6/27/2017	DATE - 03/22/2017	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

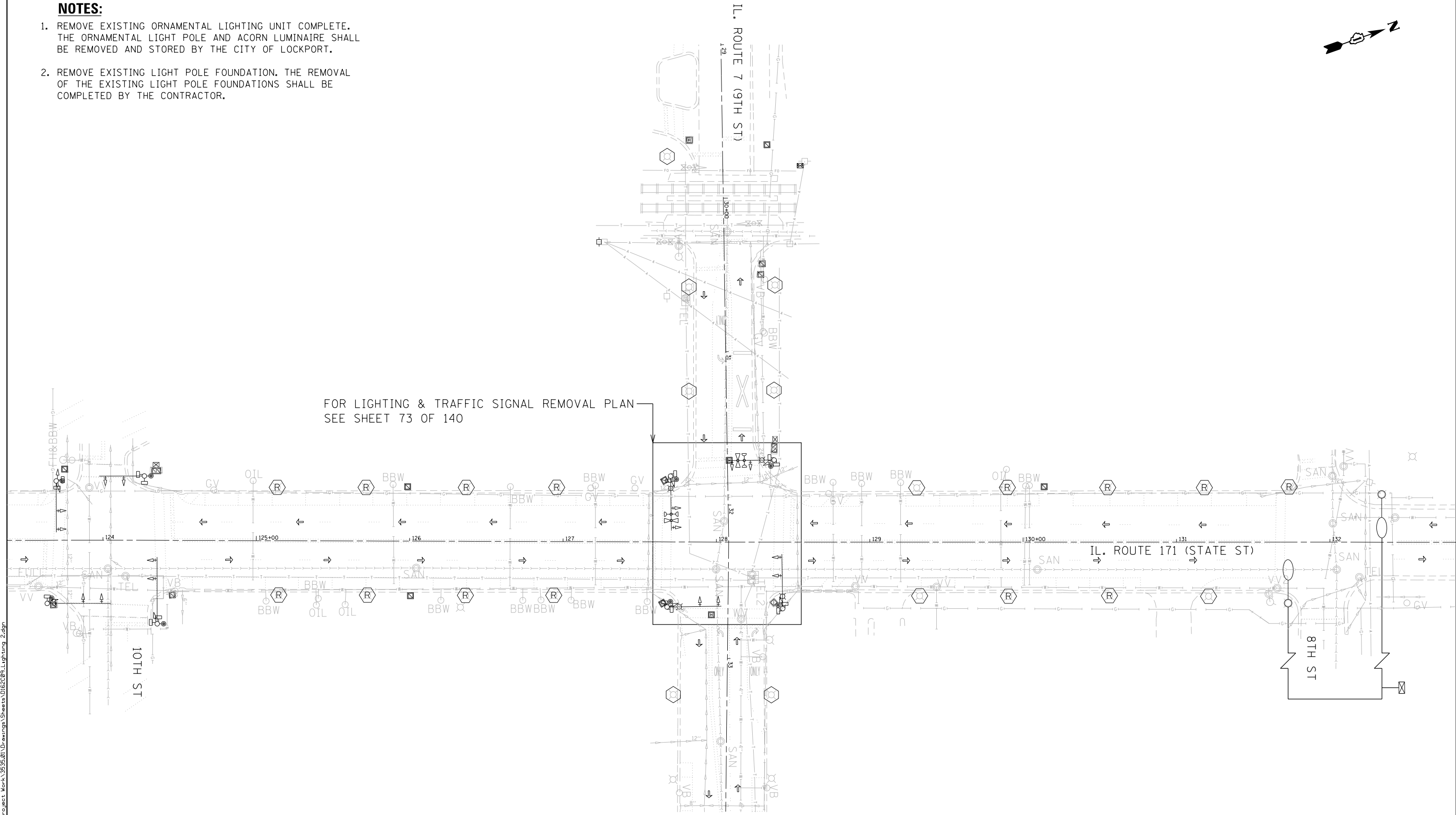
**IL. ROUTE 171 AT IL. ROUTE 7
GENERAL NOTES, LEGEND, AND INDEX OF SHEETS**

SCALE: N/A SHEET 1 OF 7 SHEETS STA. N/A TO STA. N/A

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
577	D-EXT-N	WILL	140	92
CONTRACT NO. 62C09			ILLINOIS FED. AID PROJECT	

NOTES:

1. REMOVE EXISTING ORNAMENTAL LIGHTING UNIT COMPLETE. THE ORNAMENTAL LIGHT POLE AND ACORN LUMINAIRE SHALL BE REMOVED AND STORED BY THE CITY OF LOCKPORT.
2. REMOVE EXISTING LIGHT POLE FOUNDATION. THE REMOVAL OF THE EXISTING LIGHT POLE FOUNDATIONS SHALL BE COMPLETED BY THE CONTRACTOR.



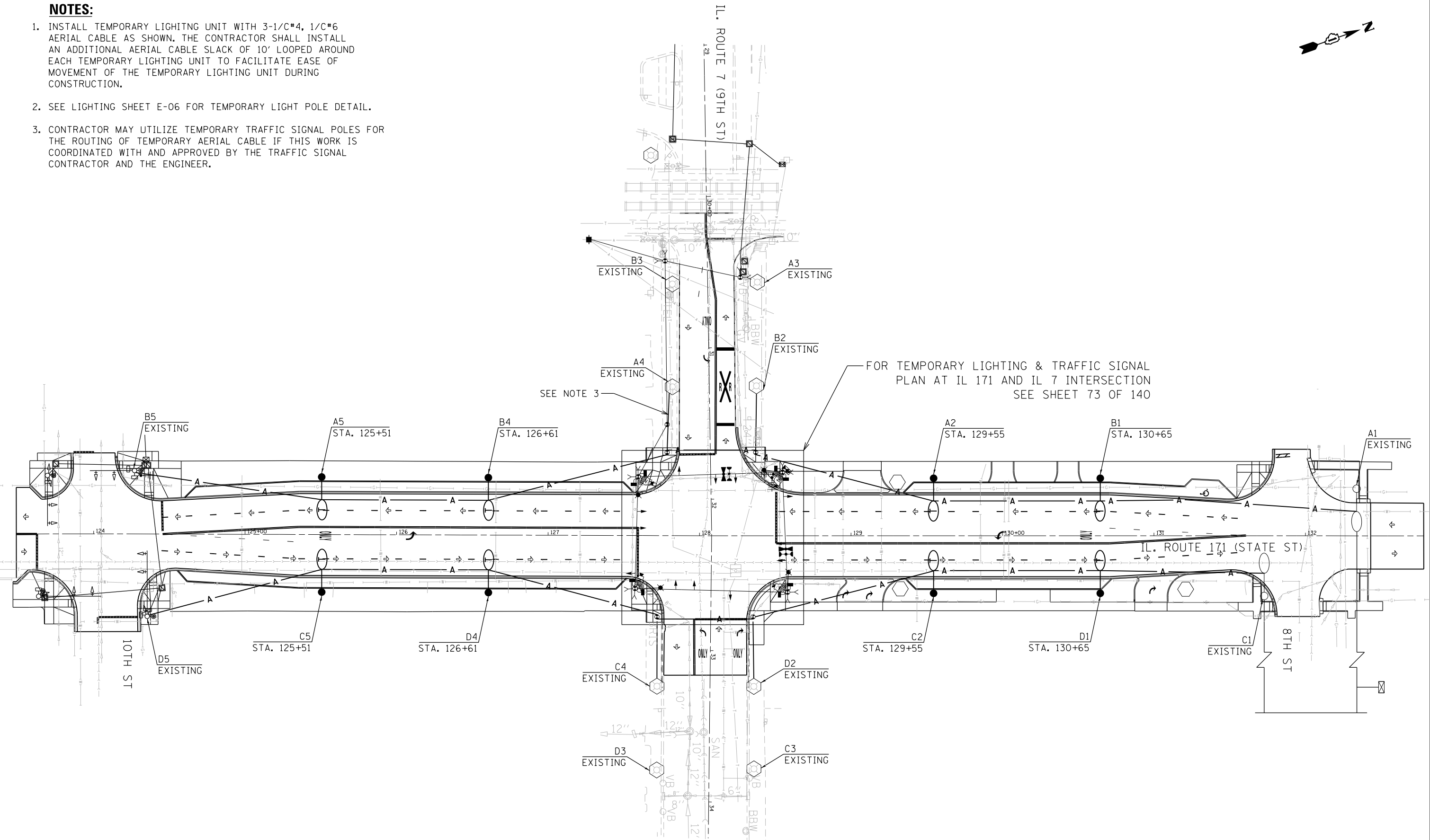
FOR LIGHTING & TRAFFIC SIGNAL REMOVAL PLAN
SEE SHEET 73 OF 140

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<p>EJM ENGINEERING, INC. 411 South Wells Street Suite 1000 Chicago, Illinois 60607</p>	USER NAME = MTodden DESIGNED - MRT DRAWN - MRT CHECKED - MKR DATE - 03/22/2017	REVISED - REVISED - REVISED - REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	IL. ROUTE 171 AT IL. ROUTE 7 LIGHTING REMOVAL PLAN			F.A.P. RTE. 577 SECTION D-EXT-N COUNTY WILL TOTAL SHEETS 140 SHEET NO. 93 CONTRACT NO. 62C09
	PLOT SCALE = 60.0000' / in. PLOT DATE = 6/27/2017			SCALE: 1"=30' SHEET 2 OF 7 SHEETS STA. 23+37 TO STA. 32+82	ILLINOIS FED. AID PROJECT		

