

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
-	(104)SW-1,TS(105)SW-1,TS-1	MONTGOMERY	052	1
ILLINOIS			CONTRACT NO. 72L84	

\*325, 42A (IL 16, 127)

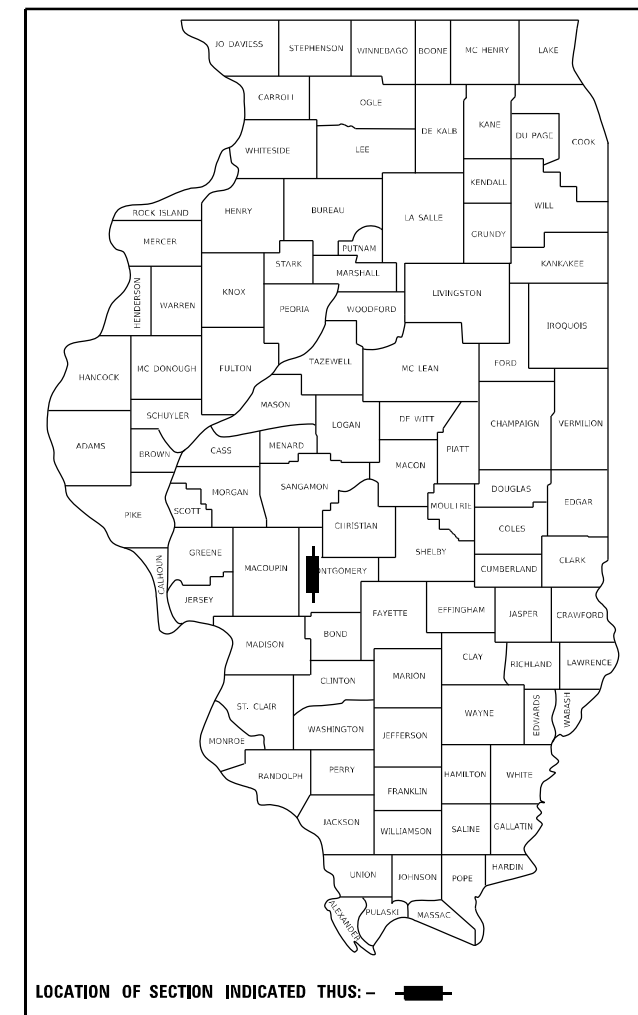
\* 52 + 4 = 56 TOTAL SHEETS

D-96-050-20

# PROPOSED HIGHWAY PLANS

**FAP 325, 42A(IL 16,127)  
SECTION (104) SW-1, TS (105) SW-1, TS-1  
PROJECT NHPP-HSIP-5XPZ (018)  
TRAFFIC SIGNALS AND ADA IMPROVEMENTS  
MONTGOMERY COUNTY**

C-96-081-20



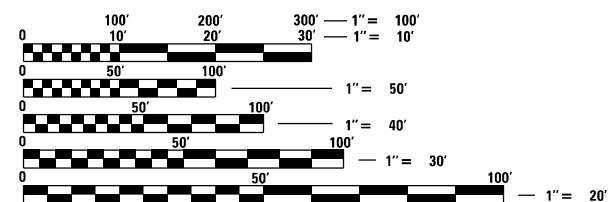
OTHER PRINCIPAL ARTERIAL  
ADT: 6,650 (2019)  
MU: 3.02%  
SU: 6.03%

**INDEX OF SHEETS**

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\* 45A - 45C SOIL BORING LOGS

\*\* INCLUDES SHEET 48A



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 EXCAVATORS  
1-800-892-0123  
OR 811

**IMPROVEMENT BEGINS**

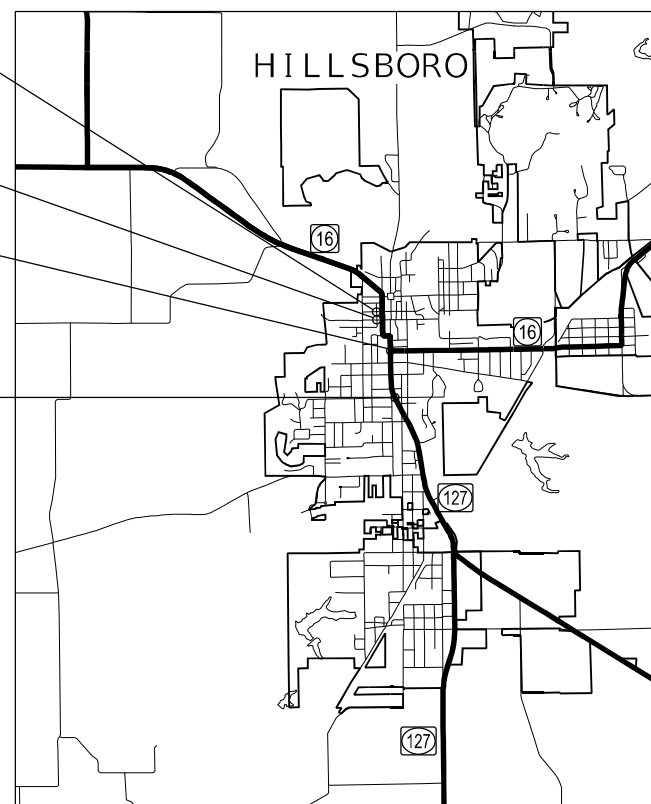
IL-16 (127)/WATER ST.  
STA 25 + 66

IL-16 (127)/WOOD ST.  
STA 28 + 13

IL 127 /SCHOOL ST.  
STA 0 + 00

**IMPROVEMENT ENDS**

IL-127 /FAIRGROUNDS AVE.  
STA 16 + 14



GROSS LENGTH = 3,225.00 FT. = 0.61 MILE  
NET LENGTH = 3,225.00 FT. = 0.61 MILE

PROJECT ENGINEER: JON KELLEY PH: 217-785-2739  
PROJECT MANAGER: CLOYD JACK PH: 217-524-0064  
PROJECT DESIGNER: FRANK CARABALLO PH: 217-524-7697  
CONTRACT NO. 72L84

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

SUBMITTED October 20 2020

*John P. Meyer*  
REGIONAL ENGINEER

December 4, 2020  
*Scott A. Elk*  
ENGINEER OF DESIGN AND ENVIRONMENT

December 4, 2020  
*James J. Jan*  
DIRECTOR OF HIGHWAYS PROJECT IMPLEMENTATION

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OF THE STATE OF ILLINOIS**

**STANDARDS**

000001-08	STANDARD SYMBOLS, ABBREVIATIONS AND PATTERNS
001001-02	AREAS OF REINFORCEMENT BARS
001006	DECIMAL OF AN INCH AND OF A FOOT
280001-07	TEMPORARY EROSION CONTROL SYSTEMS
424001-11	PERPENDICULAR CURB RAMPS FOR SIDEWALKS
424011-04	CORNER PARALLEL CURB RAMPS
424021-06	DEPRESSED CORNER FOR SIDEWALKS
442201-03	CLASS C AND D PATCHES
602301-04	INLET - TYPE A
602306-03	INLET - TYPE B
604006-05	FRAME & GRATE TYPE 3
606001-07	CONCRETE CURB TYPE B AND COMB. CONC. CURB & GUTTER
606301-04	PC CONCRETE ISLANDS AND MEDIANS
701001-02	OFF-RD OPS 2L, 2W, MORE THAN 15' (4.5M) AWAY
701006-05	OFF-RD OPS 2L, 2W, 15' (4.5M) TO 24" (600MM) FROM PAVT EDGE
701501-06	URBAN LANE CLOSURE 2L, 2W, UNDIVIDED
701701-10	URBAN LANE CLOSURE, MULTILANE INTERSECTION
701801-06	SIDEWALK, CORNER OR CROSSWALK CLOSURE
701901-08	TRAFFIC CONTROL DEVICES
720001-01	SIGN PANEL MOUNTING DETAILS
720006-04	SIGN PANEL ERECTION DETAILS
805001-01	ELECTRICAL SERVICE INSTALLATION DETAILS
814001-03	HANDHOLES
814006-03	DOUBLE HANDHOLES
821101-02	LUMINAIRE LIGHTING IN POLE
857001-01	STANDARD PHASE DESIGNATION DIAGRAMS AND PHASE SEQUENCES
862001-01	UNINTERRUPTED POWER SUPPLY (UPS)
873001-02	TRAFFIC SIGNAL GROUNDING AND BONDING
876001-04	PEDESTRIAN PUSHBUTTON POST
877006-06	STEEL MAST ARM ASSEMBLY & POLE WITH DUAL MAST ARMS
877011-10	STEEL COMB. MAST ARM ASSEMBLY & POLE 16' THRU 55'
878001-11	CONCRETE FOUNDATION DETAILS
880006-01	TRAFFIC SINGAL MOUNTING DETAILS

**GENERAL NOTES**

1. ALL ELEVATIONS SHOWN ON THE PLANS ARE BASED ON NAVD 88 DATUM.
2. IF THE CONTRACTOR REQUESTS OLD PLANS THEY SHALL CONTACT THE PROJECT ENGINEER OR TEAM ENGINEER AS SHOWN ON THE COVER SHEET TO HAVE THEM AVAILABLE FOR REVIEW.
3. PAVEMENT REPAIR - ANY DAMAGE OR REMOVAL OF THE PAVEMENT DUE TO THE REMOVAL OF THE CONCRETE CURB AND GUTTER OR SIDEWALK, SHALL BE REPLACED AND INCLUDED IN THE CONCRETE CURB AND GUTTER OR SIDEWALK REMOVAL. THIS INCLUDES ALL WORK AND MATERIALS ASSOCIATED WITH THE REPLACEMENT.
4. WHERE CURB AND GUTTER IS REMOVED FOR REPLACEMENT AS PART OF THE SIDEWALK RAMP, THE GUTTER REPLACEMENT SHALL MATCH THE EXISTING FLOW LINE AT THE EDGE OF PAVEMENT OR EXISTING GUTTER. THE GUTTER THICKNESS SHALL MATCH THE THICKNESS OF THE ADJACENT PAVEMENT.

**RATES OF APPLICATION TABLE**

AGGREGATE (SURFACE, BASE, SUBBASE, OR BACKFILL) 1.8 TON / CU YD



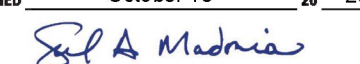
**SEEDING:**

NITROGEN FERTILIZER NUTRIENT	90 LBS / ACRE
PHOSPHORUS FERTILIZER NUTRIENT	90 LBS / ACRE
POTASSIUM FERTILIZER NUTRIENT	90 LBS / ACRE
AGRICULTURAL GROUND LIMESTONE	2.0 TON / ACRE
MULCH METHOD	2.0 TON / ACRE

**SODDING:**

NITROGEN FERTILIZER NUTRIENT	0.0124 LB / SQ YD
PHOSPHORUS FERTILIZER NUTRIENT	0.0124 LB / SQ YD
POTASSIUM FERTILIZER NUTRIENT	0.0124 LB / SQ YD
AGRICULTURAL GROUND LIMESTONE	0.00041 TONS / SQ YD
SUPPLEMENTAL WATERING	.003 UNITS / SQ YD (3 GAL/ SQ YD)

**COMMITMENTS**

<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION DIVISION OF HIGHWAYS DISTRICT 6</b>	
EXAMINED	September 30 20 20
	
<b>ENGINEER OF OPERATIONS</b>	
EXAMINED	October 2 20 20
	
<b>ENGINEER OF PROJECT IMPLEMENTATION</b>	
EXAMINED	October 13 20 20
	
<b>ENGINEER OF PROGRAM DEVELOPMENT</b>	

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**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**GENERAL NOTES & INDEX OF SHEETS**

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
-	(104)SW-1,TS(105) SW-1,TS-1	MONTGOMERY	052	002
CONTRACT NO. 72L84				
		ILLINOIS	FED. AID PROJECT	

				6-00784-0550	6-00784-0560	
				80% FED 20% STATE	90% FED 7.33% STATE 2.67% CITY	90% FED 7.33% STATE 2.67% CITY
				URBAN		
CODE			TOTAL	ROADWAY 0021	TRAFFIC SIGNALS 0021	TRAFFIC SIGNALS 0021
20800150	TRENCH BACKFILL	CU YD	4	4		
25200100	SODDING	SQ YD	9	9		
35400300	PORTLAND CEMENT CONCRETE BASE COURSE WIDENING 8"	SQ YD	57	57		
42400800	DETECTABLE WARNINGS	SQ FT	130	130		
44000100	PAVEMENT REMOVAL	SQ YD	84	84		
44000500	COMBINATION CURB AND GUTTER REMOVAL	FOOT	283	283		
44000600	SIDEWALK REMOVAL	SQ FT	2317	2317		
44201329	CLASS C PATCHES, TYPE II, 8 INCH	SQ YD	7	7		
50102400	CONCRETE REMOVAL	CU YD	2	2		
60240225	INLETS, TYPE B, TYPE 4 FRAME AND GRATE	EACH	3	3		
60266600	VALVE BOXES TO BE ADJUSTED	EACH	1	1		
60500060	REMOVING INLETS	EACH	1	1		
60603800	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12	FOOT	103	103		

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**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**SUMMARY OF QUANTITIES**

SCALE: SHEET 1 OF 8 SHEETS STA. TO STA.

F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	(104)SW-1,TS(105)SW-1,TS-1	MONTGOMERY	052	003
CONTRACT NO. 72L84				
ILLINOIS FED. AID PROJECT				

				6-00784-0550	6-00784-0560	
				80% FED 20% STATE	90% FED 7.33% STATE 2.67% CITY	90% FED 7.33% STATE 2.67% CITY
				URBAN		
CODE			TOTAL	ROADWAY 0021	TRAFFIC SIGNALS 0021	TRAFFIC SIGNALS 0021
60605000	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.24	FOOT	110	110		
60608600	COMBINATION CONCRETE CURB AND GUTTER, TYPE M-6.06	FOOT	35	35		
60610400	COMBINATION CONCRETE CURB AND GUTTER, TYPE M-6.24	FOOT	38	38		
60610900	COMBINATION CONCRETE CURB AND GUTTER, TYPE M-6.24 (VARIABLE WIDTH GUTTER FLAG)	FOOT	38	38		
60618300	CONCRETE MEDIAN SURFACE, 4 INCH	SQ FT	274	274		
61100605	MISCELLANEOUS CONCRETE	CU YD	2	2		
* 66900200	NON-SPECIAL WASTE DISPOSAL	CU YD	27	27		
* 66900530	SOIL DISPOSAL ANALYSIS	EACH	4	4		
* 66901001	REGULATED SUBSTANCES PRE-CONSTRUCTION PLAN	LSUM	1	1		
* 66901003	REGULATED SUBSTANCES FINAL CONSTRUCTION REPORT	LSUM	1	1		
* 66901006	REGULATED SUBSTANCES MONITORING	CAL DA	4	4		
67000400	ENGINEER'S FIELD OFFICE, TYPE A	CAL MO	12	2	5	5
67100100	MOBILIZATION	L SUM	1	0.2	0.4	0.4
70102620	TRAFFIC CONTROL AND PROTECTION, STANDARD 701501	L SUM	1	0.2	0.4	0.4

\* SPECIALTY ITEM

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**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**SUMMARY OF QUANTITIES**

SCALE: SHEET 2 OF 8 SHEETS STA. TO STA.

F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	(104)SW-1,TS(105)SW-1,TS-1	MONTGOMERY	052	004
CONTRACT NO. 72L84				
ILLINOIS FED. AID PROJECT				

				6-00784-0550	6-00784-0560	
				80% FED 20% STATE	90% FED 7.33% STATE 2.67% CITY	90% FED 7.33% STATE 2.67% CITY
				URBAN		
CODE			TOTAL	ROADWAY 0021	TRAFFIC SIGNALS 0021	TRAFFIC SIGNALS 0021
70102635	TRAFFIC CONTROL AND PROTECTION, STANDARD 701701	L SUM	1		0.5	0.5
70102640	TRAFFIC CONTROL AND PROTECTION, STANDARD 701801	L SUM	1	0.8	0.1	0.1
70103815	TRAFFIC CONTROL SURVEILLANCE	CAL DA	25	5	10	10
* 72000100	SIGN PANEL - TYPE 1	SQ FT	77		66	11
* 72000200	SIGN PANEL - TYPE 2	SQ FT	47			47
72400310	REMOVE SIGN PANEL - TYPE 1	EACH	17		13	4
72400320	REMOVE SIGN PANEL - TYPE 2	EACH	4			4
* 78000400	THERMOPLASTIC PAVEMENT MARKING - LINE 6"	FOOT	235	235		
* 78000500	THERMOPLASTIC PAVEMENT MARKING - LINE 8"	FOOT	279	279		
* 78000600	THERMOPLASTIC PAVEMENT MARKING - LINE 12"	FOOT	70	70		
* 78004280	PREFORMED PLASTIC PAVEMENT MARKING, TYPE B - INLAID - LINE 24"	FOOT	83	83		
80500100	SERVICE INSTALLATION, TYPE A	EACH	2		1	1
81028340	UNDERGROUND CONDUIT, PVC, 1 1/2" DIA.	FOOT	1794		1600	194

\* SPECIALTY ITEM

REV. - MS

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	DATE -	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**SUMMARY OF QUANTITIES**

SCALE: SHEET 3 OF 8 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	(104)SW-1,TS(105)SW-1,TS-1	MONTGOMERY	052	005
		CONTRACT NO. 72L84		
ILLINOIS FED. AID PROJECT				

\*325, 42A (IL 16, 127)

CODE			TOTAL	6-00784-0550	6-00784-0560	
				80% FED 20% STATE	90% FED 7.33% STATE 2.67% CITY	90% FED 7.33% STATE 2.67% CITY
				URBAN	ROADWAY 0021	TRAFFIC SIGNALS 0021
81028350	UNDERGROUND CONDUIT, PVC, 2" DIA.	FOOT	92		26	66
81028360	UNDERGROUND CONDUIT, PVC, 2 1/2" DIA.	FOOT	232		131	101
81028370	UNDERGROUND CONDUIT, PVC, 3" DIA.	FOOT	404		233	171
81028400	UNDERGROUND CONDUIT, PVC, 5" DIA.	FOOT	22		17	5
81400730	HANDHOLE, COMPOSITE CONCRETE	EACH	8		5	3
81400740	DOUBLE HANDHOLE, COMPOSITE CONCRETE	EACH	2		1	1
81500120	GULFBOX JUNCTION, COMPOSITE CONCRETE	EACH	7		7	
81702110	ELECTRIC CABLE IN CONDUIT, 600V (XLP-TYPE USE) 1/C NO. 10	FOOT	490		332	158
82110007	LUMINAIRE, LED, ROADWAY, OUTPUT DESIGNATION G	EACH	6		2	4
85000200	MAINTENANCE OF EXISTING TRAFFIC SIGNAL INSTALLATION	EACH	2		1	1
85700200	FULL-ACTUATED CONTROLLER AND TYPE IV CABINET	EACH	2		1	1
86200200	UNINTERRUPTABLE POWER SUPPLY, STANDARD	EACH	2		1	1
87301225	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 3C	FOOT	2217		1559	658
87301245	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 5C	FOOT	2012		1334	678

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**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**SUMMARY OF QUANTITIES**

SCALE: SHEET 4 OF 8 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	(104)SW-1,TS(105)SW-1,TS-1	MONTGOMERY	052	006
CONTRACT NO. 72L84				
ILLINOIS FED. AID PROJECT				

				6-00784-0550	6-00784-0560	
				80% FED 20% STATE	90% FED 7.33% STATE 2.67% CITY	90% FED 7.33% STATE 2.67% CITY
				URBAN		
CODE			TOTAL	ROADWAY 0021	TRAFFIC SIGNALS 0021	TRAFFIC SIGNALS 0021
87301255	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 7C	FOOT	490		490	
87301265	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 9C	FOOT	1125		154	971
87301290	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 18 3C	FOOT	1346		604	742
87301805	ELECTRIC CABLE IN CONDUIT, SERVICE, NO. 6 2 C	FOOT	241		213	28
87301900	ELECTRIC CABLE IN CONDUIT, EQUIPMENT GROUNDING CONDUCTOR, NO. 6 1C	FOOT	1344		807	537
87502640	TRAFFIC SIGNAL POST, ALUMINUM 10 FT.	EACH	2		2	
87502690	TRAFFIC SIGNAL POST, ALUMINUM 15 FT.	EACH	7		3	4
87702830	STEEL COMBINATION MAST ARM ASSEMBLY AND POLE 20 FT.	EACH	1			1
87702840	STEEL COMBINATION MAST ARM ASSEMBLY AND POLE 22 FT.	EACH	1		1	
87702870	STEEL COMBINATION MAST ARM ASSEMBLY AND POLE 28 FT.	EACH	1			1
87702880	STEEL COMBINATION MAST ARM ASSEMBLY AND POLE 30 FT.	EACH	1			1
87702900	STEEL COMBINATION MAST ARM ASSEMBLY AND POLE 34 FT.	EACH	1			1
87704342	STEEL COMBINATION MAST ARM ASSEMBLY AND POLE WITH DUAL MAST ARMS, 28 FT. AND 34 FT.	EACH	1		1	
87800100	CONCRETE FOUNDATION, TYPE A	FOOT	27		15	12

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**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**SUMMARY OF QUANTITIES**

SCALE: SHEET 5 OF 8 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	(104)SW-1,TS(105)SW-1,TS-1	MONTGOMERY	052	007
			CONTRACT NO. 72L84	
		ILLINOIS	FED. AID PROJECT	

				6-00784-0550	6-00784-0560	
				80% FED 20% STATE	90% FED 7.33% STATE 2.67% CITY	90% FED 7.33% STATE 2.67% CITY
				URBAN		
CODE			TOTAL	ROADWAY 0021	TRAFFIC SIGNALS 0021	TRAFFIC SIGNALS 0021
87800150	CONCRETE FOUNDATION, TYPE C	FOOT	7		3.5	3.5
87800400	CONCRETE FOUNDATION, TYPE E 30-INCH DIAMETER	FOOT	30		10	20
87800415	CONCRETE FOUNDATION, TYPE E 36-INCH DIAMETER	FOOT	34		12	22
88040070	SIGNAL HEAD, POLYCARBONATE, LED, 1-FACE, 3-SECTION, BRACKET MOUNTED	EACH	2			2
88040090	SIGNAL HEAD, POLYCARBONATE, LED, 1-FACE, 3-SECTION, MAST ARM MOUNTED	EACH	5		3	2
88040120	SIGNAL HEAD, POLYCARBONATE, LED, 1-FACE, 4-SECTION, MAST ARM MOUNTED	EACH	5		1	4
88040230	SIGNAL HEAD, POLYCARBONATE, LED, 2-FACE, 3-SECTION, BRACKET MOUNTED	EACH	1		1	
88040250	SIGNAL HEAD, POLYCARBONATE, LED, 2-FACE, 1-3 SECTION, 1-4 SECTION, BRACKET MOUNTED	EACH	4			4
88040260	SIGNAL HEAD, POLYCARBONATE, LED, 2-FACE, 1-3-SECTION, 1-5-SECTION, BRACKET MOUNTED	EACH	1		1	
88040280	SIGNAL HEAD, POLYCARBONATE, LED, 2-FACE, 1-4 SECTION, 1-5 SECTION, BRACKET MOUNTED	EACH	1		1	
88040290	SIGNAL HEAD, POLYCARBONATE, LED, 2-FACE, 5-SECTION, BRACKET MOUNTED	EACH	1		1	
88102717	PEDESTRIAN SIGNAL HEAD, LED, 1-FACE, BRACKET MOUNTED WITH COUNTDOWN TIMER	EACH	3		1	2
88102747	PEDESTRIAN SIGNAL HEAD, LED, 2-FACE, BRACKET MOUNTED WITH COUNTDOWN TIMER	EACH	2		1	1
88102757	PEDESTRIAN SIGNAL HEAD, LED, 3-FACE, BRACKET MOUNTED WITH COUNTDOWN TIMER	EACH	1		1	

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PLOT SCALE = 100.0000' / in.	CHECKED -	REVISED -
PLOT DATE = 10/22/2020	DATE -	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**SUMMARY OF QUANTITIES**

SCALE: SHEET 6 OF 8 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	(104)SW-1,TS(105)SW-1,TS-1	MONTGOMERY	052	008
CONTRACT NO. 72L84				
ILLINOIS FED. AID PROJECT				



				6-00784-0550	6-00784-0560	
				80% FED 20% STATE	90% FED 7.33% STATE 2.67% CITY	90% FED 7.33% STATE 2.67% CITY
				URBAN		
CODE			TOTAL	ROADWAY 0021	TRAFFIC SIGNALS 0021	TRAFFIC SIGNALS 0021
88200510	TRAFFIC SIGNAL BACKPLATE, RETROREFLECTIVE	EACH	28		12	16
88800100	PEDESTRIAN PUSH-BUTTON	EACH	12		8	4
89000100	TEMPORARY TRAFFIC SIGNAL INSTALLATION	EACH	2		1	1
89500120	REMOVE EXISTING SERVICE INSTALLATION	EACH	2		1	1
89502375	REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT	EACH	2		1	1
89502380	REMOVE EXISTING HANDHOLE	EACH	6		3	3
89502382	REMOVE EXISTING DOUBLE HANDHOLE	EACH	2		1	1
89502385	REMOVE EXISTING CONCRETE FOUNDATION	EACH	14		6	8
X0322463	CONNECTION TO EXISTING SEWER	EACH	1	1		
X0322765	RELOCATE VIDEO VEHICLE DETECTION SYSTEM	EACH	2		1	1
X0326266	ETHERNET SWITCH	EACH	2		1	1
X0327980	PAVEMENT MARKING REMOVAL - WATER BLASTING	SQ FT	538	538		
X3400004	RETAINING WALL REMOVAL	FOOT	60	60		
X4240420	PORTLAND CEMENT CONCRETE SIDEWALK 4 INCH, SPECIAL	SQ FT	2284	2284		

MODEL: Default  
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USER NAME = CARABALLOFJ	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 100.0000 ' / in.	CHECKED -	REVISED -
PLOT DATE = 10/22/2020	DATE -	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**SUMMARY OF QUANTITIES**

SCALE: SHEET 7 OF 8 SHEETS STA. TO STA.

F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	(104)SW-1,TS(105)SW-1,TS-1	MONTGOMERY	052	009
CONTRACT NO. 72L84				
ILLINOIS FED. AID PROJECT				

				6-00784-0550	6-00784-0560	
				80% FED 20% STATE	90% FED 7.33% STATE 2.67% CITY	90% FED 7.33% STATE 2.67% CITY
				URBAN		
CODE			TOTAL	ROADWAY 0021	TRAFFIC SIGNALS 0021	TRAFFIC SIGNALS 0021
X4402020	CONCRETE MEDIAN SURFACE REMOVAL	SQ FT	156	156		
X5030225	CONCRETE STRUCTURES (SPECIAL)	CU YD	6	6		
X7350010	SIGN SUPPORT BRACKET	EACH	5		5	
X8710029	FIBER OPTIC CABLE 24 FIBERS, SINGLE MODE	FOOT	1937		1629	308
X8760201	PEDESTRIAN PUSH-BUTTON POST	EACH	1		1	
Z0010688	CAMERA MOUNTING ASSEMBLY	EACH	7		3	4
∅ Z0076600	TRAINEES	HOUR	500	500		
Z0033072	VIDEO VEHICLE DETECTION SYSTEM	EACH	2		1	1
∅ Z0076604	TRAINEES TRAINING PROGRAM GRADUATE	HOUR	500	500		
Z0056608	STORM SEWER (WATER MAIN REQUIREMENTS) 12 INCH	FOOT	55	55		

∅ 0042

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REV. - MS

USER NAME = CARABALLOFJ	DESIGNED -	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>SUMMARY OF QUANTITIES</b>			F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.		
PLOT SCALE = 100.0000' / in.	DRAWN -	REVISED -		SCALE:	SHEET 8	OF 8	SHEETS	STA.	TO STA.	(104)SW-1,TS(105)SW-1,TS-1	MONTGOMERY	052	010
PLOT DATE = 10/22/2020	CHECKED -	REVISED -		CONTRACT NO. 72L84									
	DATE -	REVISED -		ILLINOIS FED. AID PROJECT									

\*325, 42A (IL 16, 127)

LANDSCAPING							
LOCATION	SODDING 25200100 (SQ YD)	SEEDING CLASS 2 (ACRE)	NITROGEN FERTILIZER NUTRIENT (POUND)	PHOSPHORUS FERTILIZER NUTRIENT (POUND)	POTASSIUM FERTILIZER NUTRIENT (POUND)	AGRICULTURAL GROUND LIMESTONE (TON)	EROSION CONTROL BLANKET (SQ YD)
WOOD ST SW QUADRANT		0.003	0.2	0.2	0.2	0.005	12.1
SCHOOL ST NW AND SW QUADRANTS		0.006	0.6	0.6	0.6	0.013	30.5
SCHOOL ST NE QUADRANT	8.60		0.1	0.1	0.1	0.004	
FAIRGROUNDS AVE NE QUADRANT		0.004	0.3	0.3	0.3	0.007	16.9
FAIRGROUNDS AVE SE QUADRANT		0.005	0.4	0.4	0.4	0.010	23.2
FAIRGROUNDS AVE SW QUADRANT		0.002	0.1	0.1	0.1	0.003	7.7
FAIRGROUNDS AVE NW QUADRANT		0.005	0.5	0.5	0.5	0.011	26.1
<b>TOTALS:</b>	ESTIMATED QUANTITIES:	8.60	0.024	2.3	2.2	0.05	116.6
	FOR PAYMENT:	9					

35400300 - PORTLAND CEMENT CONCRETE BASE COURSE WIDENING 8"						
LOCATION						
LOCATION	QUADRANT	STATION	STATION	OFFSET	QUANTITY (SQ YD) (MEASURED IN MICROSTATION)	
WATER ST	SE	STA 25+79.08	TO STA 26+43.95	LT	16.2	
WOOD ST	NW	STA 28+13.00	TO STA 28+32.00	RT	13.2	
WOOD ST	SW	STA 28+58.00	TO STA 28+89.00	RT	15.2	
FAIRGROUNDS AVE	NE	STA 15+85.04	TO STA 16+13.82	LT	11.8	
<b>TOTALS:</b>					56.4	
				USE:	57	

42400800 - DETECTABLE WARNINGS						
LOCATION						
LOCATION	QUADRANT	STATION	STATION	OFFSET	QUANTITY (SQ FT) (MEASURED IN MICROSTATION)	
WATER ST	SE	STA 25+79.08	TO STA 26+43.95	LT	22.00	
WOOD ST	NW	STA 28+13.00	TO STA 28+32.00	RT	16.00	
WOOD ST	SW	STA 28+58.00	TO STA 28+89.00	RT	21.00	
SCHOOL ST	NW	STA 40+98.42	TO STA 41+32.85	RT	10.00	
SCHOOL ST	NE	STA 40+91.03	TO STA 41+11.17	LT	10.00	
SCHOOL ST	SE	STA 0+31.73	TO STA 0+54.76	LT	10.00	
FAIRGROUNDS AVE	NE	STA 15+85.04	TO STA 16+13.82	LT	21.00	
FAIRGROUNDS AVE	SE	STA 16+61.86	TO STA 16+76.90	LT	10.00	
FAIRGROUNDS AVE	SW	STA 16+24.56	TO STA 16+67.95	RT	10.00	
				<b>TOTAL</b>	<b>130</b>	

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USER NAME = CARABALLOJ	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 100,0000' / in.	CHECKED -	REVISED -
PLOT DATE = 10/23/2020	DATE -	REVISED -

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

**SCHEDULE OF QUANTITIES**

SCALE: SHEET 1 OF 5 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	(104)SW-1,TS(105)SW-1,TS-1	MONTGOMERY	052	011
CONTRACT NO. 72L84				
ILLINOIS FED. AID PROJECT				

\*325, 42A (IL 16, 127)

INLET & STORM SEWER						
LOCATION		STORM SEWER (WATER MAIN REQUIREMENTS) 12 INCH Z0056608 (FOOT)	TRENCH BACKFILL 20800150 (CU YD)	INLETS, TYPE B, TYPE 4 FRAME AND GRATE 60240225 (EACH)	REMOVING INLETS 60500060 (EACH)	CONNECTION TO EXISTING SEWER X0322463 (EACH)
STA 28+27.71	WOOD ST NW QUADRANT TO STA 28+68.00	36	2.42	1.0	1.0	1.0
STA 9+58.93	WOOD ST SW QUADRANT TO STA 9+80.01	19	1.28	2.0		
<b>TOTALS:</b>		55	3.70	3.0	1.0	1.0
USE:		55	4	3	1	1

X4240420 - PORTLAND CEMENT CONCRETE SIDEWALK 4 INCH, SPECIAL						
LOCATION						
LOCATION	QUADRANT	STATION	STATION	OFFSET	QUANTITY (SQ FT) (MEASURED IN MICROSTATION)	
WATER ST	SE	STA 25+79.08	TO STA 26+43.95	LT	669	
WOOD ST	NW	STA 28+18.00	TO STA 28+32.00	RT	123	
WOOD ST	SW	STA 28+58.00	TO STA 28+89.00	RT	314	
SCHOOL ST	NW	STA 40+98.42	TO STA 41+32.85	RT	293	
SCHOOL ST	NE	STA 40+91.03	TO STA 41+11.17	LT	129	
SCHOOL ST	SE	STA 0+31.73	TO STA 0+54.76	LT	145	
FAIRGROUNDS AVE	NE	STA 15+85.04	TO STA 16+13.82	LT	164	
FAIRGROUNDS AVE	SE	STA 16+61.86	TO STA 16+76.90	LT	156	
FAIRGROUNDS AVE	SW	STA 16+24.56	TO STA 16+67.95	RT	291	
<b>TOTAL</b>					<b>2284</b>	

44000100 - PAVEMENT REMOVAL						
LOCATION						
LOCATION	QUADRANT	STATION	STATION	OFFSET	QUANTITY (SQ YD) (MEASURED IN MICROSTATION)	
WATER ST	SE	STA 25+79.08	TO STA 26+43.95	LT	12.11	
WOOD ST	NW	STA 28+13.00	TO STA 28+32.00	RT	13.22	
WOOD ST	SW	STA 28+58.00	TO STA 28+89.00	RT	15.22	
WOOD ST		STA 28+35.64	TO STA 28+59.34	RT	8.00	
SCHOOL ST ISLAND	NE	STA 41+11.14	TO STA 41+33.28	LT	12.00	
SCHOOL ST ISLAND	SE	STA 0+16.04	TO STA 0+35.72	LT	11.22	
FAIRGROUNDS AVE	NE	STA 15+85.04	TO STA 16+13.82	LT	11.78	
<b>TOTALS:</b>					<b>83.56</b>	
USE:					<b>84</b>	

