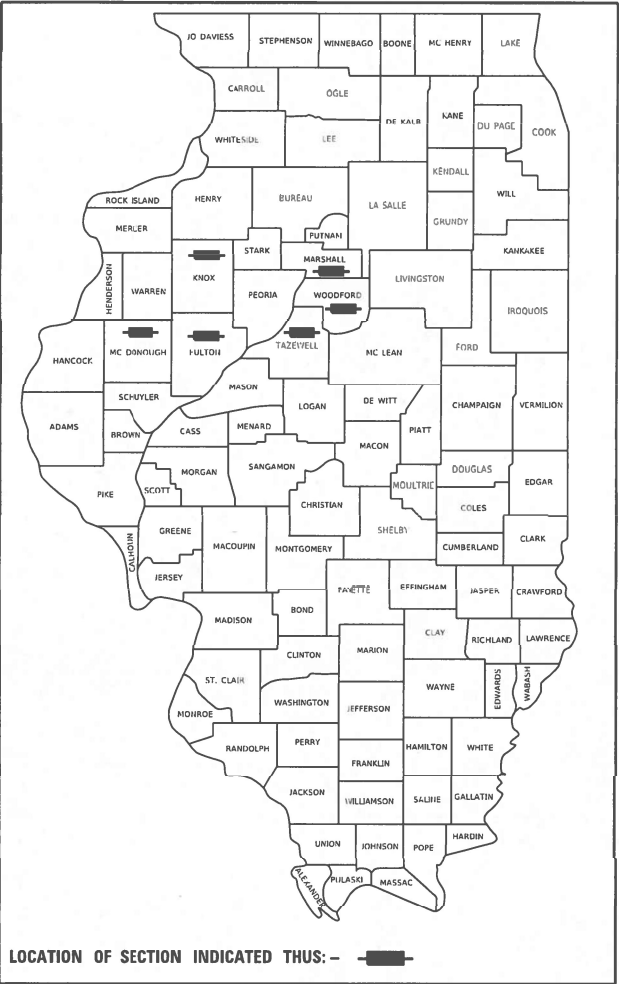


STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR.	D4 ADA PUSHBUTTONS 2024-1	ILLINOIS	76	1

CONTRACT NO. 68H77  
\* FULTON, KNOX, MARSHALL, MCDONOUGH,  
TAZEVELL & WOODFORD COUNTIES

D-94-054-23



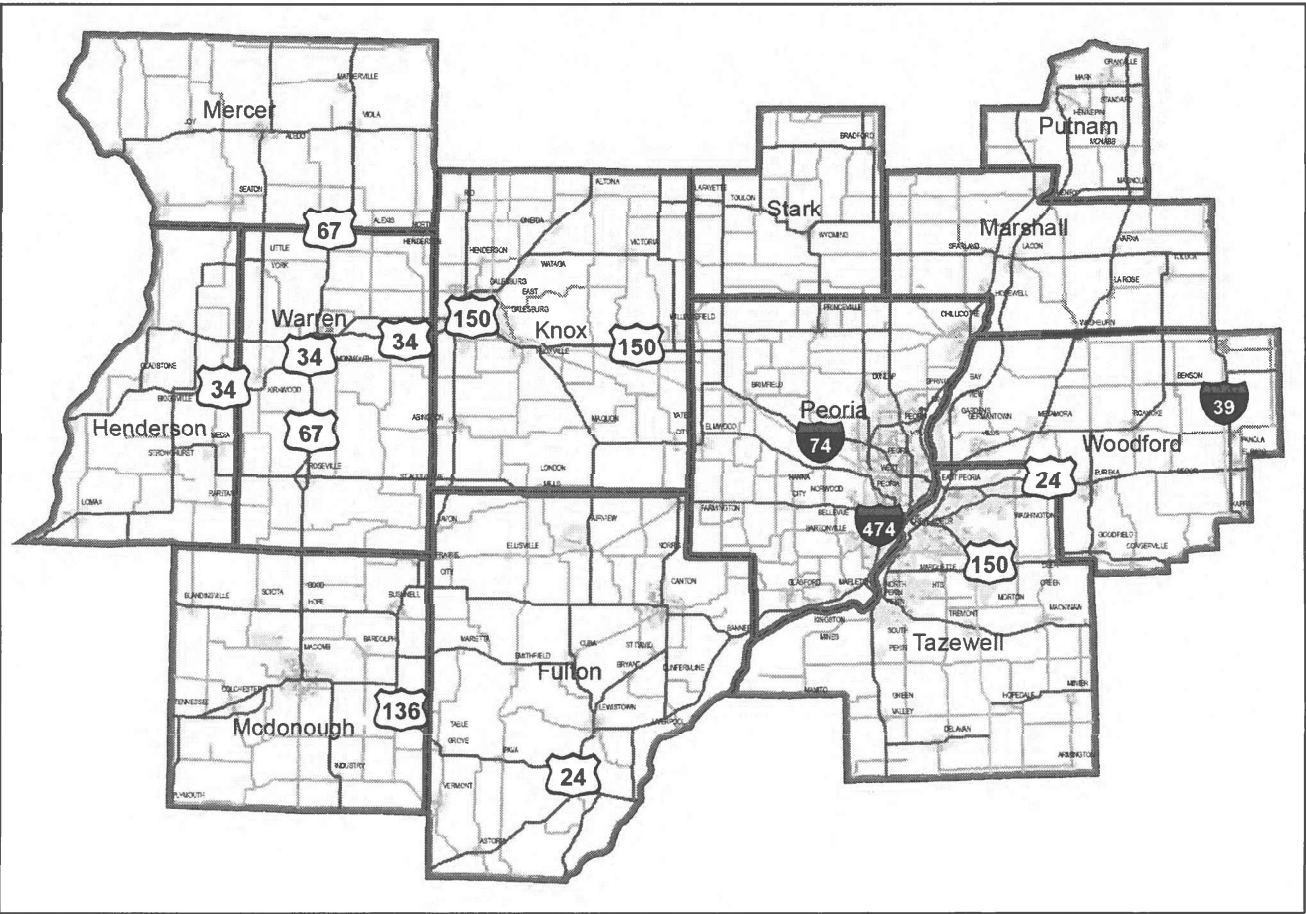
LOCATION OF SECTION INDICATED THUS: —

INDEX OF SHEETS:  
SEE SHEET 2 FOR INDEX OF SHEETS

PROPOSED  
HIGHWAY PLANS

VARIOUS ROUTES  
PROJECT NUMBER: HSIP-FB7E(636)  
D4 ADA PUSHBUTTONS 2024-1  
VARIOUS COUNTIES

C-94-081-23



HIGHWAY STANDARDS:  
SEE SHEET 3 FOR A LIST OF  
APPLICABLE HIGHWAY STANDARDS

PROJECT DESCRIPTION:  
INSTALLATION OF ACCESSIBLE PEDESTRIAN  
SIGNAL (APS) PUSHBUTTONS AT VARIOUS  
LOCATIONS IN FULTON, KNOX, MARSHALL,  
MCDONOUGH, TAZEVELL, & WOODFORD  
COUNTIES.

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

PROJECT ENGINEER : TREVOR HANSON (309) 671-4474  
PROJECT MANAGER : ERIC HOWALD (309) 671-4481

CATALOG NO. 036438-00D  
CONTRACT NO. 68H77

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

SUBMITTED August 23, 2023  
Pamela James REGIONAL ENGINEER

October 13, 2023  
Steph M. Smith ENGINEER OF DESIGN AND ENVIRONMENT

October 13, 2023  
Steph M. Smith DIRECTOR OF HIGHWAYS PROJECT IMPLEMENTATION

PRINTED BY THE AUTHORITY  
OF THE STATE OF ILLINOIS

MODEL: Default  
FILE NAME: S:\ENR\W\WORD\DESIGN\AN\Hanson.#\_AFS\68H77\_ID4\_ADA\_PushButtons\_2024-1\_ (08-22-23).dgn

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\* FULTON, KNOX, MARSHALL, MCDONOUGH, TAZEWELL & WOODFORD COUNTIES NOT TO SCALE

	USER NAME = Trevor,Hanson	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	INDEX OF SHEETS			F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		DRAWN -	REVISED -					VAR.	D4 ADA PUSHBUTTONS 2024-1	*	76	2
	PLOT SCALE = 23,8272 * / in.	CHECKED -	REVISED -					CONTRACT NO. 68H77				
	PLOT DATE = 8/22/2023	DATE -	REVISED -		SCALE:	SHEET	OF SHEETS	STA.	TO STA.	ILLINOIS FED. AID PROJECT		



NO COMMITMENTS HAVE BEEN MADE IN CONJUNCTION WITH THIS PROJECT.

TRAFFIC SIGNAL CONSTRUCTION STAGING NOTES	
1.	THE CONTRACTOR WILL BE ALLOWED TO PLACE THE INTERSECTION INTO ALL-RED FLASH MODE TO FACILITATE THE INSTALLATION OF THE PROPOSED TRAFFIC SIGNAL MAST ARMS, POSTS, SIGNAL HEADS, ELECTRICAL CABLE AND OTHER COMPONENTS.
2.	THE CONTRACTOR SHALL FURNISH AND INSTALL A MINIMUM OF TWO STOP SIGNS PER APPROACH WHEN THE INTERSECTION IS OPERATING IN ALL-RED FLASH MODE. THE TRAFFIC SIGNALS MAY BE PLACED INTO ALL-RED FLASH MODE BETWEEN THE HOURS OF 8:30AM AND 3:00PM ONLY.
3.	THE CONTRACTOR SHALL RESTORE THE TRAFFIC SIGNALS TO NORMAL OPERATION AT ALL OTHER TIMES, UNLESS SPECIFICALLY DIRECTED OTHERWISE BY THE ENGINEER.
4.	THE CONTRACTOR WILL BE ALLOWED TO PLACE THE INTERSECTION INTO FLASH FOR A MAXIMUM OF FIVE DAYS PER EACH LOCATION.
5.	THE CONTRACTOR WILL BE ALLOWED TO MAKE TEMPORARY SPLICES AS NEEDED TO FACILITATE THE INSTALLATION OF THE PROPOSED TRAFFIC SIGNAL EQUIPMENT.
6.	ALL COSTS (LABOR, MATERIALS, AND EQUIPMENT) ASSOCIATED WITH THESE REQUIREMENTS SHALL BE INCLUDED IN THE CONTRACT BID PRICE. THERE WILL BE NO ADDITIONAL COMPENSATION FOR ITEMS REQUIRED TO IMPLEMENT STAGING, INCLUDING, BUT NOT LIMITED TO, TEMPORARY CABLE SPLICES, TEMPORARY TRAFFIC POSTS, AND PREMIUM TIME HOURS.