NOTES:

1. INSTALL TEMPORARY LIGHTING UNIT WITH 3-1/C#4, 1/C#6 AERIAL CABLE AS SHOWN. THE CONTRACTOR SHALL INSTALL AN ADDITIONAL AERIAL CABLE SLACK OF 10' LOOPED AROUND EACH TEMPORARY LIGHTING UNIT TO FACILITATE EASE OF MOVEMENT OF THE TEMPORARY LIGHTING UNIT DURING CONSTRUCTION.
2. SEE LIGHTING SHEET E-06 FOR TEMPORARY LIGHT POLE DETAIL.
3. CONTRACTOR MAY UTILIZE TEMPORARY TRAFFIC SIGNAL POLES FOR THE ROUTING OF TEMPORARY AERIAL CABLE IF THIS WORK IS COORDINATED WITH AND APPROVED BY THE TRAFFIC SIGNAL CONTRACTOR AND THE ENGINEER.



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E-03

<p>EJM ENGINEERING, INC. 411 South Wells Street Suite 1000 Chicago, Illinois 60607</p>	USER NAME = MTodden	DESIGNED - MRT	REVISED -
	PLOT SCALE = 60.0000' / in.	DRAWN - MRT	REVISED -
	PLOT DATE = 6/27/2017	CHECKED - MKR	REVISED -
		DATE - 03/22/2017	REVISED -

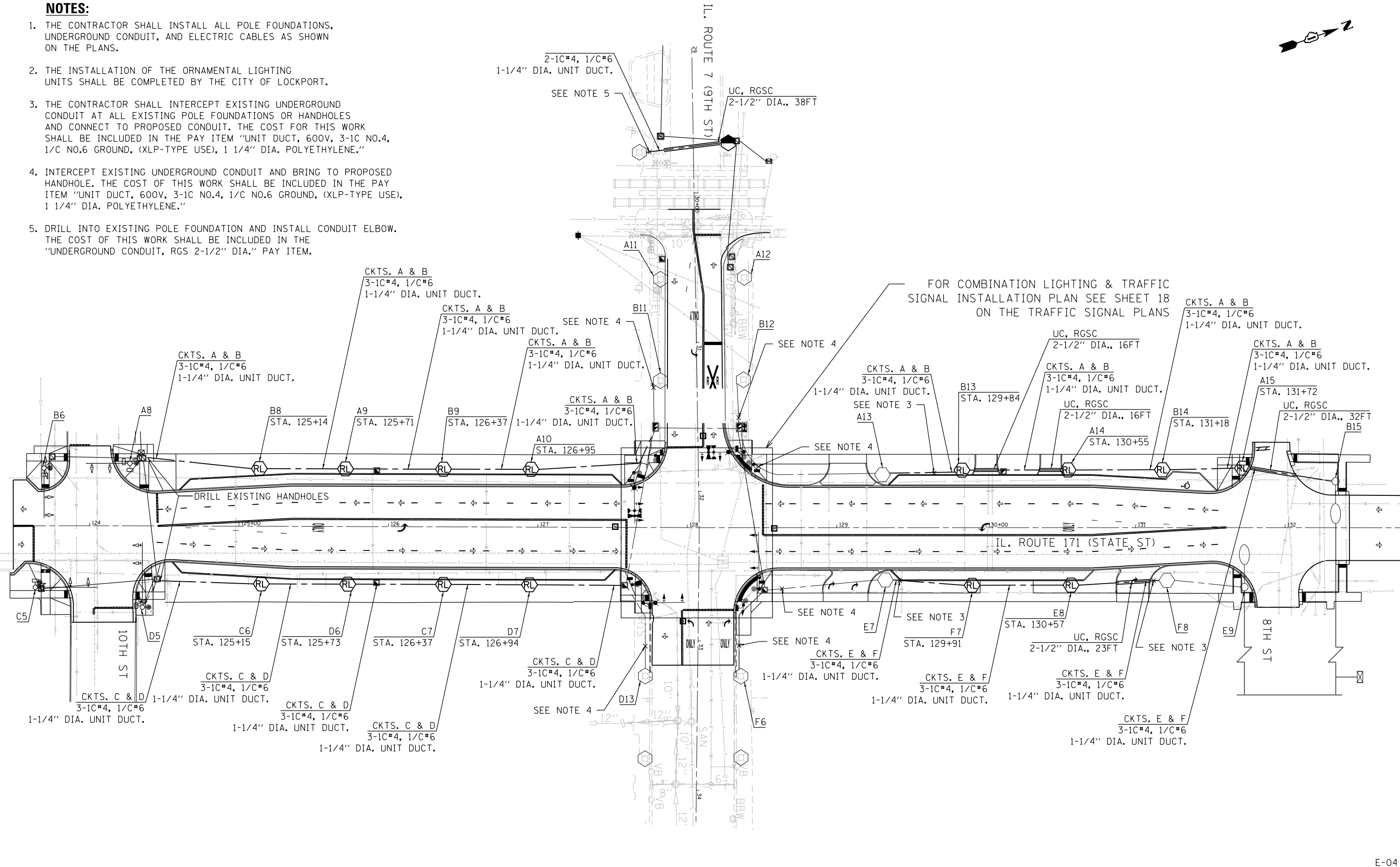
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

IL. ROUTE 171 AT IL. ROUTE 7 TEMPORARY LIGHTING PLAN			
SCALE: 1"=30'	SHEET 3 OF 7 SHEETS	STA. 23+37	TO STA. 32+82

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
577	D-EXT-N	WILL	140	94
CONTRACT NO. 62C09			ILLINOIS FED. AID PROJECT	

NOTES:

1. THE CONTRACTOR SHALL INSTALL ALL POLE FOUNDATIONS, UNDERGROUND CONDUIT, AND ELECTRIC CABLES AS SHOWN ON THE PLANS.
2. THE INSTALLATION OF THE ORNAMENTAL LIGHTING UNITS SHALL BE COMPLETED BY THE CITY OF LOCKPORT.
3. THE CONTRACTOR SHALL INTERCEPT EXISTING UNDERGROUND CONDUIT AT ALL EXISTING POLE FOUNDATIONS OR HANDHOLES AND CONNECT TO PROPOSED CONDUIT. THE COST FOR THIS WORK SHALL BE INCLUDED IN THE PAY ITEM "UNIT DUCT, 600V, 3-1C NO.4, 1/C NO.6 GROUND, (XLP-TYPE USE), 1 1/4" DIA. POLYETHYLENE."
4. INTERCEPT EXISTING UNDERGROUND CONDUIT AND BRING TO PROPOSED HANDHOLE. THE COST OF THIS WORK SHALL BE INCLUDED IN THE PAY ITEM "UNIT DUCT, 600V, 3-1C NO.4, 1/C NO.6 GROUND, (XLP-TYPE USE), 1 1/4" DIA. POLYETHYLENE."
5. DRILL INTO EXISTING POLE FOUNDATION AND INSTALL CONDUIT ELBOW. THE COST OF THIS WORK SHALL BE INCLUDED IN THE "UNDERGROUND CONDUIT, RGS 2-1/2" DIA." PAY ITEM.