CONCRETE STRUCTURES						
LOCATION		DESCRIPTION	CONCRETE REMOVAL 50102400 (CU YD)	CONCRETE STRUCTURES (SPECIAL) X5030225 (CU YD)	MISCELLANEOUS CONCRETE 61100605 (CU YD)	RETAINING WALL REMOVAL X3400004 (FOOT)
STA 28+58.00	WOOD ST SW QUADRANT TO STA 28+89.00	EXISTING RETAINING WALL		6.00		60
STA 9+36.15	WOOD ST SW QUADRANT TO STA 9+58.62	EXISTING MISC CONCRETE ALONG WOOD ST	2		2	
<b>TOTALS:</b>			2.00	6.00	2.00	60.00
USE:			2	6	2	60

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USER NAME = jackca	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 100.0000' / in.	CHECKED -	REVISED -
PLOT DATE = 10/19/2020	DATE -	REVISED -

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

SCHEDULE OF QUANTITIES			
SCALE:	SHEET	OF	SHEETS
	2	5	

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	(104)SW-1,TS(105)SW-1,TS-1	MONTGOMERY	052	012
CONTRACT NO. 72L84				
ILLINOIS FED. AID PROJECT				

44000600 - SIDEWALK REMOVAL						
LOCATION						
LOCATION	QUADRANT	STATION		STATION	OFFSET	QUANTITY (SQ FT) (MEASURED IN MICROSTATION)
WATER ST	SE	STA 25+79.08	TO	STA 26+43.95	LT	544
WOOD ST	NW	STA 28+18.00	TO	STA 28+32.00	RT	123
WOOD ST	SW	STA 28+58.00	TO	STA 28+89.00	RT	314
SCHOOL ST	NW	STA 40+98.42	TO	STA 41+32.85	RT	293
SCHOOL ST	NE	STA 40+91.03	TO	STA 41+11.17	LT	129
SCHOOL ST	SE	STA 0+31.73	TO	STA 0+54.76	LT	145
SCHOOL ST ISLAND	NE	STA 41+11.14	TO	STA 41+33.28	LT	83
SCHOOL ST ISLAND	SE	STA 0+16.04	TO	STA 0+35.72	LT	75
FAIRGROUNDS AVE	NE	STA 15+85.04	TO	STA 16+13.82	LT	164
FAIRGROUNDS AVE	SE	STA 16+61.86	TO	STA 16+76.90	LT	156
FAIRGROUNDS AVE	SW	STA 16+24.56	TO	STA 16+67.95	RT	291
					<b>TOTAL</b>	<b>2317</b>

60266600 - VALVE BOXES TO BE ADJUSTED					
LOCATION					
LOCATION	QUADRANT	STATION	OFFSET	QUANTITY (EACH)	
WOOD ST	SW	STA 58+76.27	23.8' RT	1	
				<b>TOTAL</b>	<b>1</b>

60603800- COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12						
LOCATION						
LOCATION	QUADRANT	STATION		STATION	OFFSET	QUANTITY (FOOT)
WATER ST	SE	STA 25+79.08		STA 26+43.95	LT	49.00
SCHOOL ST	NE	STA 40+91.03	TO	STA 41+11.17	LT	25.00
SCHOOL ST	SE	STA 0+31.73	TO	STA 0+54.76	LT	29.00
					<b>TOTAL</b>	<b>103</b>

44000500- COMBINATION CURB AND GUTTER REMOVAL						
LOCATION						
LOCATION	QUADRANT	STATION		STATION	OFFSET	QUANTITY (FOOT)
WATER ST	SE	STA 25+79.08	TO	STA 26+43.95	LT	34.00
WOOD ST	NW	STA 28+13.00	TO	STA 28+32.00	RT	26.50
WOOD ST	SW	STA 28+58.00	TO	STA 28+89.00	RT	32.00
SCHOOL ST	NW	STA 40+98.42	TO	STA 41+32.85	RT	6.00
SCHOOL ST	NE	STA 40+91.03	TO	STA 41+11.17	LT	25.00
SCHOOL ST	SE	STA 0+31.73	TO	STA 0+54.76	LT	29.00
SCHOOL ST ISLAND	NE	STA 41+11.14	TO	STA 41+33.28	LT	32.50
SCHOOL ST ISLAND	SE	STA 0+16.04	TO	STA 0+35.72	LT	53.00
FAIRGROUNDS AVE	NE	STA 15+85.04	TO	STA 16+13.82	LT	33.10
FAIRGROUNDS AVE	SE	STA 16+61.86	TO	STA 16+76.90	LT	6.20
FAIRGROUNDS AVE	SW	STA 16+24.56	TO	STA 16+67.95	RT	6.00
					<b>TOTAL</b>	<b>283</b>

60605000- COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.24						
LOCATION						
LOCATION	QUADRANT	STATION		STATION	OFFSET	QUANTITY (FOOT)
WOOD ST	NW	STA 28+13.00	TO	STA 28+32.00	RT	26.5
WOOD ST	SW	STA 28+58.00	TO	STA 28+89.00	RT	32.0
SCHOOL ST	NW	STA 40+98.42	TO	STA 41+32.85	RT	6.0
FAIRGROUNDS AVE	NE	STA 15+85.04	TO	STA 16+13.82	LT	33.1
FAIRGROUNDS AVE	SE	STA 16+61.86	TO	STA 16+76.90	LT	6.2
FAIRGROUNDS AVE	SW	STA 16+24.56	TO	STA 16+67.95	RT	6.0
					<b>TOTAL</b>	<b>110</b>

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PLOT SCALE = 100.0000' / in.	DRAWN -	REVISED -
PLOT DATE = 10/19/2020	CHECKED -	REVISED -
	DATE -	REVISED -

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

**SCHEDULE OF QUANTITIES**

SCALE: SHEET 3 OF 5 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	(104)SW-1,TS(105)SW-1,TS-1	MONTGOMERY	052	013
				CONTRACT NO. 72L84
ILLINOIS FED. AID PROJECT				

60608600- COMBINATION CONCRETE CURB AND GUTTER, TYPE M-6.06						
LOCATION						
LOCATION	QUADRANT	STATION		STATION	OFFSET	QUANTITY (FOOT)
SCHOOL ST (ISLAND)	NE	STA 41+11.14	TO	STA 41+33.28	LT	19
SCHOOL ST (ISLAND)	SE	STA 0+16.04	TO	STA 0+35.72	LT	15.5
					<b>TOTAL</b>	<b>35.0</b>

60610400- COMBINATION CONCRETE CURB AND GUTTER, TYPE M-6.24						
LOCATION						
LOCATION	QUADRANT	STATION		STATION	OFFSET	QUANTITY (FOOT)
SCHOOL ST (ISLAND)	NE	STA 41+11.14	TO	STA 41+33.28	LT	25
SCHOOL ST (ISLAND)	SE	STA 0+16.04	TO	STA 0+35.72	LT	13
					<b>TOTAL</b>	<b>38</b>

60610900- COMBINATION CONCRETE CURB AND GUTTER, TYPE M-6.24 (VARIABLE WIDTH GUTTER FLAG)						
LOCATION						
LOCATION	QUADRANT	STATION		STATION	OFFSET	QUANTITY (FOOT)
SCHOOL ST (ISLAND)	NE	STA 41+11.14	TO	STA 41+33.28	LT	14
SCHOOL ST (ISLAND)	SE	STA 0+16.04	TO	STA 0+35.72	LT	24
					<b>TOTAL</b>	<b>38</b>

60618300- CONCRETE MEDIAN SURFACE, 4 INCH						
LOCATION						
LOCATION	QUADRANT	STATION		STATION	OFFSET	QUANTITY (SQ FT) (MEASURED IN MICROSTATION)
WOOD ST	NW	STA 28+18.00	TO	STA 28+32.00	RT	13
SCHOOL ST (ISLAND)	NE	STA 41+11.14	TO	STA 41+33.28	LT	141
SCHOOL ST (ISLAND)	SE	STA 0+16.04	TO	STA 0+35.72	LT	120
					<b>TOTAL</b>	<b>274</b>

PAVEMENT PATCHING	
LOCATION	CLASS C PATCHES, TYPE II, 8 INCH  44201329 (SQ YD)
WOOD ST NW-SW QUADRANT STA 28+35.64 TO STA 28+59.34	6.22
<b>TOTALS:</b>	6.22
<b>USE:</b>	<b>7</b>

X4402020- CONCRETE MEDIAN SURFACE REMOVAL						
LOCATION						
LOCATION	QUADRANT	STATION		STATION	OFFSET	QUANTITY (SQ FT) (MEASURED IN MICROSTATION)
WOOD ST	NW	STA 28+18.00	TO	STA 28+32.00	RT	13
SCHOOL ST (ISLAND)	NE	STA 41+11.14	TO	STA 41+33.28	LT	66.6
SCHOOL ST (ISLAND)	SE	STA 0+16.04	TO	STA 0+35.72	LT	75.5
					<b>TOTALS:</b>	155.1
					<b>USE:</b>	<b>156</b>

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	DRAWN -	REVISED -
PLOT SCALE = 100.0000 ' / in.	CHECKED -	REVISED -
PLOT DATE = 10/19/2020	DATE -	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**SCHEDULE OF QUANTITIES**

SCALE: SHEET 4 OF 5 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
-	(104)SW-1,TS(105)SW-1,TS-1	MONTGOMERY	052	014
				CONTRACT NO. 72L84
		ILLINOIS	FED. AID PROJECT	

\*325, 42A (IL 16, 127)

PAVEMENT MARKING							
LOCATION			THERMOPLASTIC	THERMOPLASTIC	THERMOPLASTIC	PREFORMED PLASTIC	PAVEMENT
			PAVEMENT	PAVEMENT	PAVEMENT	PAVEMENT MARKING	MARKING
MARKING -			MARKING -	MARKING -	MARKING -	TYPE B -INLAID-	REMOVAL- WATER
LINE 6"			LINE 8"	LINE 12"	LINE 24"		BLASTING
(WHITE)			(WHITE)	(WHITE)	(WHITE)		
78000400			78000500	78000600	780004280		X0327980
STATION	TO	STATION	(FOOT)	(FOOT)	(FOOT)	FOOT	(SQ FT)
IL-127 (MAIN ST.) CROSSWALK & STOP BARS							
41+21.04	TO	41+28.04	84.0				42
41+16.18 RT						25.0	50
00+58.57 RT						12.0	24
SCHOOL ST. ISLAND CROSSWALKS & STOP BAR							
IL-16 STA 41+51.66 = IL-127 STA 0+00.00							
40+96.71	TO	00+57.34	150.2				75
41+41.04	TO	41+51.66				11.0	22
SCHOOL ST NE QUAD ISLAND & STOP BAR							
40+96.71	TO	41+41.32		156.2	50.4		155
41+12.59	TO	41+24.99				17.5	35
SCHOOL ST SE QUAD ISLAND & STOP BAR							
00+15.60	TO	00+57.34		122.0	19.1		100
00+35.37	TO	00+47.29				17.5	35
<b>TOTALS</b>			<b>235</b>	<b>279</b>	<b>70</b>	<b>83</b>	<b>538</b>

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 PROJECT: 72L84  
 SHEET: 5  
 DATE: 10/19/2020

USER NAME = jackca	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 100.0000' / in.	CHECKED -	REVISED -
PLOT DATE = 10/19/2020	DATE -	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**SCHEDULE OF QUANTITIES**

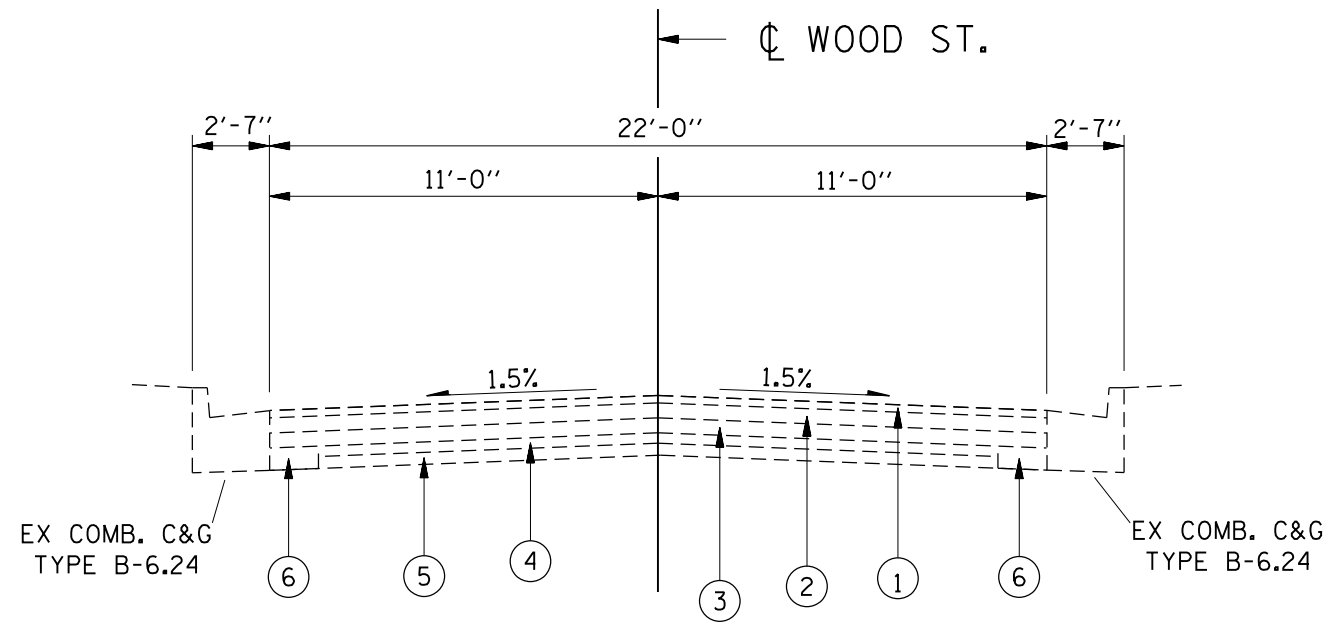
SCALE: SHEET 5 OF 5 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	(104)SW-1,TS(105)SW-1,TS-1	MONTGOMERY	052	015
CONTRACT NO. 72L84				
		ILLINOIS	FED. AID PROJECT	

\*325, 42A (IL 16, 127)

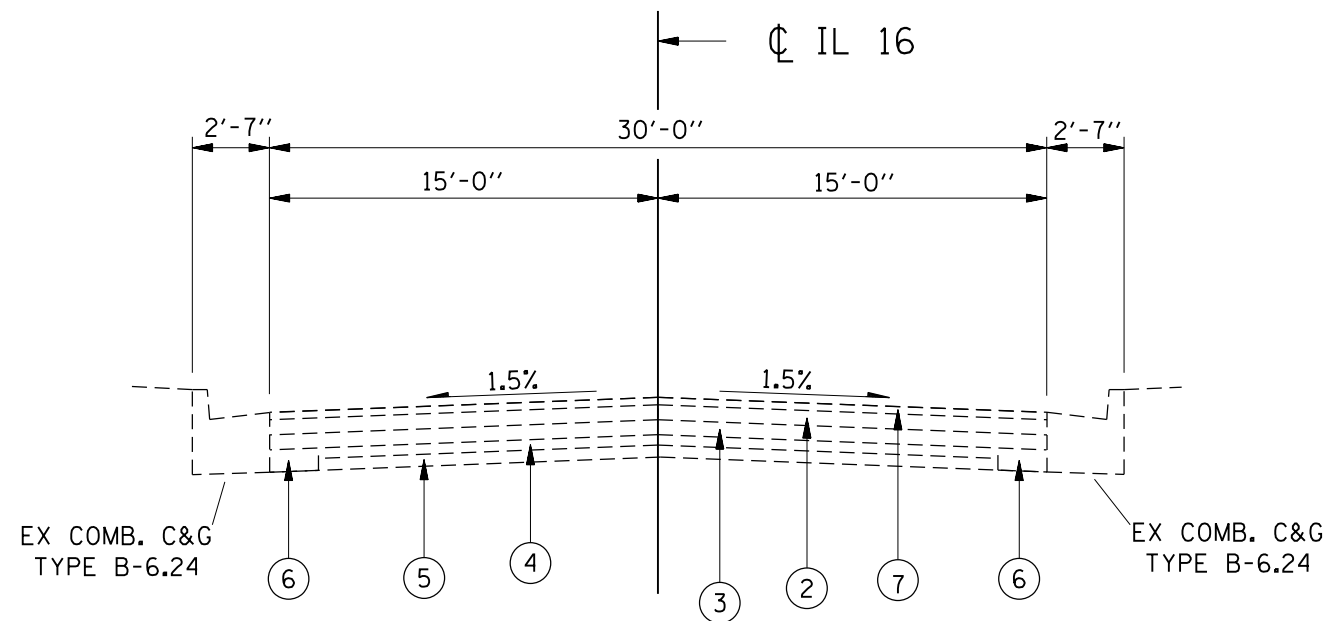
# LEGEND

- ① EX INCIDENTAL HMA SURFACING, 2"
- ② EX BIT CONC SURFACE, 5.5"
- ③ EX BRICK SURFACE, 4"
- ④ EX BRICK SURFACE, 4"
- ⑤ EX CONCRETE BASE, 4"
- ⑥ EX CONCRETE BASE, 8"
- ⑦ EX HMA SURFACE MIX "D" N70, 2"



## TYPICAL SECTION #1

STA 9+65 TO STA 9+90



## TYPICAL SECTION #2

STA 28+63.13 TO STA 33+91.10

FILE NAME =	USER NAME = jackca	DESIGNED -	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>TYPICAL SECTIONS IL 16 &amp; WOOD ST</b>			F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
pwz\planroom.dot.illinois.gov\PWIDOT\Documents\DOT Offices\District 6\Projects\672L84\CADData\CADs\Drawn\84-shr-typical.dgn								SCALE:			(104)SW-1,TS(105)SW-1,TS-1	MONTGOMERY
PLOT SCALE = 6.4198' / in.					SHEET 1 OF 1 SHEETS			CONTRACT NO. 72L84				
PLOT DATE = 10/19/2020					STA. TO STA.			ILLINOIS FED. AID PROJECT				



BENCHMARK ELEVATIONS IN FEET  
NAVD 1988 DATUM

BM 1: CHSLD "X" ON TOP FLANGE BOLT OF F.H. AT S.E. CORNER OF S. MAIN ST./ PLEASANT ST., STA. 40+39.35 AT 32.0' LT (SBI 127 BK 65) ELEV 627.488

BM 206: CHSLD [] IN NORTHERLY CORNER OF OLD 4'X4' CONC SIGN FOUNDATION, AT S.E. QUAD OF IL 16/IL127 AND IN N.W. CORNER OF MOTO MART GAS STATION PARKING LOT, STA 44+11.5 AT 44.5' RT (SBI 127 BK 54) ELEV 625.971

BM WS-1: LARGE SQUARE NAIL IN POWER POLE S.E. CORNER OF IL16/ROUNTREE, AT HILLSBORO LAUNDRY MAT, STA 49+59.7 AT 23.6' RT (SBI 16 BK 119) ELEV 617.054

BM 3: CHSLD "X" ON N.W. BOLT TO F.H. AT N.E. CORNER OF IL 127/ TREMONT ST. (SBI 127 BK 65) ELEV 629.714 @ STA 3+56.5; 31.8' LT

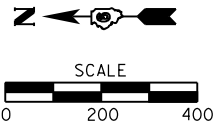
BM 4: CHSLD [] ON N.W. CORNER OF TRAFFIC SIGNAL BOX, S.E. QUAD OF IL 127/ E. FAIRGROUND AVE., (SBI 127 BK 65) ELEV 605.812 @ STA 16+76.6; 38.9' LT

BM 5: CHSLD "X" ON N.W. BOLT TO F.H. AT N.E. CORNER OF IL 127/ HILLTOP DR. (SBI 127 BK 65) ELEV 618.041 @ STA 33+16.7; 43.6' LT

BM ZP1: CHSLD "X" IN N. FLANGE BOLT OF FIRE HYDRANT LOCATED IN N.W. CORNER OF IL 16/127 AND WATER ST ELEV 627.305 @ STA 25+11.0; 21.7' RT

ALIGNMENT	STATION	NORTHING	EASTING
SCHOOL ST.	43+57.01	907,147.46	2,487,479.06
	50+00.00	907,156.52	2,488,121.98
A003	9+92.03	909,734.33	2,486,474.13
	19+33.50	909,127.85	2,487,194.24
	27+87.53	908,273.93	2,487,207.82
PC	33+39.87	907,721.63	2,487,214.53
PI	33+66.47	907,695.04	2,487,214.85
PCC	33+88.09	907,682.07	2,487,238.07
PI	34+10.28	907,671.26	2,487,257.44
PT	34+31.43	907,671.69	2,487,279.63
	34+67.86	907,672.39	2,487,316.05
	36+23.66	907,675.41	2,487,471.82
	41+51.66	907,147.46	2,487,479.06

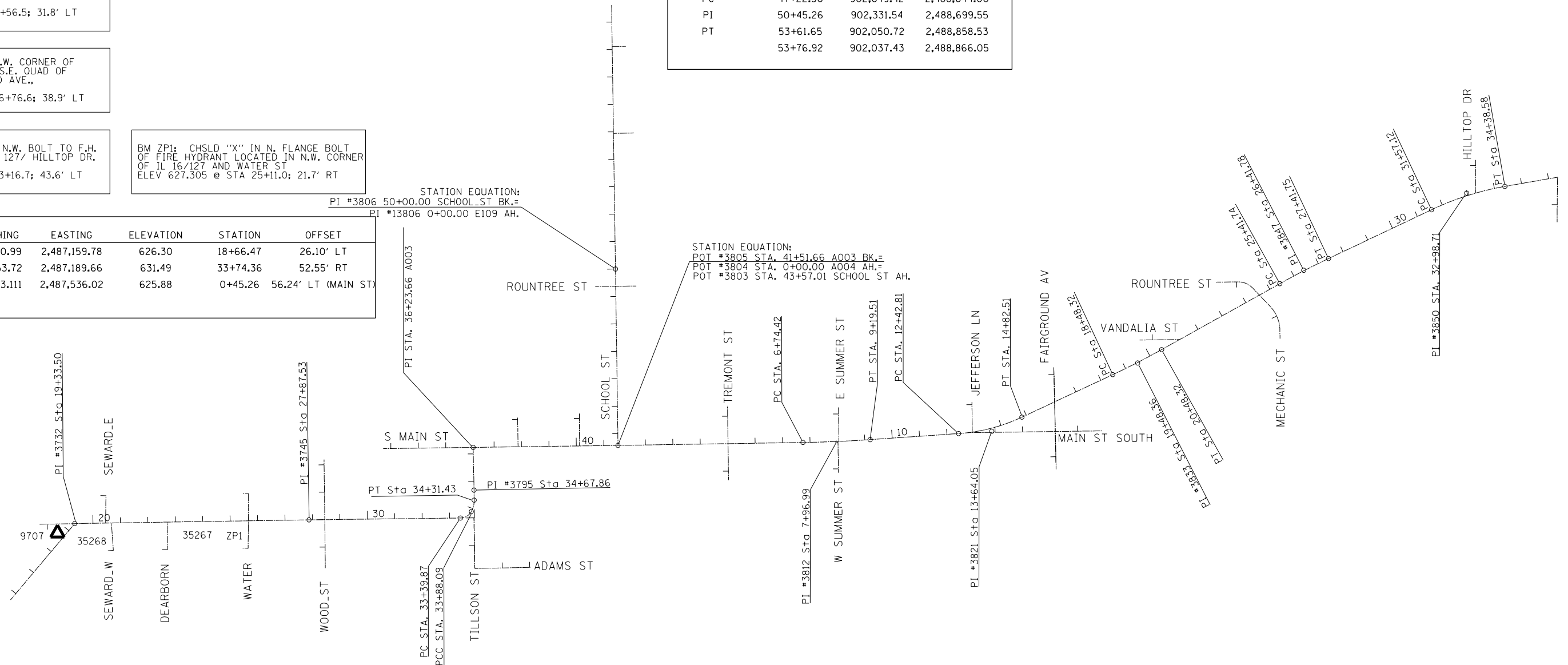
ALIGNMENT	STATION	NORTHING	EASTING
A004	0+00.00	907,147.46	2,487,479.06
PC	6+74.42	906,473.13	2,487,489.86
PI	7+96.99	906,350.57	2,487,491.82
PT	9+19.51	906,228.28	2,487,500.19
PC	12+42.81	905,905.73	2,487,522.26
PI	13+64.05	905,784.78	2,487,530.53
PT	14+82.51	905,674.99	2,487,581.93
PC	18+48.32	905,343.68	2,487,737.01
PI	19+48.36	905,253.07	2,487,779.43
PT	20+48.32	905,165.70	2,487,828.16
PC	25+41.74	904,734.78	2,488,068.52
PI	26+41.78	904,647.42	2,488,117.26
PT	27+41.75	904,557.01	2,488,160.10
PC	31+57.12	904,181.65	2,488,337.98
PI	32+98.71	904,053.71	2,488,398.61
PT	34+38.58	903,914.24	2,488,422.99
PC	47+22.56	902,649.42	2,488,644.00
PI	50+45.26	902,331.54	2,488,699.55
PT	53+61.65	902,050.72	2,488,858.53
	53+76.92	902,037.43	2,488,866.05



CONTROL POINT	NORTHING	EASTING	ELEVATION	STATION	OFFSET
9707	909,190.99	2,487,159.78	626.30	18+66.47	26.10' LT
25019	907,653.72	2,487,189.66	631.49	33+74.36	52.55' RT
60002	907,103.111	2,487,536.02	625.88	0+45.26	56.24' LT (MAIN ST)

STATION EQUATION:  
PI #3806 50+00.00 SCHOOL ST BK.=  
PI #13806 0+00.00 E109 AH.

STATION EQUATION:  
POT #3805 STA. 41+51.66 A003 BK.=  
POT #3804 STA. 0+00.00 A004 AH.=  
POT #3803 STA. 43+57.01 SCHOOL ST AH.



FILE NAME =	USER NAME = jackca	DESIGNED - RJC	REVISED -
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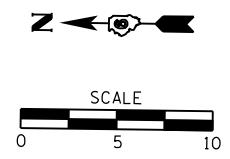
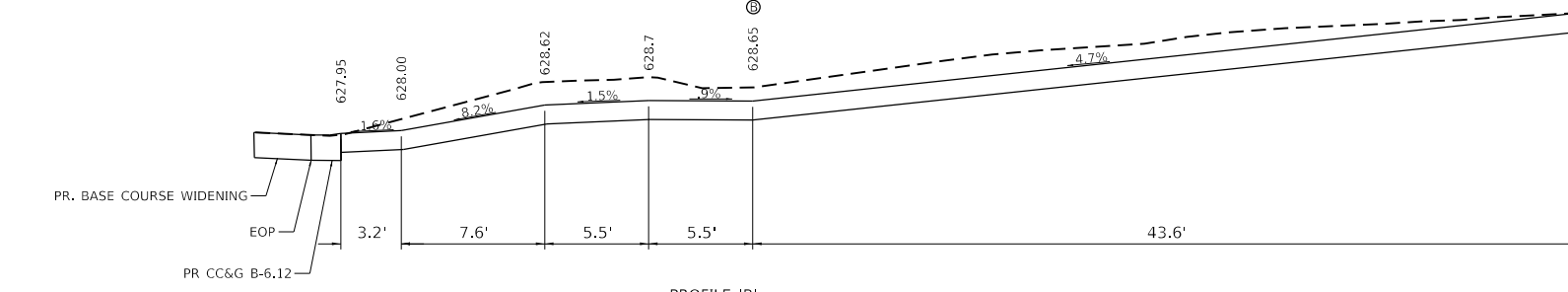
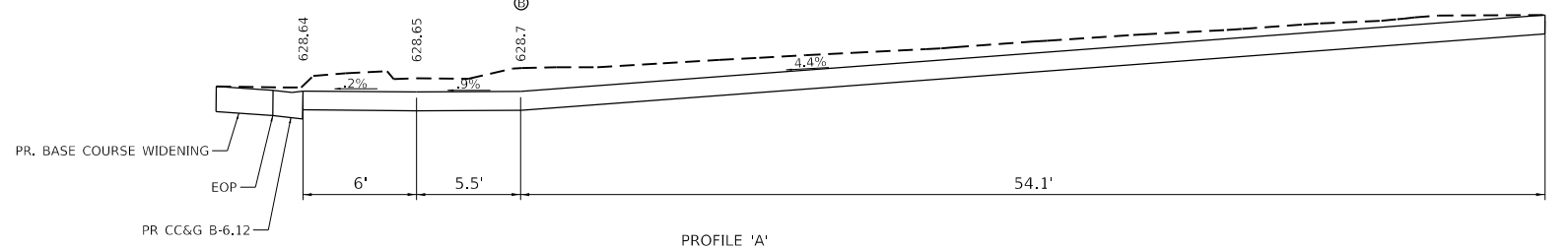
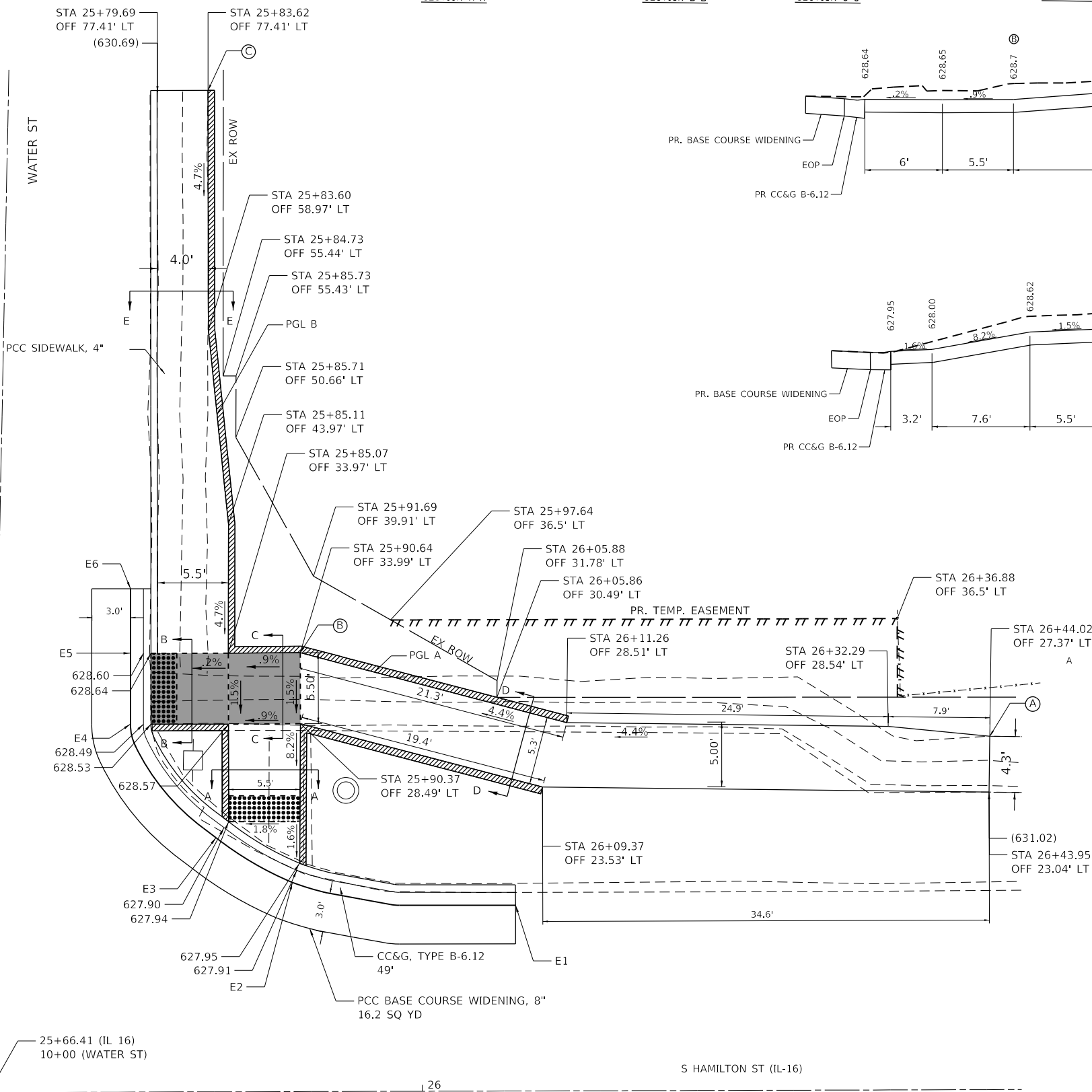
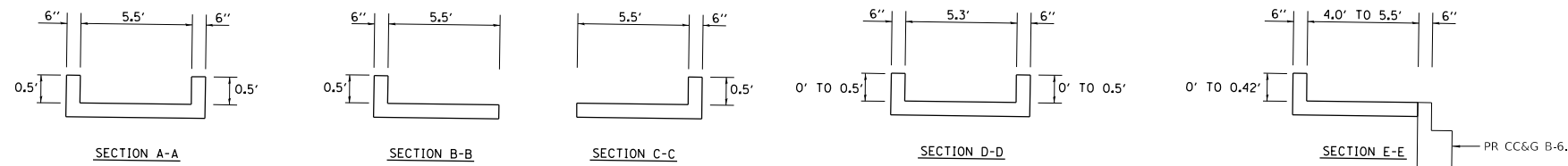
STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

ALIGNMENT & STREET LAYOUT LOCATION

SCALE: 1" = 200' SHEET 1 OF 1 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	(104)SW-1,TS(105)SW-1,TS-1	MONTGOMERY	052	017
CONTRACT NO. 72L84				
ILLINOIS FED. AID PROJECT				

STANDARD 424001-11:  
PERPENDICULAR CURB RAMP FOR SIDEWALKS



EOP ELEVATIONS SE QUAD IL 16 / WATER ST.			
POINT	STATION	OFFSET	ELEVATION
E1	25+95.25	14.9' LT	(628.25)
E2	25+89.99	16.19' LT	(627.92)
E3	25+84.08	19.67' LT	627.91
E4	25+77.48	28.49' LT	628.51
E5	25+77.50	33.98' LT	628.65
E6	25+77.51	38.97' LT	(629.07)

**LEGEND**

- DETECTABLE WARNINGS
- TURNING SPACE
- EXISTING ELEVATION
- SIDE CURB (0" < HEIGHT ≤ 9")
- TYPE B CURB SPL (9" < HEIGHT ≤ 18")
- CONCRETE STRUCTURES SPECIAL (RETAINING WALL (HEIGHT > 18"))

- NOTES:**
1. MATCH PROPOSED CURB & GUTTER TO EXISTING CURB AND GUTTER AT THE APPROXIMATE LOCATIONS SHOWN ON THE DRAWING. SAW CUT FULL-DEPTH FOR REMOVAL OF CURB AND GUTTER.
  2. MATCH PROPOSED SIDEWALK TO THE EXISTING SIDEWALK AT AN EXISTING JOINT. SAW CUT FULL-DEPTH FOR REMOVAL OF SIDEWALK.
  3. SEE IDOT STD. 424001 FOR DETAILS OF PERPENDICULAR CURB RAMP FOR SIDEWALKS.
  4. STA.'S & OFFSETS ARE FROM IL RT. 16 ~
  5. ELEVATIONS SHOWN ARE TO THE TOP OF SIDEWALK UNLESS OTHERWISE NOTED.
  6. THE CONTRACTOR SHALL VERIFY EXISTING FIELD CONDITIONS PRIOR TO THE CONSTRUCTION OF ANY RAMP OR SIDEWALK. ANY ADJUSTMENTS NECESSARY TO MEET EXISTING FIELD CONDITIONS SHALL BE APPROVED BY THE ENGINEER PRIOR TO CONSTRUCTION.