ELECTRIC CABLE CONDUCTOR GUIDE	
EQUIPMENT	REQUIRED NUMBER OF CONDUCTORS
ONE APS BUTTON	3/C
TWO APS BUTTONS (ON SAME POST)	5/C
1-FACE PEDESTRIAN SIGNAL HEAD	5/C
2-FACE PEDESTRIAN SIGNAL HEAD	7/C
ILLUMINATED SIGN (SPECIAL)	3/C
3-SECTION SIGNAL HEAD	5/C
4-SECTION SIGNAL HEAD	7/C
5-SECTION SIGNAL HEAD	7/C

APS LEGEND	
	PROP. APS INSTALLED ON PROP. PEDESTRIAN PUSHBUTTON POST (NO FOUNDATION) ON EX. SIDEWALK, WITH ANCHOR BOLT SET, 1/2 DIAMETER, WITH WEDGE ANCHORS
	PROP. APS INSTALLED ON PROP. PEDESTRIAN PUSHBUTTON POST (NO FOUNDATION) ON EX. ISLAND SURFACE, WITH ANCHOR BOLT SET, 1/2 DIAMETER, WITH WEDGE ANCHORS
	PROP. APS INSTALLED ON PROP. PEDESTRIAN PUSHBUTTON POST (NO FOUNDATION) ON EX. SIDEWALK CURB, WITH ANCHOR BOLT SET 1/2 DIAMETER, WITH WEDGE ANCHORS
	PROP. APS INSTALLED ON PROP. PEDESTRIAN PUSHBUTTON POST (CONCRETE FOUNDATION)
	PROP. APS INSTALLED ON EX. MAST ARM STRAIN POLE
	PROP. APS INSTALLED ON EX. TRAFFIC SIGNAL POST OR LIGHT POLE
	PROP. APS INSTALLED ON EX. PEDESTRIAN PUSHBUTTON POST
	PROP. APS INSTALLED ON PROP. TRAFFIC SIGNAL POST

HIGHWAY STANDARDS	
000001-08	STANDARD SYMBOLS, ABBREVIATIONS AND PATTERNS
001006	DECIMAL OF AN INCH & FOOT
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
728001-01	TELESCOPING STEEL SIGN SUPPORT
814001-03	HANDHOLES
857001-01	STANDARD PHASE DESIGNATION DIAGRAMS AND PHASE SEQUENCES
873001-02	TRAFFIC SIGNAL GROUNDING & BONDING
878001-11	CONCRETE FOUNDATION DETAILS
880006-01	TRAFFIC SIGNAL MOUNTING DETAILS
701001-02	OFF-RD OPERATIONS, 2L, 2W, MORE THAN 15' (4.5 m) AWAY
701006-05	OFF-RD OPERATIONS, 2L, 2W, 15' (4.5 m) TO 24" (600 mm) FROM PAVEMENT EDGE
701101-05	OFF-RD OPERATIONS, MULTILANE, 15' (4.5 m) TO 24" (600 mm) FROM PAVEMENT EDGE
701106-02	OFF-RD OPERATIONS, MULTILANE, MORE THAN 15' (4.5 m) AWAY

LEGEND			
	EX. TS CONTROLLER CABINET		PROP. TRAFFIC SIGNAL CONTROLLER CABINET
	EX. DOUBLE HANDHOLE		PROP. TRAFFIC SIGNAL POST
	EX. HANDHOLE		PROP. PEDESTRIAN PUSHBUTTON POST
	EX. SIGNAL HEAD (WITH BACKPLATE)		PROP. PEDESTRIAN SIGNAL HEAD
	EX. SIGNAL HEAD (WITHOUT BACKPLATE)		PROP. PEDESTRIAN PUSHBUTTON (APS)
	EX. PEDESTRIAN SIGNAL HEAD		PROP. ILLUMINATED SIGN (SPECIAL)
	EX. PEDESTRIAN PUSHBUTTON		PROP. CONDUIT
	EX. MAST ARM ASSEMBLY AND POLE		PROP. SAW CUT FOR ELECTRICAL CABLE INSTALLATION
	EX. COMBINATION MAST ARM ASSEMBLY AND POLE		PROP. ELECTRIC SERVICE INSTALLATION
	EX. TRAFFIC SIGNAL POST		
	EX. LUMINAIRE		
	EX. QUADRAPOLE DETECTOR		
	EX. CONDUIT		
	EX. BATTERY BACKUP CABINET		

\* FULTON, KNOX, MARSHALL, MCDONOUGH, TAZEWELL & WOODFORD COUNTIES NOT TO SCALE

MODEL: Default  
FILE NAME: STAGINGWITHWORDDDSP1ANI Hanson.# APS68H77 (D4 ADA Pushbutton, 2024-1) (08-22-23).dgn

MODEL: Design FILE NAME: S01	USER NAME = Trevor,Hanson	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	COMMITMENTS, TRAFFIC HIGHWAY STANDARDS, TRAFFIC SIGNAL CONSTRUCTION STAGING NOTES & LEGENDS	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
		DRAWN -	REVISED -			VAR.	D4 ADA PUSHBUTTONS 2024-1	*	76	3	
	PLOT SCALE = 23,8272 ' / in.	CHECKED -	REVISED -			CONTRACT NO. 68H77					
	PLOT DATE = 8/22/2023	DATE -	REVISED -			SCALE:	SHEET	OF	SHEETS	STA.	TO STA.
								ILLINOIS	FED. AID PROJECT		