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E-04

<p>EJM ENGINEERING, INC. 411 South Wells Street Suite 1000 Chicago, Illinois 60607</p>	USER NAME = MTodden	DESIGNED - MRT	REVISED -
	PLOT SCALE = 60.0000' / in.	DRAWN - MRT	REVISED -
	PLOT DATE = 3/17/2017	CHECKED - MKR	REVISED -
		DATE - 3/20/2017	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**IL. ROUTE 171 AT IL. ROUTE 7
PROPOSED LIGHTING PLAN**

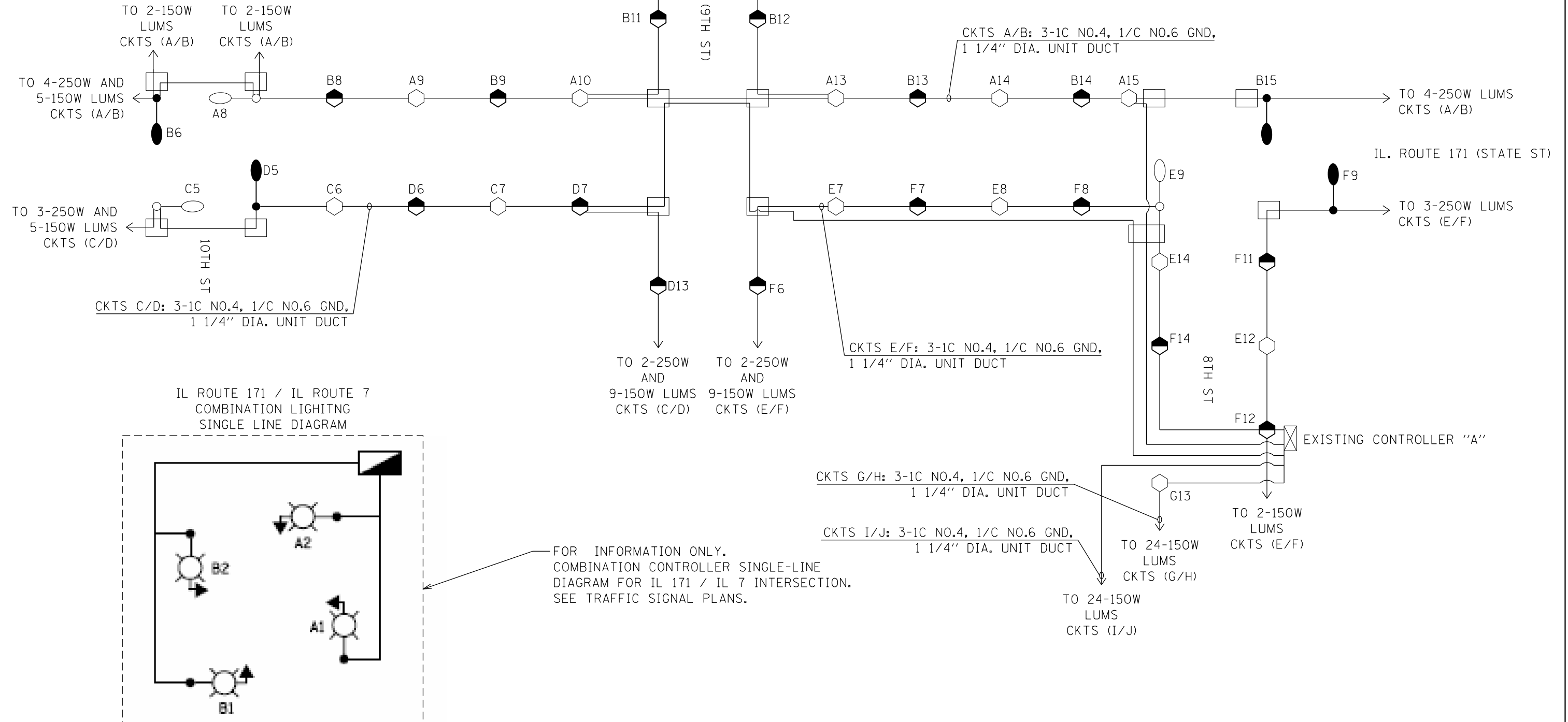
SCALE: 1"=30' SHEET 4 OF 9 SHEETS STA. 23+37 TO STA. 32+82

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
577	D-EXT-N	WILL	140	95
CONTRACT NO. 62C09				
ILLINOIS FED. AID PROJECT				



LOAD TABLE LIGHTING CONTROLLER "A" (@ 240 VOLT)					
CIRCUIT	RED PHASE		CIRCUIT	BLACK PHASE	
	AMPS	WATTS		AMPS	WATTS
A	15.9	3818	B	16.92	4060
C	11.75	2820	D	12.27	2941
E	11.75	2820	F	12.27	2941
G	10.27	2457	H	9.48	2268
I	11.85	2835	J	11.06	2646
TOTAL	65.46	15680	TOTAL	63.3	15166

* ASSUMED 189W PEDESTRIAN AND 310W ROADWAY LUMINAIRE.



FOR INFORMATION ONLY.
COMBINATION CONTROLLER SINGLE-LINE
DIAGRAM FOR IL 171 / IL 7 INTERSECTION.
SEE TRAFFIC SIGNAL PLANS.

LEGEND:

- EXISTING 150W POST TOP LIGHTING UNIT (RED PHASE)
- EXISTING 150W POST TOP LIGHTING UNIT (BLACK PHASE)
- EXISTING 250W COBRA HEAD LIGHTING UNIT (RED PHASE)
- EXISTING 250W COBRA HEAD LIGHTING UNIT (BLACK PHASE)
- EXISTING LIGHTING CONTROLLER, 240/480V, SINGLE PHASE, 3 WIRE
- EXISTING HANDHOLE

S:\Projects\3835 - IDOT Various - AESA\Project Work\3835\Drawings\Sheets\062C09_Lighting_5.dgn



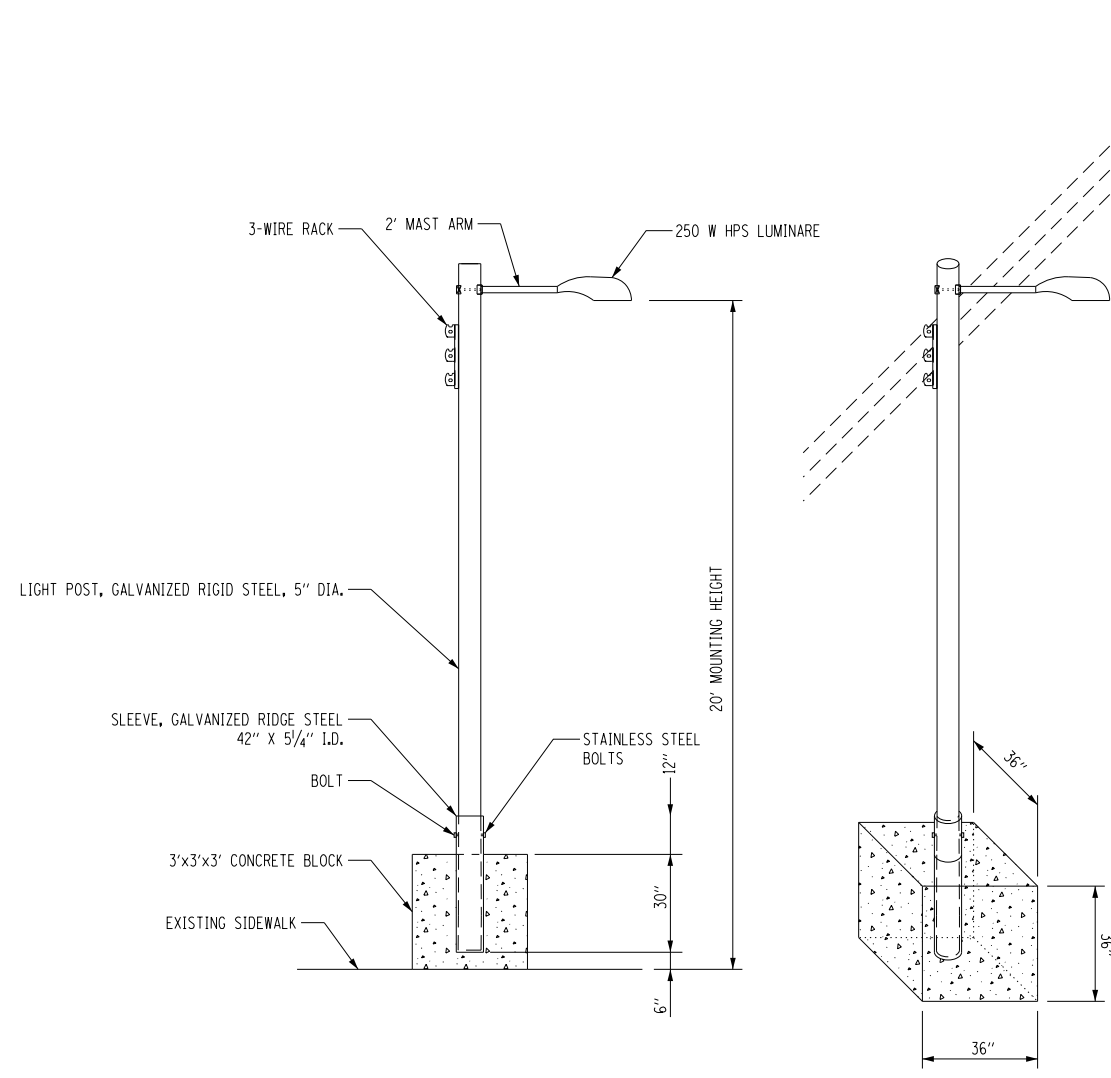
USER NAME = M.Todden	DESIGNED - MRT	REVISED -
PLOT SCALE = 60.0000' / in.	DRAWN - MRT	REVISED -
PLOT DATE = 3/17/2017	CHECKED - MKR	REVISED -
	DATE - 3/20/2017	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