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 USER: ...  
 DATE: ...

USER NAME	= jackca	DESIGNED	-	REVISED	-
DRAWN	-	REVISIONS	-		
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**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

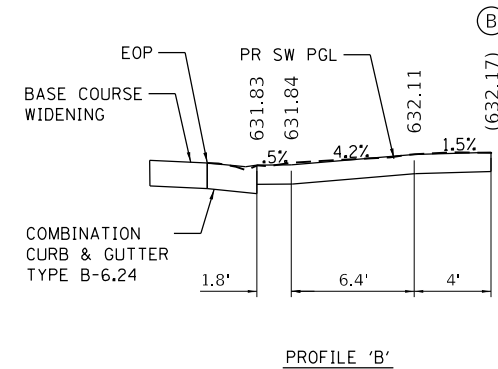
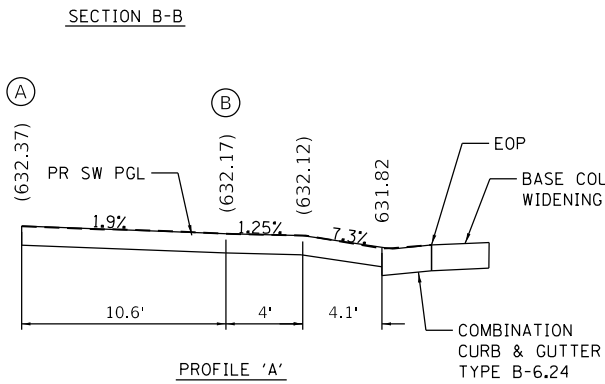
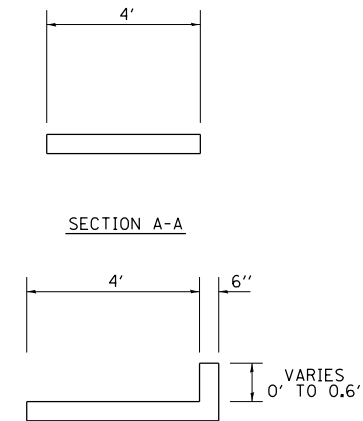
SIDEWALK DETAILS SE QUAD: IL 16 & WATER ST.			
SCALE:	SHEET 1	OF 8 SHEETS	STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
-	(104)SW-1,TS(105)SW-1,TS-1	MONTGOMERY	052	018

CONTRACT NO. 72L84  
ILLINOIS FED. AID PROJECT

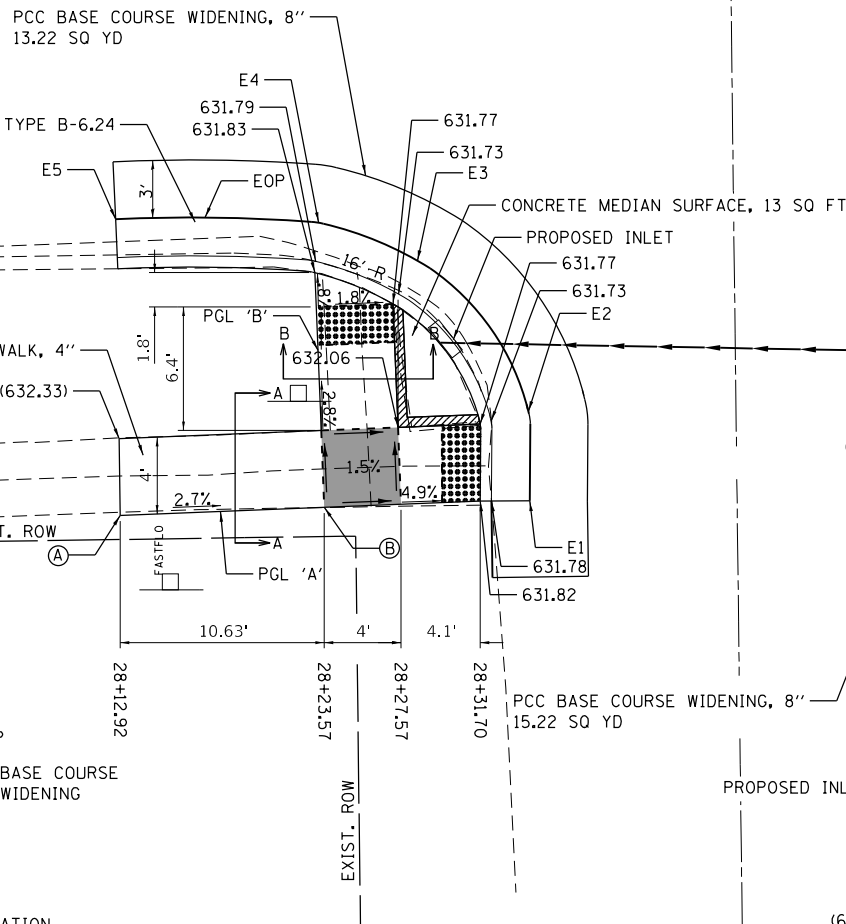
\*325, 42A (IL 16, 127)

STANDARD 424001-11:  
PERPENDICULAR CURB RAMP FOR SIDEWALKS  
STANDARD 424006-04:  
DIAGONAL CURB RAMP FOR SIDEWALKS

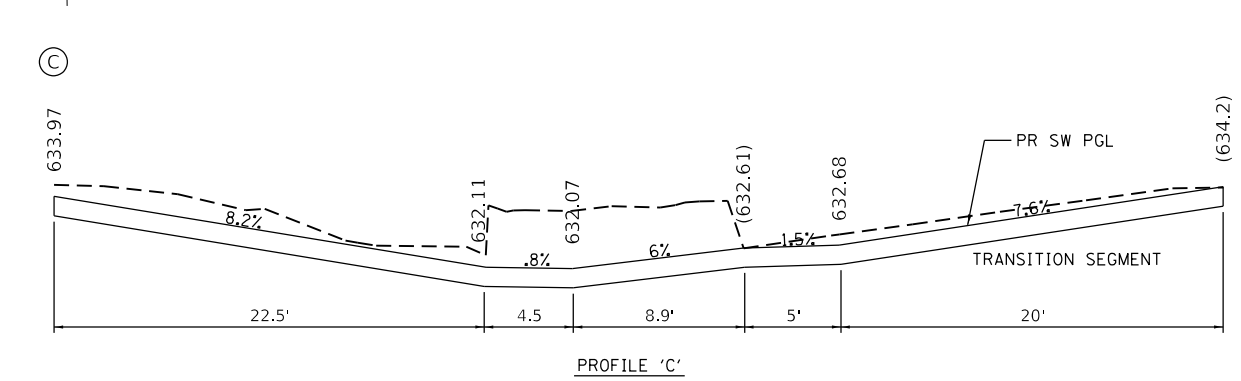
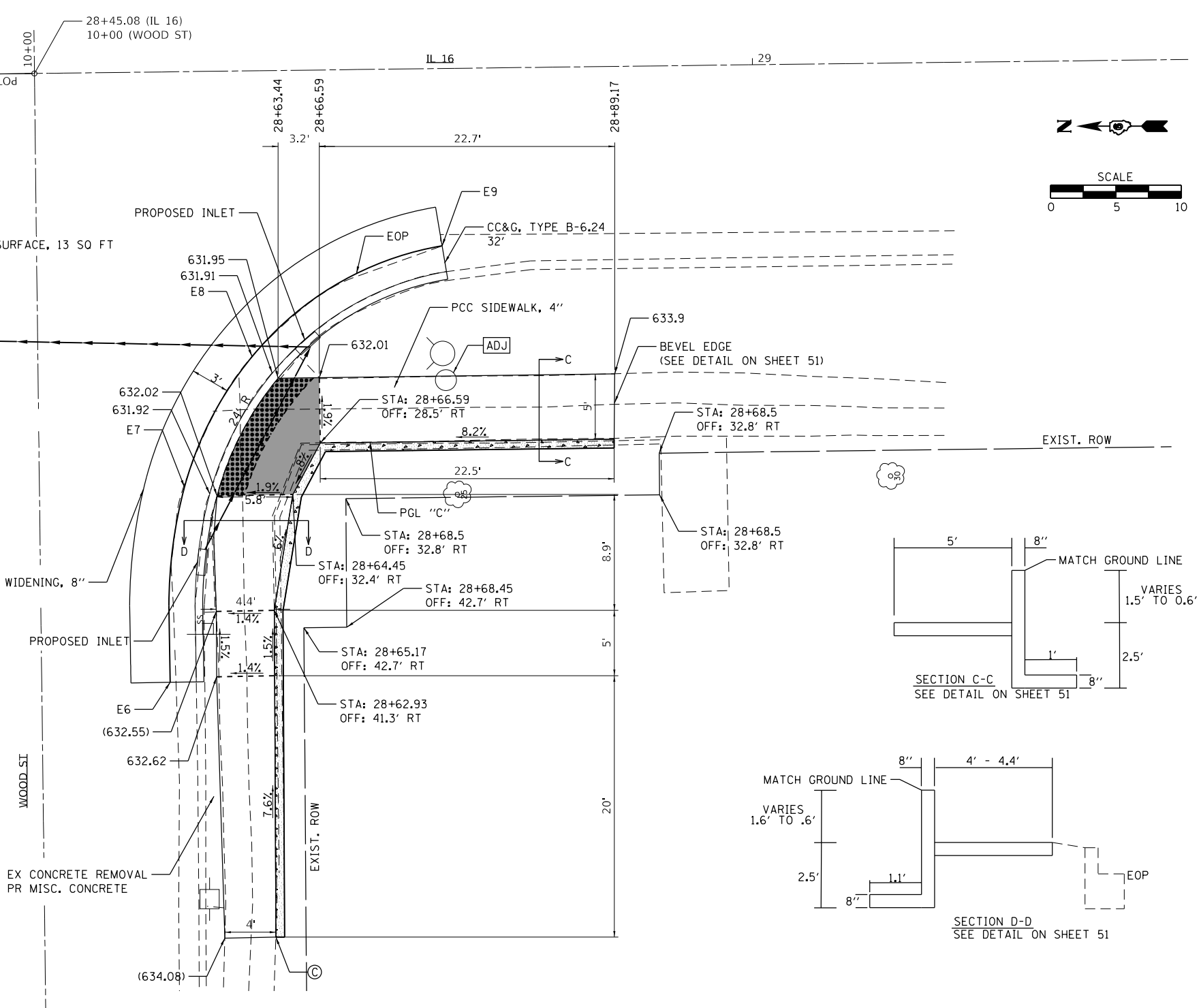


**LEGEND**

- DETECTABLE WARNINGS
- TURNING SPACE
- ( ) EXISTING ELEVATION
- SIDE CURB (0" < HEIGHT ≤ 9")
- TYPE B CURB SPL (9" < HEIGHT ≤ 18")
- CONCRETE STRUCTURES SPECIAL (RETAINING WALL (HEIGHT > 18"))



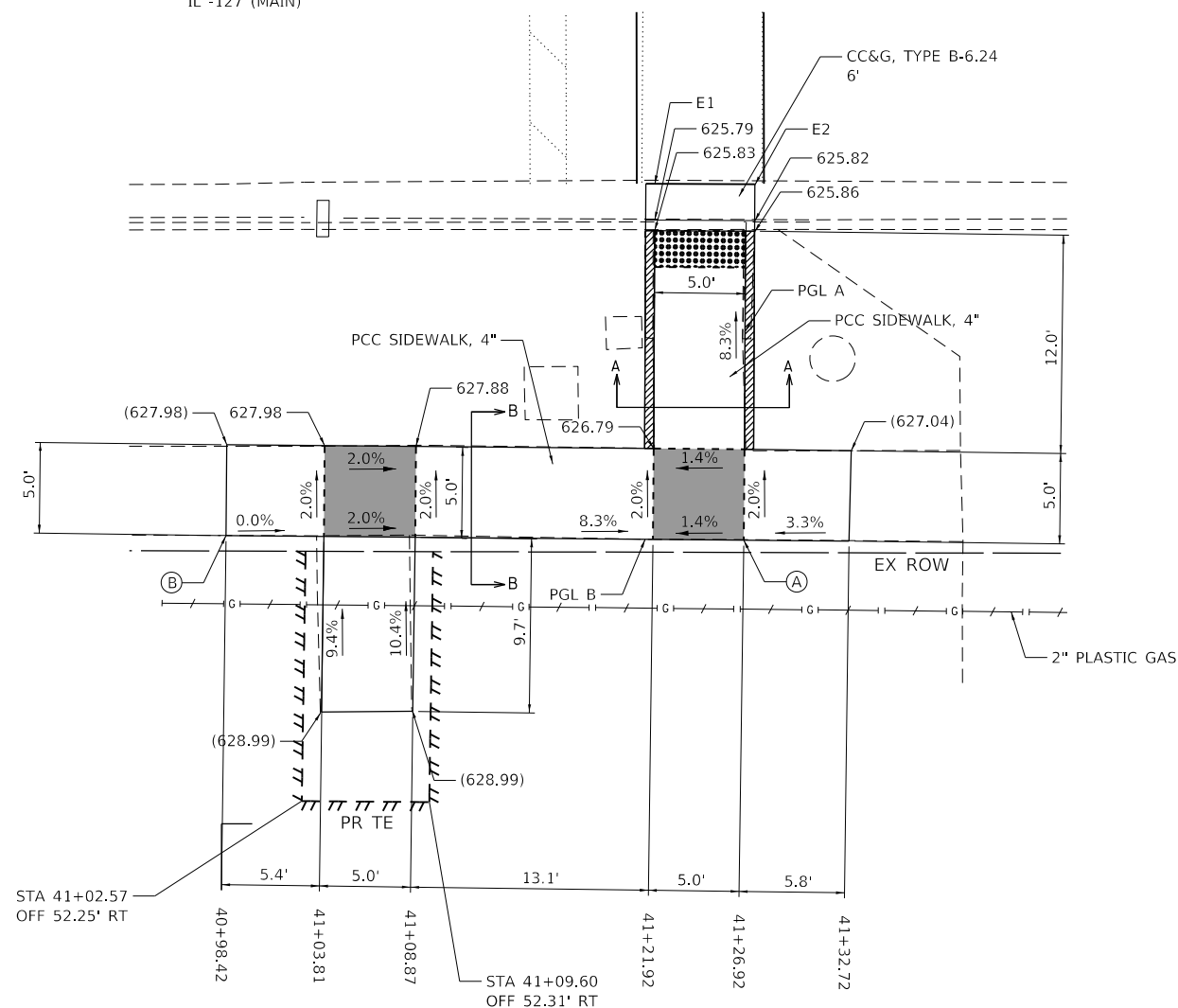
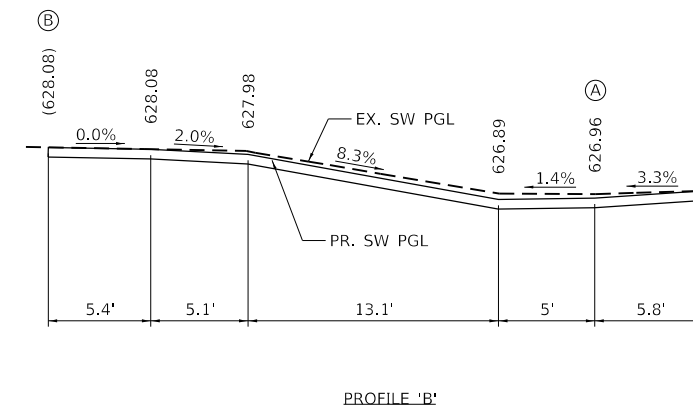
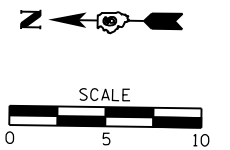
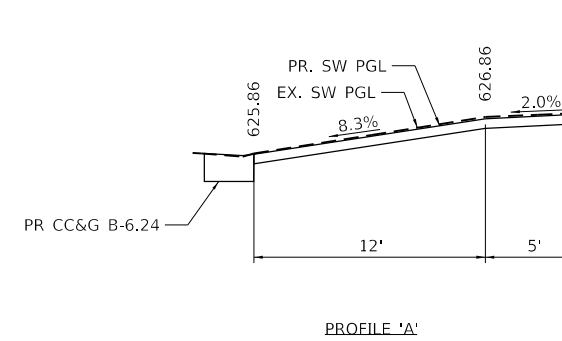
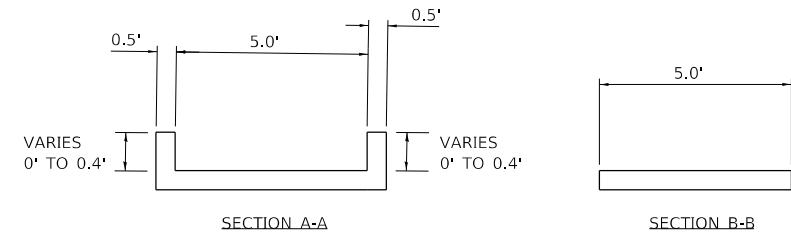
EOP ELEVATIONS SE QUAD			
IL 16 / WOOD ST.			
POINT	STATION	OFFSET	ELEVATION
E1	28+34.28	28.35' RT	(631.88)
E2	28+34.26	23.71' RT	631.83
E3	28+28.58	15.79' RT	631.83
E4	28+23.45	13.74' RT	(631.89)
E5	28+12.87	13.43' RT	(631.82)
E6	28+54.90	46.69' RT	(632.05)
E7	28+56.17	31.78' RT	632.02
E8	28+61.47	21.86' RT	631.98
E9	28+76.09	13.56' RT	(632.29)



- NOTES:**
- MATCH PROPOSED SIDEWALK TO THE EXISTING SIDEWALK AT AN EXISTING JOINT.
  - STA.'S & OFFSETS ARE FROM IL RT. 16 CL (UNLESS OTHERWISE NOTED)
  - ELEVATIONS SHOWN ARE TO THE TOP OF SIDEWALK UNLESS OTHERWISE NOTED.
  - THE CONTRACTOR SHALL VERIFY EXISTING FIELD CONDITIONS PRIOR TO THE CONSTRUCTION OF ANY RAMP OR SIDEWALK. ANY ADJUSTMENTS NECESSARY TO MEET EXISTING FIELD CONDITIONS SHALL BE APPROVED BY THE ENGINEER PRIOR TO CONSTRUCTION.

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STANDARD 424001-11:  
PERPENDICULAR CURB RAMP FOR SIDEWALKS



EOP ELEVATIONS NW QUAD			
IL 127 (MAIN) / SCHOOL ST.			
POINT	STATION	OFFSET	ELEVATION
E1	41+22.04	18.29' RT	(625.83)
E2	41+27.04	18.29' RT	(625.86)

LEGEND	
	DETECTABLE WARNINGS
	TURNING SPACE
	EXISTING ELEVATION
	SIDE CURB (0" < HEIGHT ≤ 9")
	TYPE B CURB SPL (9" < HEIGHT ≤ 18")
	CONCRETE STRUCTURES SPECIAL (RETAINING WALL (HEIGHT > 18"))

NOTES:

- MATCH PROPOSED CURB & GUTTER TO EXISTING CURB AND GUTTER AT THE APPROXIMATE LOCATIONS SHOWN ON THE DRAWING. SAW CUT FULL-DEPTH FOR REMOVAL OF CURB AND GUTTER.
- MATCH PROPOSED SIDEWALK TO THE EXISTING SIDEWALK AT AN EXISTING JOINT. SAW CUT FULL-DEPTH FOR REMOVAL OF SIDEWALK.
- SEE IDOT STD. 424001 FOR DETAILS OF PARALLEL CURB RAMP FOR SIDEWALKS.
- STA.'S & OFFSETS ARE FROM IL RT. 127 ~
- ELEVATIONS SHOWN ARE TO THE TOP OF SIDEWALK UNLESS OTHERWISE NOTED.
- THE CONTRACTOR SHALL VERIFY EXISTING FIELD CONDITIONS PRIOR TO THE CONSTRUCTION OF ANY RAMP OR SIDEWALK. ANY ADJUSTMENTS NECESSARY TO MEET EXISTING FIELD CONDITIONS SHALL BE APPROVED BY THE ENGINEER PRIOR TO CONSTRUCTION.

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	DRAWN -	REVISED -
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PLOT DATE = 10/19/2020	DATE -	REVISED -

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

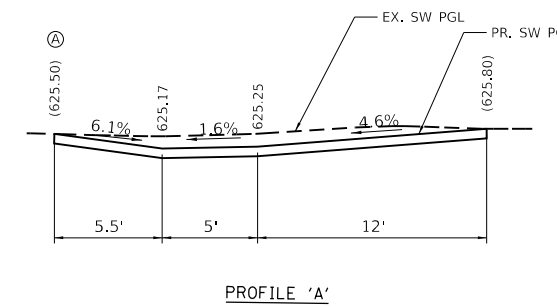
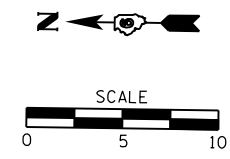
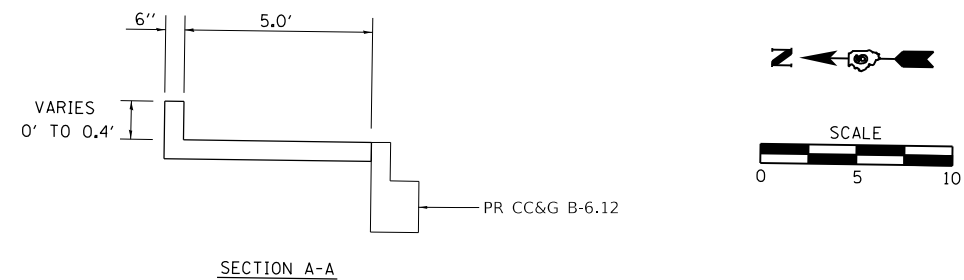
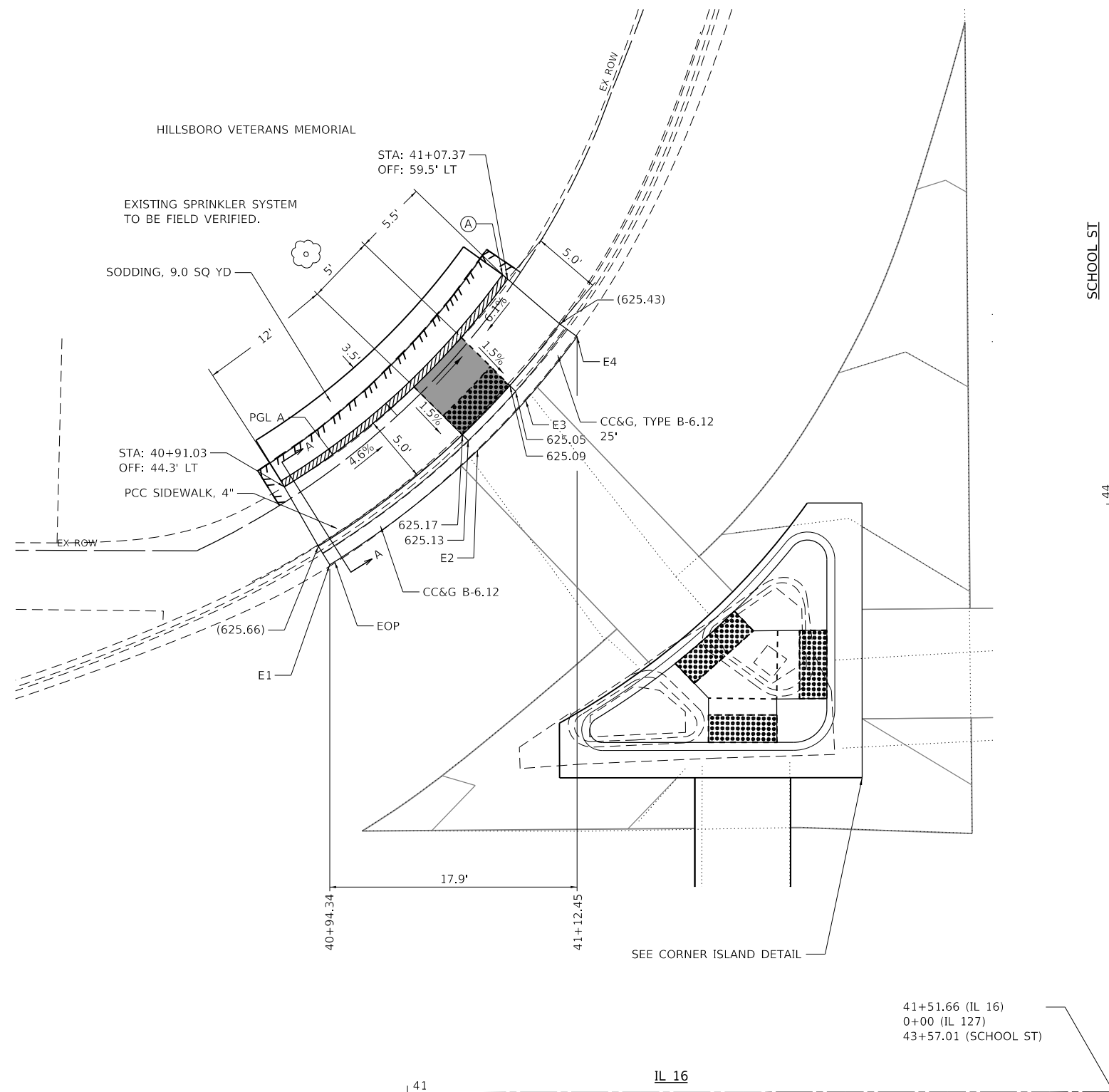
SIDEWALK DETAILS  
NW QUAD: IL 127 & SCHOOL ST.

SCALE: SHEET 3 OF 8 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1	(104)SW-1,TS(105)SW-1,TS-1	MONTGOMERY	052	020
			CONTRACT NO. 72L84	

\*325, 42A (IL 16, 127)

STANDARD 424011-04:  
CORNER PARALLEL CURB RAMP FOR SIDEWALKS



EOP ELEVATIONS NE QUAD IL 127 (MAIN) / SCHOOL ST.			
POINT	STATION	OFFSET	ELEVATION
E1	40+94.34	38.60' LT	(625.28)
E2	41+05.17	46.95' LT	(625.18)
E3	41+08.69	50.61' LT	(625.10)
E4	41+12.45	55.27' LT	(624.99)

LEGEND	
	DETECTABLE WARNINGS
	TURNING SPACE
	EXISTING ELEVATION
	SIDE CURB (0" < HEIGHT ≤ 9")
	TYPE B CURB SPL (9" < HEIGHT ≤ 18")
	CONCRETE STRUCTURES SPECIAL (RETAINING WALL (HEIGHT > 18"))

- NOTES:
- MATCH PROPOSED CURB & GUTTER TO EXISTING CURB AND GUTTER AT THE APPROXIMATE LOCATIONS SHOWN ON THE DRAWING. SAW CUT FULL-DEPTH FOR REMOVAL OF CURB AND GUTTER.
  - MATCH PROPOSED SIDEWALK TO THE EXISTING SIDEWALK AT AN EXISTING JOINT. SAW CUT FULL-DEPTH FOR REMOVAL OF SIDEWALK.
  - SEE IDOT STD. 424011 FOR DETAILS OF PARALLEL CURB RAMP FOR SIDEWALKS.
  - STA.'S & OFFSETS ARE FROM IL RT. 127 ~
  - ELEVATIONS SHOWN ARE TO THE TOP OF SIDEWALK UNLESS OTHERWISE NOTED.
  - THE CONTRACTOR SHALL VERIFY EXISTING FIELD CONDITIONS PRIOR TO THE CONSTRUCTION OF ANY RAMP OR SIDEWALK. ANY ADJUSTMENTS NECESSARY TO MEET EXISTING FIELD CONDITIONS SHALL BE APPROVED BY THE ENGINEER PRIOR TO CONSTRUCTION.

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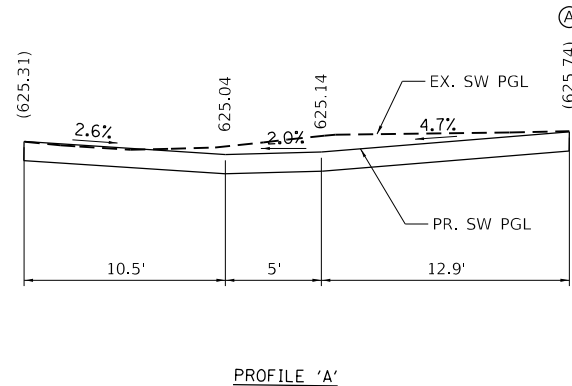
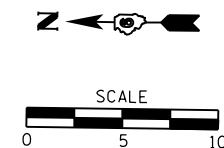
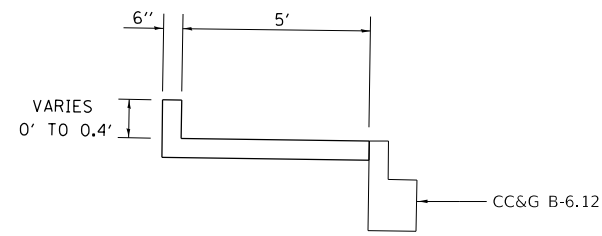
**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

SIDEWALK DETAILS NE QUAD: IL 127 & SCHOOL ST.			
SCALE:	SHEET 4	OF 8 SHEETS	STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	(104)SW-1,TS(105)SW-1,TS-1	MONTGOMERY	052	021
CONTRACT NO. 72L84			ILLINOIS FED. AID PROJECT	

\*325, 42A (IL 16, 127)

STANDARD 424011-04:  
CORNER PARALLEL CURB RAMP FOR SIDEWALKS



EOP ELEVATIONS SE QUAD IL 127 (MAIN) / SCHOOL ST.			
POINT	STATION	OFFSET	ELEVATION
E1	0+31.73	59.59' LT	(624.82)
E2	0+38.81	50.47' LT	(624.98)
E3	0+42.42	46.84' LT	(625.08)
E4	0+53.74	38.41' LT	(625.74)

LEGEND	
	DETECTABLE WARNINGS
	TURNING SPACE
	EXISTING ELEVATION
	SIDE CURB (0" < HEIGHT ≤ 9")
	TYPE B CURB SPL (9" < HEIGHT ≤ 18")
	CONCRETE STRUCTURES SPECIAL (RETAINING WALL (HEIGHT > 18"))

NOTES:

- MATCH PROPOSED CURB & GUTTER TO EXISTING CURB AND GUTTER AT THE APPROXIMATE LOCATIONS SHOWN ON THE DRAWING. SAW CUT FULL-DEPTH FOR REMOVAL OF CURB AND GUTTER.
- MATCH PROPOSED SIDEWALK TO THE EXISTING SIDEWALK AT AN EXISTING JOINT. SAW CUT FULL-DEPTH FOR REMOVAL OF SIDEWALK.
- SEE IDOT STD. 424011 FOR DETAILS OF PARALLEL CURB RAMP FOR SIDEWALKS.
- STA.'S & OFFSETS ARE FROM IL RT. 127 ~
- ELEVATIONS SHOWN ARE TO THE TOP OF SIDEWALK UNLESS OTHERWISE NOTED.
- THE CONTRACTOR SHALL VERIFY EXISTING FIELD CONDITIONS PRIOR TO THE CONSTRUCTION OF ANY RAMP OR SIDEWALK. ANY ADJUSTMENTS NECESSARY TO MEET EXISTING FIELD CONDITIONS SHALL BE APPROVED BY THE ENGINEER PRIOR TO CONSTRUCTION.

SCHOOL ST.