MODEL: Default  
FILE NAME: S:\GEN\W\WORD\DESIGN\Hanson.dgn

AP568H77 (D4 ADA Pushbuttons 2024-1) (08-22-23).dgn

CONSTRUCTION NOTES																																																		
1.	THE LOCATION OF ALL UTILITIES AND PRIVATELY OWNED FACILITIES SHALL BE FIELD VERIFIED BY THE CONTRACTOR PRIOR TO THE INSTALLATION OF ANY COMPONENTS.																																																	
2.	THE CONTRACTOR SHALL BE RESPONSIBLE FOR LOCATING EXISTING IDOT ELECTRICAL FACILITIES AT HIS/HER OWN EXPENSE IF REQUIRED. THE CONTRACTOR SHALL ALSO BE LIABLE FOR ANY DAMAGE TO IDOT FACILITIES RESULTING FROM INACCURATE LOCATING.																																																	
3.	ELECTRICAL WORK SHALL CONFORM WITH NATIONAL, STATE, AND LOCAL CODES.																																																	
4.	THE LOCATIONS FOR HANDHOLES, TRAFFIC SIGNAL POSTS, PEDESTRIAN PUSHBUTTON POSTS AND CONCRETE FOUNDATIONS ARE PROVIDED FOR REFERENCE ONLY. THE ENGINEER OF TRAFFIC SHALL BE NOTIFIED FOR LOCATION VERIFICATION BEFORE INSTALLATION.																																																	
5.	ALL TRAFFIC SIGNAL HEAD BRACKETS ARE TO BE GALVANIZED STEEL WITH A NATURAL FINISH.																																																	
6.	ALL TRAFFIC SIGNAL STRUCTURES SHALL BE BONDED IN ACCORDANCE WITH NEC REQUIREMENTS. THIS WORK SHALL BE PAID FOR AT THE CONTRACT UNIT PRICE FOR "ELECTRIC CABLE IN CONDUIT, EQUIPMENT GROUNDING CONDUCTOR, NO. 6 1C" AND SHALL INCLUDE ALL LABOR, EQUIPMENT, AND MATERIALS (INCLUDING CLAMPS, HARDWARE, ELECTRICAL CABLE, AND ALL OTHER ITEMS REQUIRED TO BOND THE STRUCTURES).																																																	
7.	SDR 13.5 HDPE COILABLE DUCT MAY BE USED IN PLACE OF SCHEDULE 40 PVC CONDUIT.																																																	
8.	THE CONTRACTOR SHALL PROVIDE ELECTRICAL CABLE SLACK IN ACCORDANCE WITH ARTICLE 873.03.																																																	
9.	ELECTRICAL CABLE WILL BE MEASURED FOR PAYMENT IN ACCORDANCE WITH ARTICLE 873.04.																																																	
10.	THE CONTRACTOR SHALL VERIFY FIELD CONDITIONS PRIOR TO BIDDING. THERE WILL BE NO ADDITIONAL COMPENSATION PAID FOR CLAIMS THAT ARISE FROM A FAILURE TO FULLY INVESTIGATE EXISTING FIELD CONDITIONS.																																																	
11.	THE EXISTING TRAFFIC SIGNALS SHALL REMAIN IN OPERATION DURING THE CONSTRUCTION OF THE PROPOSED TRAFFIC SIGNALS.																																																	
12.	ANY MAINTENANCE OF EXISTING TRAFFIC SIGNALS WILL BE CONSIDERED EXTRA WORK IN ACCORDANCE WITH ARTICLE 109.04 OF THE STANDARD SPECIFICATIONS.																																																	
13.	THE HANDHOLES SHALL BE CONSTRUCTED SO THAT THE TOP OF THE FRAME WILL BE FLUSH WITH THE SURFACE OF THE SHOULDER OR GROUND LINE.																																																	
14.	ALL SURPLUS MATERIALS SHALL BE DISPOSED OF IN ACCORDANCE WITH ARTICLE 202.03 OF THE STANDARD SPECIFICATIONS.																																																	
15.	COILABLE POLYETHYLENE DUCT MAY BE SUBSTITUTED FOR PVC PUSHED OR TRENCHED.																																																	
16.	NO ADDITIONAL COMPENSATION WILL BE ALLOWED FOR PLACING CONDUIT AT GREATER THAN 2 FT. MINIMUM DEPTH TO AVOID OBSTACLES SUCH AS UNDERGROUND UTILITIES.																																																	
17.	THE CONTRACTOR IS RESPONSIBLE FOR THE COST OF UNCOVERING OR HAND DIGGING AROUND UTILITIES AS NECESSARY. THIS COST OF THIS WORK SHALL BE INCLUDED IN THE UNIT PRICES FOR THE CONDUITS.																																																	
18.	THE CONTRACTOR SHALL FURNISH AND INSTALL GROUT AROUND ALL DRILLED CONDUITS LOCATED INSIDE CONCRETE FOUNDATIONS TO PREVENT WATER AND DIRT INTRUSION INTO THE CABINET. THE COST OF THIS WORK SHALL BE INCLUDED IN THE COST OF "DRILL EXISTING FOUNDATION."																																																	
19.	THE CONTRACTOR SHALL FURNISH AND INSTALL GROUT AROUND ALL DRILLED CONDUITS LOCATED INSIDE OF HANDHOLES TO PREVENT WATER AND DIRT INTRUSION INTO THE HANDHOLE. THE COST OF THIS WORK SHALL BE INCLUDED IN THE COST OF "DRILL EXISTING HANDHOLE."																																																	
20.	WITHIN THIRTY CALENDAR DAYS AFTER CONTRACT EXECUTION, THE CONTRACTOR SHALL SUBMIT J.U.L.I.E. TICKETS TO HAVE THE UNDERGROUND UTILITIES MARKED AT THE INTERSECTION AND THEN SCHEDULE AN ON-SITE MEETING WITH THE RESIDENT ENGINEER AND IDOT D4 TRAFFIC OPERATIONS TO DETERMINE AND MARK THE EXACT PLACEMENT OF THE PROPOSED TRAFFIC SIGNAL COMPONENTS.																																																	
21.	ACCESSIBLE PEDESTRIAN SIGNAL (APS) PUSHBUTTONS SHALL BE LOCATED IN ACCORDANCE WITH THE 2009 MUTCD. FOR ALL INSTALLATIONS, THE REACH RANGE (DISTANCE BETWEEN THE FACE OF PEDESTRIAN PUSHBUTTON AND THE CLEAR SPACE) SHALL NOT EXCEED 10 INCHES. THE COST TO MODIFY OR RELOCATE ANY PUSHBUTTONS THAT WERE NOT INSTALLED ACCORDING TO MUTCD REQUIREMENTS AND CONTRACT SPECIFICATIONS WILL BE THE RESPONSIBILITY OF THE CONTRACTOR.																																																	
22.	PEDESTRIAN PUSHBUTTON SIGNS (R10-3E) SHALL BE CONSTRUCTED USING TYPE ZZ RETROREFLECTIVE SHEETING IN ACCORDANCE WITH ART. 1091.03.																																																	
23.	FOR LOCATIONS WITH TWO APS PUSHBUTTONS ON A SINGLE TRAFFIC SIGNAL POST OR PEDESTRIAN PUSH BUTTON POST, THE CONTRACTOR SHALL FURNISH AND INSTALL A SINGLE MOUNTING BRACKET THAT HOUSES BOTH PEDESTRIAN PUSHBUTTON FRAMES, WITH INTEGRATED CUPS, AT A 90 DEGREE ANGLE FROM EACH OTHER. THE COST OF THIS WORK WILL NOT BE PAID FOR SEPARATELY, BUT SHALL BE INCLUDED IN THE BID PRICE FOR THE "ACCESSIBLE PEDESTRIAN SIGNALS."																																																	
24.	THE CONTRACTOR SHALL CLEAR AND REMOVE ANY BRUSH OR LANDSCAPING TO ACCOMODATE THE INSTALLATION OF THE PROPOSED PEDESTRIAN PUSHBUTTON POSTS AND CONCRETE FOUNDATIONS. THIS WORK WILL NOT BE PAID FOR SEPARATELY, BUT SHALL BE INCLUDED IN THE COST OF THE CONCRETE FOUNDATIONS.																																																	
25.	THE CONTRACTOR SHALL REMOVE AND DISPOSE OF THE EXISITNG PEDESTRIAN PUSHBUTTONS OFF OF THE JOBSITE. THE CONTRACTOR FILL ALL HOLES IN MAST ARMS, SIGNAL POSTS, LIGHT POLES AND PEDESTRIAN PUSHBUTTON POSTS (CREATED BY THE REMOVAL OF PEDESTRIAN PUSHBUTTONS) WITH STAINLESS STEEL BOLTS IN THE EXISTING THREADED HOLES AND HOLE PLUGS. THIS WORK WILL NOT BE PAID FOR SEPARATELY, BUT SHALL BE INCLUDED IN THE COST OF THE PROPOSED ACCESSIBLE PEDESTRIAN SIGNALS.																																																	
26.	THE EXISTING TRAFFIC SIGNAL CONTROLLER WILL BE USED IN THE PROPOSED TRAFFIC SIGNAL CABINET.																																																	
27.	THE CONTRACTOR SHALL VERIFY EXISTING SIGNAL CABINET PHASING, PREEMPTION, AND DETECTION PRIOR TO RELEASING THE PROPOSED CABINETS FOR PRODUCTION. THE COST OF THIS WORK SHALL BE INCLUDED IN THE BID PRICE FOR THE PROPOSED TRAFFIC SIGNAL CABINET.																																																	
28.	THE CONTRACTOR SHALL REMOVE THE EXISTING BBS, PHOTOCCELL RELAY, DETECTION EQUIPMENT, CCTV EQUIPMENT, COMMUNICATIONS EQUIPMENT, EMERGENCY VEHICLE PREEMPTION EQUIPMENT, ETC. (IF ANY) AND RE-INSTALL WITH THE PROPOSED CABINET. THE CONTRACTOR SHALL VERIFY THAT ALL EXISTING EQUIPMENT FUNCTIONS PROPERLY AFTER RE-INSTALLATION. THE COST OF THIS WORK SHALL BE INCLUDED IN THE COST OF THE PROPOSED TRAFFIC SIGNAL CABINET.																																																	
29.	FOR ALL SAW CUTTING OPERATIONS, THE WIDTH OF THE SLOT MAY BE ADJUSTED AS REQUIRED FOR PVC TUBE WIRE INSTALLATION OR AS DIRECTED BY THE RESIDENT ENGINEER, AT NO ADDITIONAL COST TO THE DEPARTMENT.																																																	
30.	THE SAWEED SLOT SHALL BE CLEAN, DRY, AND HAVE A SMOOTH BOTTOM. DIAGONAL SAW CUTS OR DRILLED HOLES SHALL BE MADE AT ALL CORNERS TO PREVENT SHARP BENDS IN THE WIRE. THE SAW CUTS AT THE CORNERS SHALL BE OVERLAPPED SO THEY HAVE FULL DEPTH. THE SLOT SHALL BE CLEANED BY AIR PRESSURE REMOVING ANY DEBRIS AND WATER. EACH TUBE CONTAINING THE THHN WIRE SHALL BE PUSHED INTO THE SAW CUT WITH A WOODEN TOOL TO PREVENT TUBE DAMAGE.																																																	
31.	THE CONTRACTOR SHALL CORE HOLES INTO EXISTING CONCRETE SIDEWALKS, PAVEMENT, AND FOUNDATIONS AS REQUIRED TO PROVIDE STRAIN RELIEF AND ROOM TO PREVENT THE PROPOSED PVC TUBE WIRE FROM BREAKING DURING PERIODS OF EXPANSION AND CONTRACTION CAUSED BY CHANGING ENVIRONMENTAL CONDITIONS.																																																	
32.	THE CONTRACTOR SHALL FILL ALL SAW CUT SLOTS, CORED HOLES, AND OTHER PENETRATIONS WITH A WATERPROOF CONCRETE FILLER. THE FILLER SHALL BE INSTALLED INTO SAW CUTS USING A CAULK GUN TO FILL THE ENTIRE SLOT AND RAKED SMOOTH TO MATCH THE EXISTING CONCRETE SURFACE. THE CONTRACTOR SHALL PROVIDE A NEAT, FINISHED SURFACE.																																																	
33.	ALL TUBE WIRES SHALL BE INSTALLED BELOW THE SURFACE OF THE CONCRETE, NO EXPOSED WIRES WILL BE ALLOWED.																																																	
34.	THE CONTRACTOR SHALL INSTALL THE 3/C WIRE FOR THE ILLUMINATED SIGN (SPECIAL) ON A LOAD SWITCH IN THE CONTROLLER CABINET AS DIRECTED BY THE IDOT TRAFFIC ENGINEER.																																																	
35.	THE CONTRACTOR SHALL INSTALL THE PROPOSED ACCESSIBLE PEDESTRIAN SIGNALS WITH THE SIGN HOUSING/BUTTON ARROW PARALLEL TO THE CROSSWALK. THE CONTRACTOR SHALL FURNISH AND INSTALL ADDITIONAL HARDWARE, INCLUDING A SWIVEL KIT, AS REQUIRED TO MEET THIS ALIGNMENT REQUIREMENT AT LOCATIONS DETERMINED BY THE RESIDENT ENGINEER IN ADDITION TO THE LOCATIONS LISTED IN THE PLANS. THE COST OF THIS WORK SHALL BE INCLUDED IN THE PAY ITEM "APS EXTENSION BRACKET."																																																	
36.	FOR SIGNAL HEADS THAT HAVE EXISTING BACKPLATES WITHOUT RETRO-REFLECTIVE SHEETING, THE CONTRACTOR SHALL REMOVE AND DISPOSE OF THE EXISTING BACKPLATE OFF OF THE JOB SITE AND INSTALL A NEW BACKPLATE WITH RETRO-REFLECTIVE SHEETING. THE COST OF THIS WORK WILL BE INCLUDED IN THE BID PRICE FOR THE "TRAFFIC SIGNAL BACKPLATE RETRO-REFLECTIVE."																																																	
37.	THE CONTRACTOR SHALL RELOCATE EXISTING PEDESTRIAN SIGNAL HEADS AS NECESSARY TO ACCOMMODATE THE INSTALLATION OF PROPOSED PEDESTRIAN SIGNAL HEADS. THE COST OF THIS WORK WILL NOT BE PAID FOR SEPARATELY, BUT SHALL BE INCLUDED IN THE BID PRICE OF THE PROPOSED PEDESTRIAN SIGNAL HEADS.																																																	
* FULTON, KNOX, MARSHALL, MCDONOUGH, TAZEWELL & WOODFORD COUNTIES																																																		
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SUMMARY OF QUANTITIES				FULTON COUNTY	KNOX COUNTY	MARSHALL COUNTY	MCDONOUGH COUNTY	TAZEWELL COUNTY	WOODFORD COUNTY	VARIOUS COUNTIES
				CODE 0021 SAFETY FUNDS 90% FEDERAL 10% STATE URBAN	CODE 0021 SAFETY FUNDS 90% FEDERAL 10% STATE URBAN	CODE 0021 SAFETY FUNDS 90% FEDERAL 10% STATE URBAN	CODE 0021 SAFETY FUNDS 90% FEDERAL 10% STATE URBAN	CODE 0021 SAFETY FUNDS 90% FEDERAL 10% STATE URBAN	CODE 0021 SAFETY FUNDS 90% FEDERAL 10% STATE URBAN	CODE 0021 SAFETY FUNDS 90% FEDERAL 10% STATE URBAN
CODE	ITEM DESCRIPTION	UNIT	TOTAL QTY.	QTY.	QTY.	QTY.	QTY.	QTY.	QTY.	QTY.
42400100	PORTLAND CEMENT CONCRETE SIDEWALK 4 INCH	SQ FT	225.0		125.0			60.0	40.0	
44000600	SIDEWALK REMOVAL	SQ FT	260.0		140.0			70.0	50.0	
67100100	MOBILIZATION	L SUM	1.0							1.0
72000100	SIGN PANEL - TYPE 1	SQ FT	5.0					5.0		
72800100	TELESCOPING STEEL SIGN SUPPORT	FOOT	34.0					34.0		
81028320	UNDERGROUND CONDUIT, PVC, 1" DIA.	FOOT	520.0	83.0	72.0	39.0	22.0	232.0	72.0	
81028350	UNDERGROUND CONDUIT, PVC, 2" DIA.	FOOT	450.0		24.0			383.0	43.0	
81028370	UNDERGROUND CONDUIT, PVC, 3" DIA.	FOOT	113.0		8.0			105.0		
81400700	HANDHOLE, PORTLAND CEMENT CONCRETE	EACH	5.0					4.0	1.0	
86300400	CONTROLLER CABINET TYPE IV	EACH	16.0	2.0	8.0			6.0		
87301225	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 3C	FOOT	6595.5		480.5		221.0	5592.5	301.5	
87301245	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 5C	FOOT	9333.0		1568.5	597.0		6845.0	322.5	
87301255	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 7C	FOOT	448.5					448.5		
87301900	ELECTRIC CABLE IN CONDUIT, EQUIPMENT GROUNDING CONDUCTOR, NO. 6 1C	FOOT	778.0		43.0			666.5	68.5	
87502450	TRAFFIC SIGNAL POST, GALVANIZED STEEL 11 FT.	EACH	10.0		1.0			8.0	1.0	
87502490	TRAFFIC SIGNAL POST, GALVANIZED STEEL 15 FT.	EACH	2.0					2.0		
87800100	CONCRETE FOUNDATION, TYPE A	FOOT	36.0		3.0			30.0	3.0	
87800200	CONCRETE FOUNDATION, TYPE D	FOOT	10.5		10.5					
87900100	DRILL EXISTING FOUNDATION	EACH	3.0					3.0		
87900200	DRILL EXISTING HANDHOLE	EACH	61.0	8.0	10.0	5.0	7.0	25.0	6.0	
88040070	SIGNAL HEAD, POLYCARBONATE, LED, 1-FACE, 3-SECTION, BRACKET MOUNTED	EACH	2.0					2.0		

\*= SPECIALTY ITEM

\* FULTON, KNOX, MARSHALL,  
MCDONOUGH, TAZEWELL  
& WOODFORD COUNTIES

NOT TO SCALE

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	PLOT SCALE = 23.8272 ' / in.	DRAWN -	REVISED -					VAR.	D4 ADA PUSHBUTTONS 2024-1	*	76	5
	PLOT DATE = 8/22/2023	CHECKED -	REVISED +		SCALE:      SHEET      OF      SHEETS      STA.      TO STA.			CONTRACT NO. 68H77				
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SUMMARY OF QUANTITIES - CONTINUED				FULTON COUNTY	KNOX COUNTY	MARSHALL COUNTY	MCDONOUGH COUNTY	TAZEWELL COUNTY	WOODFORD COUNTY	VARIOUS COUNTIES
				CODE 0021 SAFETY FUNDS 90% FEDERAL 10% STATE URBAN	CODE 0021 SAFETY FUNDS 90% FEDERAL 10% STATE URBAN	CODE 0021 SAFETY FUNDS 90% FEDERAL 10% STATE URBAN	CODE 0021 SAFETY FUNDS 90% FEDERAL 10% STATE URBAN	CODE 0021 SAFETY FUNDS 90% FEDERAL 10% STATE URBAN	CODE 0021 SAFETY FUNDS 90% FEDERAL 10% STATE URBAN	CODE 0021 SAFETY FUNDS 90% FEDERAL 10% STATE URBAN
CODE	ITEM DESCRIPTION	UNIT	TOTAL QTY.	QTY.	QTY.	QTY.	QTY.	QTY.	QTY.	QTY.
88102825	PEDESTRIAN SIGNAL HEAD, POLYCARBONATE, LED, 1-FACE, BRACKET MOUNTED WITH COUNT DOWN TIMER	EACH	27.0		2.0			23.0	2.0	
88102845	PEDESTRIAN SIGNAL HEAD, POLYCARBONATE, LED, 2-FACE, BRACKET MOUNTED WITH COUNT DOWN TIMER	EACH	3.0					3.0		
88200510	TRAFFIC SIGNAL BACKPLATE, RETROREFLECTIVE	EACH	183.0	31.0	37.0	6.0	31.0	60.0	18.0	
89502210	MODIFY EXISTING CONTROLLER CABINET	EACH	1.0					1.0		
89502220	MODIFY EXISTING CONCRETE FOUNDATION	EACH	1.0					1.0		
X0327739	MISCELLANEOUS ELECTRICAL WORK	L SUM	1.0							1.0
X1400087	SIGNAL HEAD, POLYCARBONATE, LED, 1-FACE, 3-SECTION, MAST ARM MOUNTED (SPECIAL)	EACH	2.0						2.0	
X4402815	ISLAND PAVEMENT REMOVAL AND REPLACEMENT	SQ FT	141.0					101.0	40.0	
X7010216	TRAFFIC CONTROL AND PROTECTION, (SPECIAL)	L SUM	1.0							1.0
X8760200	ACCESSIBLE PEDESTRIAN SIGNALS	EACH	434.0	42.0	94.0	16.0	80.0	176.0	26.0	
X8760201	PEDESTRIAN PUSH-BUTTON POST	EACH	51.0	4.0	7.0	6.0	7.0	22.0	5.0	
X8910050	ILLUMINATED SIGN (SPECIAL)	EACH	11.0		1.0			9.0	1.0	
Z0025615	FURNISH AND INSTALL METAL SCREEN	EACH	4.0		4.0					
Z0048665	RAILROAD PROTECTIVE LIABILITY INSURANCE	L SUM	1.0				0.5	0.5		
X1400520	THHN WIRE ENCASED IN PVC TUBE, NO. 19/27 AWG	FOOT	8845.5	1082.0	2042.5	328.0	2027.0	3301.0	65.0	
X8860016	SAW CUT FOR ELECTRICAL CABLE INSTALLATION, 5/16"	FOOT	863.0	166.0	234.0		131.0	322.0	10.0	
X8860008	SAW CUT FOR ELECTRICAL CABLE INSTALLATION, 5/8"	FOOT	306.0	19.0	94.0	18.0	79.0	96.0		
X8780302	ANCHOR BOLT SET, 1/2 DIAMETER, WITH WEDGE ANCHORS	EACH	119.0	21.0	29.0	2.0	20.0	45.0	2.0	
X8760002	APS EXTENSION BRACKET	EACH	39.0		6.0	4.0	7.0	18.0	4.0	
X8760203	PEDESTRIAN PUSH-BUTTON POST (NO FOUNDATION)	EACH	119.0	21.0	29.0	2.0	20.0	45.0	2.0	