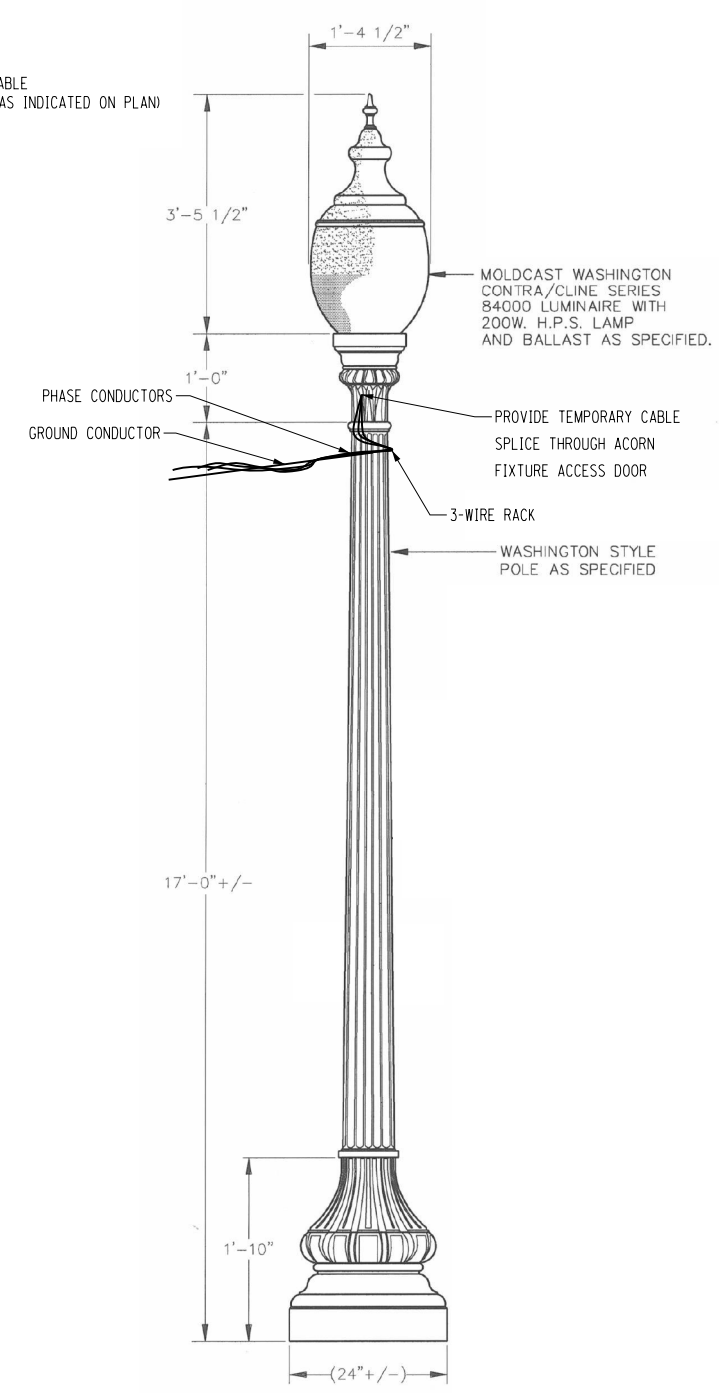
IL. ROUTE 171 AT IL. ROUTE 7 SINGLE LINE DIAGRAM		
SCALE: 1"=30'	SHEET 5 OF 9 SHEETS	STA. 23+37 TO STA. 32+82

F.A.P. RTE. 577	SECTION D-EXT-N	COUNTY WILL	TOTAL SHEETS 140	SHEET NO. 96
CONTRACT NO. 62C09				
ILLINOIS FED. AID PROJECT				

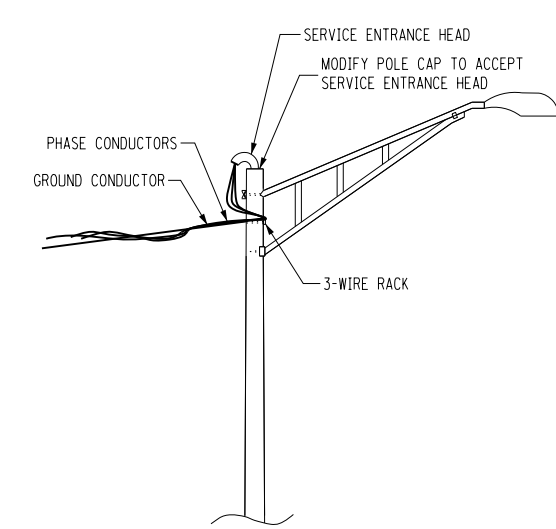
S:\Projects\3835 - IDOT Various - AESA\Project Work\3835\Drawings\Sheets\062C09_Lighting.dgn