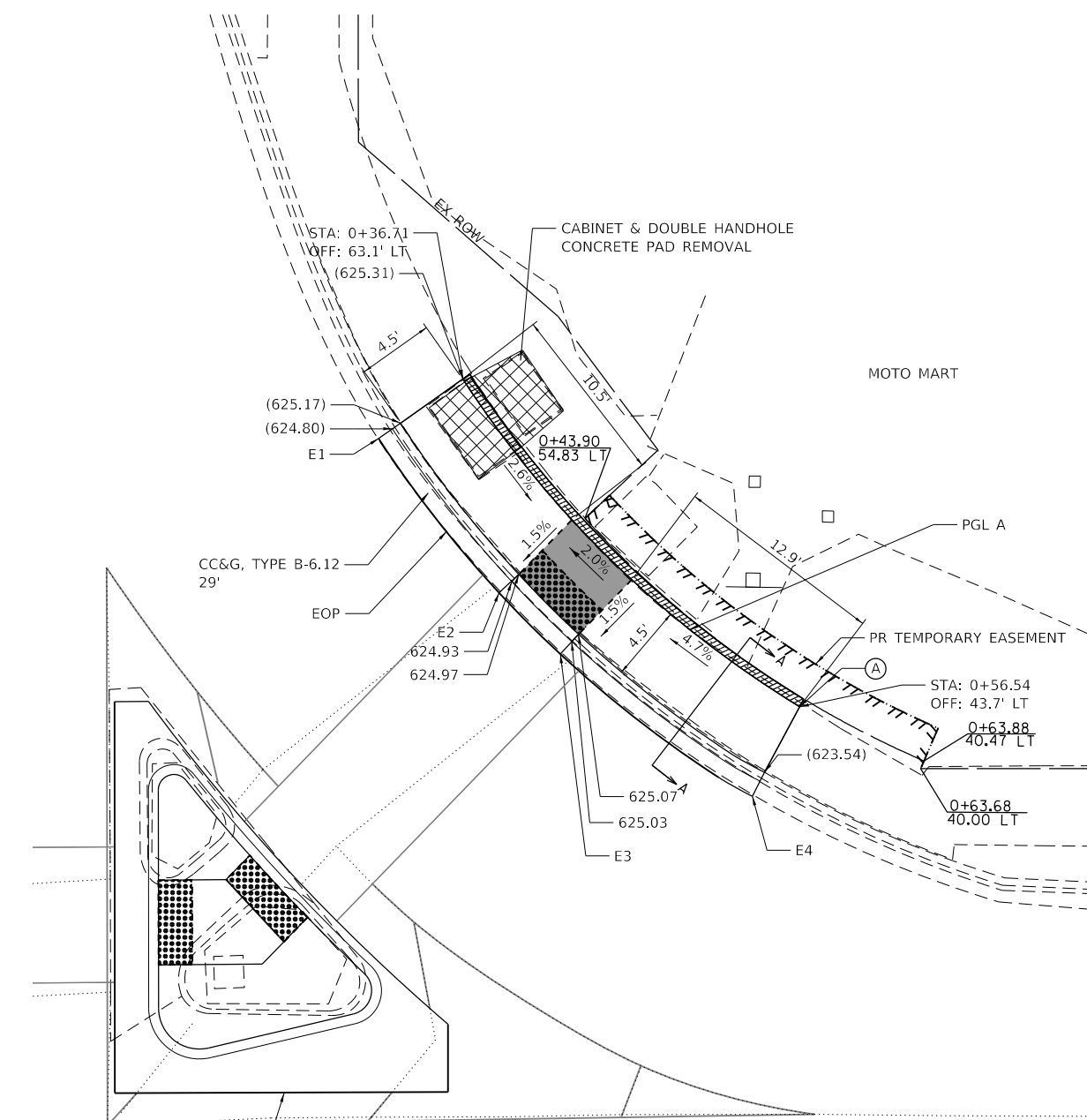
1.44

POT Sta 0+00.106

41+51.66 (IL 16)  
0+00 (IL 127)  
43+57.01 (SCHOOL ST)

SEE CORNER ISLAND DETAIL

IL 127



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STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

SCALE: _____		SHEET 5 OF 8 SHEETS	STA. _____ TO STA. _____
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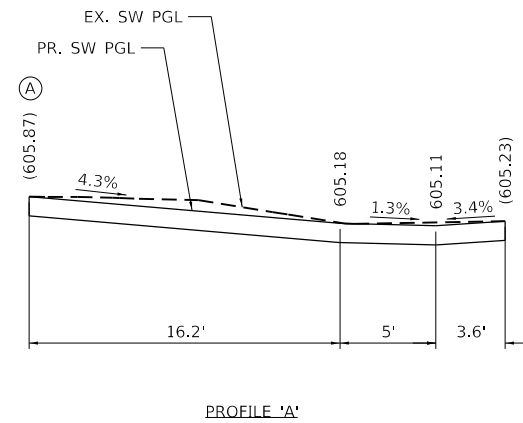
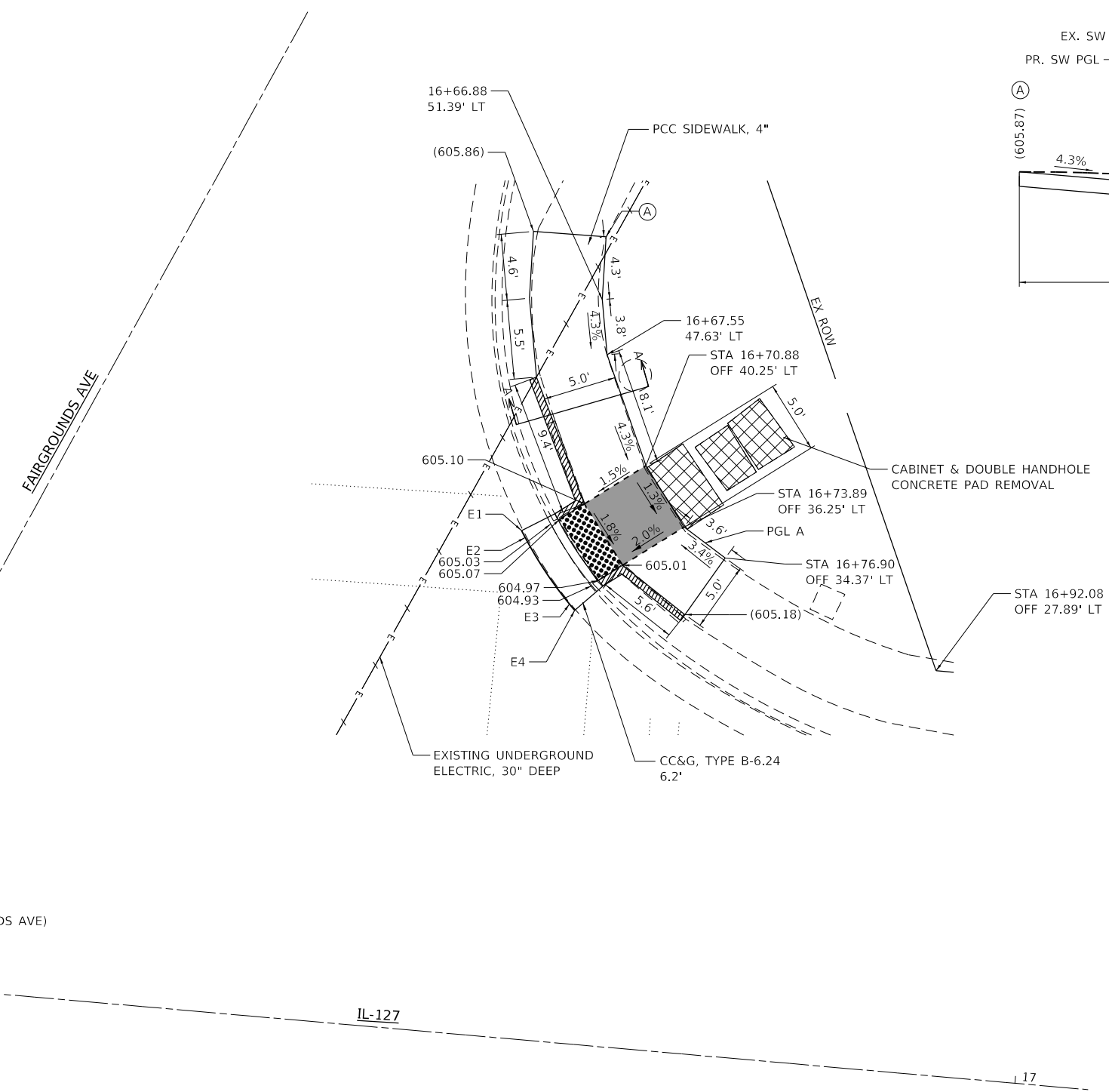
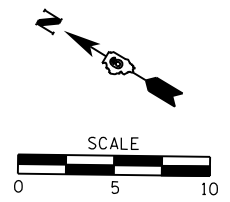
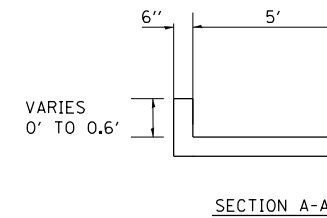
SIDEWALK DETAILS  
SE QUAD: IL 127 & SCHOOL ST.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
104	(104)SW-1.TS(105)SW-1.TS-1	MONTGOMERY	052	022
			CONTRACT NO. 72L84	
ILLINOIS FED. AID PROJECT				

325.42A (IL 16, 127)



STANDARD 424011-04:  
PARALLEL CURB RAMP FOR SIDEWALKS



EOP ELEVATIONS SE QUAD			
IL 127 (MAIN) / FAIRGROUNDS AVE.			
POINT	STATION	OFFSET	ELEVATION
E1	16+62.72	35.03' LT	(605.16)
E2	16+63.01	34.57' LT	(605.14)
E3	16+66.47	30.26' LT	(604.96)
E4	16+66.86	29.86' LT	(604.95)

LEGEND	
	DETECTABLE WARNINGS
	TURNING SPACE
	EXISTING ELEVATION
	SIDE CURB (0" < HEIGHT ≤ 9")
	TYPE B CURB SPL (9" < HEIGHT ≤ 18")
	CONCRETE STRUCTURES SPECIAL (RETAINING WALL (HEIGHT > 18"))

- NOTES:
1. MATCH PROPOSED CURB & GUTTER TO EXISTING CURB AND GUTTER AT THE APPROXIMATE LOCATIONS SHOWN ON THE DRAWING. SAW CUT FULL-DEPTH FOR REMOVAL OF CURB AND GUTTER.
  2. MATCH PROPOSED SIDEWALK TO THE EXISTING SIDEWALK AT AN EXISTING JOINT. SAW CUT FULL-DEPTH FOR REMOVAL OF SIDEWALK.
  3. SEE IDOT STD. 424011 FOR DETAILS OF PARALLEL CURB RAMP FOR SIDEWALKS.
  4. STA.'S & OFFSETS ARE FROM IL RT. 127 ~
  5. ELEVATIONS SHOWN ARE TO THE TOP OF SIDEWALK UNLESS OTHERWISE NOTED.
  6. THE CONTRACTOR SHALL VERIFY EXISTING FIELD CONDITIONS PRIOR TO THE CONSTRUCTION OF ANY RAMP OR SIDEWALK. ANY ADJUSTMENTS NECESSARY TO MEET EXISTING FIELD CONDITIONS SHALL BE APPROVED BY THE ENGINEER PRIOR TO CONSTRUCTION.

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PLOT DATE = 10/19/2020	DATE -	REVISED -

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

SIDEWALK DETAILS			
SE QUAD: IL 127 & FAIRGROUNDS AVE.			
SCALE:	SHEET 7	OF 8 SHEETS	STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
-	(104)SW-1,TS(105)SW-1,TS-1	MONTGOMERY	052	024
			CONTRACT NO. 72L84	
ILLINOIS FED. AID PROJECT				

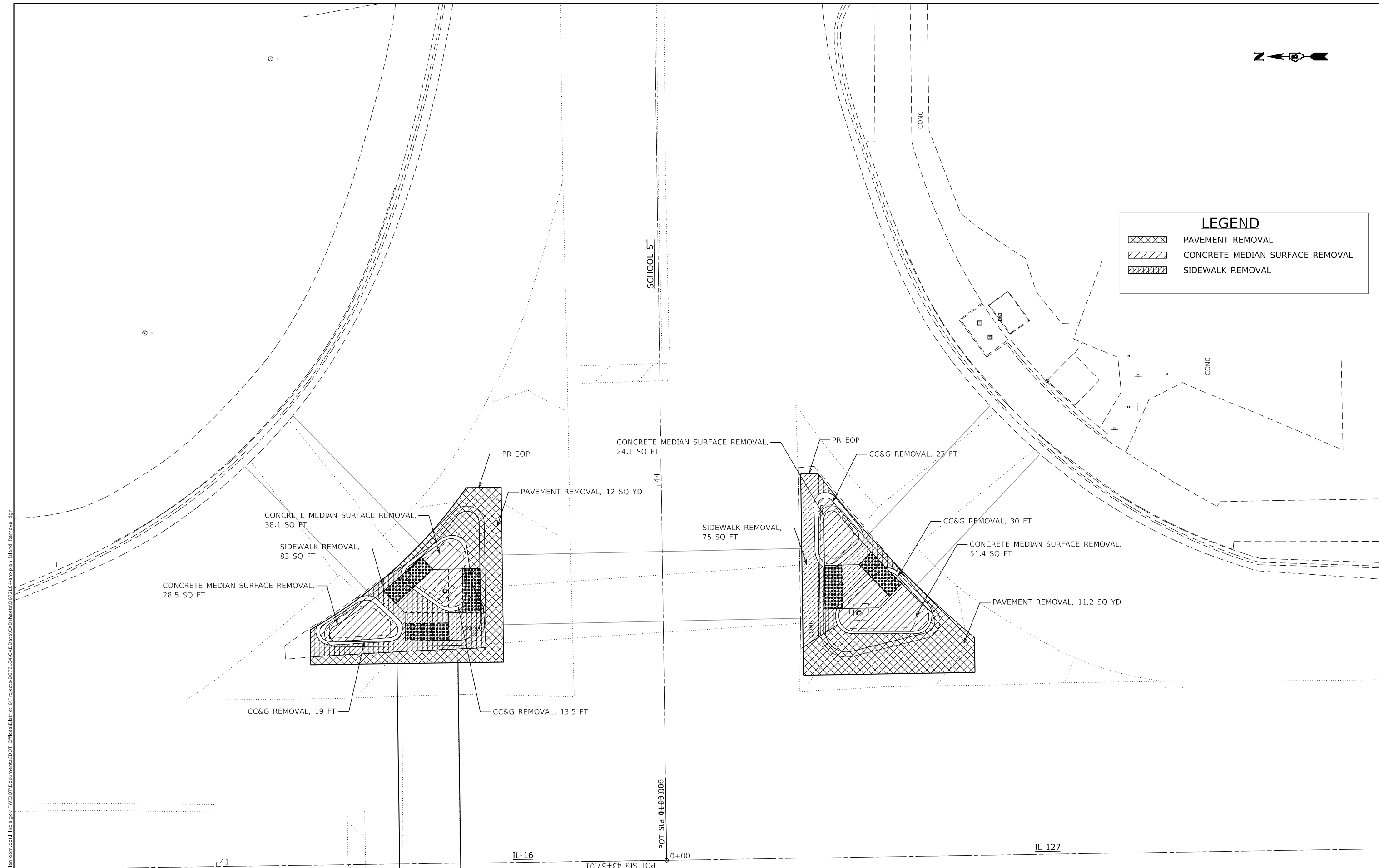
\*325, 42A (IL 16, 127)







LEGEND	
	PAVEMENT REMOVAL
	CONCRETE MEDIAN SURFACE REMOVAL
	SIDEWALK REMOVAL



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PLOT DATE = 10/19/2020	DATE -	REVISED -

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

**CORNER ISLAND REMOVAL DETAIL**  
**NE & SE QUAD: IL 127 & SCHOOL ST.**

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
-	(104)SW-1,TS(105)SW-1,TS-1	MONTGOMERY	052	026
				CONTRACT NO. 72L84
		ILLINOIS	FED. AID PROJECT	

SCALE: SHEET 1 OF 1 SHEETS STA. TO STA.

\*325, 42A (IL 16, 127)

STANDARD 424031-02:  
MEDIAN PEDESTRIAN CROSSINGS



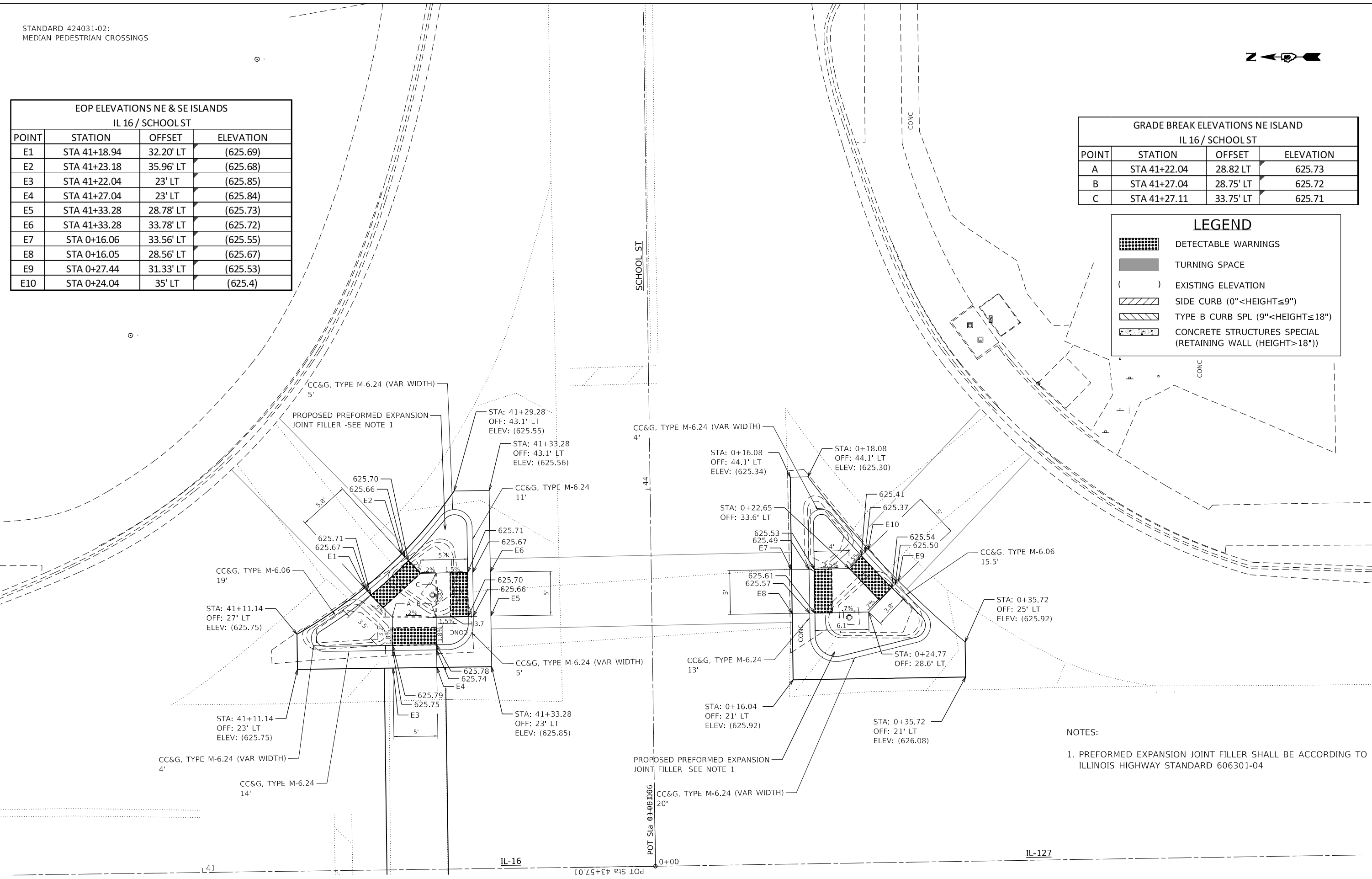
EOP ELEVATIONS NE & SE ISLANDS IL 16 / SCHOOL ST			
POINT	STATION	OFFSET	ELEVATION
E1	STA 41+18.94	32.20' LT	(625.69)
E2	STA 41+23.18	35.96' LT	(625.68)
E3	STA 41+22.04	23' LT	(625.85)
E4	STA 41+27.04	23' LT	(625.84)
E5	STA 41+33.28	28.78' LT	(625.73)
E6	STA 41+33.28	33.78' LT	(625.72)
E7	STA 0+16.06	33.56' LT	(625.55)
E8	STA 0+16.05	28.56' LT	(625.67)
E9	STA 0+27.44	31.33' LT	(625.53)
E10	STA 0+24.04	35' LT	(625.4)

GRADE BREAK ELEVATIONS NE ISLAND IL 16 / SCHOOL ST			
POINT	STATION	OFFSET	ELEVATION
A	STA 41+22.04	28.82' LT	625.73
B	STA 41+27.04	28.75' LT	625.72
C	STA 41+27.11	33.75' LT	625.71

**LEGEND**

- DETECTABLE WARNINGS
- TURNING SPACE
- EXISTING ELEVATION
- SIDE CURB (0" < HEIGHT <= 9")
- TYPE B CURB SPL (9" < HEIGHT <= 18")
- CONCRETE STRUCTURES SPECIAL (RETAINING WALL (HEIGHT > 18"))

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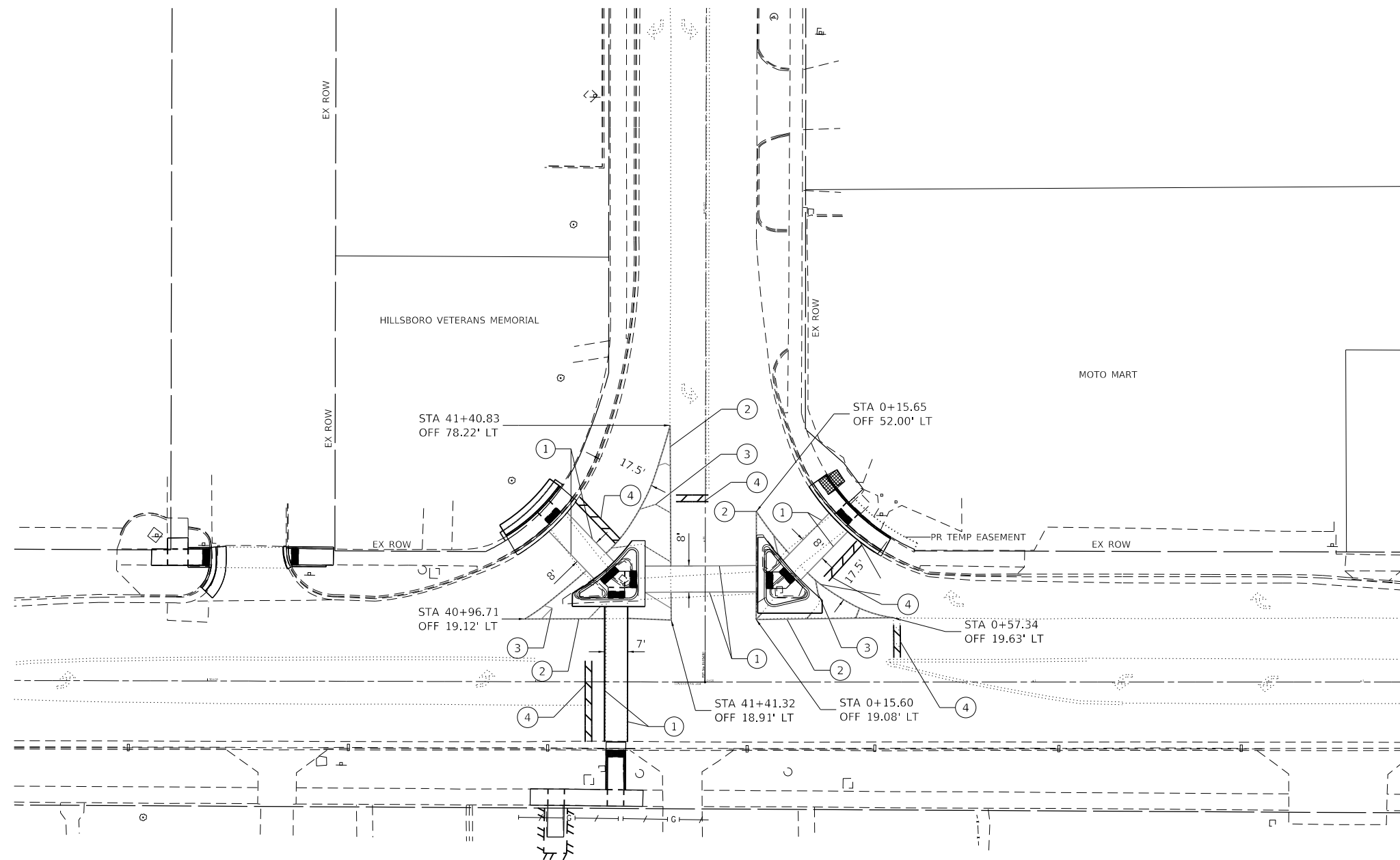
NOTES:  
1. PREFORMED EXPANSION JOINT FILLER SHALL BE ACCORDING TO ILLINOIS HIGHWAY STANDARD 606301-04

USER NAME = jackca	DESIGNED -	REVISED -
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PLOT DATE = 10/19/2020	CHECKED -	REVISED -
	DATE -	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**CORNER ISLAND DETAIL  
NE & SE QUAD: IL 127 & SCHOOL ST.**

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	(104)SW-1,TS(105)SW-1,TS-1	MONTGOMERY	052	027
			CONTRACT NO. 72L84	
SCALE:		SHEET 1 OF 1 SHEETS		STA. TO STA.



PAVEMENT MARKING LEGEND	
①	THERMOPLASTIC PAVEMENT MARKING - LINE 6" (SOLID WHITE)
②	THERMOPLASTIC PAVEMENT MARKING - LINE 8" (SOLID WHITE)
③	THERMOPLASTIC PAVEMENT MARKING - LINE 12" (CHEVRON - WHITE)
④	PREFORMED PLASTIC, TYPE B-INLAID, 24" WHITE SOLID STOP BAR

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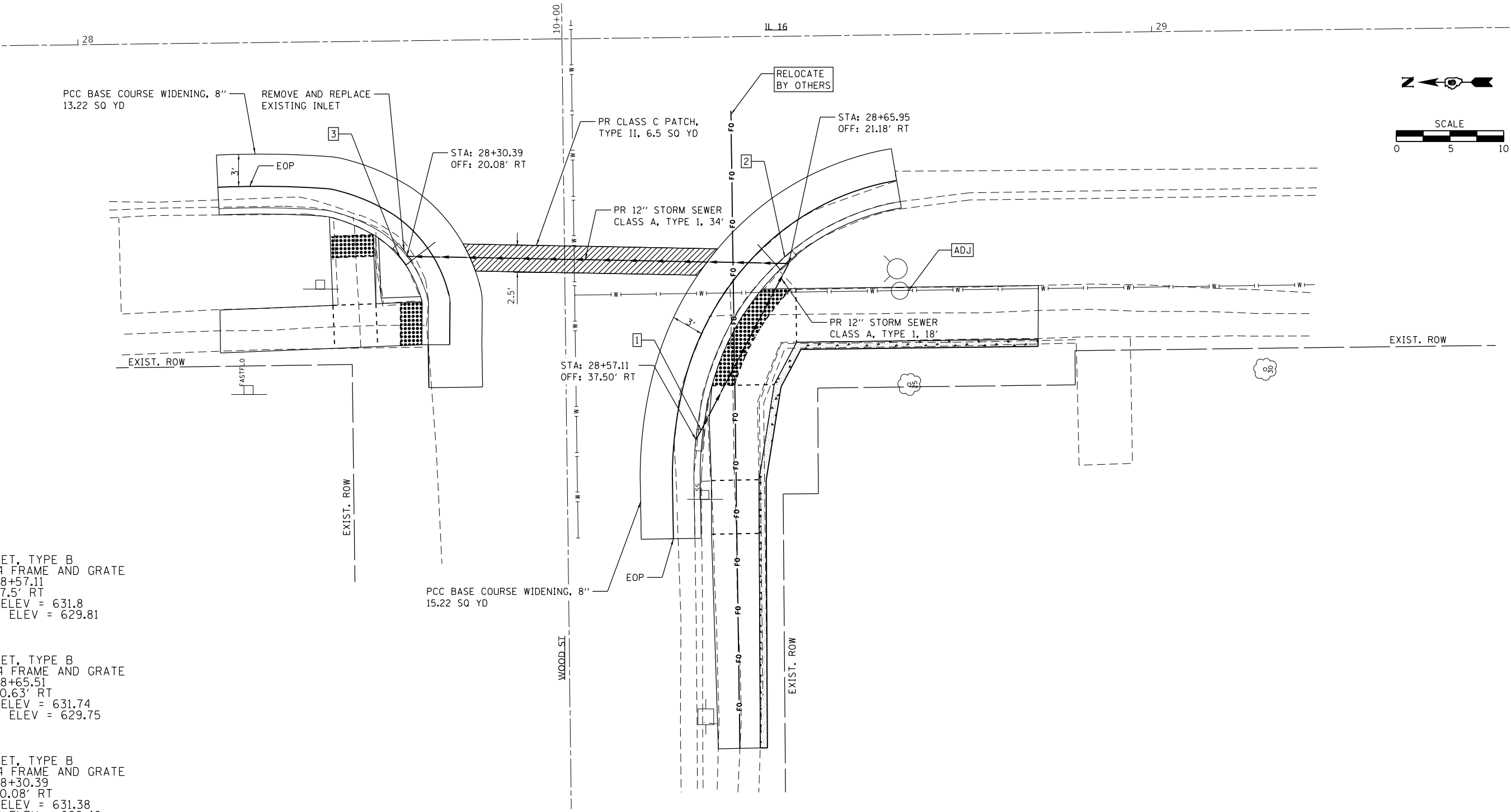
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	DATE -	REVISED -

**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

PAVEMENT MARKING PLAN			
IL-127 /SCHOOL ST			
SCALE:	SHEET 1	OF 1	SHEETS
	STA.		TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	(104)SW-1,TS(105)SW-1,TS-1	MONTGOMERY	052	028
CONTRACT NO. 72L84				
ILLINOIS FED. AID PROJECT				

\*325, 42A (IL 16, 127)



- 1** PR INLET, TYPE B  
TYPE 4 FRAME AND GRATE  
STA: 28+57.11  
OFF: 37.5' RT  
T.O.G. ELEV = 631.8  
INVERT ELEV = 629.81
- 2** PR INLET, TYPE B  
TYPE 4 FRAME AND GRATE  
STA: 28+65.51  
OFF: 20.63' RT  
T.O.G. ELEV = 631.74  
INVERT ELEV = 629.75
- 3** PR INLET, TYPE B  
TYPE 4 FRAME AND GRATE  
STA: 28+30.39  
OFF: 20.08' RT  
T.O.G. ELEV = 631.38  
INVERT ELEV = 629.46

LEGEND	
	DETECTABLE WARNINGS
	PAVEMENT PATCH
( )	EXISTING ELEVATION

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PLOT DATE = 10/21/2020	DATE - _____	REVISED - _____

**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

**STORM SEWER DETAIL**  
**NW & SW QUAD: IL 16 & WOOD ST.**

SCALE: \_\_\_\_\_ SHEET 1 OF 1 SHEETS STA. \_\_\_\_\_ TO STA. \_\_\_\_\_

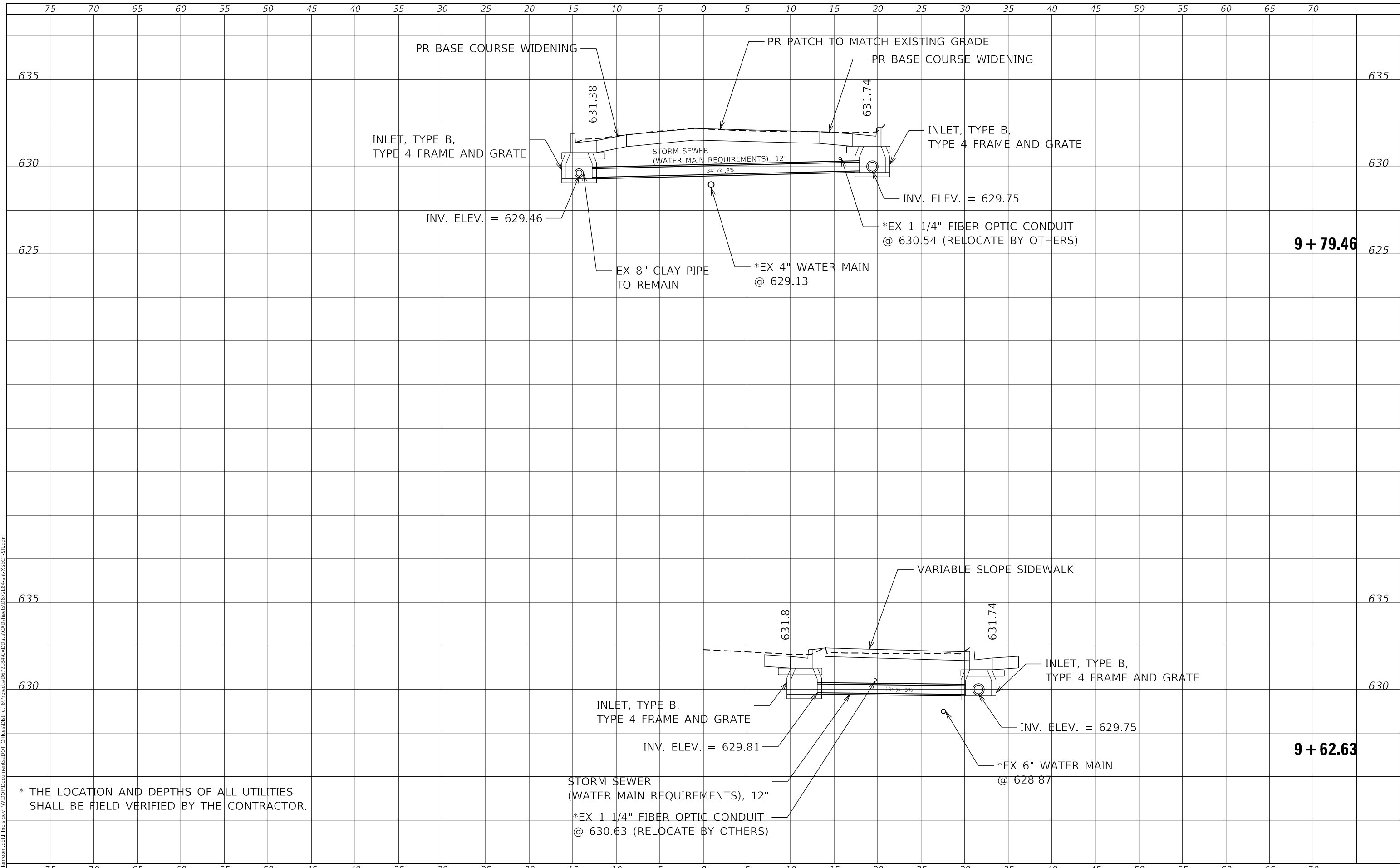
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	(104)SW-1,TS(105)SW-1,TS-1	MONTGOMERY	052	029
CONTRACT NO. 72L84				

ILLINOIS FED. AID PROJECT

DATE	
BY	
SURVEYED	
PLOTTED	
TEMPLATE	
AREAS CHECKED	
FINAL SURVEY	
NOTE BOOK	
NO.	

DATE	
BY	
SURVEYED	
PLOTTED	
TEMPLATE	
AREAS CHECKED	
ORIGINAL SURVEY	
NOTE BOOK	
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\* THE LOCATION AND DEPTHS OF ALL UTILITIES SHALL BE FIELD VERIFIED BY THE CONTRACTOR.