\* FULTON, KNOX, MARSHALL, MCDONOUGH, TAZEWELL & WOODFORD COUNTIES NOT TO SCALE

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42400100			
PORTLAND CEMENT CONCRETE SIDEWALK 4 INCH			
COUNTY	CITY	LOCATION	SQ.FT
KNOX	GALESBURG	US 150 (MAIN) & CHERRY	55.0
		US 150 (MAIN) & PRAIRIE	35.0
		US 150 (MAIN) & SEMINARY	35.0
KNOX COUNTY TOTAL			125.0
TAZEWELL	PEKIN	IL 9 (ANN ELIZA) & IL 29 (FIFTH)	60.0
TAZEWELL COUNTY TOTAL			60.0
WOODFORD	METAMORA	IL 116 (MT. VERNON) & IL 89 (NILES)	40.0
WOODFORD COUNTY TOTAL			40.0
TOTAL			225.0
44000600			
SIDEWALK REMOVAL			
COUNTY	CITY	LOCATION	SQ.FT
KNOX	GALESBURG	US 150 (MAIN) & CHERRY	60.0
		US 150 (MAIN) & PRAIRIE	40.0
		US 150 (MAIN) & SEMINARY	40.0
KNOX COUNTY TOTAL			140.0
TAZEWELL	PEKIN	IL 9 (ANN ELIZA) & IL 29 (FIFTH)	70.0
TAZEWELL COUNTY TOTAL			70.0
WOODFORD	METAMORA	IL 116 (MT. VERNON) & IL 89 (NILES)	50.0
WOODFORD COUNTY TOTAL			50.0
TOTAL			260.0
72000100			
SIGN PANEL - TYPE 1			
COUNTY	CITY	LOCATION	SQ.FT
TAZEWELL	PEKIN	IL 9 (MARGARET) & IL 29 (THIRD)	5.0
TAZEWELL COUNTY TOTAL			5.0
TOTAL			5.0
72800100			
TELESCOPING STEEL SIGN SUPPORT			
COUNTY	CITY	LOCATION	FOOT
TAZEWELL	PEKIN	IL 9 (ANN ELIZA) & IL 29 (FIFTH)	34.0
TAZEWELL COUNTY TOTAL			34.0
TOTAL			34.0
8102 8320			
UNDERGROUND CONDUIT, PVC, 1" DIA.			
COUNTY	CITY	LOCATION	FOOT
FULTON	CANTON	IL 78 (MAIN) & LINCOLN	12.0
		IL 78 (MAIN) & SYCAMORE TERRACE	61.0
		IL 9 (5TH) & CHESTNUT	10.0
FULTON COUNTY TOTAL			83.0
KNOX	GALESBURG	US 150 (HENDERSON) & HOME	5.0
		US 150 (HENDERSON) & DAYTON	18.0
		US 150 (GRAND) & FARNHAM	29.0
		US 150 (HENDERSON) & CARL SANDBURG	20.0
KNOX COUNTY TOTAL			72.0
MARSHALL	LACON	IL 17 (FIFTH) & HIGH	38.0
		IL 17 (FIFTH) & IL 26 (PRAIRIE)	1.0
MARSHALL COUNTY TOTAL			39.0
MCDONOUGH	MACOMB	US 67 (LAFAYETTE) & PIERCE	10.0
		US 67/ US 136 (JACKSON) & PRAIRIE	12.0
MCDONOUGH COUNTY TOTAL			22.0
TAZEWELL	EAST PEORIA	IL 116 & BLACKJACK	16.0
		IL 116 (MAIN) & GOLD/ KROGER ENTRANCE	65.0
		IL 8 (WASHINGTON) & CARVER/ JAY	19.0
		IL 8 (WASHINGTON) & DOLANS	1.0
		IL 8 (WASHINGTON) & FARMDALE/ ILLINI	6.0
		IL 8 (WASHINGTON) & ROSEDALE/ PUTNAM	18.0
		US 150 (MEADOW)/ARNOLD & IL 8 (WASHINGTON)	9.0
	PEKIN	WASHINGTON & TAYLOR/ VETERANS	17.0
		IL 9 (ANN ELIZA) & IL 29 (FIFTH)	3.0
		IL 9 (ANN ELIZA) & THIRD	8.0
	WASHINGTON	IL 9 (MARGARET) & IL 29 (SECOND)	14.0
		BUS 24 (PEORIA) & WILMOR	16.0
		BUS 24 (WASHINGTON/ PEORIA) & EAGLE	32.0
		IL 8 (WASHINGTON) & SCHOOL	3.0
		IL 8 (WASHINGTON) & SUMMIT	5.0
TAZEWELL COUNTY TOTAL			232.0
WOODFORD	GERMANTOWN HILLS	IL 116 & ARBOR VITAE/ SCHMITT	45.0
		IL 116 & FANDEL/ CATERPILLAR TRAIL	7.0
	GOODFIELD	US 150 (PEORIA) & IL 117 (EUREKA)	14.0
	METAMORA	IL 116 (MT. VERNON) & IL 89 (NILES)	6.0
WOODFORD COUNTY TOTAL			72.0
TOTAL			520.0

81028350			
UNDERGROUND CONDUIT, PVC, 2" DIA.			
COUNTY	CITY	LOCATION	FOOT
KNOX	GALESBURG	US 150 (HENDERSON) & CARL SANDBURG	24.0
KNOX COUNTY TOTAL			24.0
TAZEWELL	EAST PEORIA	IL 116 & BLACKJACK	48.0
		IL 116 (MAIN) & GOLD/ KROGER ENTRANCE	5.0
		US 150 (MEADOW)/ARNOLD & IL 8 (WASHINGTON)	92.0
		WASHINGTON & TAYLOR/ VETERANS	45.0
	PEKIN	IL 9 (ANN ELIZA) & IL 29 (FIFTH)	108.0
		IL 9 (MARGARET) & IL 29 (THIRD)	35.0
	WASHINGTON	US 24 (BOYD) & CUMMINGS	50.0
TAZEWELL COUNTY TOTAL			383.0
WOODFORD	METAMORA	IL 116 (MT. VERNON) & IL 89 (NILES)	43.0
WOODFORD COUNTY TOTAL			43.0
TOTAL			450.0

8102 8370			
UNDERGROUND CONDUIT, PVC, 3" DIA.			
COUNTY	CITY	LOCATION	FOOT
KNOX	GALESBURG	US 150 (MAIN) & CHERRY	4.0
		US 150 (MAIN) & PRAIRIE	2.0
		US 150 (MAIN) & SEMINARY	2.0
KNOX COUNTY TOTAL			8.0
TAZEWELL	EAST PEORIA	IL 116 (MAIN) & GOLD/ KROGER ENTRANCE	105.0
TAZEWELL COUNTY TOTAL			105.0
TOTAL			113.0

8102 8350			
HANDHOLE, PORTLAND CEMENT CONCRETE			
COUNTY	CITY	LOCATION	EACH
TAZEWELL	EAST PEORIA	IL 116 & BLACKJACK	1.0
		IL 116 (MAIN) & GOLD/ KROGER ENTRANCE	1.0
		US 150 (MEADOW)/ARNOLD & IL 8 (WASHINGTON)	1.0
	PEKIN	IL 9 (ANN ELIZA) & IL 29 (FIFTH)	1.0
TAZEWELL COUNTY TOTAL			4.0
WOODFORD	METAMORA	IL 116 (MT. VERNON) & IL 89 (NILES)	1.0
WOODFORD COUNTY TOTAL			1.0
TOTAL			5.0

86300400			
CONTROLLER CABINET TYPE IV			
COUNTY	CITY	LOCATION	EACH
FULTON	CANTON	IL 78 (MAIN) & SYCAMORE TERRACE	1.0
		IL 9 (5TH) & CHESTNUT	1.0
FULTON COUNTY TOTAL			2.0
KNOX	GALESBURG	US 150 (GRAND) & FARNHAM	1.0
		US 150 (HENDERSON) & CARL SANDBURG	1.0
		US 150 (HENDERSON) & FREMONT	1.0
		US 150 (MAIN) & CHERRY	1.0
		US 150 (MAIN) & PRAIRIE	1.0
		US 150 (MAIN) & SEMINARY	1.0
		US 150 (HENDERSON) & HOME	1.0
		US 150 (HENDERSON) & DAYTON	1.0
KNOX COUNTY TOTAL			8.0
TAZEWELL	EAST PEORIA	US 150 (MEADOW)/ARNOLD & IL 8 (WASHINGTON)	1.0
		IL 8 (WASHINGTON) & CARVER/ JAY	1.0
		WASHINGTON & TAYLOR/ VETERANS	1.0
		IL 8 (WASHINGTON) & FARMDALE/ ILLINI	1.0
	PEKIN	IL 9 (ANN ELIZA) & IL 29 (FIFTH)	1.0
	WASHINGTON	US 24 (BOYD) & CUMMINGS	1.0
TAZEWELL COUNTY TOTAL			6.0
TOTAL			16.0

87301225			
ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 3C			
COUNTY	CITY	LOCATION	FOOT
KNOX	GALESBURG	US 150 (GRAND) & FARNHAM	86.0
		US 150 (HENDERSON) & CARL SANDBURG	253.0
		US 150 (MAIN) & CHERRY	50.5
		US 150 (MAIN) & PRAIRIE	44.5
		US 150 (MAIN) & SEMINARY	46.5
KNOX COUNTY TOTAL			480.5
MCDONOUGH	MACOMB	US 67/ US 136 (CALHOUN) & US 67/ US 136 (CAMPBELL)	221.0
MCDONOUGH COUNTY TOTAL			221.0
TAZEWELL	EAST PEORIA	IL 116 & BLACKJACK	567.0
		IL 116 (MAIN) & GOLD/ KROGER ENTRANCE	563.0
		US 150 (MEADOW)/ARNOLD & IL 8 (WASHINGTON)	700.0
		WASHINGTON & TAYLOR/ VETERANS	279.0
	MORTON	US 150 (JACKSON) & DETROIT	1565.5
		IL 9 (ANN ELIZA) & IL 29 (FIFTH)	1073.5
	PEKIN	IL 9 (ANN ELIZA) & THIRD	256.5
		IL 9 (MARGARET) & IL 29 (SECOND)	165.0
		IL 9 (MARGARET) & IL 29 (THIRD)	60.0
	WASHINGTON	US 24 (BOYD) & CUMMINGS	363.0
TAZEWELL COUNTY TOTAL			5592.5
WOODFORD	METAMORA	IL 116 (MT. VERNON) & IL 89 (NILES)	301.5
WOODFORD COUNTY TOTAL			301.5
TOTAL			6595.5