TEMPORARY LIGHT POLE DETAIL



TEMPORARY POWER FEED TO/FROM EXISTING ORNAMENTAL SINGLE LIGHT STANDARD
NOT TO SCALE

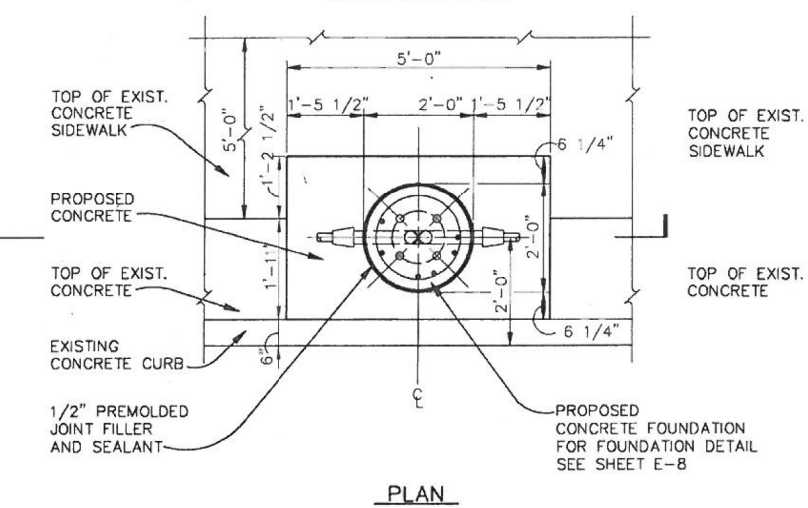
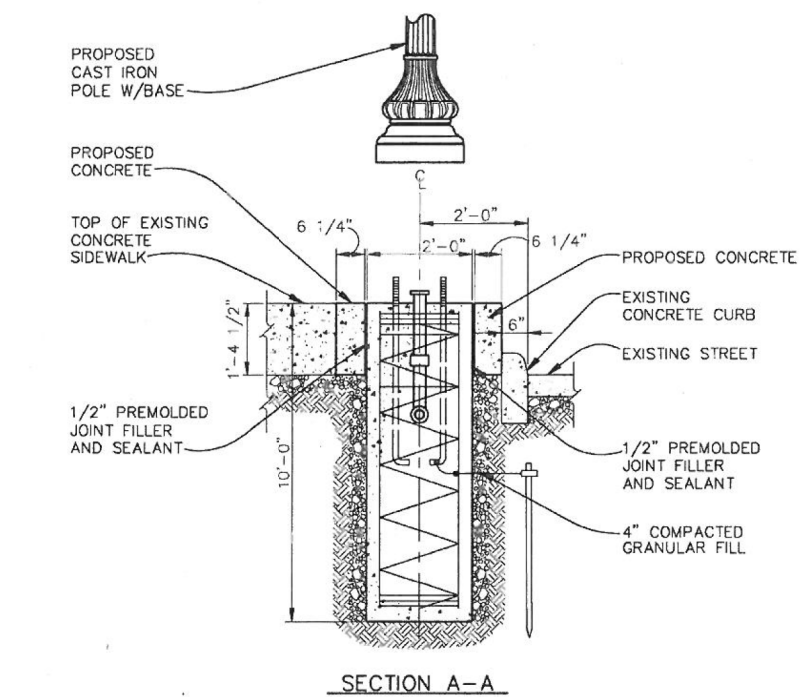
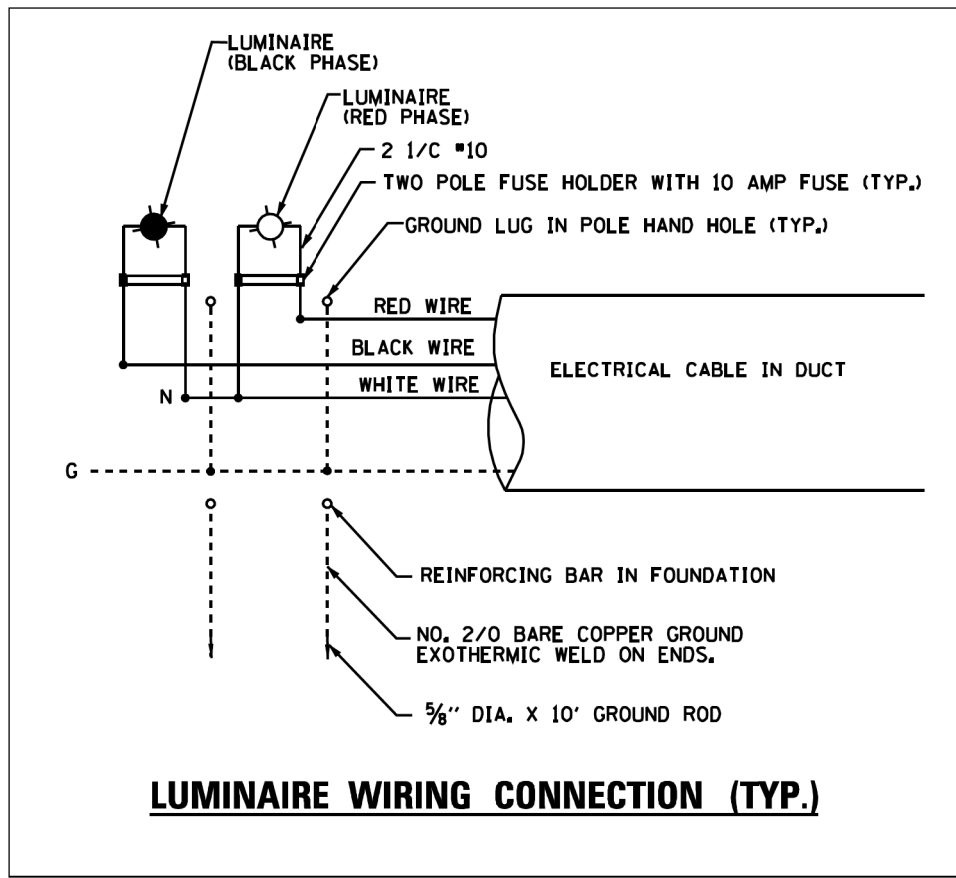
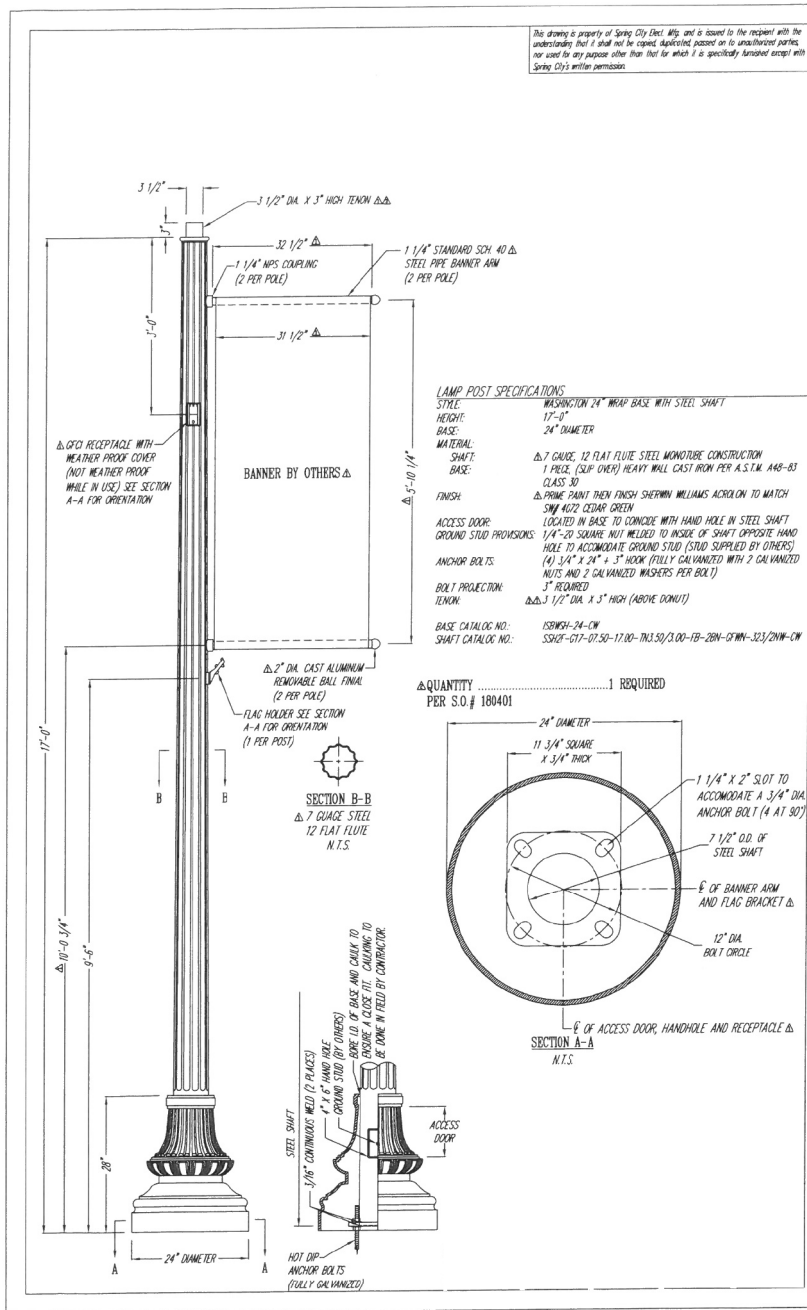
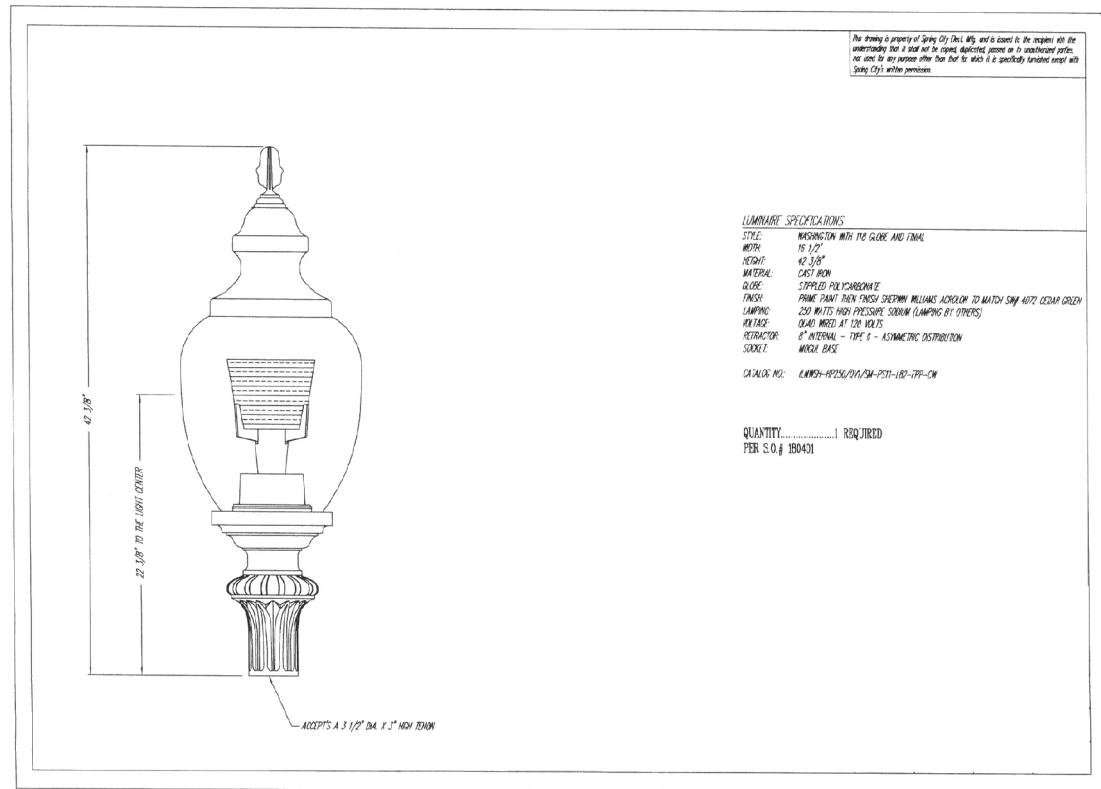