USER NAME = jackca	DESIGNED -	REVISED -
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PLOT DATE = 10/19/2020	DATE -	REVISED -

**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

<b>STORM SEWER PROFILE</b>			
SCALE:	SHEET 1 OF 1 SHEETS	STA. 9+62.63 TO STA. 9+79.46	

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	(104)SW-1,TS(105)SW-1,TS-1	MONTGOMERY	052	030
				CONTRACT NO. 72L84
				ILLINOIS FED. AID PROJECT

\*325, 42A (IL 16, 127)

### TRAFFIC SIGNAL PLAN LEGEND

ITEM	REMOVAL	EXISTING	PROPOSED
ALUMINUM MAST ARM ASSEMBLY AND POLE			
STEEL MAST ARM ASSEMBLY AND POLE			
STEEL COMBINATION MAST ARM ASSEMBLY AND POLE WITH LUMINAIRE			
SIGNAL POST			
CONTROLLER CABINET			
MASTER CONTROLLER			
RAILROAD CONTROLLER			
UNINTERRUPTABLE POWER SUPPLY			
TEMPORARY WOOD POLE (CLASS 5 OR BETTER) 45 FOOT MINIMUM			
TEMPORARY WOOD POLE W/ GUY			
SERVICE INSTALLATION (P) POLE OR (G) GROUND MOUNT			
TEMPORARY SIGNAL HEAD			
SIGNAL HEAD (NUMBER INDICATE NUMBER OF SECTIONS)			
SIGNAL HEAD WITH BACKPLATE			
FLASHER INSTALLATION (S DENOTES SOLAR POWER)			
PEDESTRIAN SIGNAL HEAD			
PEDESTRIAN PUSH-BUTTON DETECTOR			
ACCESSIBLE PEDESTRIAN PUSH-BUTTON DETECTOR			
PRIORITY VEHICLE DETECTOR			
CONFORMATION BEACON			
VIDEO DETECTOR SYSTEM			
HANDHOLE			
DOUBLE HANDHOLE			
HEAVY DUTY HANDHOLE			
JUNCTION BOX			
GULFBOX JUNCTION			
CONDUIT SPLICE			

ITEM	REMOVAL	EXISTING	PROPOSED
DETECTOR LOOP LARGE			
DETECTOR LOOP SMALL			
QUADRAPOLE DETECTOR LOOP			
DIRECT CONNECTED LOOP LEAD-IN (TWISTED)			
UNDERGROUND CONDUIT (UC)			

LENGTH - CONSTRUCTION (T=TRENCH, P=PUSHED, A=AGUERED, E= EXISTING)  
 SIZE - TYPE (S=STEEL, P=PVC, F=FIBER DUCT, U=UNI-DUCT)

### TRAFFIC SIGNAL DETAIL LEGEND

ITEM	REMOVAL	EXISTING	PROPOSED
SIGNAL SECTION - SOLID RED			
SIGNAL SECTION - SOLID YELLOW			
SIGNAL SECTION - SOLID GREEN			
SIGNAL SECTION - RED TURN ARROW			
SIGNAL SECTION - YELLOW TURN ARROW			
SIGNAL SECTION - FLASHING YELLOW ARROW			
SIGNAL SECTION - GREEN TURN ARROW			
PEDESTRIAN SIGNAL HEAD			
PEDESTRIAN SIGNAL HEAD W/ COUNTDOWN TIMER			
TRAFFIC SIGNAL BACKPLATE			
SIGNAL SECTION WITH LOUVRE			
SIGNAL SECTION WITH DUAL INDICATION			
ELECTRIC CABLE (NUMBER INDICATES NUMBER OF CONDUCTORS)			
ELECTRIC CABLE IDENTIFIER TAPE CODES (R=RED, W=WHITE, Y=YELLOW, G=GREEN, B=BLUE, O=ORANGE, V=VIOLET, P=PINK)			
DETECTOR LOOP			
QUADRAPOLE DETECTOR LOOP			

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PLOT DATE = 10/19/2020	DATE -	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**DISTRICT 6  
TRAFFIC SIGNAL LEGEND STANDARD**

SCALE: SHEET 1 OF 12 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	(104)SW-1,TS(105)SW-1,TS-1	MONTGOMERY	052	031
CONTRACT NO. 72L84				
ILLINOIS FED. AID PROJECT				

\*325, 42A (IL 16, 127)

EX TRAFFIC SIGNAL & REMOVAL NOTES:

1. INFORMATION SHOWN ON THE EXISTING TRAFFIC SIGNAL PLANS ARE BASED OFF OF HISTORICAL PLANS AND SHALL BE CONSIDERED FOR INFORMATION PURPOSES ONLY;
2. LUMINAIRES LOCATED ON THE EXISTING COMBINATION MAST ARM ASSEMBLY AND POLES SHALL BE REMOVED.

TEMPRARY TRAFFIC SIGNAL NOTES:

1. TEMPORARY CONTROLLER CABINETS ARE TO BE FURNISHED BY THE CONTRACTOR AND EQUIPPED WITH VIDEO DETECTION INTERFACE CABLES;
2. TEMPORARY SIGNALS SHALL BE OPERATIONAL PRIOR TO THE REMOVAL OF THE EXISTING SIGNALS;
4. POLES USED FOR TEMPORARY SIGNAL INSTALLATION SHALL PROVIDE FOR MINIMUM OF 35 FT MOUNTING HEIGHT FOR VIDEO CAMERAS;
5. EXISTING SERVICE IS TO BE UTILIZED FOR TEMPORARY SIGNALS.

PROPOSED TRAFFIC SIGNAL NOTES:

1. UTILITY INFORMATION SHOWN ON THE PLAN SHEETS IS CONSIDERED TO BE FOR INFORMATION ONLY. ALL SUBSURFACE UTILITIES SHALL BE POTHOLED IN THE VICINITY OF THE PROPOSED CONCRETE SIGNAL FOUNDATIONS TO DETERMINE ACTUAL LOCATION OF THE VARIOUS UTILITIES. ANY ADJUSTMENTS THAT NEED TO BE MADE TO AVOID EXISTING UTILITIES SHALL BE APPROVED BY THE ENGINEER.
2. PROPOSED SIGNAL HEADS SHALL BE COVERED AND SECURED BY A METHOD APPROVED BY THE ENGINEER UNTIL THEY ARE PERMANENTLY TURNED ON;
3. WHEN TRANSITIONING FROM TEMPORARY TO PROPOSED SIGNALS, THE INTERSECTION SHALL BE PLACED ON FLASHING RED MODE AND ALL DIRECTIONS SHALL BE FLAGGED UNTIL THE PROPOSED SIGNALS ARE FUNCTIONING PROPERLY;
4. SEE SIGN DETAIL SHEETS FOR PROPOSED SIGN AND SIGN ASSEMBLIES ATTACHED TO SIGNAL POLES AND MAST ARMS;
5. SEE BORING LOGS FOR EXPECTED SOIL TYPES WHEN DRILLING FOR CONCRETE FOUNDATIONS, TY E.

OVERALL TRAFFIC SIGNAL SUMMARY OF QUANTITIES

PAY ITEM NO.	ITEM	UNIT	TOTAL QUANTITY	INTERCONNECT QUANTITY	SCHOOL ST QUANTITY	FAIRGROUNDS AVE QUANTITY
72000100	SIGN PANEL, TYPE 1	SQ FT	77		60	17
72000200	SIGN PANEL, TYPE 2	SQ FT	47			47
72400310	REMOVE SIGN PANEL, TYPE 1	EACH	17		13	4
72400320	REMOVE SIGN PANEL, TYPE 2	EACH	4			4
80500100	SERVICE INSTALLATION, TYPE A	EACH	2		1	1
81028340	UNDERGROUND CONDUIT, PVC, 1 1/2" DIA.	FOOT	1794	1200	400	194
81028350	UNDERGROUND CONDUIT, PVC, 2" DIA.	FOOT	92		26	66
81028360	UNDERGROUND CONDUIT, PVC, 2 1/2" DIA.	FOOT	232		131	101
81028370	UNDERGROUND CONDUIT, PVC, 3" DIA.	FOOT	404		233	171
81028400	UNDERGROUND CONDUIT, PVC, 5" DIA.	FOOT	22		17	5
81400730	HANDHOLE, COMPOSITE CONCRETE	EACH	8		5	3
81400740	DOUBLE HANDHOLE, COMPOSITE CONCRETE	EACH	2		1	1
81500120	GULFBOX JUNCTION, COMPOSITE CONCRETE	EACH	7	6	1	
81702110	ELECTRIC CABLE IN CONDUIT, 600V (XLP-TYPE USE) 1/C NO. 10	FOOT	490		332	158
82110007	LUMINAIRE, LED, ROADWAY, OUTPUT DESIGNATION G	EACH	6		2	4
85000200	MAINTENANCE OF EXISTING TRAFFIC SIGNAL INSTALLATION	EACH	2		1	1
85700200	FULL-ACTUATED CONTROLLER AND TYPE IV CABINET	EACH	2		1	1
86200200	UNINTERRUPTABLE POWER SUPPLY, STANDARD	EACH	2		1	1
87301225	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 3C	FOOT	2217		1559	658
87301245	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 5C	FOOT	2012		1334	678
87301255	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 7C	FOOT	490		490	
87301265	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 9C	FOOT	1125		154	971
87301290	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 18 3C	FOOT	1346		604	742
87301805	ELECTRIC CABLE IN CONDUIT, SERVICE, NO. 6 2 C	FOOT	241		213	28
87301900	ELECTRIC CABLE IN CONDUIT, EQUIPMENT GROUNDING CONDUCTOR, NO. 6 1C	FOOT	1344		807	537
87502640	TRAFFIC SIGNAL POST, ALUMINUM 10 FT.	EACH	2		2	
87502690	TRAFFIC SIGNAL POST, ALUMINUM 15 FT.	EACH	7		3	4
87702830	STEEL COMBINATION MAST ARM ASSEMBLY AND POLE 20 FT.	EACH	1			1
87702840	STEEL COMBINATION MAST ARM ASSEMBLY AND POLE 22 FT.	EACH	1		1	
87702870	STEEL COMBINATION MAST ARM ASSEMBLY AND POLE 28 FT.	EACH	1			1
87702880	STEEL COMBINATION MAST ARM ASSEMBLY AND POLE 30 FT.	EACH	1			1
87702900	STEEL COMBINATION MAST ARM ASSEMBLY AND POLE 34 FT.	EACH	1			1
87704342	STEEL COMBINATION MAST ARM ASSEMBLY AND POLE WITH DUAL MAST ARMS, 28 FT. AND 34 FT.	EACH	1		1	
87800100	CONCRETE FOUNDATION, TYPE A	FOOT	27		15	12
87800150	CONCRETE FOUNDATION, TYPE C	FOOT	7		3.5	3.5
87800400	CONCRETE FOUNDATION, TYPE E 30-INCH DIAMETER	FOOT	30		10	20
87800415	CONCRETE FOUNDATION, TYPE E 36-INCH DIAMETER	FOOT	34		12	22
88040070	SIGNAL HEAD, POLYCARBONATE, LED, 1-FACE, 3-SECTION, BRACKET MOUNTED	EACH	2			2
88040090	SIGNAL HEAD, POLYCARBONATE, LED, 1-FACE, 3-SECTION, MAST ARM MOUNTED	EACH	5		3	2
88040120	SIGNAL HEAD, POLYCARBONATE, LED, 1-FACE, 4-SECTION, MAST ARM MOUNTED	EACH	5		1	4
88040230	SIGNAL HEAD, POLYCARBONATE, LED, 2-FACE, 3-SECTION, BRACKET MOUNTED	EACH	1		1	
88040250	SIGNAL HEAD, POLYCARBONATE, LED, 2-FACE, 1-3 SECTION, 1-4 SECTION, BRACKET MOUNTED	EACH	4			4
88040260	SIGNAL HEAD, POLYCARBONATE, LED, 2-FACE, 1-3-SECTION, 1-5-SECTION, BRACKET MOUNTED	EACH	1		1	
88040280	SIGNAL HEAD, POLYCARBONATE, LED, 2-FACE, 1-4 SECTION, 1-5 SECTION, BRACKET MOUNTED	EACH	1		1	
88040290	SIGNAL HEAD, POLYCARBONATE, LED, 2-FACE, 5-SECTION, BRACKET MOUNTED	EACH	1		1	
88102717	PEDESTRIAN SIGNAL HEAD, LED, 1-FACE, BRACKET MOUNTED WITH COUNTDOWN TIMER	EACH	3		1	2
88102747	PEDESTRIAN SIGNAL HEAD, LED, 2-FACE, BRACKET MOUNTED WITH COUNTDOWN TIMER	EACH	2		1	1
88102757	PEDESTRIAN SIGNAL HEAD, LED, 3-FACE, BRACKET MOUNTED WITH COUNTDOWN TIMER	EACH	1		1	
88200510	TRAFFIC SIGNAL BACKPLATE, RETROREFLECTIVE	EACH	28		12	16
88800100	PEDESTRIAN PUSH-BUTTON	EACH	12		8	4
89000100	TEMPORARY TRAFFIC SIGNAL INSTALLATION	EACH	2		1	1
89500120	REMOVE EXISTING SERVICE INSTALLATION	EACH	2		1	1
89502375	REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT	EACH	62		28	34
89502380	REMOVE EXISTING HANDHOLE	EACH	6		3	3
89502382	REMOVE EXISTING DOUBLE HANDHOLE	EACH	2		1	1
89502385	REMOVE EXISTING CONCRETE FOUNDATION	EACH	14		6	8
X0322765	RELOCATE VIDEO VEHICLE DETECTION SYSTEM	EACH	2		1	1
X0326266	ETHERNET SWITCH	EACH	2		1	1
X7350010	SIGN SUPPORT BRACKET	EACH	5		5	
X8710029	FIBER OPTIC CABLE 24 FIBERS, SINGLE MODE	FOOT	1937	1210	419	308
X8760201	PEDESTRIAN PUSH-BUTTON POST	EACH	1		1	
Z0010688	CAMERA MOUNTING ASSEMBLY	EACH	7		3	4
Z0033072	VIDEO VEHICLE DETECTION SYSTEM	EACH	2		1	1

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USER NAME = CARABALLOJ	DESIGNED -	REVISED -
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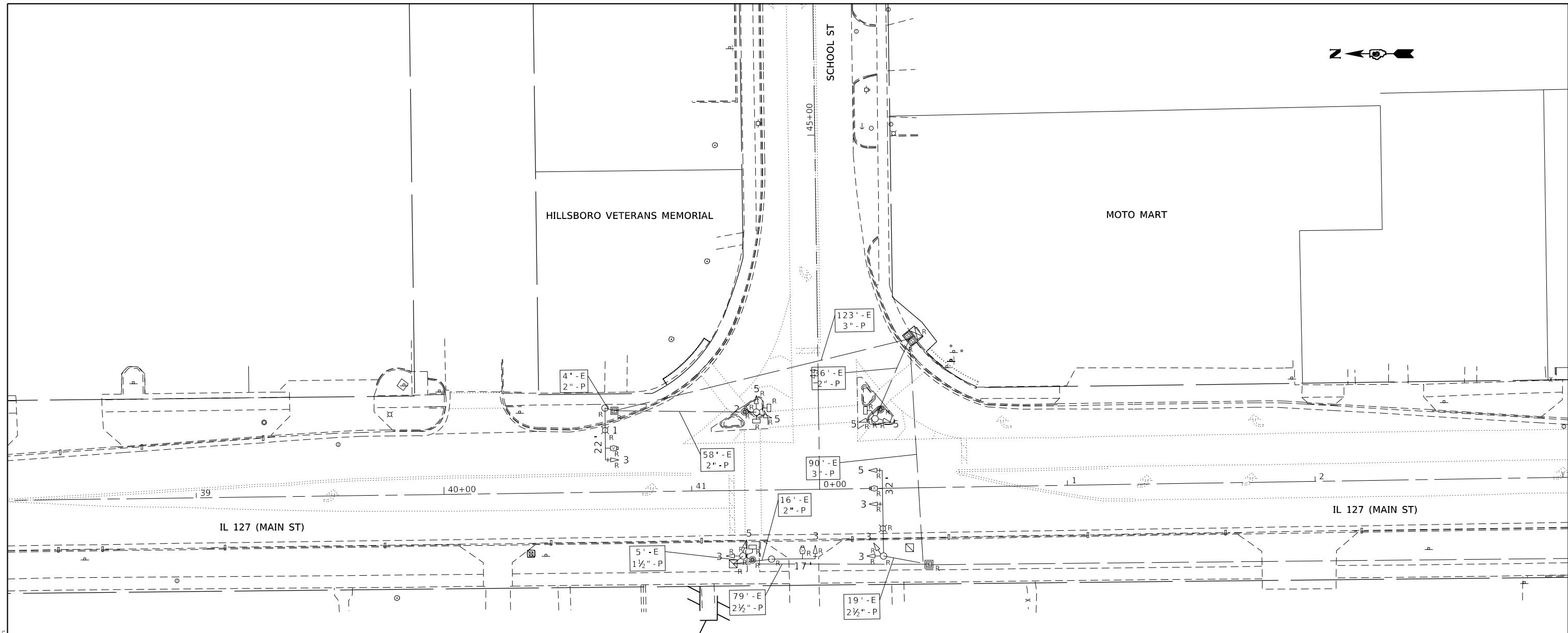
**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**TRAFFIC SIGNAL  
GENERAL NOTES & SCHEDULE OF QUANTITIES**

SCALE: SHEET 2 OF 12 SHEETS STA. TO STA.

F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	(104)SW-1,TS(105)SW-1,TS-1	MONTGOMERY	052	032
CONTRACT NO. 72L84				
ILLINOIS FED. AID PROJECT				





89502375 - REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT (EACH)	
ITEM TO BE REMOVED	QUANTITY
MAST ARM AND POLE	3
SIGNAL POST	3
TRAFFIC SIGNAL CABINET	1
PUSH BUTTON	4
PEDESTRIAN SIGNAL HEAD	4
TRAFFIC SIGNAL HEAD (3-SEC, 4-SEC, 5-SEC)	12
SERVICE INSTALLATION	1
<b>TOTAL</b>	<b>28</b>

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	DATE -	REVISED -

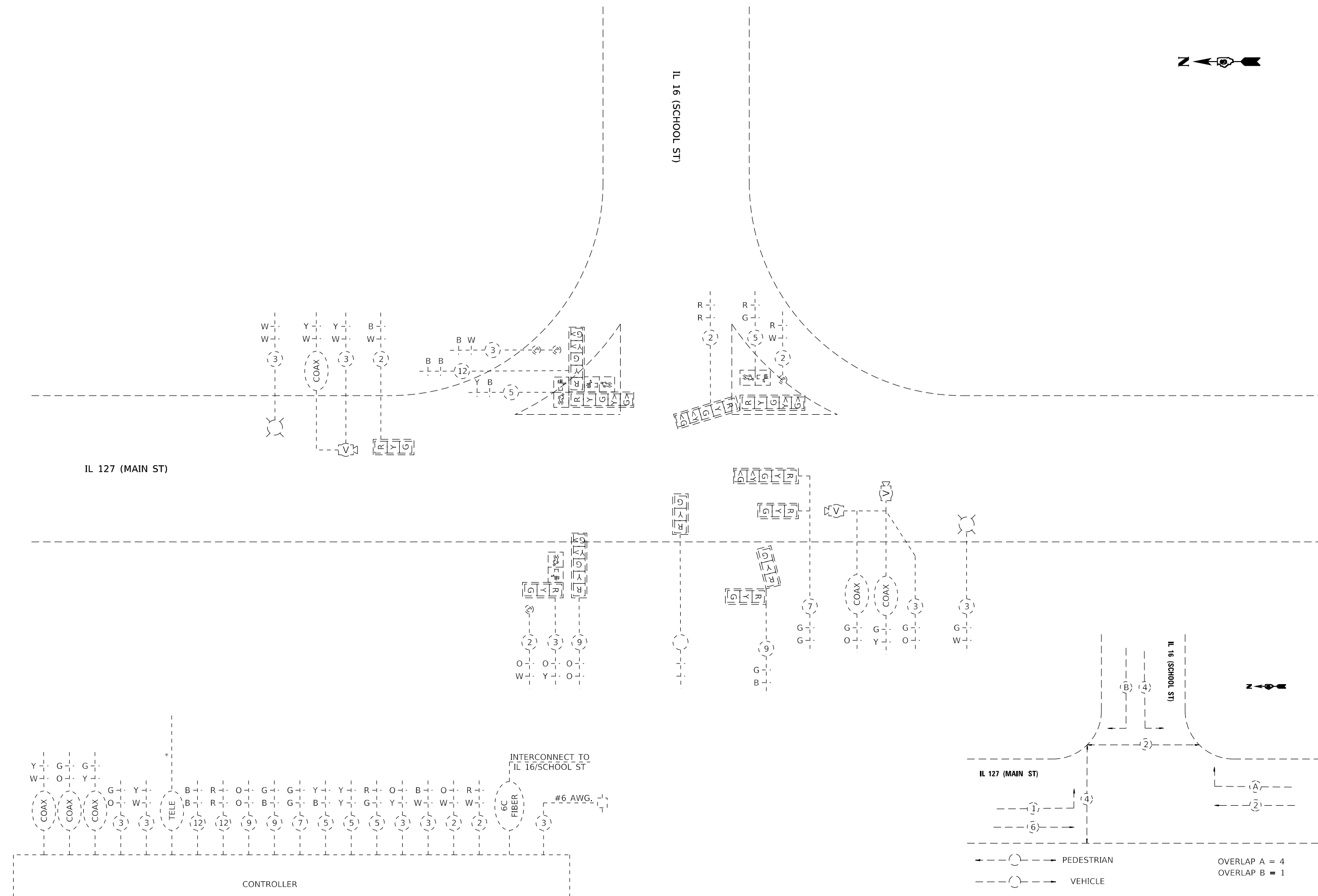
**STATE OF ILLINOIS**  
**DEPARTMENT OF TRANSPORTATION**

**EXISTING TRAFFIC SIGNAL PLAN**  
**IL 127 (MAIN ST) & SCHOOL ST**

SCALE: SHEET 3 OF 12 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	(104)SW-1,TS(105)SW-1,TS-1	MONTGOMERY	052	033
CONTRACT NO. 72L84				
ILLINOIS FED. AID PROJECT				

\*325, 42A (IL 16, 127)



IL 127 (MAIN ST)

IL 16 (SCHOOL ST)

IL 127 (MAIN ST)

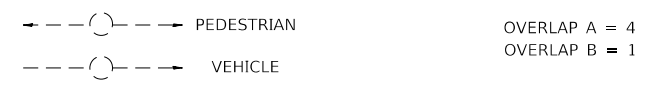
IL 16 (SCHOOL ST)

CONTROLLER

INTERCONNECT TO IL 16/SCHOOL ST

#6 AWG.

\* BY OTHERS



EXISTING PHASE DESIGNATION DIAGRAM

MODEL: Default  
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	DRAWN -	REVISED -
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PLOT DATE = 10/19/2020	DATE -	REVISED -

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

**EXISTING TRAFFIC SIGNAL DETAIL**  
**IL 127 (MAIN ST) & SCHOOL ST**

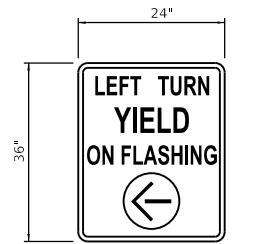
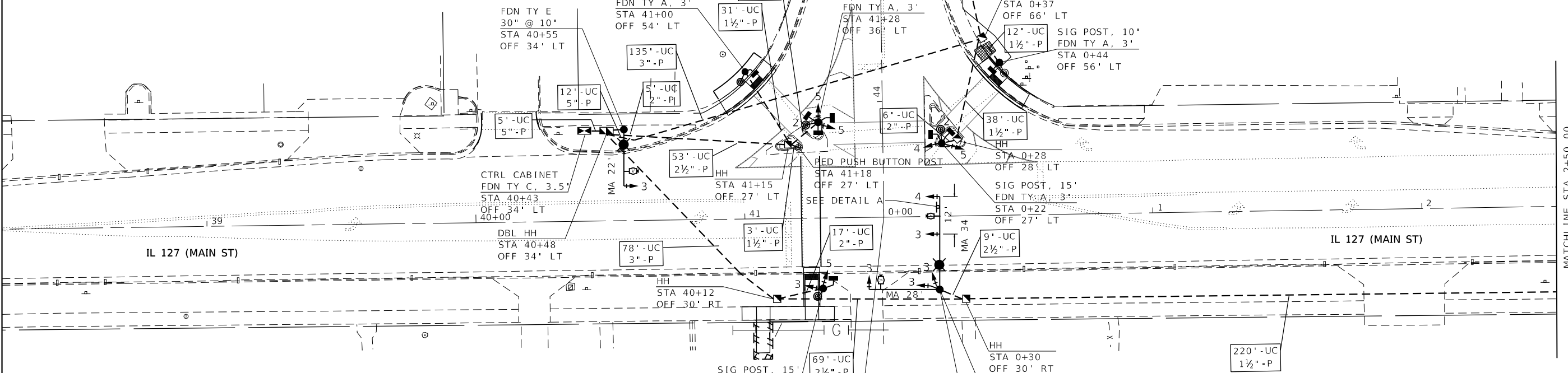
SCALE: SHEET 4 OF 12 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	(104)SW-1,TS(105)SW-1,TS-1	MONTGOMERY	052	034
				CONTRACT NO. 72L84
		ILLINOIS	FED. AID PROJECT	

\*325, 42A (IL 16, 127)



NO.	ITEM	UNIT	QUANTITY
72000100	SIGN PANEL, TYPE 1	SQ FT	60
72400310	REMOVE SIGN PANEL, TYPE 1	EACH	13
80500100	SERVICE INSTALLATION, TYPE A	EACH	1
81028340	UNDERGROUND CONDUIT, PVC, 1 1/2" DIA.	FOOT	400
81028350	UNDERGROUND CONDUIT, PVC, 2" DIA.	FOOT	26
81028360	UNDERGROUND CONDUIT, PVC, 2 1/2" DIA.	FOOT	131
81028370	UNDERGROUND CONDUIT, PVC, 3" DIA.	FOOT	233
81028400	UNDERGROUND CONDUIT, PVC, 5" DIA.	FOOT	17
81400730	HANDHOLE, COMPOSITE CONCRETE	EACH	5
81400740	DOUBLE HANDHOLE, COMPOSITE CONCRETE	EACH	1
81500120	GULFBOX JUNCTION, COMPOSITE CONCRETE	EACH	1
81702110	ELECTRIC CABLE IN CONDUIT, 600V (XLP-TYPE USE) 1/C NO. 10	FOOT	882
82110007	LUMINAIRE, LED, ROADWAY, OUTPUT DESIGNATION G	EACH	2
85700200	FULL-ACTUATED CONTROLLER AND TYPE IV CABINET	EACH	1
86200200	UNINTERRUPTIBLE POWER SUPPLY, STANDARD	EACH	1
87301225	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 3C	FOOT	1801
87301245	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 5C	FOOT	1334
87301255	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 7C	FOOT	490
87301265	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 9C	FOOT	154
87301290	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 18 3C	FOOT	604
87301805	ELECTRIC CABLE IN CONDUIT, SERVICE, NO. 6 2 C	FOOT	213
87301900	ELECTRIC CABLE IN CONDUIT, EQUIPMENT GROUNDING CONDUCTOR, NO. 6 1C	FOOT	807
87502640	TRAFFIC SIGNAL POST, ALUMINUM 10 FT.	EACH	2



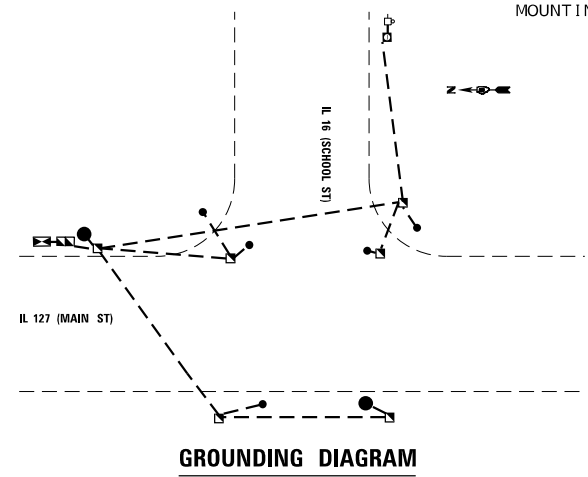
PR SIGN PANEL, TYPE 1 (24"x36")  
ATTACHED TO MAST ARM, 1 EACH  
QTY - 6 SF x 1 EACH = 6 SF

**DETAIL A**

87502690	TRAFFIC SIGNAL POST, ALUMINUM 15 FT.	EACH	3
87702840	STEEL COMBINATION MAST ARM ASSEMBLY AND POLE 22 FT.	EACH	1
87704342	STEEL COMBINATION MAST ARM ASSEMBLY AND POLE WITH DUAL MAST ARMS, 28 FT. AND 34 FT.	EACH	1
87800100	CONCRETE FOUNDATION, TYPE A	FOOT	15
87800150	CONCRETE FOUNDATION, TYPE C	FOOT	3.5
87800400	CONCRETE FOUNDATION, TYPE E 30-INCH DIAMETER	FOOT	10
87800415	CONCRETE FOUNDATION, TYPE E 36-INCH DIAMETER	FOOT	12
88040090	SIGNAL HEAD, POLYCARBONATE, LED, 1-FACE, 3-SECTION, MAST ARM MOUNTED	EACH	3
88040120	SIGNAL HEAD, POLYCARBONATE, LED, 1-FACE, 4-SECTION, MAST ARM MOUNTED	EACH	1
88040230	SIGNAL HEAD, POLYCARBONATE, LED, 2-FACE, 3-SECTION, BRACKET MOUNTED	EACH	1
88040260	SIGNAL HEAD, POLYCARBONATE, LED, 2-FACE, 1-3-SECTION, 1-5-SECTION, BRACKET MOUNTED	EACH	1
88040280	SIGNAL HEAD, POLYCARBONATE, LED, 2-FACE, 1-4 SECTION, 1-5 SECTION, BRACKET MOUNTED	EACH	1
88040290	SIGNAL HEAD, POLYCARBONATE, LED, 2-FACE, 5-SECTION, BRACKET MOUNTED	EACH	1
88102717	PEDESTRIAN SIGNAL HEAD, LED, 1-FACE, BRACKET MOUNTED WITH COUNTDOWN TIMER	EACH	3
88102747	PEDESTRIAN SIGNAL HEAD, LED, 2-FACE, BRACKET MOUNTED WITH COUNTDOWN TIMER	EACH	1
88102757	PEDESTRIAN SIGNAL HEAD, LED, 3-FACE, BRACKET MOUNTED WITH COUNTDOWN TIMER	EACH	1
88200510	TRAFFIC SIGNAL BACKPLATE, RETROREFLECTIVE	EACH	12
88800100	PEDESTRIAN PUSH-BUTTON	EACH	8
89000100	TEMPORARY TRAFFIC SIGNAL INSTALLATION	EACH	1
89502375	REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT	EACH	28
89502380	REMOVE EXISTING HANDHOLE	EACH	3
89502382	REMOVE EXISTING DOUBLE HANDHOLE	EACH	1
89502385	REMOVE EXISTING CONCRETE FOUNDATION	EACH	6
X0326266	ETHERNET SWITCH	EACH	1
X7350010	SIGN SUPPORT BRACKET	EACH	5
X8710029	FIBER OPTIC CABLE 24 FIBERS, SINGLE MODE	FOOT	419
X8760202	PEDESTRIAN PUSH-BUTTON POST	EACH	2
Z0010688	CAMERA MOUNTING ASSEMBLY	EACH	3
Z0033072	VIDEO VEHICLE DETECTION SYSTEM	EACH	1

STATION EQUATION:  
STA 41+51.70 (IL 16, IL 127) BK =  
STA 43+57.07 (IL 16 / SCHOOL ST) AH =  
STA 0+00.00 (IL 127) AH

- PROPOSED TRAFFIC SIGNAL NOTES:
- UTILITY INFORMATION SHOWN ON THE PLAN SHEETS IS CONSIDERED TO BE FOR INFORMATION ONLY. ALL SUBSURFACE UTILITIES SHALL BE POTHOLED IN THE VICINITY OF THE PROPOSED CONCRETE SIGNAL FOUNDATIONS TO DETERMINE ACTUAL LOCATION OF THE VARIOUS UTILITIES. ANY ADJUSTMENTS THAT NEED TO BE MADE TO AVOID EXISTING UTILITIES SHALL BE APPROVED BY THE ENGINEER. THIS WORK WILL NOT BE PAID FOR SEPARATELY AND SHALL BE CONSIDERED INCLUDED IN THE COST OF "CONCRETE FOUNDATIONS, TY A, C & E;"
  - PROPOSED SIGNAL HEADS SHALL BE COVERED AND SECURED BY A METHOD APPROVED BY THE ENGINEER UNTIL THEY ARE PERMANENTLY TURNED ON;
  - WHEN TRANSITIONING FROM TEMPORARY TO PROPOSED SIGNALS, THE INTERSECTION SHALL BE PLACED ON FLASHING RED MODE AND ALL DIRECTIONS SHALL BE FLAGGED UNTIL THE PROPOSED SIGNALS ARE FUNCTIONING PROPERLY
  - SEE SIGN DETAIL SHEETS FOR PROPOSED SIGN AND SIGN ASSEMBLIES ATTACHED TO SIGNAL POLES AND MAST ARMS;
  - SEE BORING LOGS FOR EXPECTED SOIL TYPES WHEN DRILLING FOR CONCRETE FOUNDATIONS, TY E.
  - IDOT OPERATIONS STAFF SHALL BE NOTIFIED 72 HOURS PRIOR TO PROPOSED SIGNAL TURN-ON. OPERATIONS STAFF SHALL BE PRESENT AT THE TIME OF TURN-ON TO PROGRAM AND APPROVE OF SIGNAL TIMING AND DETECTION LAYOUT. PHONE: 217-558-6718

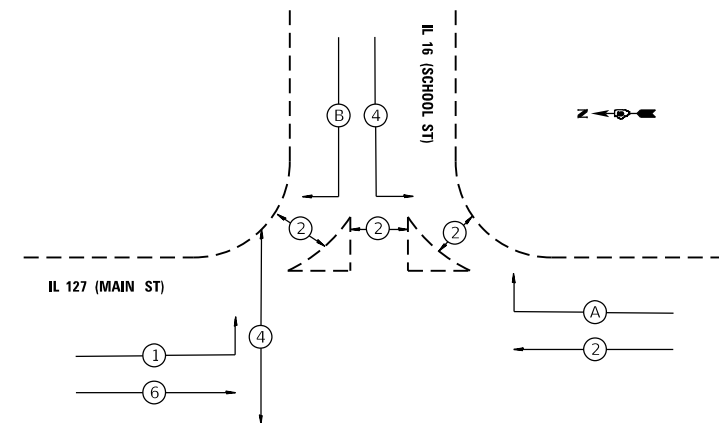
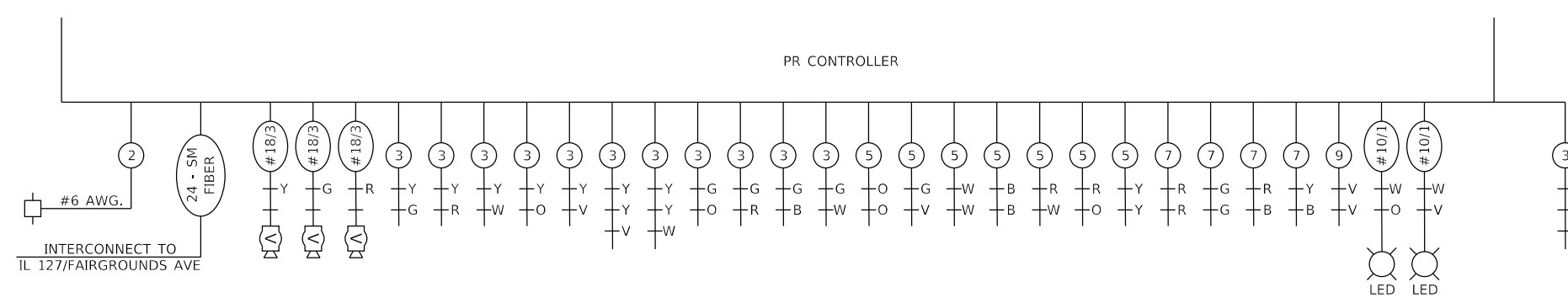
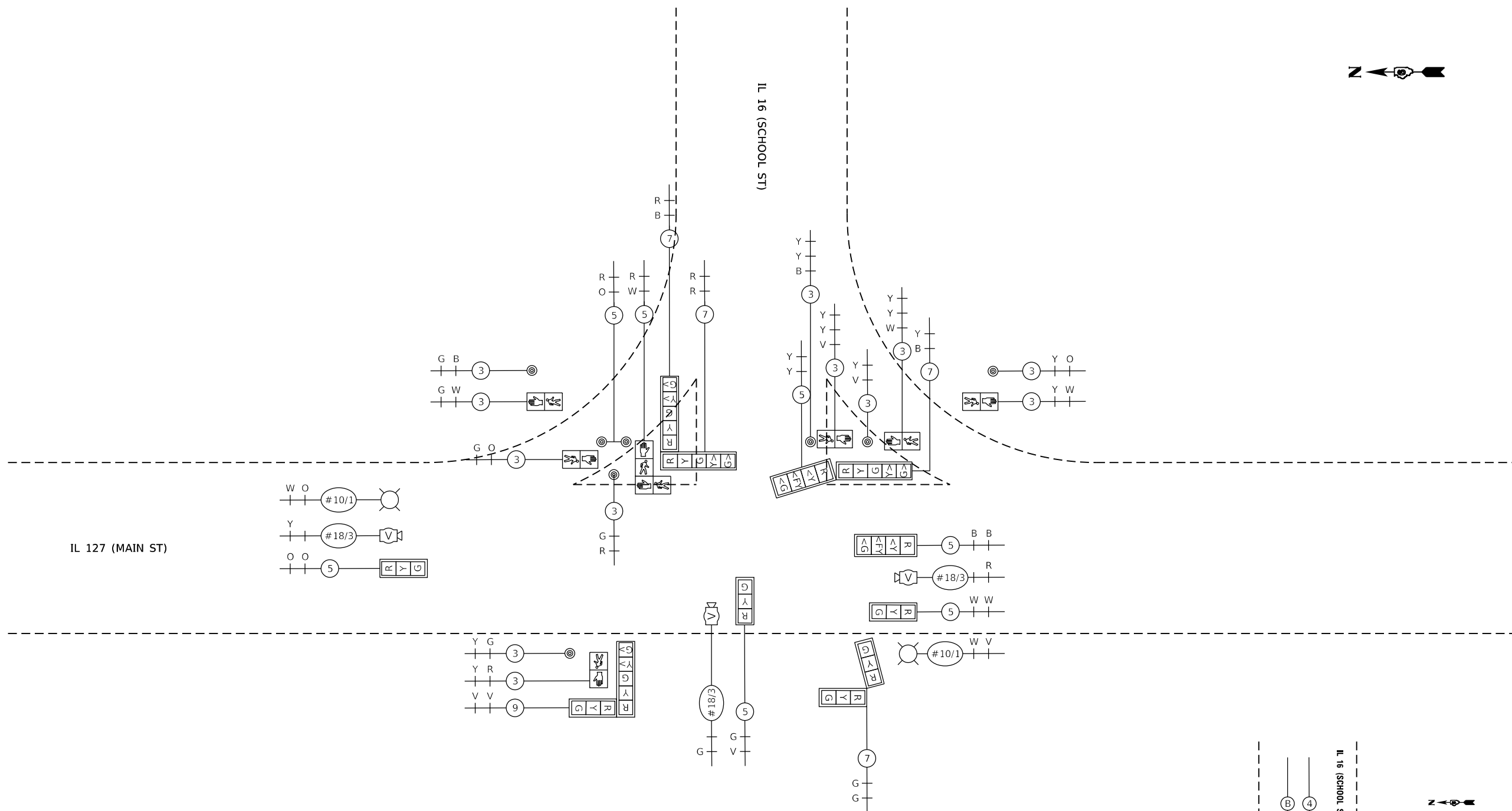