87301245			
ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 5C			
COUNTY	CITY	LOCATION	FOOT
KNOX	GALESBURG	US 150 (HENDERSON) & CARL SANDBURG	169.5
		US 150 (MAIN) & CHERRY	422.0
		US 150 (MAIN) & PRAIRIE	427.0
		US 150 (MAIN) & SEMINARY	550.0
KNOX COUNTY TOTAL			1568.5
MARSHALL	LACON	IL 17 (FIFTH) & HIGH	364.0
		IL 17 (FIFTH) & IL 26 (PRAIRIE)	233.0
MARSHALL COUNTY TOTAL			597.0
TAZEWELL	EAST PEORIA	IL 116 & BLACKJACK	407.5
		IL 116 (MAIN) & GOLD/ KROGER ENTRANCE	1014.5
		US 150 (MEADOW)/ARNOLD & IL 8 (WASHINGTON)	1168.5
		WASHINGTON & TAYLOR/ VETERANS	294.0
	MORTON	US 150 (JACKSON) & DETROIT	1076.0
	PEKIN	IL 9 (ANN ELIZA) & IL 29 (FIFTH)	480.5
		IL 9 (ANN ELIZA) & THIRD	226.5
		IL 9 (MARGARET) & IL 29 (THIRD)	922.0
		IL 9/ IL 29 (MARGARET) & CAPITOL	415.0
		IL 9/ IL 29 (MARGARET) & FOURTH	386.5
	WASHINGTON	IL 9/ IL 29 (MARGARET) & IL 29 (FIFTH)	354.0
		US 24 (BOYD) & CUMMINGS	100.0
TAZEWELL COUNTY TOTAL			6845.0
WOODFORD	METAMORA	IL 116 (MT. VERNON) & IL 89 (NILES)	322.5
WOODFORD COUNTY TOTAL			322.5
TOTAL			9333.0

87301255			
ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 7C			
COUNTY	CITY	LOCATION	FOOT
TAZEWELL	EAST PEORIA	IL 116 (MAIN) & GOLD/ KROGER ENTRANCE	448.5
TAZEWELL COUNTY TOTAL			448.5
TOTAL			448.5

87301900			
ELECTRIC CABLE IN CONDUIT, EQUIPMENT GROUNDING CONDUCTOR, NO. 6 1C			
COUNTY	CITY	LOCATION	FOOT
KNOX	GALESBURG	US 150 (HENDERSON) & CARL SANDBURG	43.0
KNOX COUNTY TOTAL			43.0
TAZEWELL	EAST PEORIA	IL 116 & BLACKJACK	70.5
		IL 116 (MAIN) & GOLD/ KROGER ENTRANCE	132.5
		US 150 (MEADOW)/ARNOLD & IL 8 (WASHINGTON)	140.0
		WASHINGTON & TAYLOR/ VETERANS	54.5
	PEKIN	IL 9 (ANN ELIZA) & IL 29 (FIFTH)	146.0
		IL 9 (MARGARET) & IL 29 (THIRD)	54.0
		US 24 (BOYD) & CUMMINGS	69.0
	WASHINGTON		
TAZEWELL COUNTY TOTAL			666.5
WOODFORD	METAMORA	IL 116 (MT. VERNON) & IL 89 (NILES)	68.5
WOODFORD COUNTY TOTAL			68.5
TOTAL			778.0

87502450			
TRAFFIC SIGNAL POST, GALVANIZED STEEL 11 FT.			
COUNTY	CITY	LOCATION	EACH
KNOX	GALESBURG	US 150 (HENDERSON) & CARL SANDBURG	1.0
KNOX COUNTY TOTAL			1.0
TAZEWELL	EAST PEORIA	IL 116 & BLACKJACK	1.0
		IL 116 (MAIN) & GOLD/ KROGER ENTRANCE	1.0
		US 150 (MEADOW)/ARNOLD & IL 8 (WASHINGTON)	1.0
		WASHINGTON & TAYLOR/ VETERANS	1.0
	PEKIN	IL 9 (ANN ELIZA) & IL 29 (FIFTH)	2.0
		IL 9 (MARGARET) & IL 29 (THIRD)	1.0
	WASHINGTON	US 24 (BOYD) & CUMMINGS	1.0
	TAZEWELL COUNTY TOTAL		
WOODFORD	METAMORA	IL 116 (MT. VERNON) & IL 89 (NILES)	1.0
WOODFORD COUNTY TOTAL			1.0
TOTAL			10.0

87502490			
TRAFFIC SIGNAL POST, GALVANIZED STEEL 15 FT.			
COUNTY	CITY	LOCATION	EACH
TAZEWELL	EAST PEORIA	US 150 (MEADOW)/ARNOLD & IL 8 (WASHINGTON)	2.0
TAZEWELL COUNTY TOTAL			2.0
TOTAL			2.0

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87900200				
DRILL EXISTING HANDHOLE				
COUNTY	CITY	LOCATION	EACH	
FULTON	CANTON	IL 78 (MAIN) & LINCOLN	2.0	
		IL 78 (MAIN) & SYCAMORE TERRACE	4.0	
		IL 9 (5TH) & CHESTNUT	2.0	
FULTON COUNTY TOTAL			8.0	
KNOX	GALESBURG	US 150 (HENDERSON) & HOME	2.0	
		US 150 (HENDERSON) & DAYTON	2.0	
		US 150 (GRAND) & FARNHAM	3.0	
US 150 (HENDERSON) & CARL SANDBURG			3.0	
KNOX COUNTY TOTAL			10.0	
MARSHALL	LACON	IL 17 (FIFTH) & HIGH	4.0	
		IL 17 (FIFTH) & IL 26 (PRAIRIE)	1.0	
MARSHALL COUNTY TOTAL			5.0	
MCDONOUGH	MACOMB	US 67 (LAFAYETTE) & PIERCE	4.0	
		US 67/ US 136 (JACKSON) & PRAIRIE	3.0	
MCDONOUGH COUNTY TOTAL			7.0	
TAZEWELL	EAST PEORIA	IL 116 & BLACKJACK	1.0	
		IL 116 (MAIN) & GOLD/ KROGER ENTRANCE	3.0	
		IL 8 (WASHINGTON) & CARVER/ JAY	2.0	
		IL 8 (WASHINGTON) & DOLANS	1.0	
		IL 8 (WASHINGTON) & FARMDALE/ ILLINI	1.0	
		IL 8 (WASHINGTON) & ROSEDALE/ PUTNAM	2.0	
		US 150 (MEADOW)/ARNOLD & IL 8 (WASHINGTON)	3.0	
	PEKIN	WASHINGTON & TAYLOR/ VETERANS	2.0	
		IL 9 (ANN ELIZA) & IL 29 (FIFTH)	1.0	
		IL 9 (ANN ELIZA) & THIRD	1.0	
	WASHINGTON	IL 9 (MARGARET) & IL 29 (SECOND)	1.0	
		BUS 24 (PEORIA) & WILMOR	3.0	
		BUS 24 (WASHINGTON/ PEORIA) & EAGLE	1.0	
		IL 8 (WASHINGTON) & SCHOOL	1.0	
IL 8 (WASHINGTON) & SUMMIT		1.0		
US 24 (BOYD) & CUMMINGS			1.0	
TAZEWELL COUNTY TOTAL			25.0	
WOODFORD	GERMANTOWN HILLS	IL 116 & ARBOR VITAE/ SCHMITT	1.0	
		IL 116 & FANDEL/ CATERPILLAR TRAIL	3.0	
	GOODFIELD	US 150 (PEORIA) & IL 117 (EUREKA)	1.0	
METAMORA			IL 116 (MT. VERNON) & IL 89 (NILES)	1.0
WOODFORD COUNTY TOTAL			6.0	
TOTAL			61.0	

88040070			
SIGNALHEAD, POLYCARBONATE, LED, 1-FACE, 3-SECTION, BRACKET MOUNTED			
COUNTY	CITY	LOCATION	EACH
TAZEWELL	EAST PEORIA	US 150 (MEADOW)/ARNOLD & IL 8 (WASHINGTON)	2.0
TAZEWELL COUNTY TOTAL			2.0
TOTAL			2.0

88102825			
PEDESTRIAN SIGNAL HEAD, POLYCARBONATE, LED, 1-FACE, BRACKET MOUNTED WITH COUNT DOWN TIMER			
COUNTY	CITY	LOCATION	EACH
KNOX	GALESBURG	US 150 (HENDERSON) & CARL SANDBURG	2.0
KNOX COUNTY TOTAL			2.0
TAZEWELL	EAST PEORIA	IL 116 & BLACKJACK	2.0
		IL 116 (MAIN) & GOLD/ KROGER ENTRANCE	3.0
		US 150 (MEADOW)/ARNOLD & IL 8 (WASHINGTON)	4.0
	MORTON	WASHINGTON & TAYLOR/ VETERANS	2.0
		US 150 (JACKSON) & DETROIT	4.0
	PEKIN	IL 9 (ANN ELIZA) & IL 29 (FIFTH)	4.0
		IL 9 (MARGARET) & IL 29 (THIRD)	2.0
	WASHINGTON	US 24 (BOYD) & CUMMINGS	2.0
		TAZEWELL COUNTY TOTAL	23.0
WOODFORD	METAMORA	IL 116 (MT. VERNON) & IL 89 (NILES)	2.0
WOODFORD COUNTY TOTAL			2.0
TOTAL			27.0

88102845			
PEDESTRIAN SIGNAL HEAD, POLYCARBONATE, LED, 2-FACE, BRACKET MOUNTED WITH COUNT DOWN TIMER			
COUNTY	CITY	LOCATION	EACH
TAZEWELL	EAST PEORIA	IL 116 (MAIN) & GOLD/ KROGER ENTRANCE	1.0
		US 150 (MEADOW)/ARNOLD & IL 8 (WASHINGTON)	2.0
TAZEWELL COUNTY TOTAL			3.0
TOTAL			3.0

88200510			
TRAFFIC SIGNAL BACKPLATE, RETROREFLECTIVE			
COUNTY	CITY	LOCATION	EACH
FULTON	CANTON	IL 78 (MAIN) & LINCOLN	3.0
		IL 78 (MAIN) & SYCAMORE TERRACE	5.0
		IL 9 (5TH) & CHESTNUT	7.0
		IL 9 (LOCUST) & 1ST	8.0
		IL 9 (LOCUST) & IL 78 (MAIN)	8.0
FULTON COUNTY TOTAL			31.0
KNOX	GALESBURG	US 150 (GRAND) & FARNHAM	2.0
		US 150 (HENDERSON) & CARL SANDBURG	9.0
		US 150 (HENDERSON) & FREMONT	4.0
		US 150 (MAIN) & ACADEMY	6.0
		US 150 (MAIN) & KELLOGG	4.0
		US 150 (HENDERSON) & HOME	6.0
		US 150 (HENDERSON) & DAYTON	6.0

MARSHALL	LACON	IL 17 (FIFTH) & HIGH	2.0
		IL 17 (FIFTH) & IL 26 (PRAIRIE)	4.0

MARSHALL COUNTY TOTAL			6.0
MCDONOUGH	GOOD HOPE	US 67 (MON MOUTH) & MAIN/ 1900TH	2.0
	MACOMB	US 136 (JACKSON) & US 136 (JOHNSON)	8.0
		US 67 (LAFAYETTE) & PIERCE	6.0
		US 67/ US 136 (CALHOUN) & US 67 (LAFAYETTE)	5.0
		US 67/ US 136 (CALHOUN) & US 67/ US 136 (CAMPBELL)	5.0
		US 67/ US 136 (JACKSON) & DUDLEY	1.0
		US 67/ US 136 (JACKSON) & PRAIRIE	4.0
		MCDONOUGH COUNTY TOTAL	31.0

TAZEWELL	EAST PEORIA	IL 116 (MAIN) & GOLD/ KROGER ENTRANCE	5.0
		IL 8 (WASHINGTON) & CARVER/ JAY	5.0
		IL 8 (WASHINGTON) & DOLANS	2.0
		IL 8 (WASHINGTON) & FARMDALE/ ILLINI	5.0
		IL 8 (WASHINGTON) & ROSEDALE/ PUTNAM	1.0
		US 150 (MEADOW)/ARNOLD & IL 8 (WASHINGTON)	5.0
		WASHINGTON & TAYLOR/VETERANS	4.0
	MORTON	MORTON & BOND	2.0
		US 150 (JACKSON) & VETERANS	4.0
		IL 29 (EIGHTH) & SHERIDAN	6.0
	PEKIN	IL 9/ IL 29 (MARGARET) & CAPITOL	2.0
		IL 9/ IL 29 (MARGARET) & FOURTH	2.0
		IL 9/ IL 29 (MARGARET) & IL 29 (FIFTH)	2.0
	WASHINGTON	BUS 24 (PEORIA) & WILMOR	2.0
		IL 8 (WASHINGTON) & SCHOOL	7.0
		IL 8 (WASHINGTON) & SUMMIT	4.0
		US 24 (BOYD) & CUMMINGS	2.0