TEMPORARY POWER FEED TO/FROM EXISTING ALUMINUM POLE
NOT TO SCALE

- NOTES:**
- COST OF SERVICE ENTRANCE HEAD, MODIFICATION OF POLE CAP AND CONNECTION ARE INCIDENTAL TO THE AERIAL CABLE CONNECTING TO THE POLE.
 - WHEREVER THE TEMPORARY AERIAL CABLE IS REQUIRED TO CROSS AN EXISTING AND/OR PROPOSED ROADWAY, THE CONTRACTOR SHALL MAINTAIN A MINIMUM OF 20 FEET OF VERTICAL CLEARANCE OVER THE ROADWAY AT ALL TIMES.

DETAIL 1 – TEMPORARY LIGHT POLE DETAIL

<p>EJM ENGINEERING, INC. 411 South Wells Street Suite 1000 Chicago, Illinois 60607</p>	USER NAME = MTodden PLOT SCALE = 60.0000' / in. PLOT DATE = 3/17/2017	DESIGNED - MRT DRAWN - MRT CHECKED - MKR DATE - 3/20/2017	REVISED - REVISED - REVISED - REVISED -	<p>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</p>	<p>IL. ROUTE 171 AT IL. ROUTE 7 TEMPORARY LIGHTING DETAILS</p>	F.A.P. RTE. 577 SECTION D-EXT-N COUNTY WILL TOTAL SHEETS 140 SHEET NO. 97	<p>CONTRACT NO. 62C09</p>
	SCALE: N/A SHEET 6 OF 9 SHEETS STA. N/A TO STA. N/A	ILLINOIS FED. AID PROJECT					



DETAIL 1 - ORNAMENTAL LIGHT POLE DETAIL

S:\Projects\3635 - IDOT Various - AESA\Project Work\3635\01\Drawings\Sheets\01E2C09 Lighting 7.dgn

USER NAME = M.T. Odden	DESIGNED - MRT	REVISED -
DRAWN - MRT	REVISED -	
PLLOT SCALE = 60.0000' / in.	CHECKED - MKR	REVISED -
DATE = 3/17/2017	DATE - 3/20/2017	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

IL. ROUTE 171 AT IL. ROUTE 7 PROPOSED LIGHTING DETAILS			
F.A.P. R.T.E.	SECTION	COUNTY	TOTAL SHEETS
577	D-EXT-N	WILL	140
CONTRACT NO. 62C09			
SCALE: N/A		SHEET 7 OF 9 SHEETS	STA. N/A TO STA. N/A

ILLINOIS FED. AID PROJECT	E-07
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BENCH MARK SD116:

PK nail on East wall of building at 903 S State St, located at northwest corner of S. State St. & 9th St, above 2nd step of stair at 601.21 ft. NAVD88.

DESIGN SPECIFICATIONS

2012 AASHTO LRFD Bridge Design Specifications, 6th Edition

DESIGN STRESSES

Field Units: $f'_c = 3,500$ psi (Cast-in-place)
 $f_y = 60,000$ psi (Reinforcement)
 Max. soil pressure under footings = 3,375 psf

CONSTRUCTION SPECIFICATIONS:

Standard Specifications for Road and Bridge Construction, 2016

STAGING:

Two traffic stages (See MOT plans)

SALVAGE:

No Salvage

HIGHWAY CLASSIFICATION

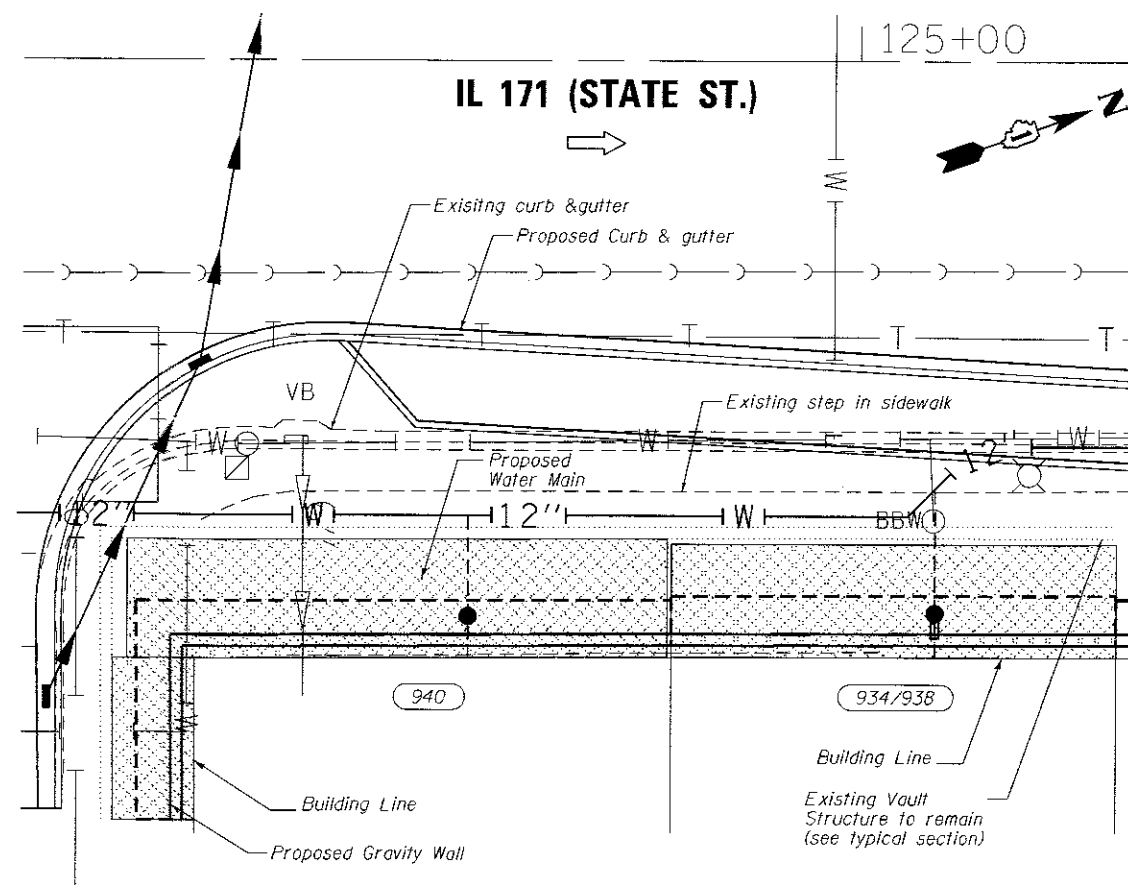
F.A.P. Rte. 577
 Functional Class: Arterial, Class II Truck Route
 ADT: 13,300 (2015)
 Design Speed: 25 MPH
 Posted Speed: 25 MPH