**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**PROPOSED TRAFFIC SIGNAL PLAN  
IL 127 (MAIN ST) & SCHOOL ST**

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PLOT DATE = 12/1/2020	CHECKED -	REVISED -
	DATE -	REVISED -

SCALE:	SHEET 6	OF 12 SHEETS	STA.	TO STA.	ILLINOIS	FED. AID PROJECT
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.		
	(104)SW-1,TS(105)SW-1,TS-1	MONTGOMERY	052	036		
						CONTRACT NO. 72L84



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	DRAWN -	REVISED -
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PLOT DATE = 10/19/2020	DATE -	REVISED -

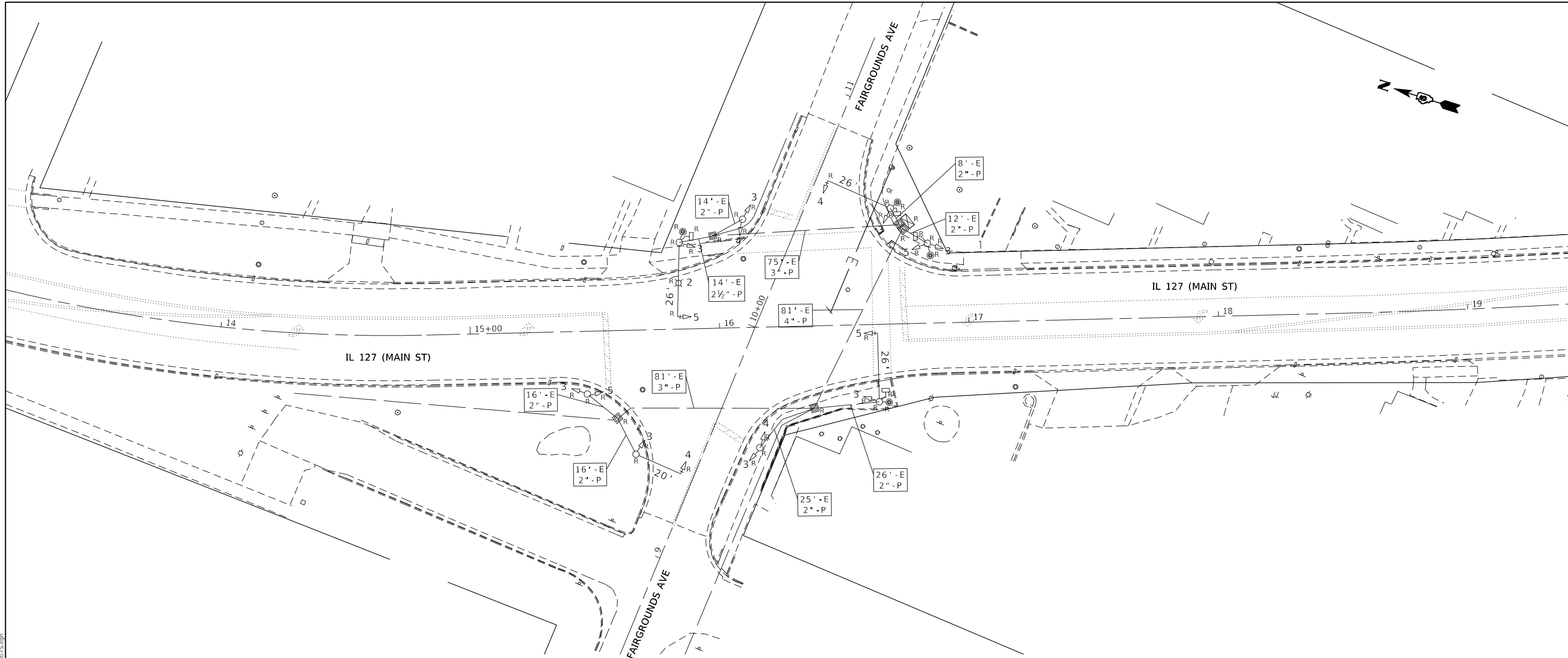
**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**PROPOSED TRAFFIC SIGNAL DETAIL  
IL 127 (MAIN ST) & SCHOOL ST**

SCALE: SHEET 7 OF 12 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
-	(104)SW-1,TS(105)SW-1,TS-1	MONTGOMERY	052	037
CONTRACT NO. 72L84				

\*325, 42A (IL 16, 127)



89502375 - REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT (EACH)	
ITEM TO BE REMOVED	QUANTITY
MAST ARM AND POLE	4
SIGNAL POST	4
TRAFFIC SIGNAL CABINET	1
PUSH BUTTON	4
PEDESTRIAN SIGNAL HEAD	4
TRAFFIC SIGNAL HEAD (3-SEC, 4-SEC, 5-SEC)	16
SERVICE INSTALLATION	1
<b>TOTAL</b>	<b>34</b>

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 OFFICE: IDOT  
 DATE: 10/19/2020

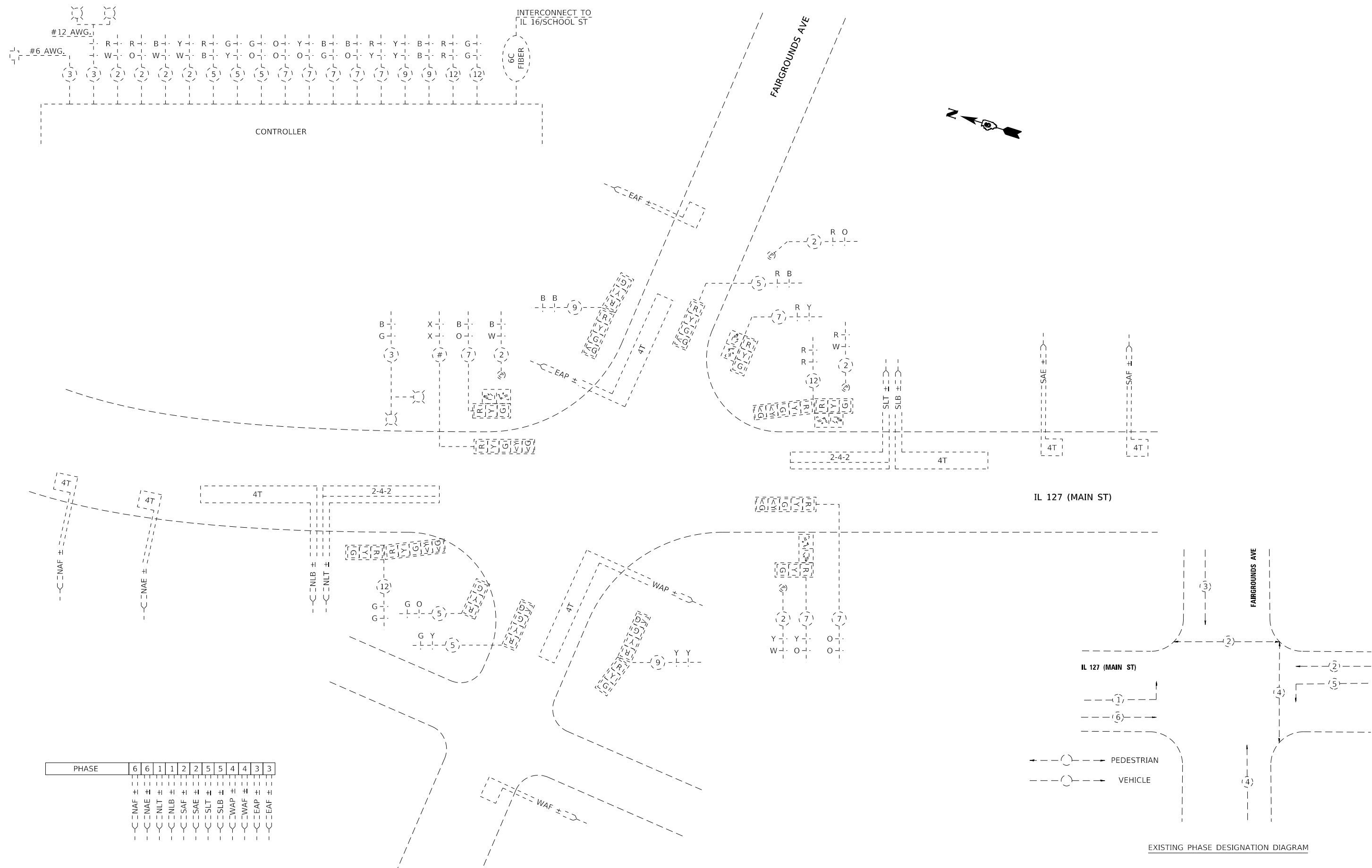
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PLOT DATE = 10/19/2020	CHECKED -	REVISED -
	DATE -	REVISED -

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

<b>EXISTING TRAFFIC SIGNAL PLAN</b> <b>IL 127 (MAIN ST) &amp; FAIRGROUNDS AVE</b>	
SCALE:	SHEET 8 OF 12 SHEETS STA. TO STA.

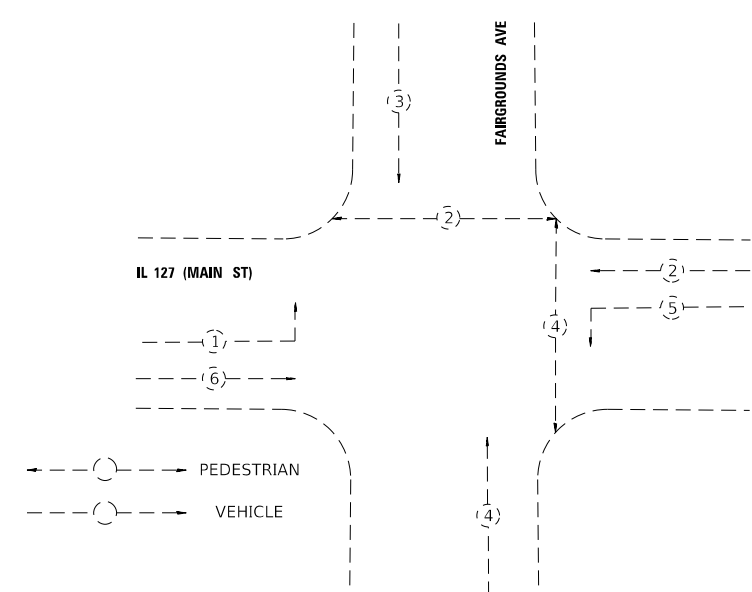
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	(104)SW-1,TS(105)SW-1,TS-1	MONTGOMERY	052	038
CONTRACT NO. 72L84				
ILLINOIS FED. AID PROJECT				

\*325, 42A (IL 16, 127)



PHASE	6	6	1	1	2	2	5	5	4	4	3	3
NAF ±												
NAE ±												
NLT ±												
NLB ±												
SAF ±												
SAE ±												
SILT ±												
SLB ±												
WAP ±												
WAF ±												
EAP ±												
EAF ±												

IL 127 (MAIN ST)



EXISTING PHASE DESIGNATION DIAGRAM

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	DATE -	REVISED -

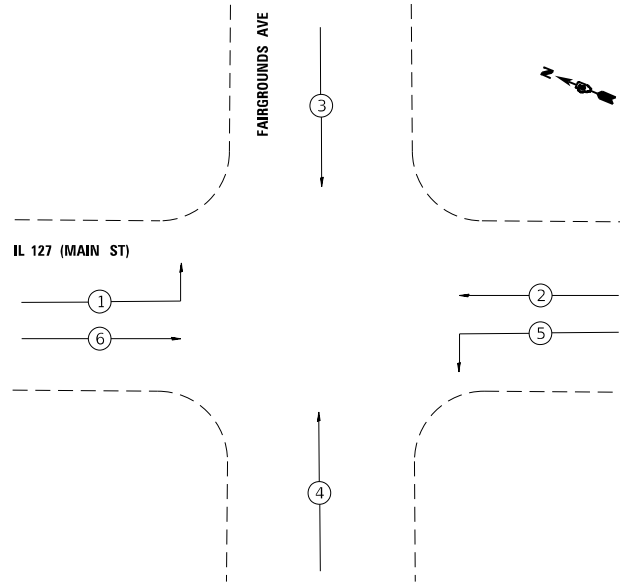
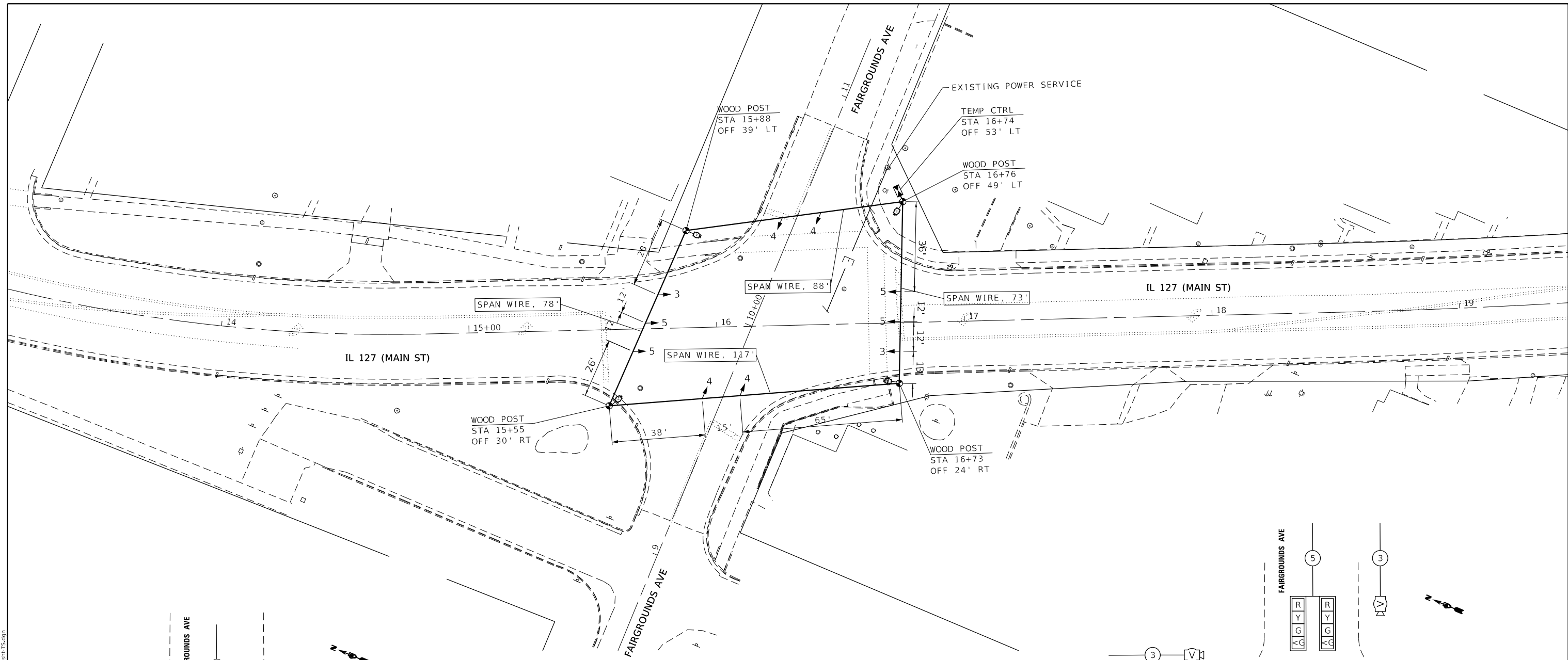
**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

<b>EXISTING TRAFFIC SIGNAL DETAIL IL 127 (MAIN ST) &amp; FAIRGROUNDS AVE</b>			
SCALE:	SHEET 9	OF 12 SHEETS	STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	(104)SW-1,TS(105)SW-1,TS-1	MONTGOMERY	052	039
CONTRACT NO. 72L84				
ILLINOIS FED. AID PROJECT				

\*325, 42A (IL 16, 127)

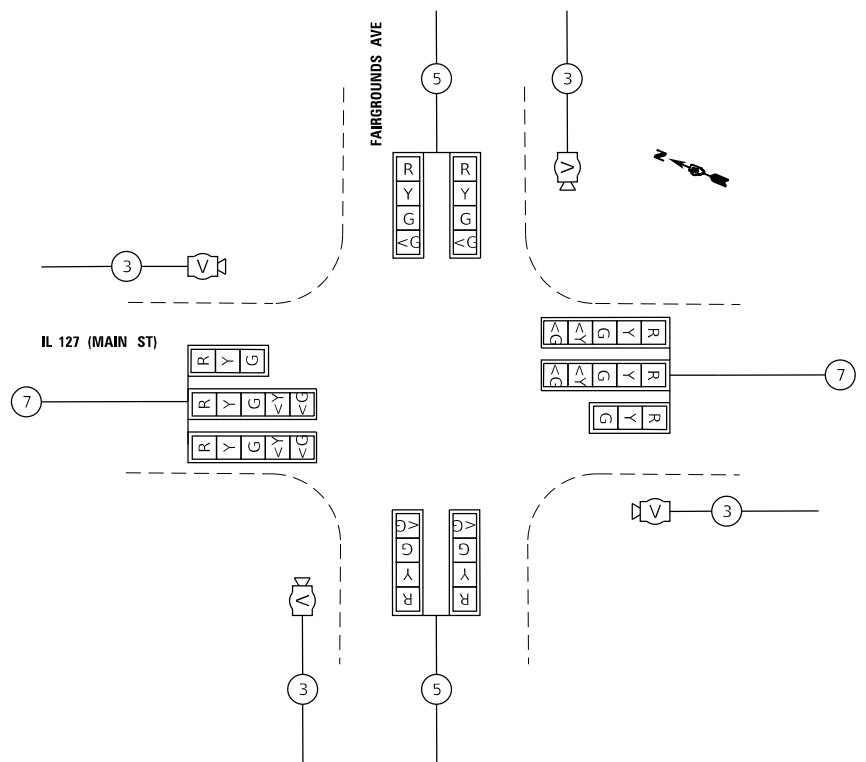
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**TEMPORARY PHASE DESIGNATION DIAGRAM**

**TEMPORARY TRAFFIC SIGNAL NOTES:**

1. IDOT OPERATIONS STAFF SHALL BE NOTIFIED 72 HOURS PRIOR TO TEMPORARY SIGNAL TURN-ON. OPERATIONS STAFF SHALL BE PRESENT AT THE TIME OF TURN-ON TO PROGRAM AND APPROVE OF SIGNAL TIMING AND DETECTION LAYOUT. PHONE: 217-558-6718
2. USE THE PROPOSED VIDEO VEHICLE DETECTION SYSTEM FOR THE TEMPORARY TRAFFIC SIGNAL DETECTION. RELOCATE THE PROPOSED VIDEO VEHICLE DETECTION SYSTEM TO THE NEW TRAFFIC SIGNAL AFTER IT IS COMPLETE.



**TEMPORARY TRAFFIC SIGNAL DETAIL**

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**TEMPORARY TRAFFIC SIGNAL PLAN  
IL 127 (MAIN ST) & FAIRGROUNDS AVE**

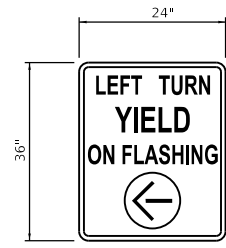
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PLOT SCALE = 100,0000' / in.	DRAWN -	REVISED -
PLOT DATE = 10/19/2020	CHECKED -	REVISED -
	DATE -	REVISED -

SCALE:	SHEET 10 OF 12 SHEETS	STA. TO STA.
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F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	(104)SW-1,TS(105)SW-1,TS-1	MONTGOMERY	052	040
CONTRACT NO. 72L84				
ILLINOIS FED. AID PROJECT				

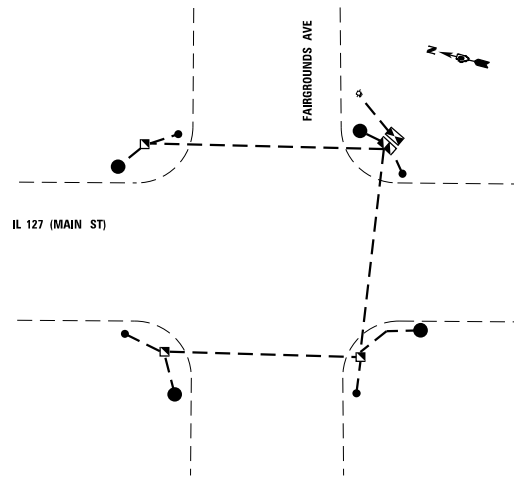
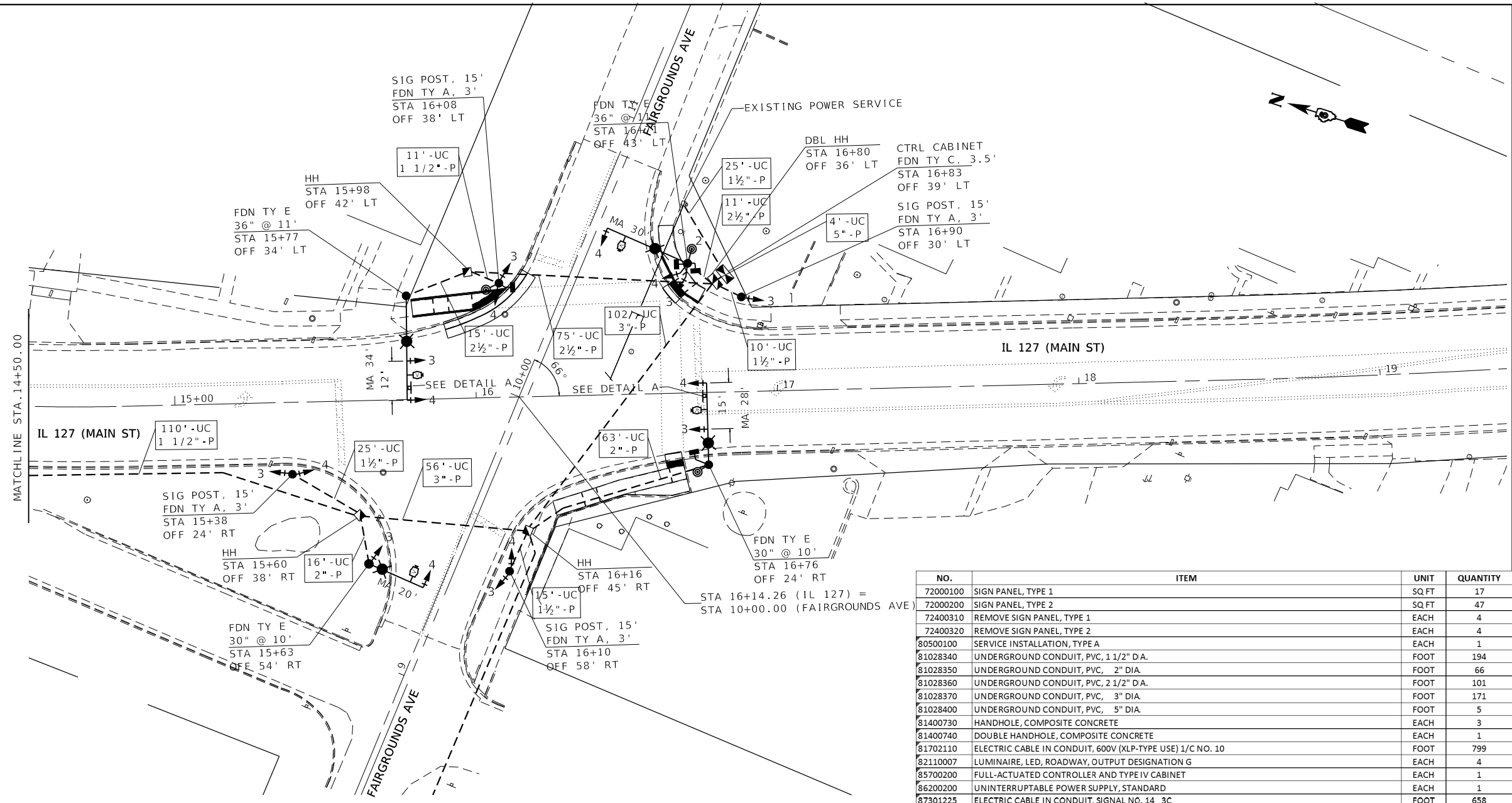
\*325, 42A (IL 16, 127)





PR SIGN PANEL, TYPE 1 (24"x36")  
ATTACHED TO MAST ARM, 1 EACH  
QTY - 6 SF x 1 EACH = 6 SF

**DETAIL A**



**GROUNDING DIAGRAM**

**PROPOSED TRAFFIC SIGNAL NOTES:**

- UTILITY INFORMATION SHOWN ON THE PLAN SHEETS IS CONSIDERED TO BE FOR INFORMATION ONLY. ALL SUBSURFACE UTILITIES SHALL BE POTHOLED IN THE VICINITY OF THE PROPOSED CONCRETE SIGNAL FOUNDATIONS TO DETERMINE ACTUAL LOCATION OF THE VARIOUS UTILITIES. ANY ADJUSTMENTS THAT NEED TO BE MADE TO AVOID EXISTING UTILITIES SHALL BE APPROVED BY THE ENGINEER. THIS WORK WILL NOT BE PAID FOR SEPARATELY AND SHALL BE CONSIDERED INCLUDED IN THE COST OF "CONCRETE FOUNDATIONS, TY A, C & E;"
- PROPOSED SIGNAL HEADS SHALL BE COVERED AND SECURED BY A METHOD APPROVED BY THE ENGINEER UNTIL THEY ARE PERMANENTLY TURNED ON;
- WHEN TRANSITIONING FROM TEMPORARY TO PROPOSED SIGNALS, THE INTERSECTION SHALL BE PLACED ON FLASHING RED MODE AND ALL DIRECTIONS SHALL BE FLAGGED UNTIL THE PROPOSED SIGNALS ARE FUNCTIONING PROPERLY;
- SEE SIGN DETAIL SHEETS FOR PROPOSED SIGN AND SIGN ASSEMBLIES ATTACHED TO SIGNAL POLES AND MAST ARMS;
- SEE BORING LOGS FOR EXPECTED SOIL TYPES WHEN DRILLING FOR CONCRETE FOUNDATIONS, TY E.
- IDOT OPERATIONS STAFF SHALL BE NOTIFIED 72 HOURS PRIOR TO PROPOSED SIGNAL TURN-ON. OPERATIONS STAFF SHALL BE PRESENT AT THE TIME OF TURN-ON TO PROGRAM AND APPROVE OF SIGNAL TIMING AND DETECTION LAYOUT. PHONE: 217-558-6718

NO.	ITEM	UNIT	QUANTITY
72000100	SIGN PANEL, TYPE 1	SQ FT	17
72000200	SIGN PANEL, TYPE 2	SQ FT	47
72400310	REMOVE SIGN PANEL, TYPE 1	EACH	4
72400320	REMOVE SIGN PANEL, TYPE 2	EACH	4
80500100	SERVICE INSTALLATION, TYPE A	EACH	1
81028340	UNDERGROUND CONDUIT, PVC, 1 1/2" D.A.	FOOT	194
81028350	UNDERGROUND CONDUIT, PVC, 2" DIA.	FOOT	66
81028360	UNDERGROUND CONDUIT, PVC, 2 1/2" D.A.	FOOT	101
81028370	UNDERGROUND CONDUIT, PVC, 3" DIA.	FOOT	171
81028400	UNDERGROUND CONDUIT, PVC, 5" DIA.	FOOT	5
81400730	HANDHOLE, COMPOSITE CONCRETE	EACH	3
81400740	DOUBLE HANDHOLE, COMPOSITE CONCRETE	EACH	1
81702110	ELECTRIC CABLE IN CONDUIT, 600V (XLP-TYPE USE) 1/C NO. 10	FOOT	799
82110007	LUMINAIRE, LED, ROADWAY, OUTPUT DESIGNATION G	EACH	4
85700200	FULL-ACTUATED CONTROLLER AND TYPE IV CABINET	EACH	1
86200200	UNINTERRUPTABLE POWER SUPPLY, STANDARD	EACH	1
87301225	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 3C	FOOT	658
87301245	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 5C	FOOT	1409
87301265	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 9C	FOOT	594
87301290	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 18 3C	FOOT	742
87301805	ELECTRIC CABLE IN CONDUIT, SERVICE, NO. 6 2 C	FOOT	28
87301900	ELECTRIC CABLE IN CONDUIT, EQUIPMENT GROUNDING CONDUCTOR, NO. 6 1C	FOOT	537
87502690	TRAFFIC SIGNAL POST, ALUMINUM 15 FT.	EACH	4
87702830	STEEL COMBINATION MAST ARM ASSEMBLY AND POLE 20 FT.	EACH	1
87702870	STEEL COMBINATION MAST ARM ASSEMBLY AND POLE 28 FT.	EACH	1
87702880	STEEL COMBINATION MAST ARM ASSEMBLY AND POLE 30 FT.	EACH	1
87702900	STEEL COMBINATION MAST ARM ASSEMBLY AND POLE 34 FT.	EACH	1
87800100	CONCRETE FOUNDATION, TYPE A	FOOT	12
87800150	CONCRETE FOUNDATION, TYPE C	FOOT	3.5
87800400	CONCRETE FOUNDATION, TYPE E 30-INCH DIAMETER	FOOT	20
87800415	CONCRETE FOUNDATION, TYPE E 36-INCH DIAMETER	FOOT	22
88040070	SIGNAL HEAD, POLYCARBONATE, LED, 1-FACE, 3-SECTION, BRACKET MOUNTED	EACH	2
88040090	SIGNAL HEAD, POLYCARBONATE, LED, 1-FACE, 3-SECTION, MAST ARM MOUNTED	EACH	2
88040120	SIGNAL HEAD, POLYCARBONATE, LED, 1-FACE, 4-SECTION, MAST ARM MOUNTED	EACH	4
88040250	SIGNAL HEAD, POLYCARBONATE, LED, 2-FACE, 1-3 SECTION, 1-4 SECTION, BRACKET MOUNTED	EACH	4
88102717	PEDESTRIAN SIGNAL HEAD, LED, 1-FACE, BRACKET MOUNTED WITH COUNTDOWN TIMER	EACH	2
88102747	PEDESTRIAN SIGNAL HEAD, LED, 2-FACE, BRACKET MOUNTED WITH COUNTDOWN TIMER	EACH	1
88200510	TRAFFIC SIGNAL BACKPLATE, RETROREFLECTIVE	EACH	16
88800100	PEDESTRIAN PUSH-BUTTON	EACH	4
89000100	TEMPORARY TRAFFIC SIGNAL INSTALLATION	EACH	1
89502375	REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT	EACH	34
89502380	REMOVE EXISTING HANDHOLE	EACH	3
89502382	REMOVE EXISTING DOUBLE HANDHOLE	EACH	1
89502385	REMOVE EXISTING CONCRETE FOUNDATION	EACH	8
X0326266	ETHERNET SWITCH	EACH	1
X8710029	FIBER OPTIC CABLE 24 FIBERS, SINGLE MODE	FOOT	308
20010688	CAMERA MOUNTING ASSEMBLY	EACH	4
20033072	VIDEO VEHICLE DETECTION SYSTEM	EACH	1

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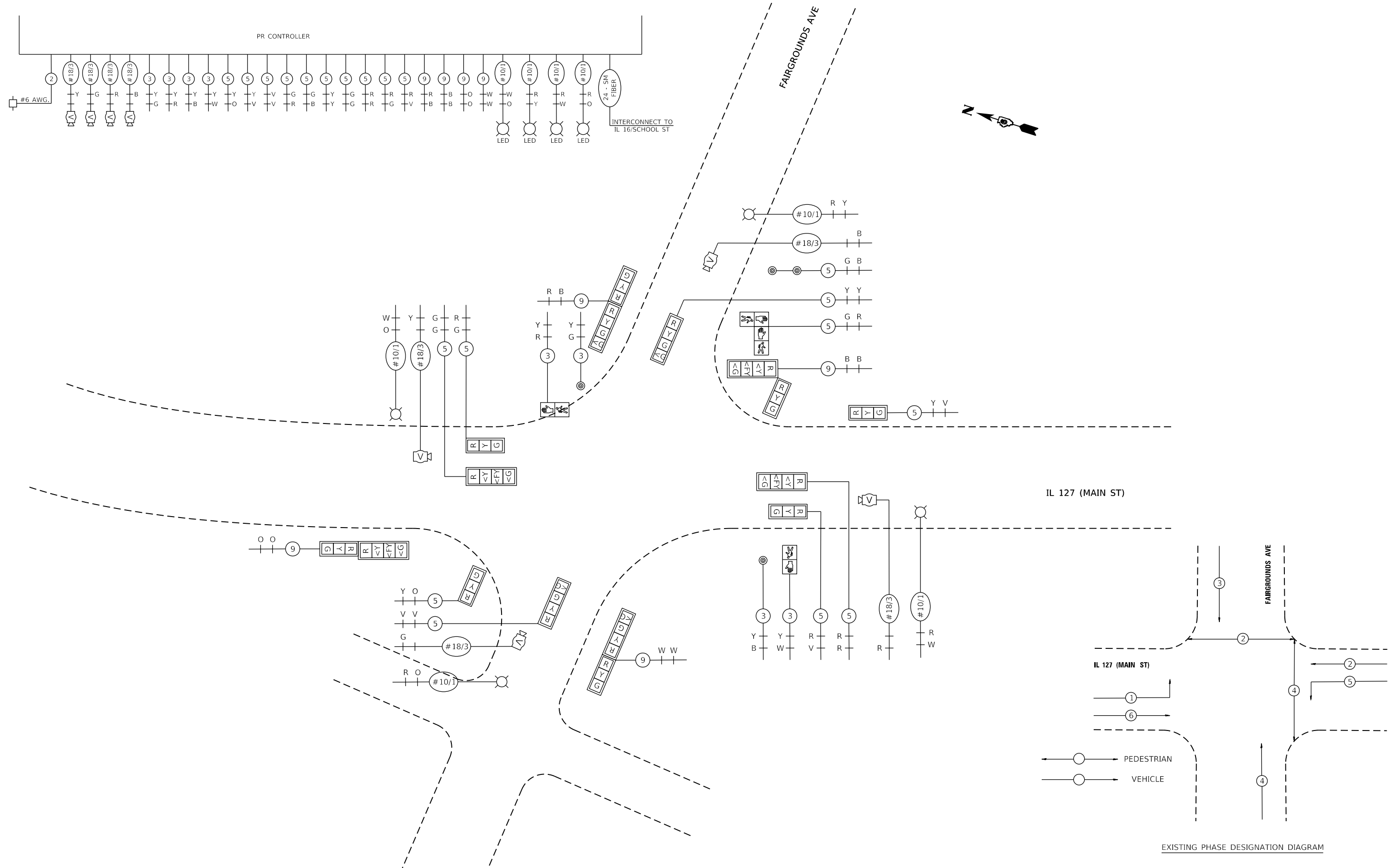
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PLOT DATE = 11/25/2020	DATE -	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

<b>PROPOSED TRAFFIC SIGNAL PLAN</b>			
<b>IL 127 (MAIN ST) &amp; FAIRGROUNDS AVE</b>			
SCALE:	SHEET 11	OF 12 SHEETS	STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	(104)SW-1,TS(105)SW-1,TS-1	MONTGOMERY	052	041
ILLINOIS FED. AID PROJECT			CONTRACT NO. 72L84	

\*325, 42A (IL 16, 127)



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PLOT DATE = 10/19/2020	DATE -	REVISED -

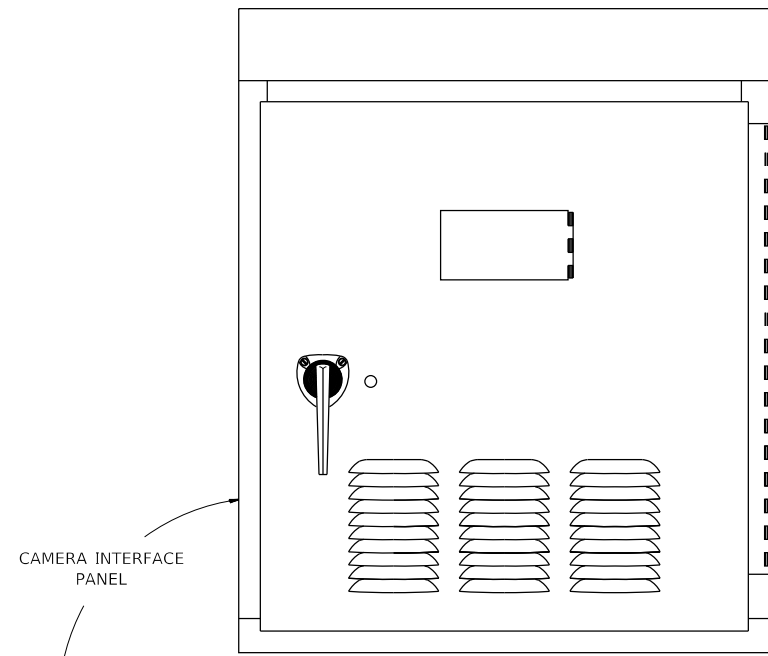
**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

<b>PROPOSED TRAFFIC SIGNAL DETAIL          IL 127 (MAIN ST) &amp; FAIRGROUNDS AVE</b>			
SCALE:	SHEET 12 OF 12 SHEETS	STA.	TO STA.