WOODFORD	EUREKA	US 24 (CENTER) & IL 117 (MAIN)	8.0
	GERMANTOWN HILLS	IL 116 & ARBOR VITAE/ SCHMITT	2.0
	GOODFIELD	US 150 (PEORIA) & IL 117 (EUREKA)	4.0
	METAMORA	IL 116 (MT. VERNON) & IL 89 (NILES)	4.0
WOODFORD COUNTY TOTAL			18.0
TOTAL			183.0

89502210			
MODIFY EXISTING CONTROLLER CABINET			
COUNTY	CITY	LOCATION	EACH
TAZEWELL	EAST PEORIA	IL 116 (MAIN) & GOLD/ KROGER ENTRANCE	1.0
TAZEWELL COUNTY TOTAL			1.0
TOTAL			1.0

89502220			
MODIFY EXISTING CONCRETE FOUNDATION			
COUNTY	CITY	LOCATION	EACH
TAZEWELL	PEKIN	IL 9 (ANN ELIZA) & IL 29 (FIFTH)	1.0
TAZEWELL COUNTY TOTAL			1.0
TOTAL			1.0

X1400520			
THHN WIRE ENCASED IN PVC TUBE, NO. 19/27 AWG			
COUNTY	CITY	LOCATION	FOOT
FULTON	CANTON	IL 9 (5TH) & CHESTNUT	186.0
		IL 9 (LOCUST) & 1ST	434.0
		IL 9 (LOCUST) & IL 78 (MAIN)	462.0
FULTON COUNTY TOTAL			1082.0
KNOX	ABINGDON	IL 41 (MONROE) & LATIMER	399.0
	GALESBURG	US 150 (GRAND) & FARNHAM	54.5
		US 150 (HENDERSON) & CARL SANDBURG	199.0
		US 150 (HENDERSON) & FREMONT	140.0
		US 150 (MAIN) & ACADEMY	242.0
		US 150 (MAIN) & CHERRY	273.0
		US 150 (MAIN) & KELLOGG	142.0
		US 150 (MAIN) & PRAIRIE	259.0
		US 150 (MAIN) & SEMINARY	277.0
	US 150 (HENDERSON) & DAYTON	57.0	

MARSHALL	LACON	IL 17 (FIFTH) & IL 26 (PRAIRIE)	328.0
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MARSHALL COUNTY TOTAL			328.0
MCDONOUGH	MACOMB	US 136 (JACKSON) & US 136 (JOHNSON)	338.0
		US 67/ US 136 (CALHOUN) & US 67 (LAFAYETTE)	311.0
		US 67/ US 136 (CALHOUN) & US 67/ US 136 (CAMPBELL)	304.0
		US 67/ US 136 (JACKSON) & DUDLEY	686.0
		US 67/ US 136 (JACKSON) & US 67/ US 136 (CAMPBELL)	388.0
		MCDONOUGH COUNTY TOTAL	2027.0

TAZEWELL	EAST PEORIA	IL 8 (WASHINGTON) & FARMDALE/ ILLINI	129.0
		IL 8 (WASHINGTON) & ROSEDALE/ PUTNAM	134.0
		US 150 (MEADOW)/ARNOLD & IL 8 (WASHINGTON)	333.0
	MORTON	WASHINGTON & TAYLOR/ VETERANS	100.0
		US 150 (JACKSON) & DETROIT	135.0
	PEKIN	IL 29 (EIGHTH) & SHERIDAN	411.0
		IL 9 (ANN ELIZA) & IL 29 (FIFTH)	493.0
		IL 9 (ANN ELIZA) & THIRD	216.0
		IL 9 (MARGARET) & IL 29 (THIRD)	185.0
		IL 9/ IL 29 (MARGARET) & FOURTH	224.0
		IL 9/ IL 29 (MARGARET) & IL 29 (FIFTH)	182.0
	WASHINGTON	IL 8 (WASHINGTON) & SCHOOL	422.0
		IL 8 (WASHINGTON) & SUMMIT	221.0
		US 24 (BOYD) & CUMMINGS	116.0
		TAZEWELL COUNTY TOTAL	3301.0

WOODFORD	METAMORA	IL 116 (MT. VERNON) & IL 89 (NILES)	65.0
WOODFORD COUNTY TOTAL			65.0
TOTAL			8845.5

X8860016			
SAW CUT FOR ELECTRICAL CABLE INSTALLATION, 5/16"			
COUNTY	CITY	LOCATION	FOOT
FULTON	CANTON	IL 9 (LOCUST) & 1ST	88.0
		IL 9 (LOCUST) & IL 78 (MAIN)	78.0
FULTON COUNTY TOTAL			166.0
KNOX	GALESBURG	US 150 (GRAND) & FARNHAM	30.0
		US 150 (HENDERSON) & CARL SANDBURG	26.0
		US 150 (MAIN) & CHERRY	47.0
		US 150 (MAIN) & KELLOGG	35.0
		US 150 (MAIN) & PRAIRIE	43.0
		US 150 (MAIN) & SEMINARY	53.0

MCDONOUGH	MACOMB	US 136 (JACKSON) & US 136 (JOHNSON)	33.0
		US 67/ US 136 (CALHOUN) & US 67 (LAFAYETTE)	21.0
		US 67/ US 136 (CALHOUN) & US 67/ US 136 (CAMPBELL)	39.0
		US 67/ US 136 (JACKSON) & US 67/ US 136 (CAMPBELL)	38.0
MCDONOUGH COUNTY TOTAL			131.0

TAZEWELL	EAST PEORIA	IL 8 (WASHINGTON) & FARMDALE/ ILLINI	35.0
		US 150 (MEADOW)/ARNOLD & IL 8 (WASHINGTON)	65.0
		WASHINGTON & TAYLOR/ VETERANS	15.0
	MORTON	US 150 (JACKSON) & DETROIT	26.0
	PEKIN	IL 9 (ANN ELIZA) & IL 29 (FIFTH)	36.0
		IL 9 (ANN ELIZA) & THIRD	32.0
		IL 9 (MARGARET) & IL 29 (THIRD)	22.0
	WASHINGTON	IL 8 (WASHINGTON) & SCHOOL	44.0
		IL 8 (WASHINGTON) & SUMMIT	30.0
		US 24 (BOYD) & CUMMINGS	17.0

WOODFORD	METAMORA	IL 116 (MT. VERNON) & IL 89 (NILES)	10.0
WOODFORD COUNTY TOTAL			10.0
TOTAL			863.0

X8860008			
SAW CUT FOR ELECTRICAL CABLE INSTALLATION, 5/8"			
COUNTY	CITY	LOCATION	FOOT
FULTON	CANTON	IL 9 (5TH) & CHESTNUT	19.0
FULTON COUNTY TOTAL			19.0
KNOX	ABINGDON	IL 41 (MONROE) & LATIMER	47.0
	GALESBURG	US 150 (HENDERSON) & FREMONT	13.0
		US 150 (MAIN) & ACADEMY	27.0
		US 150 (HENDERSON) & DAYTON	7.0
KNOX COUNTY TOTAL			94.0
MARSHALL	LACON	IL 17 (FIFTH) & IL 26 (PRAIRIE)	18.0
MARSHALL COUNTY TOTAL			18.0
MCDONOUGH	MACOMB	US 136 (JACKSON) & US 136 (JOHNSON)	3.0
		US 67/ US 136 (CALHOUN) & US 67 (LAFAYETTE)	20.0
		US 67/ US 136 (CALHOUN) & US 67/ US 136 (CAMPBELL)	16.0
		US 67/ US 136 (JACKSON) & DUDLEY	40.0
MCDONOUGH COUNTY TOTAL			79.0
TAZEWELL	EAST PEORIA	IL 8 (WASHINGTON) & ROSEDALE/ PUTNAM	14.0
	PEKIN	IL 29 (EIGHTH) & SHERIDAN	31.0
		IL 9 (ANN ELIZA) & IL 29 (FIFTH)	20.0
		IL 9/ IL 29 (MARGARET) & FOURTH	6.0
		IL 9/ IL 29 (MARGARET) & IL 29 (FIFTH)	4.0
	WASHINGTON	IL 8 (WASHINGTON) & SCHOOL	19.0
		IL 8 (WASHINGTON) & SUMMIT	2.0
TAZEWELL COUNTY TOTAL			96.0
TOTAL			306.0



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X8760002			
APS EXTENSION BRACKET			
COUNTY	CITY	LOCATION	EACH
KNOX	GALESBURG	US 150 (HENDERSON) & HOME	4.0
		US 150 (HENDERSON) & FREMONT	2.0
KNOX COUNTY TOTAL			6.0
MARSHALL	LACON	IL 17 (FIFTH) & IL 26 (PRAIRIE)	4.0
MARSHALL COUNTY TOTAL			4.0
MCDONOUGH	GOOD HOPE	US 67 (MONMOUTH) & MAIN/ 1900TH	4.0
	MACOMB	US 136 (JACKSON) & US 136 (JOHNSON)	2.0
		US 67/ US 136 (CALHOUN) & US 67 (LAFAYETTE)	1.0
MCDONOUGH COUNTY TOTAL			7.0
TAZEWELL	EAST PEORIA	IL 116 & BLACKJACK	1.0
		IL 8 (WASHINGTON) & FARMDALE/ ILLINI	2.0
	MORTON	MORTON & BOND	2.0
		US 150 (JACKSON) & DETROIT	7.0
		US 150 (JACKSON) & VETERANS	1.0
	PEKIN	IL 9 (ANN ELIZA) & IL 29 (SECOND)	2.0
		IL 9 (ANN ELIZA) & THIRD	1.0
		IL 9/ IL 29 (MARGARET) & CAPITOL	2.0
TAZEWELL COUNTY TOTAL			18.0
WOODFORD	EUREKA	US 24 (CENTER) & IL 117 (MAIN)	2.0
	GERMANTOWN HILLS	IL 116 & ARBOR VITAE/ SCHMITT	1.0
	GOODFIELD	US 150 (PEORIA) & IL 117 (EUREKA)	1.0
WOODFORD COUNTY TOTAL			4.0
TOTAL			39.0
X8760203			
PEDESTRIAN PUSH-BUTTON POST (NO FOUNDATION)			
COUNTY	CITY	LOCATION	EACH
FULTON	CANTON	IL 78 (MAIN) & LINCOLN	2.0
		IL 78 (MAIN) & SYCAMORE TERRACE	1.0
		IL 9 (5TH) & CHESTNUT	3.0
		IL 9 (LOCUST) & 1ST	7.0
		IL 9 (LOCUST) & IL 78 (MAIN)	8.0
FULTON COUNTY TOTAL			21.0
KNOX	ABINGDON	IL 41 (MONROE) & LATIMER	4.0
	GALESBURG	US 150 (GRAND) & FARNHAM	1.0
		US 150 (HENDERSON) & CARL SANDBURG	5.0
		US 150 (HENDERSON) & FREMONT	1.0
		US 150 (MAIN) & ACADEMY	3.0
		US 150 (MAIN) & CHERRY	4.0
		US 150 (MAIN) & KELLOGG	2.0
		US 150 (MAIN) & PRAIRIE	4.0
		US 150 (MAIN) & SEMINARY	4.0
US 150 (HENDERSON) & DAYTON	1.0		
KNOX COUNTY TOTAL			29.0
MARSHALL	LACON	IL 17 (FIFTH) & IL 26 (PRAIRIE)	2.0
MARSHALL COUNTY TOTAL			2.0
MCDONOUGH	MACOMB	US 136 (JACKSON) & US 136 (JOHNSON)	4.0
		US 67/ US 136 (CALHOUN) & US 67 (LAFAYETTE)	5.0
		US 67/ US 136 (CALHOUN) & US 67/ US 136 (CAMPBELL)	4.0
		US 67/ US 136 (JACKSON) & DUDLEY	4.0
		US 67/ US 136 (JACKSON) & US 67/ US 136 (CAMPBELL)	3.0
MCDONOUGH COUNTY TOTAL			20.0
TAZEWELL	EAST PEORIA	IL 8 (WASHINGTON) & FARMDALE/ ILLINI	1.0
		IL 8 (WASHINGTON) & ROSEDALE/ PUTNAM	1.0
		US 150 (MEADOW)/ARNOLD & IL 8 (WASHINGTON)	5.0
		WASHINGTON & TAYLOR/ VETERANS	2.0
	MORTON	US 150 (JACKSON) & DETROIT	3.0
	PEKIN	IL 29 (EIGHTH) & SHERIDAN	3.0
		IL 9 (ANN ELIZA) & IL 29 (FIFTH)	7.0
		IL 9 (ANN ELIZA) & THIRD	3.0
		IL 9 (MARGARET) & IL 29 (THIRD)	3.0
		IL 9/ IL 29 (MARGARET) & FOURTH	2.0
		IL 9/ IL 29 (MARGARET) & IL 29 (FIFTH)	2.0
	WASHINGTON	BUS 24 (WASHINGTON/ PEORIA) & EAGLE	2.0
		IL 8 (WASHINGTON) & SCHOOL	6.0
		IL 8 (WASHINGTON) & SUMMIT	3.0
US 24 (BOYD) & CUMMINGS		2.0	
TAZEWELL COUNTY TOTAL			45.0
WOODFORD	METAMORA	IL 116 (MT. VERNON) & IL 89 (NILES)	2.0
WOODFORD COUNTY TOTAL			2.0
TOTAL			119.0
X0327739			
MISCELLANEOUS ELECTRICAL WORK			
COUNTY	CITY	LOCATION	L SUM
VARIOUS	VARIOUS	VARIOUS	1.0
TOTAL			1.0