SETTLEMENT

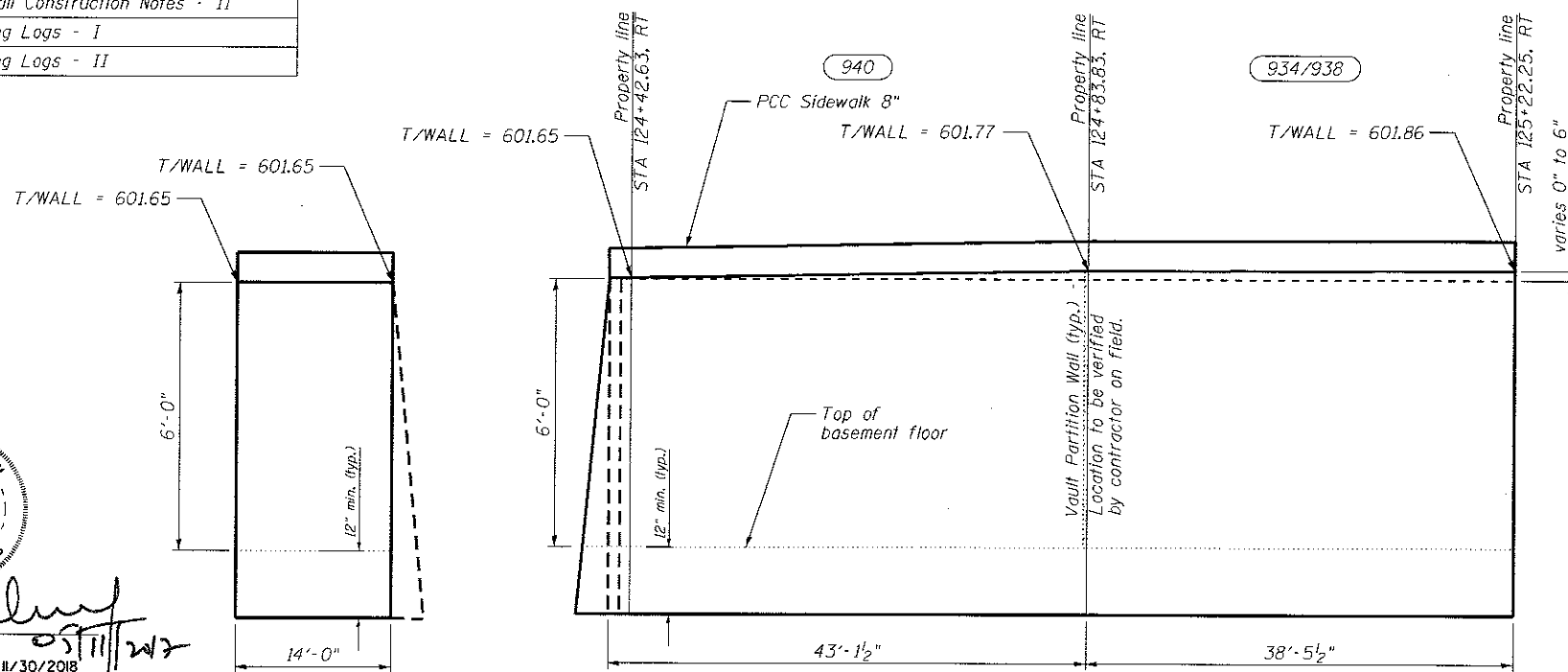
0.45 in. at soil boring B-4
 0.25 in. at soil borings B-1, B-2, and B-3

INDEX OF SHEETS

Sht. No.	Description
S1	Gravity Wall General Plan & Elevation - I
S2	Gravity Wall General Plan & Elevation - II
S3	Gravity Wall General Plan & Elevation - III
S4	Gravity Wall General Plan & Elevation - IV
S5	Gravity Wall Construction Notes - I
S6	Gravity Wall Construction Notes - II
S7	Soil Boring Logs - I
S8	Soil Boring Logs - II

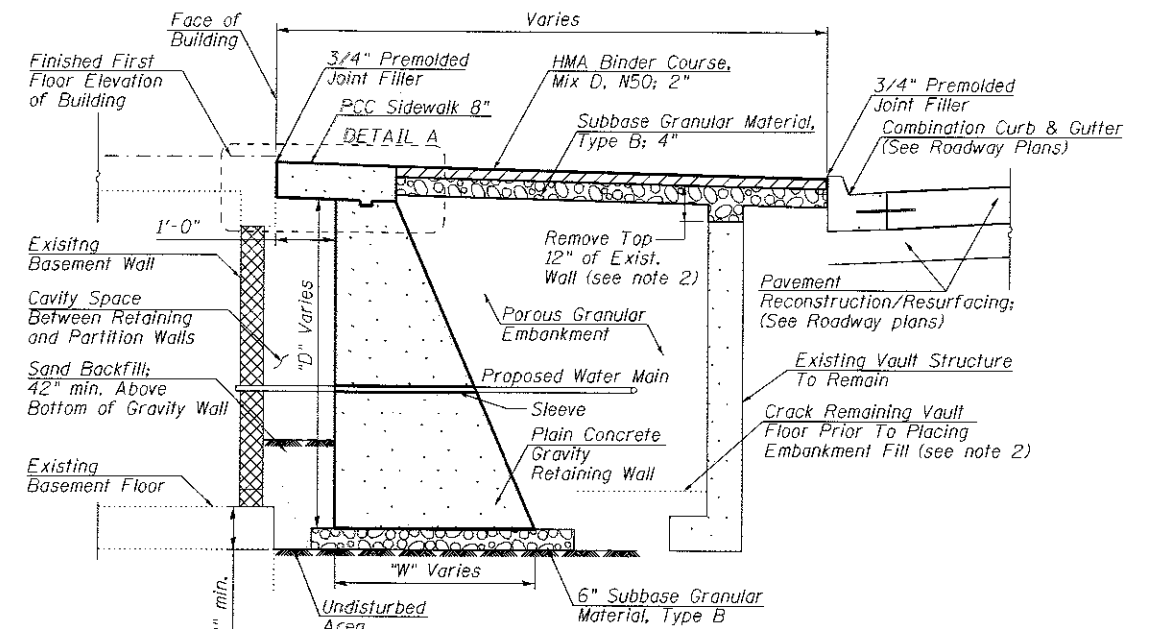


PLAN - VAULTED SIDEWALK: ADDRESS 940 AND 934/938



ELEVATION - LOOKING SOUTH

ELEVATION - LOOKING WEST

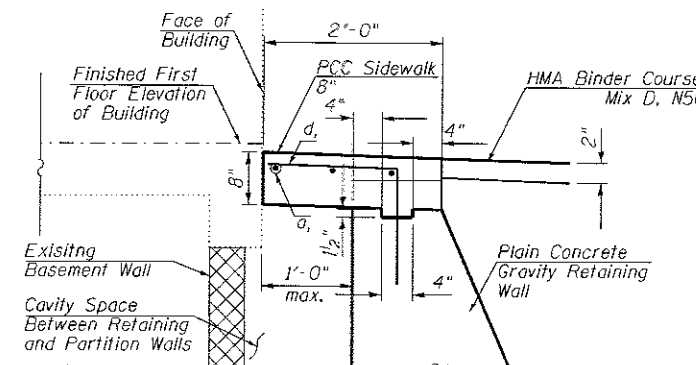


TYPICAL SECTION

GRAVITY WALL SIZE CHART

D	W
7	4.00
8	4.50
9	4.75
10	5.25
11	5.75

* For Bill of Material see Sheet 96



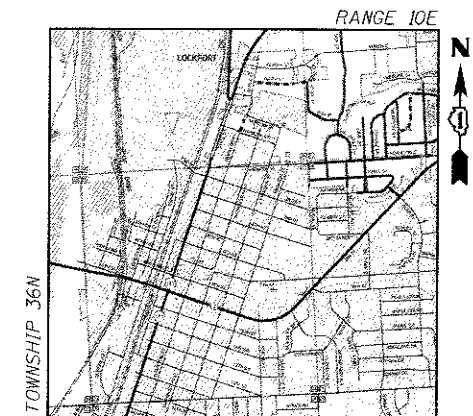
DETAIL A

LEGEND:

- Soil Boring Location
- Direction of Traffic
- Existing Vault Space (to be field verified by Contractor)
- Vault Partition Wall, Remove as required (to be field verified by Contractor)