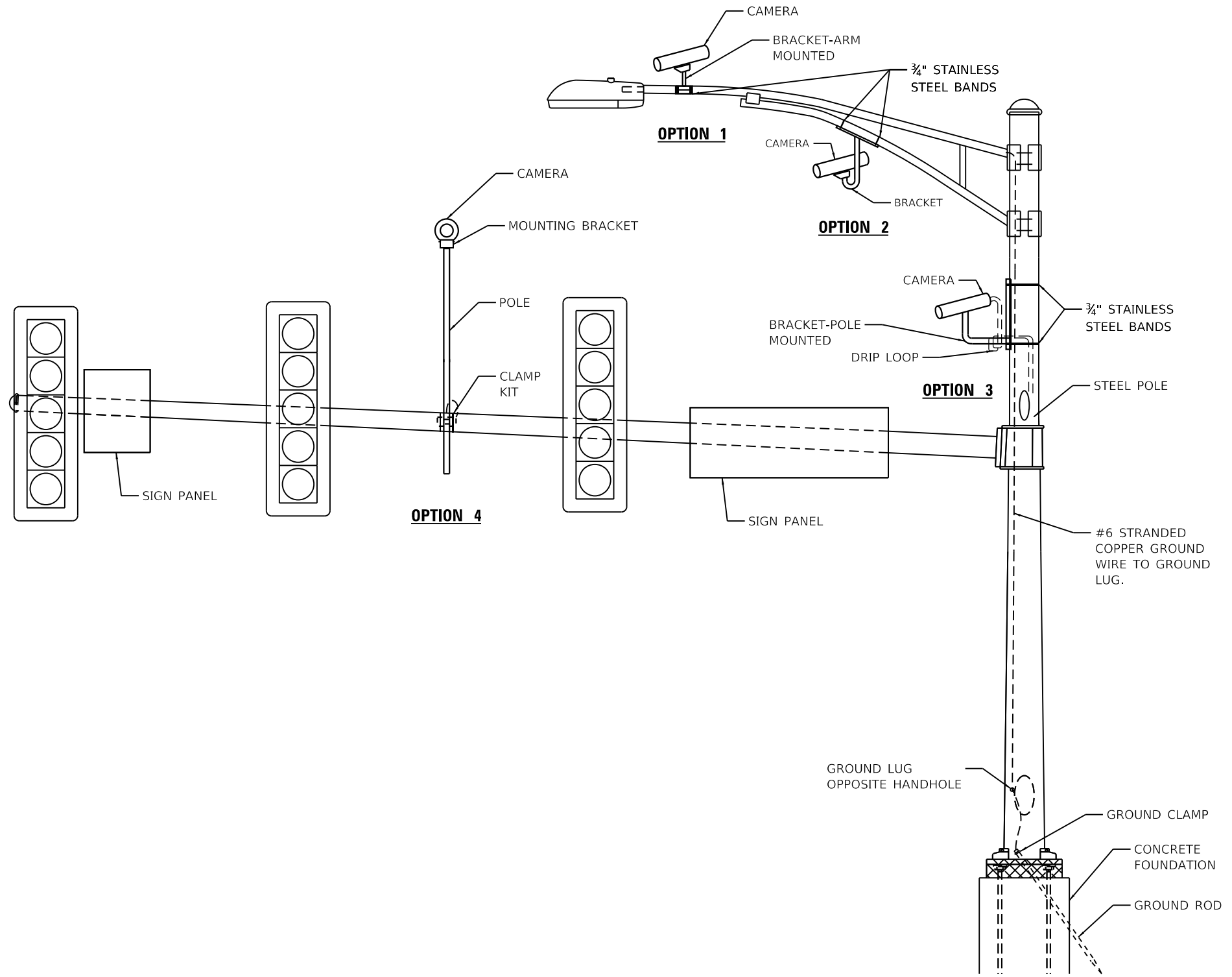
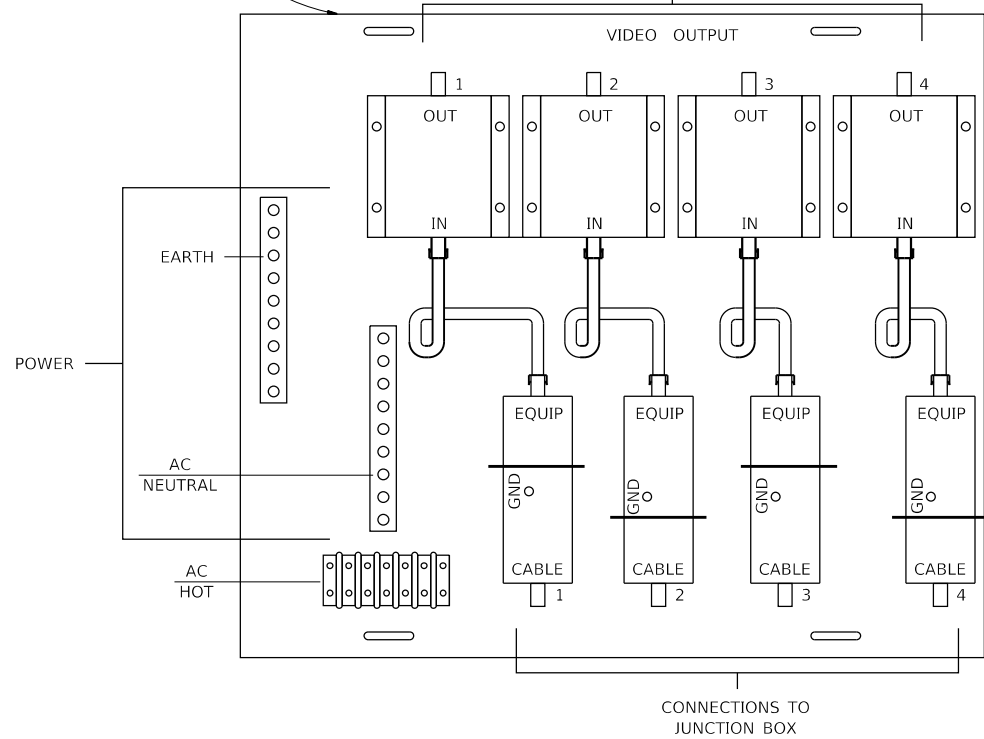
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	(104)SW-1,TS(105)SW-1,TS-1	MONTGOMERY	052	042
ILLINOIS FED. AID PROJECT			CONTRACT NO. 72L84	

EXISTING PHASE DESIGNATION DIAGRAM

\*325, 42A (IL 16, 127)



TO VIDEO DETECTION PROCESSOR



**VIDEO DETECTION SYSTEM INSTALLATION  
ARM MOUNTED, MAST-ARM MOUNTED, OR POLE MOUNTED**

MODEL: Default  
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	DATE -	REVISED -

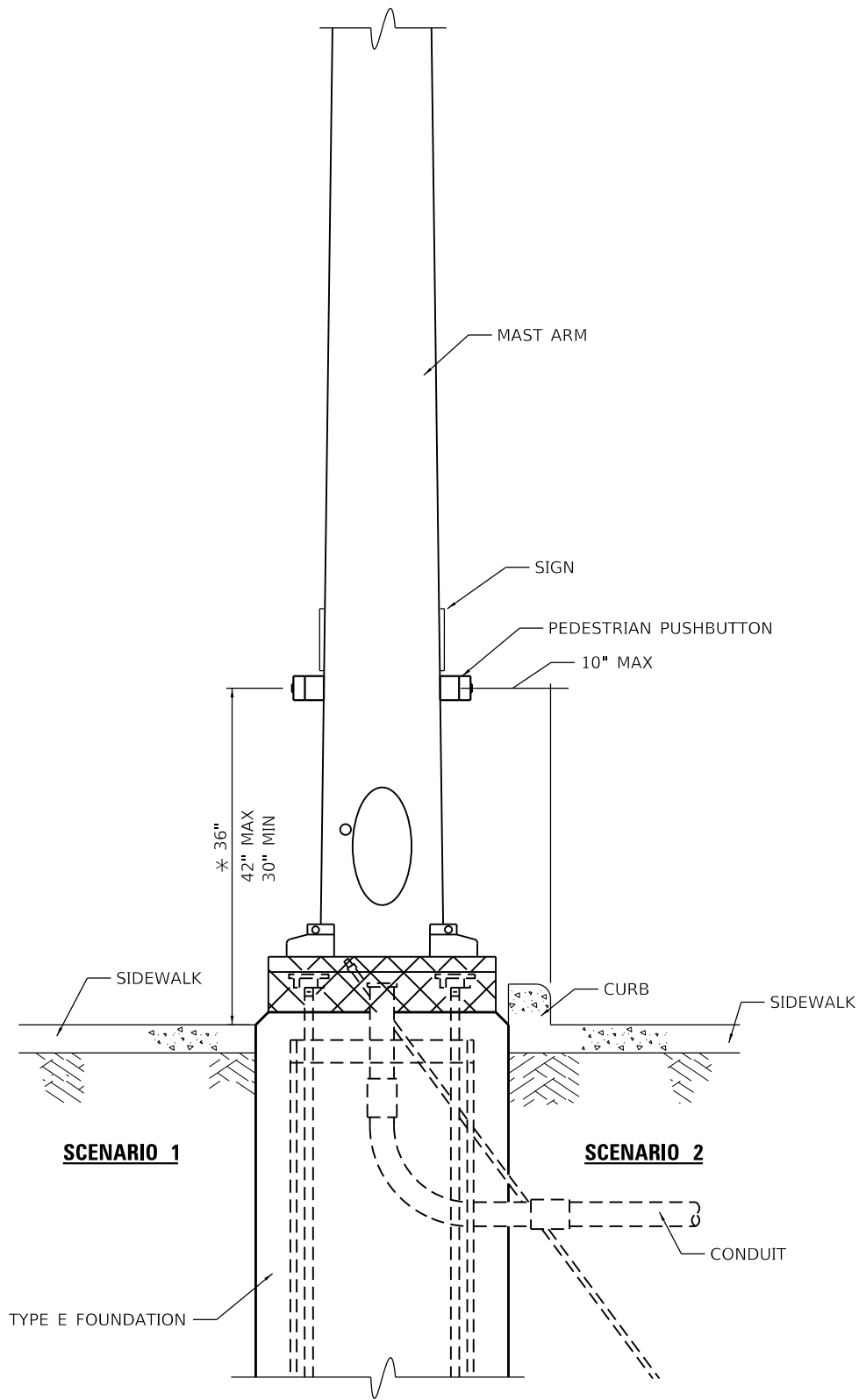
**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**DISTRICT SIX  
VIDEO DETECTION SYSTEM INSTALLATION DETAIL**

SCALE: SHEET OF SHEETS STA. TO STA.

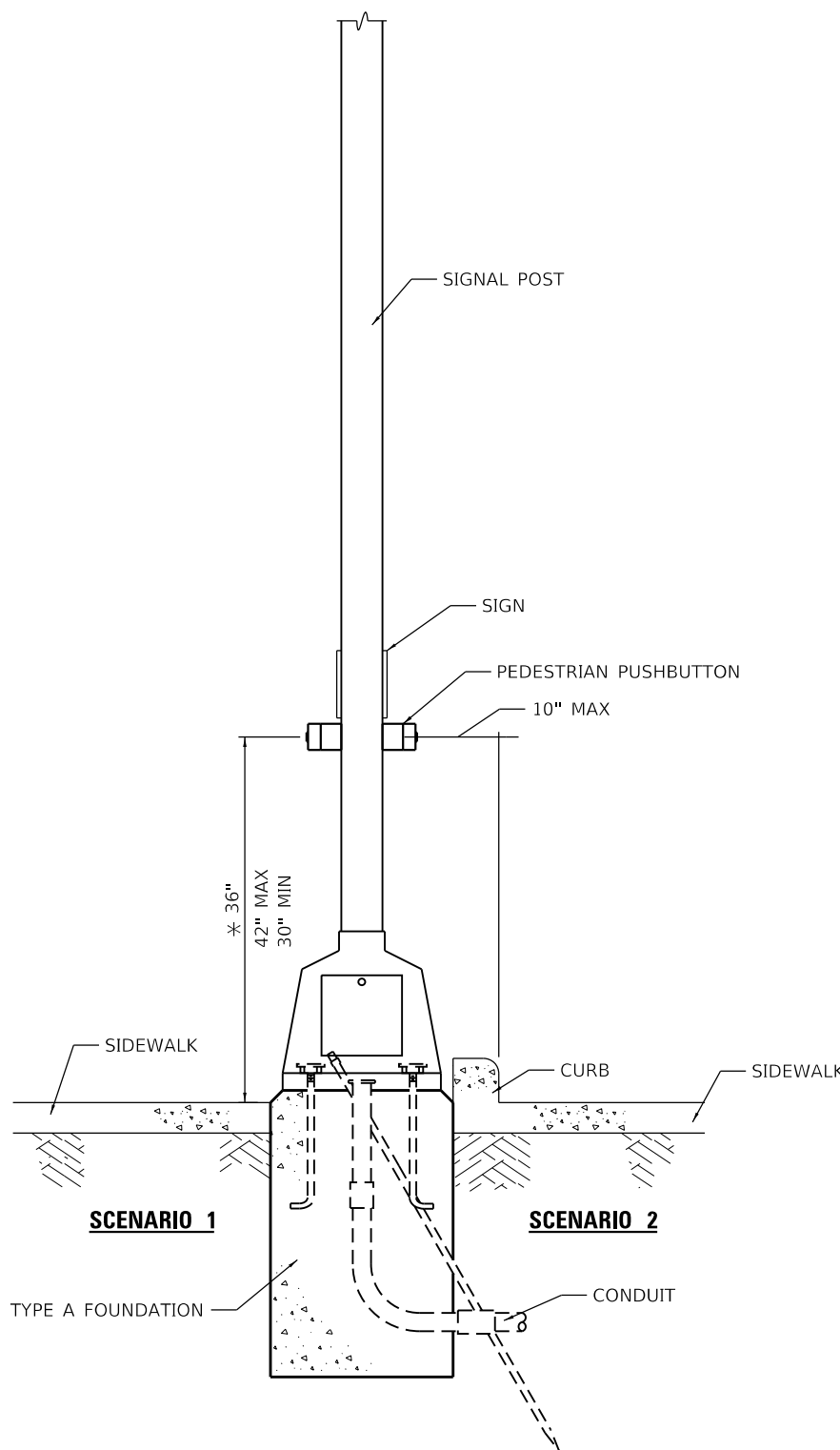
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CONTRACT NO. 72L84				
ILLINOIS FED. AID PROJECT				

\*325, 42A (IL 16, 127)

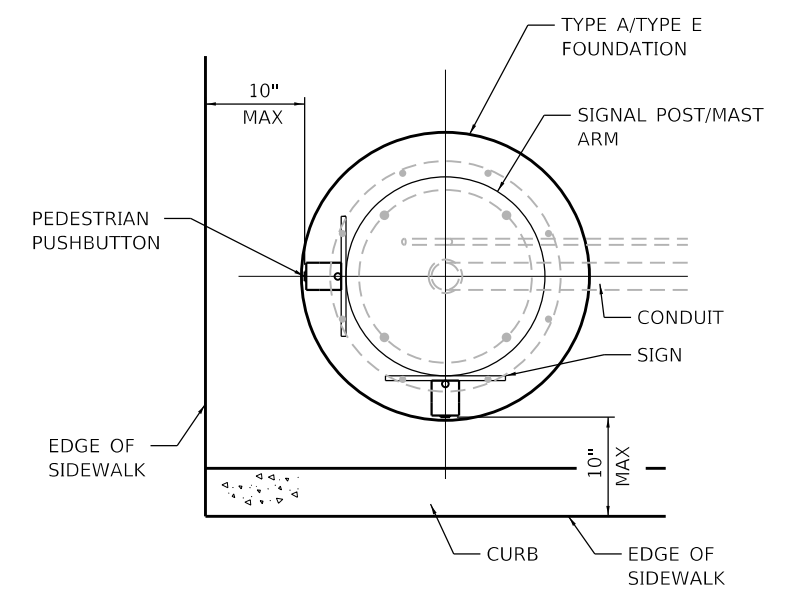


**PEDESTRIAN PUSHBUTTON INSTALLATION,  
MAST ARM**

\* 36" PREFERRED



**PEDESTRIAN PUSHBUTTON INSTALLATION,  
SIGNAL POST**



**PEDESTRIAN PUSHBUTTON INSTALLATION,  
TOP VIEW**  
NOT TO SCALE

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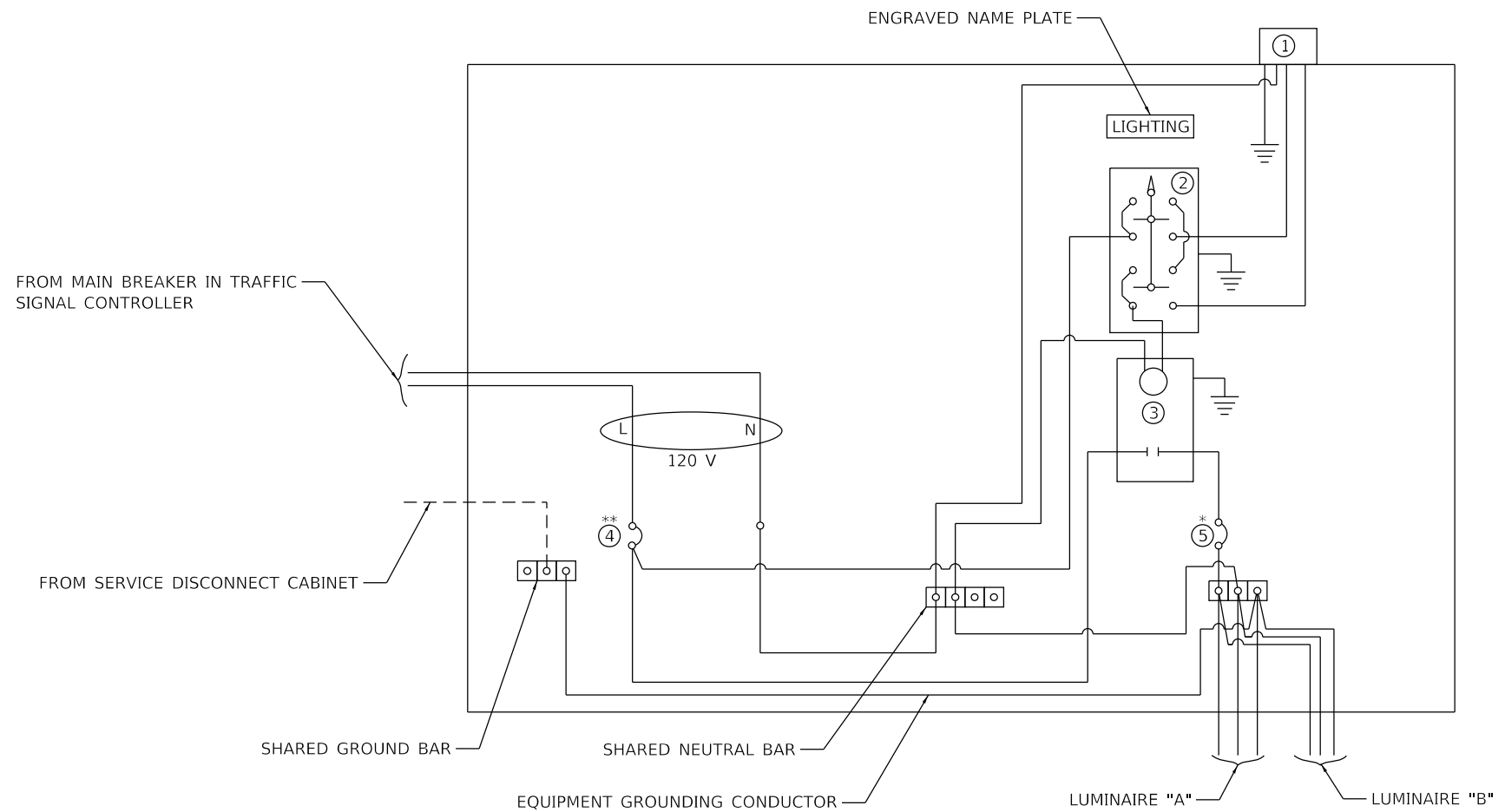
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	DATE -	REVISIED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**DISTRICT SIX  
PEDESTRIAN PUSHBUTTON INSTALLATION DETAIL**

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	(104)SW-1,TS(105)SW-1,TS-1	MONTGOMERY	052	044
CONTRACT NO. 72L84				

\*325, 42A (IL 16, 127)



**LEGEND**

- GROUND CONNECTED TO SHARED GROUND BAR
  - INDICATES SHARED WITH TRAFFIC SIGNAL CONTROLLER EQUIPMENT
  - ① PHOTOCCELL WITH INTEGRAL SURGE ARRESTER
  - ② HAND-OFF-AUTO SELECTOR SWITCH
  - ③ 30 AMP, 1 POLE, ELECTRICALLY HELD CONTACTOR
  - ④ 20 AMP, 1 POLE, CIRCUIT BREAKER
  - ⑤ 15 AMP, 1 POLE, BRANCH BREAKER
- \*QUANTITY OF BRANCH BREAKERS SHALL DEPEND ON THE COMBINATION LIGHTING CIRCUIT DIAGRAM OR AS DIRECTED BY THE ENGINEER
- \*\*SIZE LARGER AS NEEDED

**COMBINATION LIGHTING CONTROLLER WIRING DIAGRAM**

**GENERAL NOTES**

1. ALL CONTROL INSTALLATION COMPONENTS SHALL BE U.L. LISTED.
2. ALL WIRING SHALL BE NEATLY DRESSED, IDENTIFIED BY TAGS, AND SUPPORTED.
3. THE CIRCUIT BREAKER SHALL BE CLEARLY LABELED FOR LIGHTING ACCORDING TO ARTICLE 1068.01(e)(f) OF THE STANDARD SPECIFICATIONS.
4. INSTALL UNDER EAVE PHOTOCCELL ON TRAFFIC SIGNAL CONTROLLER CABINET PER ARTICLE 1068.01(e)(2) OF THE STANDARD SPECIFICATIONS.
5. ALL LIGHTING EQUIPMENT SHALL BE INSTALLED ON A SIDE MOUNTED INSULATED SUBPANEL PER ARTICLE 1068.01(e)(9) OF THE STANDARD SPECIFICATIONS ON THE LOWER RIGHT HAND SIDE OF TRAFFIC SIGNAL CONTROLLER OR AS DIRECTED BY THE ENGINEER.
6. PROVIDED AN ENGRAVED STAINLESS STEEL NAMEPLATE ON THE SUB PANEL READING "LIGHTING".

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**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**COMBINATION LIGHTING CONTROLLER DETAIL**

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	(104)SW-1,TS(105)SW-1,TS-1	MONTGOMERY	052	045
CONTRACT NO. 72L84				

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PLOT DATE = 10/19/2020	DATE -	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**IL 16/IL 127  
SOIL BORING LOGS**

SCALE: SHEET 12 OF 12 SHEETS STA. TO STA.

F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	(104)SW-1,TS(105)SW-1,TS-1	MONTGOMERY	052	045A
CONTRACT NO. 72L84				
ILLINOIS FED. AID PROJECT				

\*325, 42A (IL 16, 127)

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PLOT DATE = 10/19/2020	DATE -	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**IL 16/IL 127  
SOIL BORING LOGS**

SCALE: SHEET 12 OF 12 SHEETS STA. TO STA.

F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	(104)SW-1,TS(105)SW-1,TS-1	MONTGOMERY	052	045B
CONTRACT NO. 72L84				
ILLINOIS FED. AID PROJECT				

\*325, 42A (IL 16, 127)

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**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

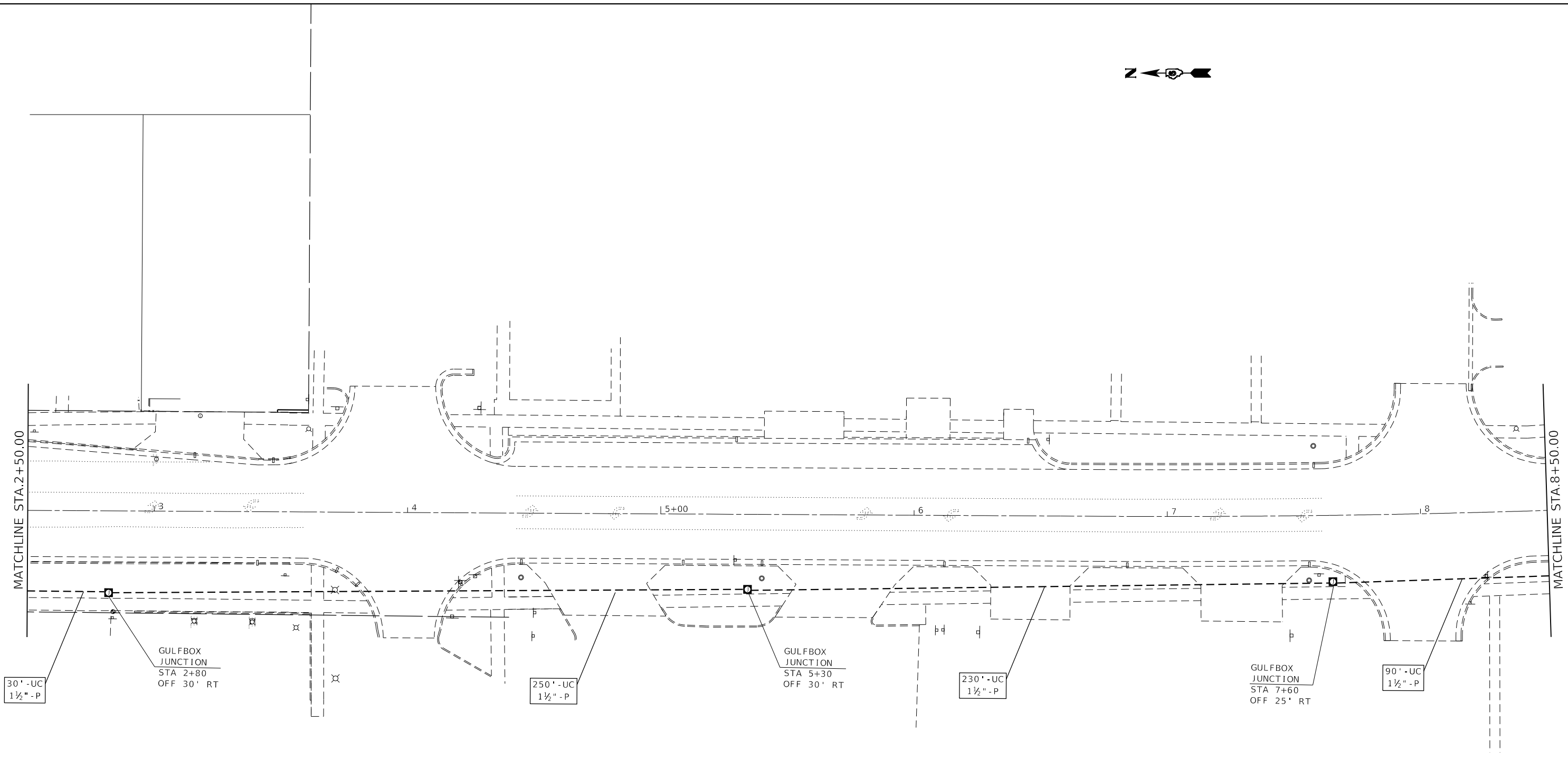
**IL 16/IL 127  
SOIL BORING LOGS**

SCALE: SHEET 12 OF 12 SHEETS STA. TO STA.