X1400087			
SIGNAL HEAD, POLYCARBONATE, LED, 1-FACE, 3-SECTION, MAST ARM MOUNTED (SPECIAL)			
COUNTY	CITY	LOCATION	EACH
WOODFORD	GERMANTOWN HILLS	IL 116 & ARBOR VITAE/ SCHMITT	2.0
WOODFORD COUNTY TOTAL			2.0
TOTAL			2.0
X4402815			
ISLAND PAVEMENT REMOVAL AND REPLACEMENT			
COUNTY	CITY	LOCATION	SQ FT
TAZEWELL	EAST PEORIA	IL 116 & BLACKJACK	65.0
		WASHINGTON & TAYLOR/ VETERANS	36.0
TAZEWELL COUNTY TOTAL			101.0
WOODFORD	METAMORA	IL 116 (MT. VERNON) & IL 89 (NILES)	40.0
WOODFORD COUNTY TOTAL			40.0
TOTAL			141.0

X8760200			
ACCESSIBLE PEDESTRIAN SIGNALS			
COUNTY	CITY	LOCATION	EACH
FULTON	CANTON	IL 78 (MAIN) & LINCOLN	4.0
		IL 78 (MAIN) & SYCAMORE TERRACE	6.0
		IL 9 (5TH) & CHESTNUT	8.0
		IL 9 (LOCUST) & 1ST	8.0
		IL 9 (LOCUST) & IL 78 (MAIN)	8.0
	LEWISTOWN	US 24/ IL 97/ IL 100 (MAIN) & US 24/ IL 97 (AVE. E)	8.0
FULTON COUNTY TOTAL			42.0
KNOX	ABINGDON	IL 41 (MONROE) & LATIMER	8.0
	GALESBURG	US 150 (GRAND) & FARNHAM	8.0
		US 150 (HENDERSON) & CARL SANDBURG	6.0
		US 150 (HENDERSON) & FREMONT	8.0
		US 150 (MAIN) & ACADEMY	8.0
		US 150 (MAIN) & CHAMBERS	8.0
		US 150 (MAIN) & CHERRY	8.0
		US 150 (MAIN) & KELLOGG	8.0
		US 150 (MAIN) & PRAIRIE	8.0
		US 150 (MAIN) & SEMINARY	8.0
		US 150 (HENDERSON) & HOME	8.0
		US 150 (HENDERSON) & DAYTON	8.0
KNOX COUNTY TOTAL			94.0
MARSHALL	LACON	IL 17 (FIFTH) & HIGH	8.0
		IL 17 (FIFTH) & IL 26 (PRAIRIE)	8.0
MARSHALL COUNTY TOTAL			16.0
MCDONOUGH	GOOD HOPE	US 67 (MONMOUTH) & MAIN/ 1900TH	8.0
	MACOMB	US 136 (JACKSON) & US 136 (JOHNSON)	10.0
		US 67 (LAFAYETTE) & PIERCE	8.0
		US 67/ US 136 (CALHOUN) & US 67 (LAFAYETTE)	10.0
		US 67/ US 136 (CALHOUN) & US 67/ US 136 (CAMPBELL)	10.0
		US 67/ US 136 (JACKSON) & BOWER	8.0
		US 67/ US 136 (JACKSON) & DUDLEY	8.0
		US 67/ US 136 (JACKSON) & PRAIRIE	8.0
		US 67/ US 136 (JACKSON) & US 67/ US 136 (CAMPBELL)	10.0
MCDONOUGH COUNTY TOTAL			80.0
TAZEWELL	EAST PEORIA	IL 116 & BLACKJACK	4.0
		IL 116 (MAIN) & GOLD/ KROGER ENTRANCE	6.0
		IL 8 (WASHINGTON) & CARVER/ JAY	8.0
		IL 8 (WASHINGTON) & DOLANS	4.0
		IL 8 (WASHINGTON) & FARMDALE/ ILLINI	8.0
		IL 8 (WASHINGTON) & ROSEDALE/ PUTNAM	8.0
		US 150 (MEADOW)/ARNOLD & IL 8 (WASHINGTON)	12.0
		WASHINGTON & TAYLOR/ VETERANS	10.0
	MORTON	MORTON & BOND	4.0
		US 150 (JACKSON) & DETROIT	8.0
		US 150 (JACKSON) & VETERANS	4.0
		IL 29 (EIGHTH) & SHERIDAN	8.0
	PEKIN	IL 9 (ANN ELIZA) & IL 29 (FIFTH)	12.0
		IL 9 (ANN ELIZA) & IL 29 (SECOND)	2.0
		IL 9 (ANN ELIZA) & THIRD	6.0
		IL 9 (MARGARET) & IL 29 (SECOND)	2.0
		IL 9 (MARGARET) & IL 29 (THIRD)	10.0
		IL 9/ IL 29 (MARGARET) & CAPITOL	8.0
		IL 9/ IL 29 (MARGARET) & FOURTH	8.0
		IL 9/ IL 29 (MARGARET) & IL 29 (FIFTH)	8.0
	WASHINGTON	BUS 24 (PEORIA) & WILMOR	8.0
		BUS 24 (WASHINGTON/ PEORIA) & EAGLE	6.0
		IL 8 (WASHINGTON) & SCHOOL	8.0
		IL 8 (WASHINGTON) & SUMMIT	8.0
		US 24 (BOYD) & CUMMINGS	6.0
TAZEWELL COUNTY TOTAL			176.0
WOODFORD	EUREKA	US 24 (CENTER) & IL 117 (MAIN)	8.0
	GERMANTOWN HILLS	IL 116 & ARBOR VITAE/ SCHMITT	2.0
		IL 116 & FANDEL/ CATERPILLAR TRAIL	4.0
	GOODFIELD	IL 116 & WOODLAND KNOLLS/ TEN MILE CREEK	2.0
		US 150 (PEORIA) & IL 117 (EUREKA)	2.0
	METAMORA	IL 116 (MT. VERNON) & IL 89 (NILES)	8.0
WOODFORD COUNTY TOTAL			26.0
TOTAL			434.0

X8760201			
PEDESTRIAN PUSH-BUTTON POST			
COUNTY	CITY	LOCATION	EACH
FULTON	CANTON	IL 78 (MAIN) & SYCAMORE TERRACE	3.0
		IL 9 (5TH) & CHESTNUT	1.0
FULTON COUNTY TOTAL			4.0
KNOX	GALESBURG	US 150 (GRAND) & FARNHAM	3.0
		US 150 (HENDERSON) & HOME	2.0
		US 150 (HENDERSON) & DAYTON	2.0
KNOX COUNTY TOTAL			7.0
MARSHALL	LACON	IL 17 (FIFTH) & HIGH	5.0
		IL 17 (FIFTH) & IL 26 (PRAIRIE)	1.0
MARSHALL COUNTY TOTAL			6.0
MCDONOUGH	MACOMB	US 67 (LAFAYETTE) & PIERCE	4.0
		US 67/ US 136 (JACKSON) & PRAIRIE	3.0
MCDONOUGH COUNTY TOTAL			7.0
TAZEWELL	EAST PEORIA	IL 116 & BLACKJACK	2.0
		IL 116 (MAIN) & GOLD/ KROGER ENTRANCE	3.0
		IL 8 (WASHINGTON) & CARVER/ JAY	2.0
		IL 8 (WASHINGTON) & DOLANS	1.0
		IL 8 (WASHINGTON) & FARMDALE/ ILLINI	1.0
		IL 8 (WASHINGTON) & ROSEDALE/ PUTNAM	2.0
		US 150 (MEADOW)/ARNOLD & IL 8 (WASHINGTON)	2.0
		WASHINGTON & TAYLOR/ VETERANS	2.0
	PEKIN	IL 9 (ANN ELIZA) & IL 29 (FIFTH)	1.0
		IL 9 (ANN ELIZA) & THIRD	2.0
		IL 9 (MARGARET) & IL 29 (SECOND)	1.0
WASHINGTON		BUS 24 (PEORIA) & WILMOR	3.0
TAZEWELL COUNTY TOTAL			22.0
WOODFORD	GERMANTOWN HILLS	IL 116 & ARBOR VITAE/ SCHMITT	1.0
		IL 116 & FANDEL/ CATERPILLAR TRAIL	3.0
	GOODFIELD	US 150 (PEORIA) & IL 117 (EUREKA)	1.0
WOODFORD COUNTY TOTAL			5.0
TOTAL			51.0

X8910050			
ILLUMINATED SIGN (SPECIAL)			
COUNTY	CITY	LOCATION	EACH
KNOX	GALESBURG	US 150 (HENDERSON) & CARL SANDBURG	1.0
KNOX COUNTY TOTAL			1.0
TAZEWELL	EAST PEORIA	IL 116 & BLACKJACK	1.0
		IL 116 (MAIN) & GOLD/ KROGER ENTRANCE	1.0
		US 150 (MEADOW)/ARNOLD & IL 8 (WASHINGTON)	1.0
	MORTON	US 150 (JACKSON) & DETROIT	2.0
	PEKIN	IL 9 (ANN ELIZA) & IL 29 (FIFTH)	2.0
		IL 9 (MARGARET) & IL 29 (THIRD)	1.0
	WASHINGTON	US 24 (BOYD) & CUMMINGS	1.0
TAZEWELL COUNTY TOTAL			9.0
WOODFORD	METAMORA	IL 116 (MT. VERNON) & IL 89 (NILES)	1.0
WOODFORD COUNTY TOTAL			1.0
TOTAL			11.0

Z0025615			
FURNISH AND INSTALL METAL SCREEN			
COUNTY	CITY	LOCATION	EACH
KNOX	ABINGDON	IL 41 (MONROE) & LATIMER	4.0
KNOX COUNTY TOTAL			4.0
TOTAL			4.0

Z0048665			
RAILROAD PROTECTIVE LIABILITY INSURANCE			
COUNTY	CITY	LOCATION	L SUM
MCDONOUGH	MACOMB	US 67/ US 136 (CALHOUN) & US 67 (LAFAYETTE)	0.5
MCDONOUGH COUNTY TOTAL			0.5
TAZEWELL	ABINGDON	IL 9 (MARGARET) & IL 29 (THIRD)	0.5
TAZEWELL COUNTY TOTAL			0.5
TOTAL			1.0