NOTE:

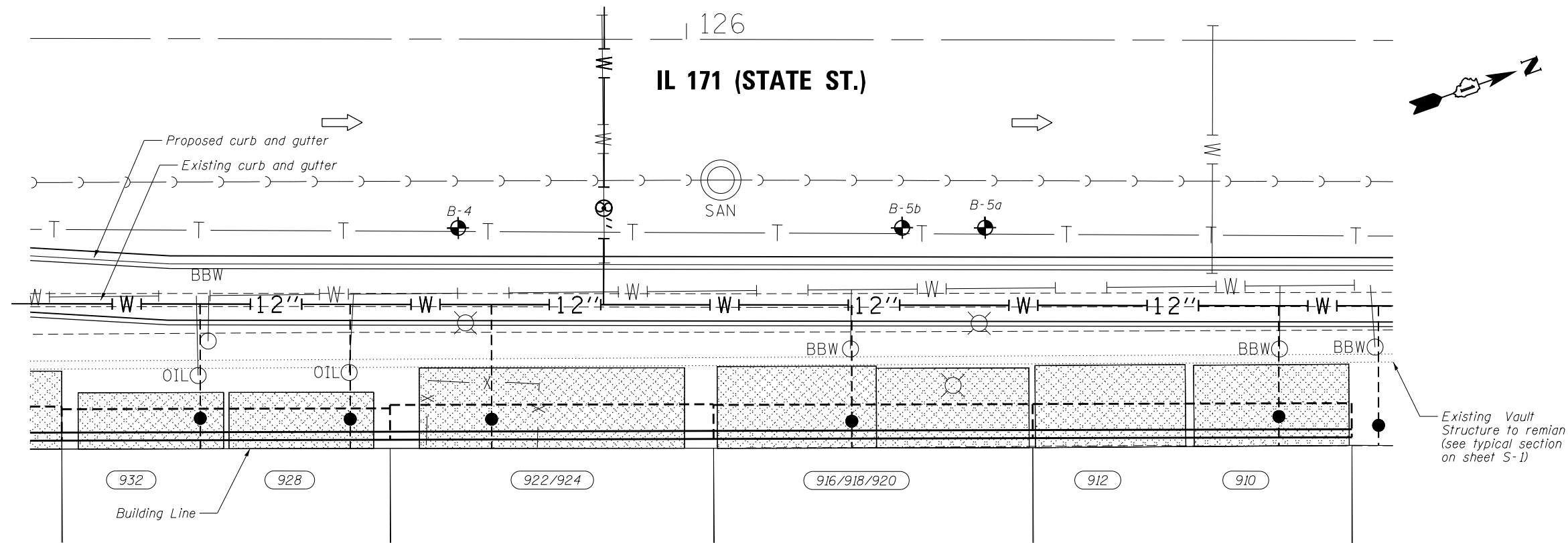
1. See Sheet S-5 and S-6 for business information and notes specific to each address.
2. The removal of the sidewalk and/or roof, partition masonry walls, deteriorated beams, full depth saw cutting, sealing floor drains, breaking up the vault floor, protection of existing utilities, providing access to abutting properties, plywood portion walls and closing of minor openings is included in the cost of Vaulted Sidewalk Removal.
3. All vault locations shown are approximate. Contractor to verify all dimensions before beginning the work.
4. For sleeve locations see water main plans.



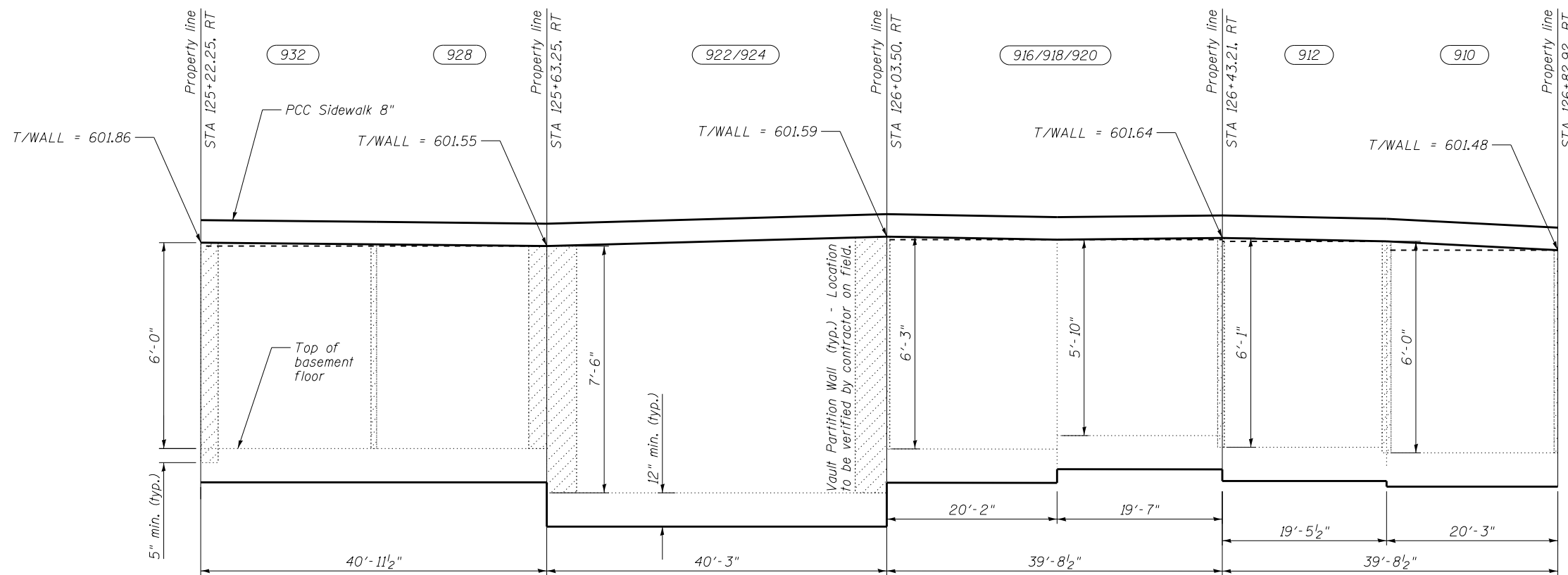
LOCATION SKETCH

**GENERAL PLAN AND ELEVATION
 GRAVITY WALL
 ALONG S STATE ST
 F.A.P. ROUTE 577
 SECTION D-EXT-N
 CITY OF LOCKPORT, WILL COUNTY**

AES Services, Inc. 111 S. Wacker Drive, Suite 3910 Chicago, IL 60606 Ph: 312-235-6783	USER NAME :	DESIGNED - MS	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	IL 171 (STATE ST.) & IL 7 (9 th ST.) IMPROVEMENTS GRAVITY WALL GENERAL PLAN & ELEVATION - I	F.A.P. RTE.:	SECTION:	COUNTY:	TOTAL SHEETS:	SHEET NO.:
	PLOT SCALE :	DRAWN - ANM	REVISED -			577	D-EXT-N	WILL	140	99
	PLOT DATE :	CHECKED - MS	REVISED -			CONTRACT NO. 62C09				
		DATE - 3/20/2017	REVISED -			ILLINOIS FED. AID PROJECT				



PLAN - VAULTED SIDEWALK: ADDRESS 932, 928, 922 / 924, 916 / 918 / 920, 912 AND 910



ELEVATION - LOOKING WEST

LEGEND:

- Soil Boring Location
- Direction of Traffic
- Existing Vault Space (to be field verified by Contractor)
- Vault Partition Wall, Remove as required (to be field verified by Contractor)

NOTE:

1. See Sheet S-5 and S-6 for business information and notes specific to each address.
2. The removal of the sidewalk and/or roof, partition masonry walls, deteriorated beams, full depth saw cutting, sealing floor drains, breaking up the vault floor, protection of existing utilities, providing access to abutting properties, plywood portion walls and closing of minor openings is included in the cost of Vaulted Sidewalk Removal.
3. All vault locations shown are approximate. Contractor to verify all dimensions before beginning the work.

USER NAME =	DESIGNED - MS	REVISED -
DRAWN - AWM	REVISED -	
PLOT SCALE =	CHECKED - MS	REVISED -
PLOT DATE =	DATE - 3/20/2017	REVISED -

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
577	D-EXT-N	WILL	140	100
CONTRACT NO. 62C09				