F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	(104)SW-1,TS(105)SW-1,TS-1	MONTGOMERY	052	045C
CONTRACT NO. 72L84				
ILLINOIS FED. AID PROJECT				

\*325, 42A (IL 16, 127)





PAY ITEM NO.	ITEM	UNIT	INTERCONNECT QUANTITY
81028340	UNDERGROUND CONDUIT, PVC, 1 1/2" DIA.	FOOT	600
81500120	GULFBOX JUNCTION, COMPOSITE CONCRETE	EACH	3
X8710029	FIBER OPTIC CABLE 24 FIBERS, SINGLE MODE	FOOT	605

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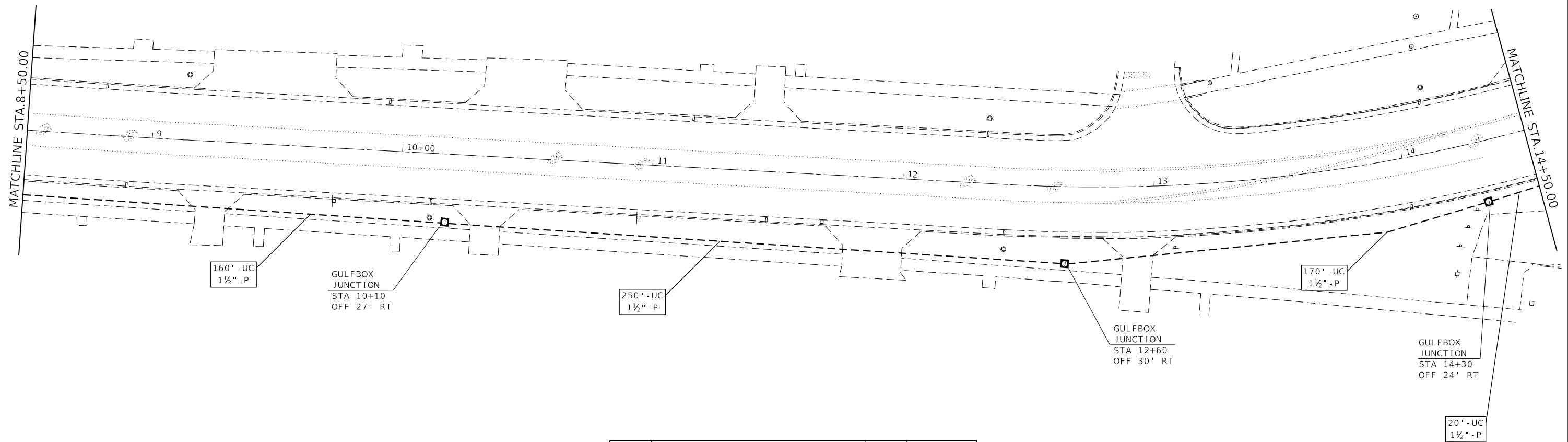
**STATE OF ILLINOIS**  
**DEPARTMENT OF TRANSPORTATION**

**PR INTERCONNECT**  
**IL 127 (MAIN ST)**

SCALE:      SHEET 1      OF 2      SHEETS      STA.      TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	(104)SW-1,TS(105)SW-1,TS-1	MONTGOMERY	052	046
CONTRACT NO. 72L84				
ILLINOIS FED. AID PROJECT				

\*325, 42A (IL 16, 127)



PAY ITEM NO.	ITEM	UNIT	INTERCONNECT QUANTITY
81028340	UNDERGROUND CONDUIT, PVC, 1 1/2" DIA.	FOOT	600
81500120	GULFBOX JUNCTION, COMPOSITE CONCRETE	EACH	3
X8710029	FIBER OPTIC CABLE 24 FIBERS, SINGLE MODE	FOOT	605

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

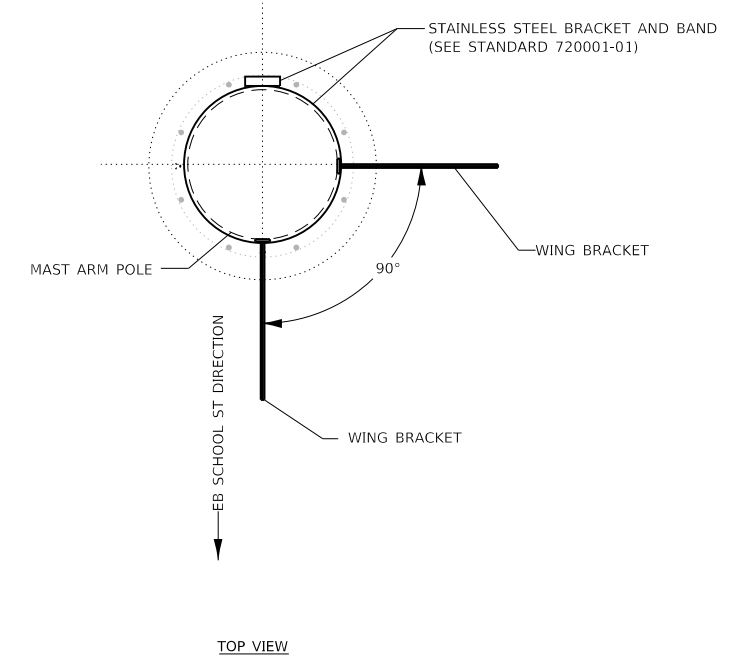
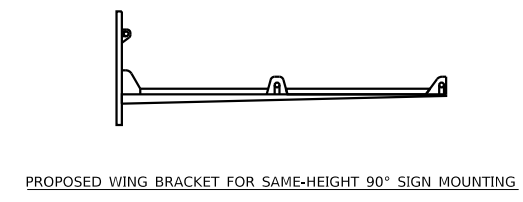
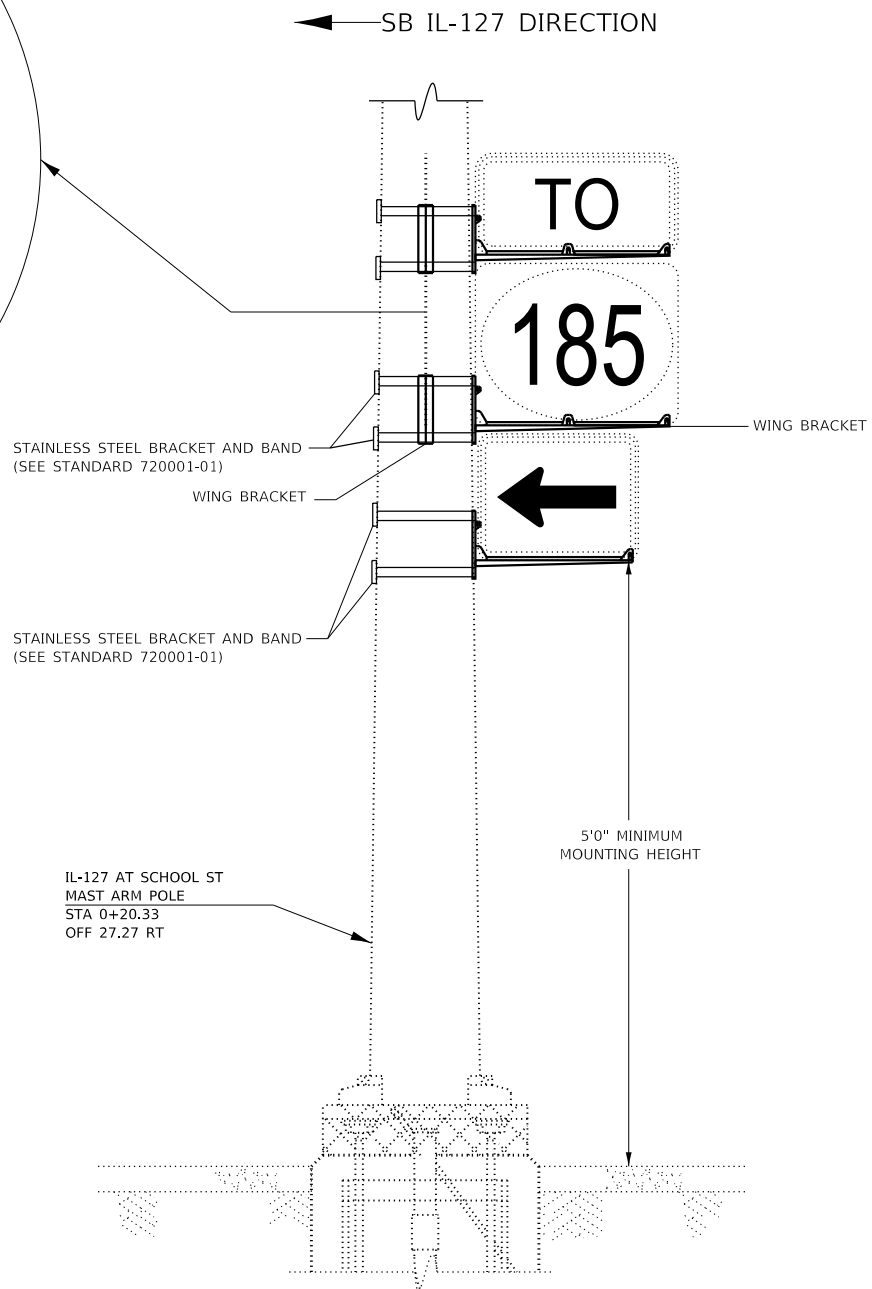
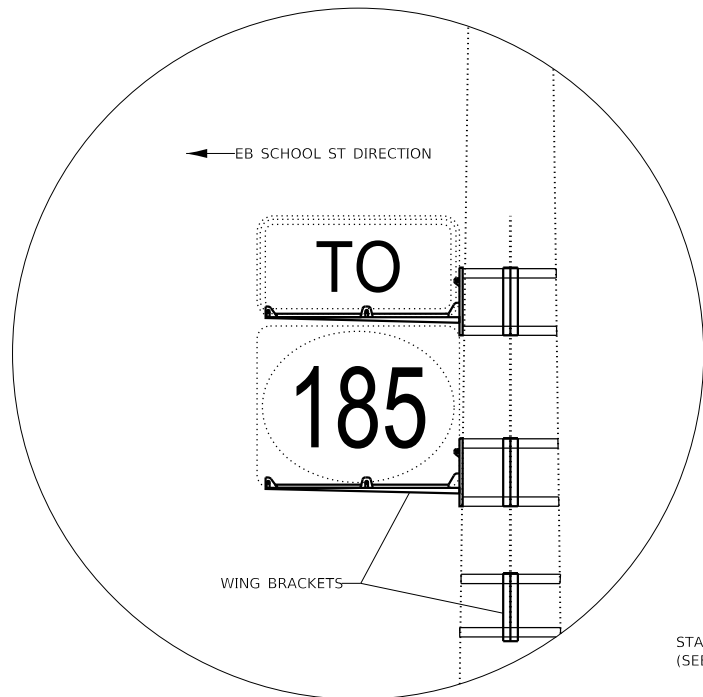
**PR INTERCONNECT**  
**IL 127 (MAIN ST)**

SCALE: SHEET 2 OF 2 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	(104)SW-1,TS(105)SW-1,TS-1	MONTGOMERY	052	047
CONTRACT NO. 72L84				
ILLINOIS FED. AID PROJECT				

\*325, 42A (IL 16, 127)

SIGNING SCHEDULE													
STATION	OFFSET	LT / RT	STREET	SIGN #	SIGN DESCRIPTION	LENGTH	WIDTH	72000100	72000200	72400310	72400320	X7350010	REMARKS
								SIGN PANEL - TYPE 1	SIGN PANEL - TYPE 2	REMOVE SIGN PANEL - TYPE 1	REMOVE SIGN PANEL - TYPE 2	SIGN SUPPORT BRACKET	
						FOOT	FOOT	SQ FT	SQ FT	EACH	EACH	EACH	
0+20.33	27.27	RT	SCHOOL ST	D3-1	MAIN STREET	4.16	1.66	6.91		1			
40+55.45	33.90	LT	SCHOOL ST	D3-1	SCHOOL STREET	5.08	1.66	8.43		1			
0+20.33	27.27	RT	SCHOOL ST	D3-1	SCHOOL STREET	5.08	1.66	8.43		1			
0+20.33	27.27	RT	SCHOOL ST		LEFT TURN YIELD ON FLASHING <---	2.00	3.00	6.00		1			
15+63.11	54.23	RT	FAIRGROUNDS AVE	D3-1	VANDALIA ROAD	6.16	1.66		10.23		1		
16+71.19	42.98	LT	FAIRGROUNDS AVE	D3-1	VANDALIA ROAD	6.16	1.66		10.23		1		
16+76.60	24.00	RT	FAIRGROUNDS AVE	D3-1	FAIRGROUNDS AVENUE	7.83	1.66		13.00		1		
15+77.58	34.44	LT	FAIRGROUNDS AVE	D3-1	FAIRGROUNDS AVENUE	7.83	1.66		13.00		1		
15+77.58	34.44	LT	FAIRGROUNDS AVE		LEFT TURN YIELD ON FLASHING <---	2.00	3.00	6		1			
0+20.33	27.27	RT	SCHOOL ST	M6-1	DIRECTIONAL ARROW	1.75	1.25	2.19		1		1	See Sheet 048A
41+28.72	26.24	RT	SCHOOL ST	M6-1	DIRECTIONAL ARROW	1.75	1.25	2.19		1			
41+28.72	26.24	RT	SCHOOL ST	M6-3	DIRECTIONAL ARROW	1.75	1.25	2.19		1			
41+28.72	26.24	RT	SCHOOL ST	M1-5	STATE ROUTE IL 127	2.5	2	5		1			
41+28.72	26.24	RT	SCHOOL ST	M1-5	STATE ROUTE IL 16	2	2	4		1			
0+20.33	27.27	RT	SCHOOL ST	M1-5	STATE ROUTE IL 185	2.5	2	5		1		1	See Sheet 048A
0+20.33	27.27	RT	SCHOOL ST	M1-5	STATE ROUTE IL 185	2.5	2	5		1		1	See Sheet 048A
0+20.33	27.27	RT	SCHOOL ST	M4-5	"TO"	2	1	2		1		1	See Sheet 048A
0+20.33	27.27	RT	SCHOOL ST	M4-5	"TO"	2	1	2		1		1	See Sheet 048A
15+38.46	23.88	RT	FAIRGROUNDS AVE	S1-1	SCHOOL	3	3	6.75		1			
15+38.46	23.88	RT	FAIRGROUNDS AVE	W16-7P	DIAGONAL ARROW	2	1	2		1			
15+38.46	23.88	RT	FAIRGROUNDS AVE	W13-1P	ADVISORY SPEED 20 M.P.H.	1.5	1.5	2.25		1			
								76.33	46.45				
<b>TOTAL:</b>								<b>77</b>	<b>47</b>	<b>17</b>	<b>4</b>	<b>5</b>	



SAME-HEIGHT 90° SIGN MOUNTING DETAIL FOR MAST ARM POLE

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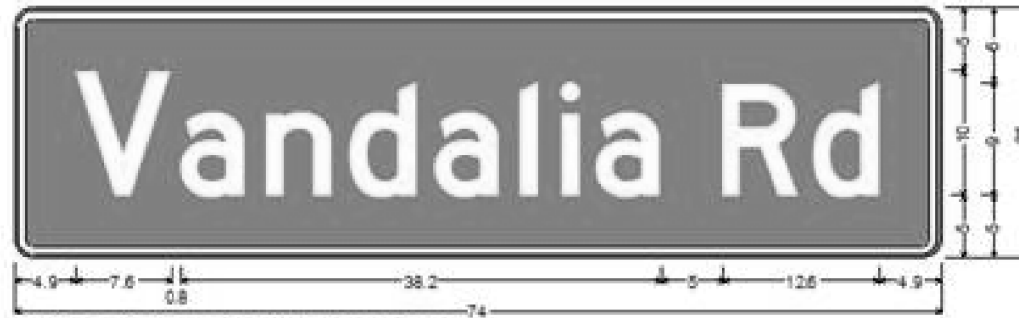
**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**WING BRACKET DETAIL**

SCALE: 1"=20'      SHEET    OF    SHEETS    STA.            TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
•	(104)SW-1,TS(105)SW-1,TS-1	MONTGOMERY	052	048A
CONTRACT NO. 72L84			ILLINOIS FED. AID PROJECT	

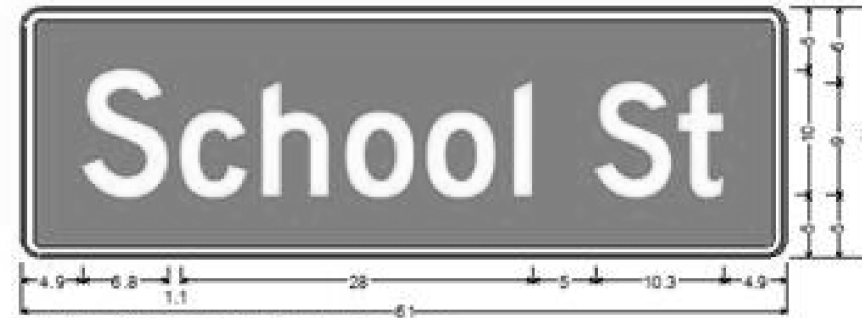
\*325, 42A (IL 16, 127)



1.5" Radius, 0.6" Border, 0.4" Indent, White on Green;  
"Vandalia Rd" D 2K;

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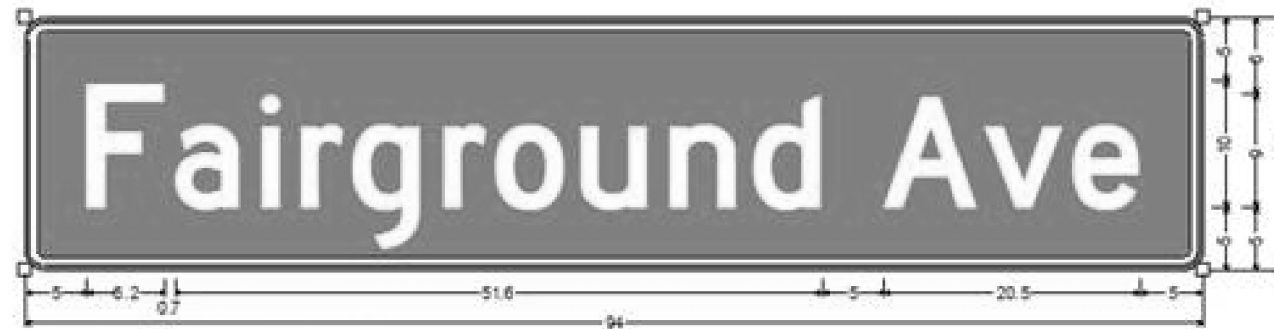
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4.9	7.6	0.8	5.1	1.7	5.3	1.4	5.4	1.3	5.2	1.7	1.4	1.8	1.5	1.3	5.1	5.0	6.2	1.0	5.4	4.9



1.5" Radius, 0.6" Border, 0.4" Indent, White on Green;  
"School St" D 2K;

Table of widths and spaces:

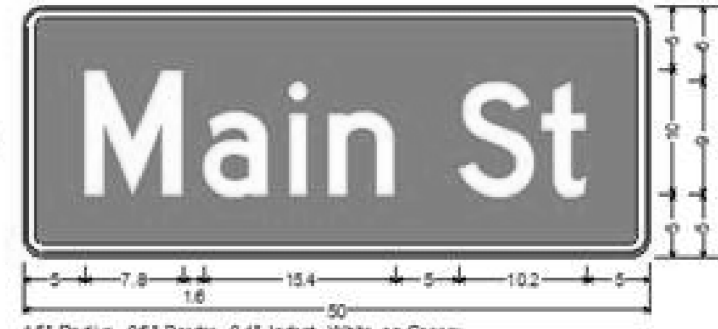
S	c	h	o	o	l	S	t									
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1.5" Radius, 0.6" Border, 0.4" Indent, White on Green;  
"Fairground Ave" D 2K;

Table of widths and spaces:

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1.5" Radius, 0.6" Border, 0.4" Indent, White on Green;  
"Main St" D 2K;

Table of widths and spaces:

M	a	i	n		S	t						
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STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

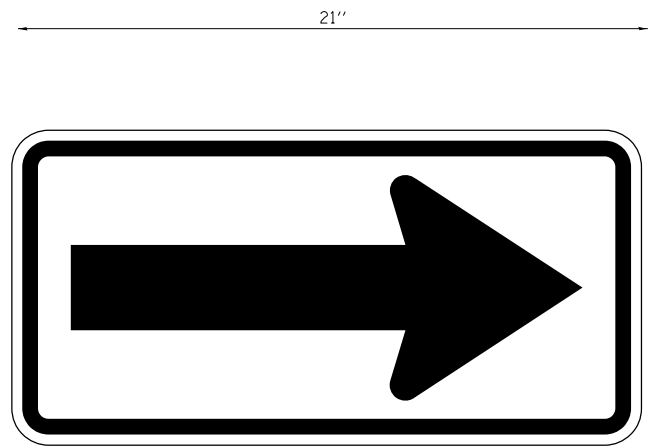
SIGNAGE DETAILS

SCALE: 1"=20' SHEET 2 OF 4 SHEETS STA. TO STA.

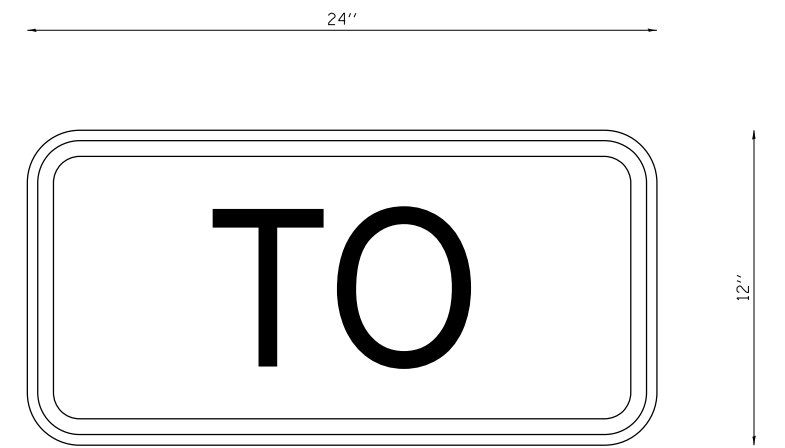
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			CONTRACT NO. 72L84	
ILLINOIS FED. AID PROJECT				



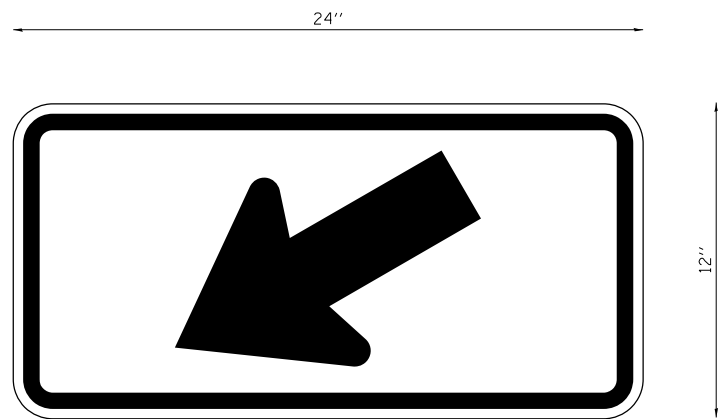
S1-1



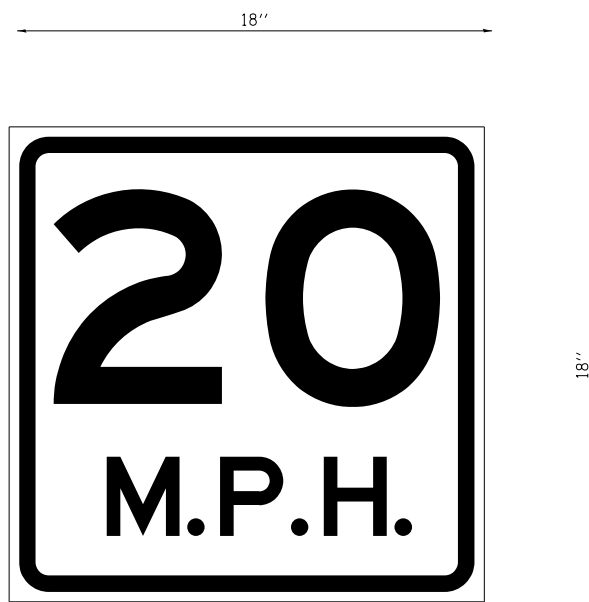
M6-1



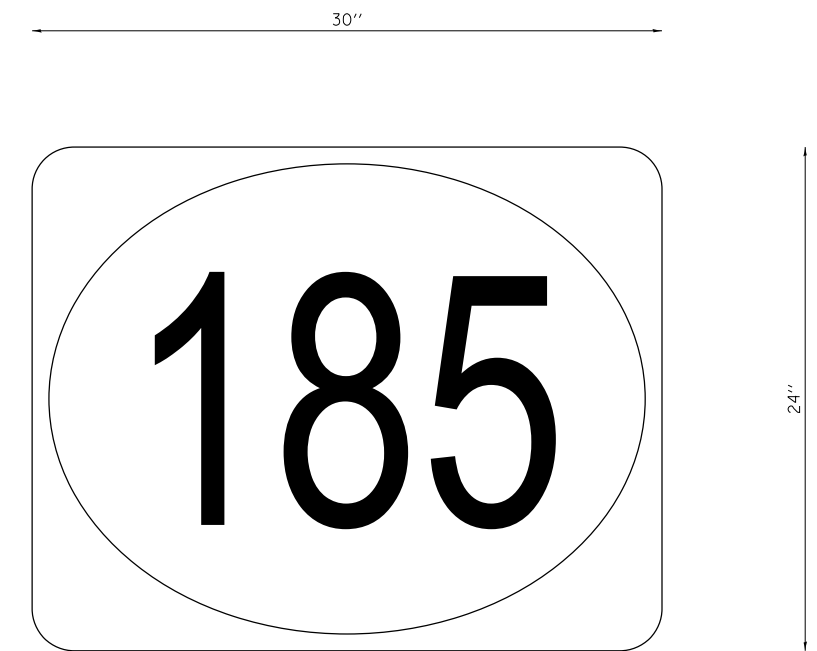
M4-5



W16-7P



W13-1P



M1-5

FILE NAME =	USER NAME = jackee	DESIGNED -	REVISED -
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	PLOT DATE = 10/19/2020	DATE -	REVISED -

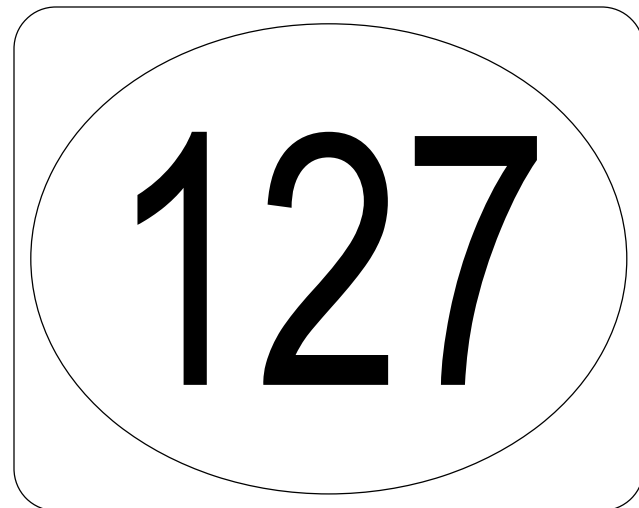
STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

SIGNAGE DETAILS

SCALE: 1"=20' SHEET 3 OF 4 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
•	(104)SW-1,TS(105)SW-1,TS-1	MONTGOMERY	052	050
ILLINOIS FED. AID PROJECT			CONTRACT NO. 72L84	

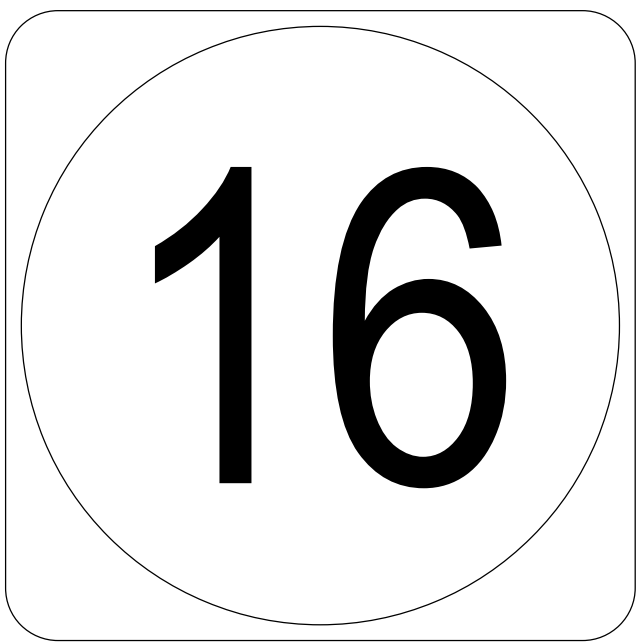
30"



24"

M1-5

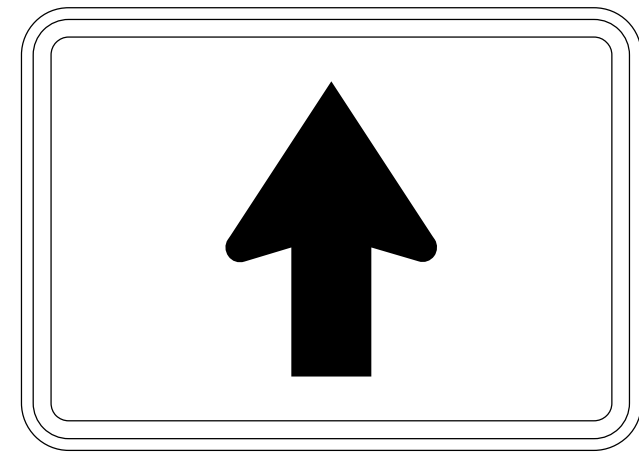
24"



24"

M1-5

21"



15"

M6-3

FILE NAME =	USER NAME = jackee	DESIGNED -	REVISED -
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	PLOT DATE = 10/19/2020	DATE -	REVISED -

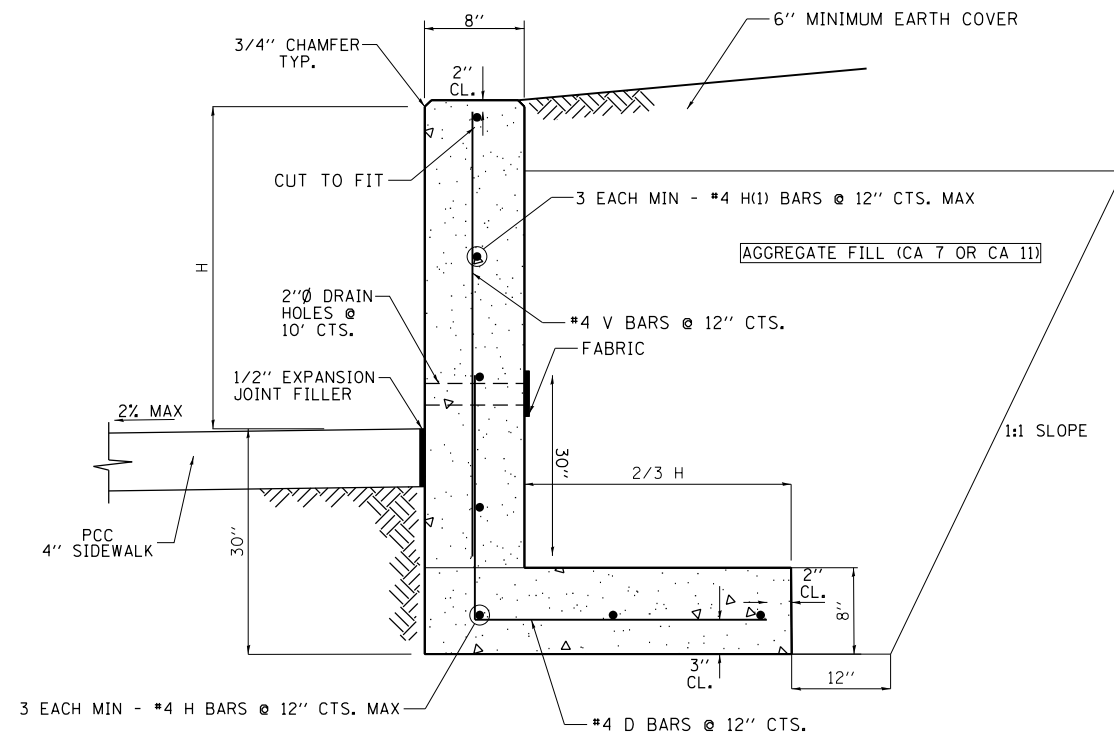
**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**SIGNAGE DETAILS**

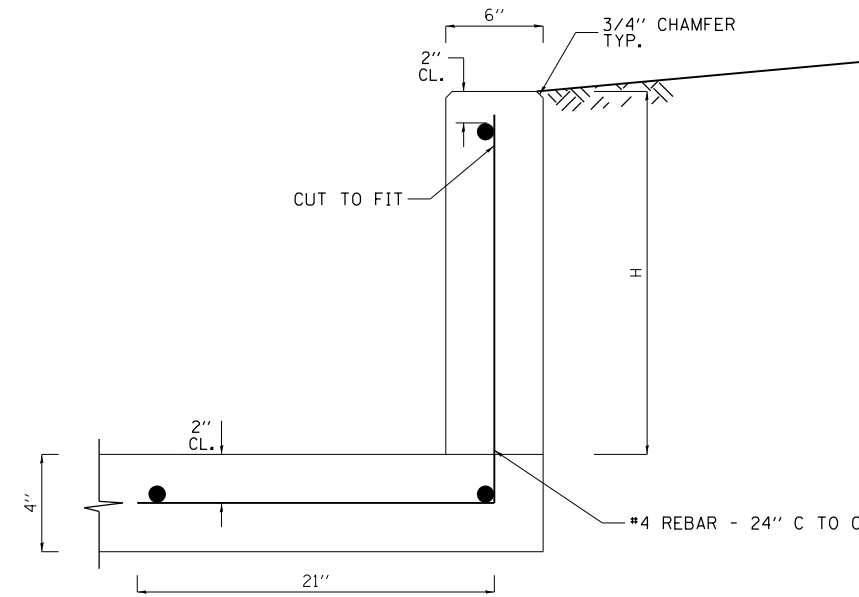
SCALE: 1"=20'    SHEET 4    OF 4    SHEETS    STA.    TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
•	(104)SW-1,TS(105)SW-1,TS-1	MONTGOMERY	052	051
ILLINOIS FED. AID PROJECT			CONTRACT NO. 72L84	

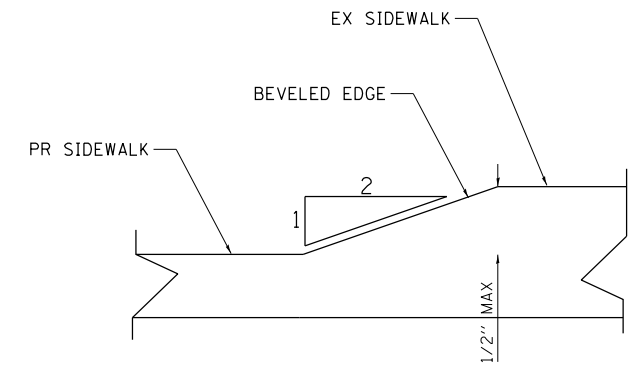
\*325, 42A (IL 16, 127)



**CONCRETE STRUCTURE (RETAINING WALL) DETAIL**



**CONCRETE CURB, TYPE B. SPECIAL DETAIL**



**BEVELED EDGE DETAIL**

**GENERAL NOTES**

1. WHEN TYING INTO EXISTING RETAINING WALL, 1 1/2" DIAMETER DOWEL BARS SHALL BE USED.
2. CONCRETE FOR WALLS AND STEPS SHALL BE CLASS SI CONCRETE. ALL WORK SHALL BE PERFORMED IN ACCORDANCE WITH SECTION 503 OF THE STANDARD SPECIFICATIONS. THE EXPOSED FACES OF WALLS SHALL BE A TEXTURED FINISH. FORM LINERS SHALL BE USED ON THE EXPOSED VERTICAL FACES AS DIRECTED AND APPROVED BY THE ENGINEER. ALL TRENCHES, REINFORCEMENT AND FORMWORK SHALL BE APPROVED BY THE ENGINEER PRIOR TO POURING CONCRETE WALLS OR FOOTINGS.
3. CONTRACTOR SHALL BE RESPONSIBLE FOR ANY EARTH RETENTION SYSTEMS AS REQUIRED TO CONSTRUCT WALLS TO PREVENT PROPERTY DAMAGE. ANY PROPERTY DAMAGE SHALL BE REPAIRED PER SECTION 107 OF THE STANDARD SPECIFICATIONS.

FILE NAME =	USER NAME = jackee	DESIGNED -	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>MISCELLANEOUS DETAILS</b>				F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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Default	PLOT SCALE = 24000.0000' / in.	CHECKED -	REVISED -		SCALE: 1"=20'	SHEET 1	OF 1	SHEETS	STA.	TO STA.	CONTRACT NO. 72L84		
	PLOT DATE = 10/19/2020	DATE -	REVISED -		ILLINOIS FED. AID PROJECT #325, 42A (IL 16, 127)								