\* FULTON, KNOX, MARSHALL, MCDONOUGH, TAZEWELL & WOODFORD COUNTIES NOT TO SCALE

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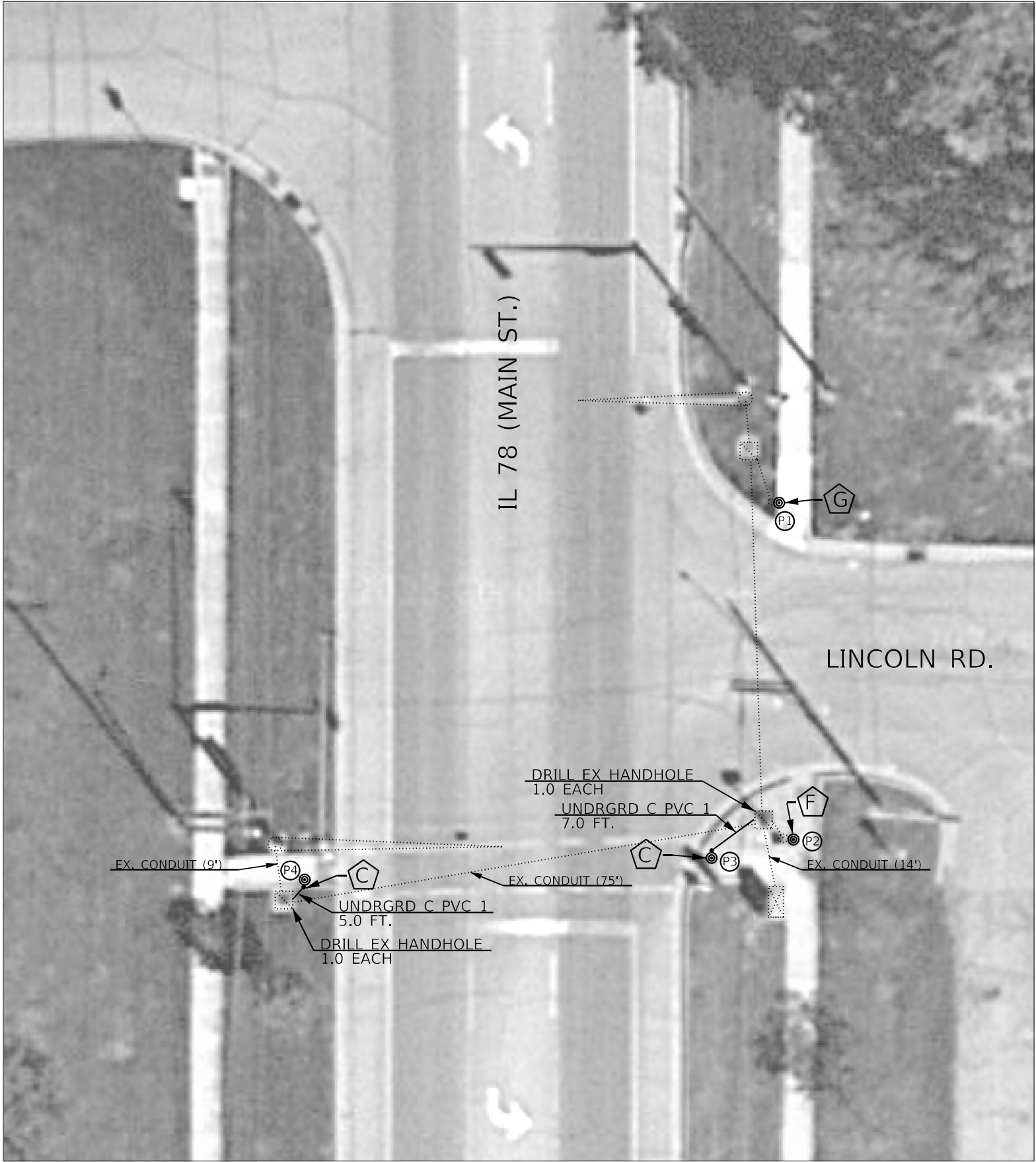
SCHEDULE OF PROPOSED RETROREFLECTIVE BACKPLATES ON EXISTING SIGNAL HEADS						
INTERSECTION	CITY	COUNTY	3-SECTION BACKPLATE	4-SECTION BACKPLATE	5-SECTION BACKPLATE	TOTAL (ON EXISTING SIGNAL HEADS)
IL 78 (MAIN ST.) & LINCOLN RD.	CANTON	FULTON	3.0			3.0
IL 78 (MAIN ST.) & SYCAMORE TERRACE	CANTON	FULTON	4.0	1.0		5.0
IL 9 (LOCUST ST.) & IL 78 (MAIN ST.)	CANTON	FULTON	3.0	5.0		8.0
IL 9 (LOCUST ST.) & 1ST AVE.	CANTON	FULTON	4.0	4.0		8.0
IL 9 (5TH AVE.) & CHESTNUT ST.	CANTON	FULTON	3.0	4.0		7.0
US 150 (MAIN ST.) & ACADEMY ST.	GALESBURG	KNOX	2.0	4.0		6.0
US 150 (MAIN ST.) & KELLOGG ST.	GALESBURG	KNOX	2.0	2.0		4.0
US 150 (GRAND AVE.) & FARNHAM ST.	GALESBURG	KNOX	2.0			2.0
US 150 (HENDERSON ST.) & CARL SANDBURG DR.	GALESBURG	KNOX	3.0	2.0	4.0	9.0
US 150 (HENDERSON ST.) & HOME BLVD.	GALESBURG	KNOX	2.0	4.0		6.0
US 150 (HENDERSON ST.) & DAYTON ST.	GALESBURG	KNOX	2.0	4.0		6.0
US 150 (HENDERSON ST.) & FREMONT ST.	GALESBURG	KNOX		4.0		4.0
IL 17 (FIFTH ST.) & IL 26 (PRAIRIE ST.)	LACON	MARSHALL	4.0			4.0
IL 17 (FIFTH ST.) & HIGH ST.	LACON	MARSHALL	2.0			2.0
US 67 (MONMOUTH ST.) & MAIN ST./ 1900TH RD.	GOOD HOPE	MCDONOUGH	2.0			2.0
US 136 (JACKSON ST.) & US 136 (JOHNSON ST.)	MACOMB	MCDONOUGH	4.0		4.0	8.0
US 67/US 136 (CALHOUN ST.) & US 67 (LAFAYETTE ST.)	MACOMB	MCDONOUGH	2.0	2.0	1.0	5.0
US 67 (LAFAYETTE ST.) & PIERCE ST.	MACOMB	MCDONOUGH	2.0	4.0		6.0
US 67/US 136 (CALHOUN ST.) & US 67/US 136 (CAMPBELL ST.)	MACOMB	MCDONOUGH	5.0			5.0
US 67/ US 136 (JACKSON ST.) & DUDLEY ST.	MACOMB	MCDONOUGH		1.0		1.0
US 67/ US 136 (JACKSON ST.) & PRAIRIE ST.	MACOMB	MCDONOUGH	2.0	2.0		4.0
MORTON AVE. & BOND ST.	MORTON	TAZEWELL	2.0			2.0
US 150 (JACKSON ST.) & VETERANS RD.	MORTON	TAZEWELL	2.0	2.0		4.0
IL 9/ IL 29 (MARGARET ST.) & CAPITOL ST.	PEKIN	TAZEWELL	2.0			2.0
IL 9/ IL 29 (MARGARET ST.) & FOURTH ST.	PEKIN	TAZEWELL	2.0			2.0
IL 9/ IL 29 (MARGARET ST.) & IL 29 (FIFTH ST.)	PEKIN	TAZEWELL	1.0	1.0		2.0
IL 29 (EIGHTH ST.) & SHERIDAN RD.	PEKIN	TAZEWELL	1.0	4.0	1.0	6.0
IL 116 (MAIN ST.) & GOLD ST./ KROGER ENTRANCE	EAST PEORIA	TAZEWELL	5.0			5.0
WASHINGTON ST. & TAYLOR ST./ VETERANS DR.	EAST PEORIA	TAZEWELL	2.0	1.0	1.0	4.0
IL 8 (WASHINGTON ST.) & US 150 (MEADOW AVE.)/ ARNOLD AVE.	EAST PEORIA	TAZEWELL	1.0	1.0	1.0	3.0
IL 8 (WASHINGTON ST.) & ROSEDALE RD./ PUTNAM ST.	EAST PEORIA	TAZEWELL		1.0		1.0
IL 8 (WASHINGTON ST.) & DOLANS LN.	EAST PEORIA	TAZEWELL	1.0	1.0		2.0
IL 8 (WASHINGTON ST.) & CARVER LN/ JAY ST.	EAST PEORIA	TAZEWELL	3.0	2.0		5.0
IL 8 (WASHINGTON ST.) & ILLINI DR./ FARMDALE RD.	EAST PEORIA	TAZEWELL	3.0	2.0		5.0
IL 8 (WASHINGTON RD.) & SUMMIT DR.	WASHINGTON	TAZEWELL		4.0		4.0
IL 9 (WASHINGTON RD.) & SCHOOL ST.	WASHINGTON	TAZEWELL	2.0	4.0	1.0	7.0
BUS 24 (PEORIA ST.) & WILMOR RD.	WASHINGTON	TAZEWELL		2.0		2.0
US 24 (BOYD PKWY.) & CUMMINGS LN.	WASHINGTON	TAZEWELL	2.0			2.0
US 24 (CENTER ST.) & IL 117 (MAIN ST.)	EUREKA	WOODFORD	3.0	4.0	1.0	8.0
US 150 (PEORIA ST.) & IL 117 (EUREKA ST.)	GOODFIELD	WOODFORD	2.0	2.0		4.0
IL 116 (MT. VERNON ST.) & IL 89 (NILES ST.)	METAMORA	WOODFORD	2.0	1.0	1.0	4.0
TOTAL QTY.			89.0	75.0	15.0	179.0
FOR SIGNAL HEADS THAT HAVE EXISTING BACKPLATES WITHOUT RETRO-REFLECTIVE SHEETING, THE CONTRACTOR SHALL REMOVE AND DISPOSE OF THE EXISTING BACKPLATE OFF OF THE JOB SITE AND INSTALL A NEW BACKPLATE WITH RETRO-REFLECTIVE SHEETING. THE COST OF THIS WORK WILL BE INCLUDED IN THE BID PRICE FOR THE "TRAFFIC SIGNAL BACKPLATE RETRO-REFLECTIVE."						

\* FULTON, KNOX, MARSHALL, MCDONOUGH, TAZEWELL & WOODFORD COUNTIES

NOT TO SCALE

MODEL Default FILE NAME: S:\ENR\WOODRIDGE\ANI\Hanson.dwg	USER NAME = Trevor.Hanson	DESIGNED -	REVISED	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SCHEDULE OF PROPOSED RETROREFLECTIVE BACKPLATES ON EXISTING SIGNAL HEADS			F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		DRAWN -	REVISED					VAR.	D4 ADA PUSHBUTTONS 2024-1	*	76	10
	PLOT SCALE = 23,8272 * / in.	CHECKED -	REVISED -		SCALE:			CONTRACT NO. 68H77				
	PLOT DATE = 8/22/2023	DATE -	REVISED -		SHEET OF SHEETS			ILLINOIS FED. AID PROJECT				

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CANTON TOWNSHIP  
40.578442, -90.036044

USER NAME = Trevor, Hanson	DESIGNED -	REVISED -
	DRAWN -	REVISED -
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PLOT DATE = 8/22/2023	DATE -	REVISED -

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

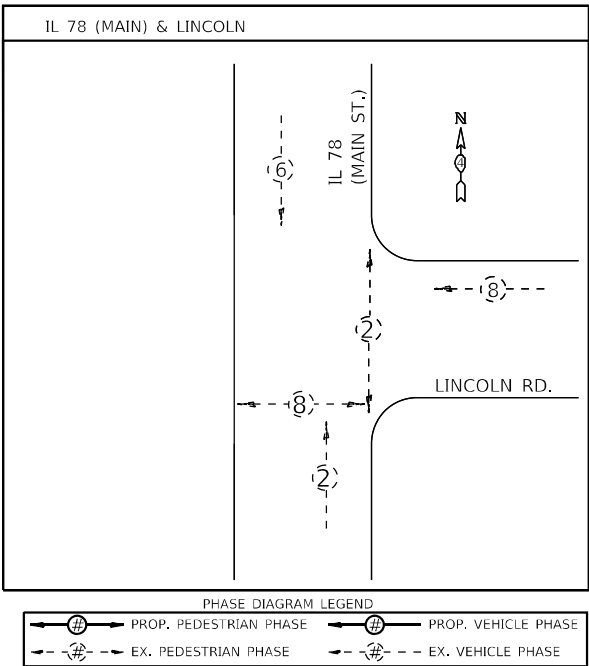
PROPOSED ACCESSIBLE PEDESTRIAN SIGNALS IL 78 (MAIN ST.) & LINCOLN RD. - CANTON			
SCALE:	SHEET	OF SHEETS	STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR.	D4 ADA PUSHBUTTONS 2024-1	FULTON	76	11
CONTRACT NO. 68H77				
ILLINOIS FED. AID PROJECT				

NOT TO SCALE

BILL OF MATERIALS		
IL 78 (MAIN) & LINCOLN		
ITEM DESCRIPTION	UNIT	QTY.
UNDERGROUND CONDUIT, PVC, 1" DIA.	FOOT	12.0
DRILL EXISTING HANDHOLE	EACH	2.0
ACCESSIBLE PEDESTRIAN SIGNALS	EACH	4.0
ANCHOR BOLT SET, 1/2 DIAMETER, WITH WEDGE ANCHORS	EACH	2.0
PEDESTRIAN PUSH-BUTTON POST (NO FOUNDATION)	EACH	2.0
TRAFFIC SIGNAL BACKPLATE, RETROREFLECTIVE	EACH	3.0

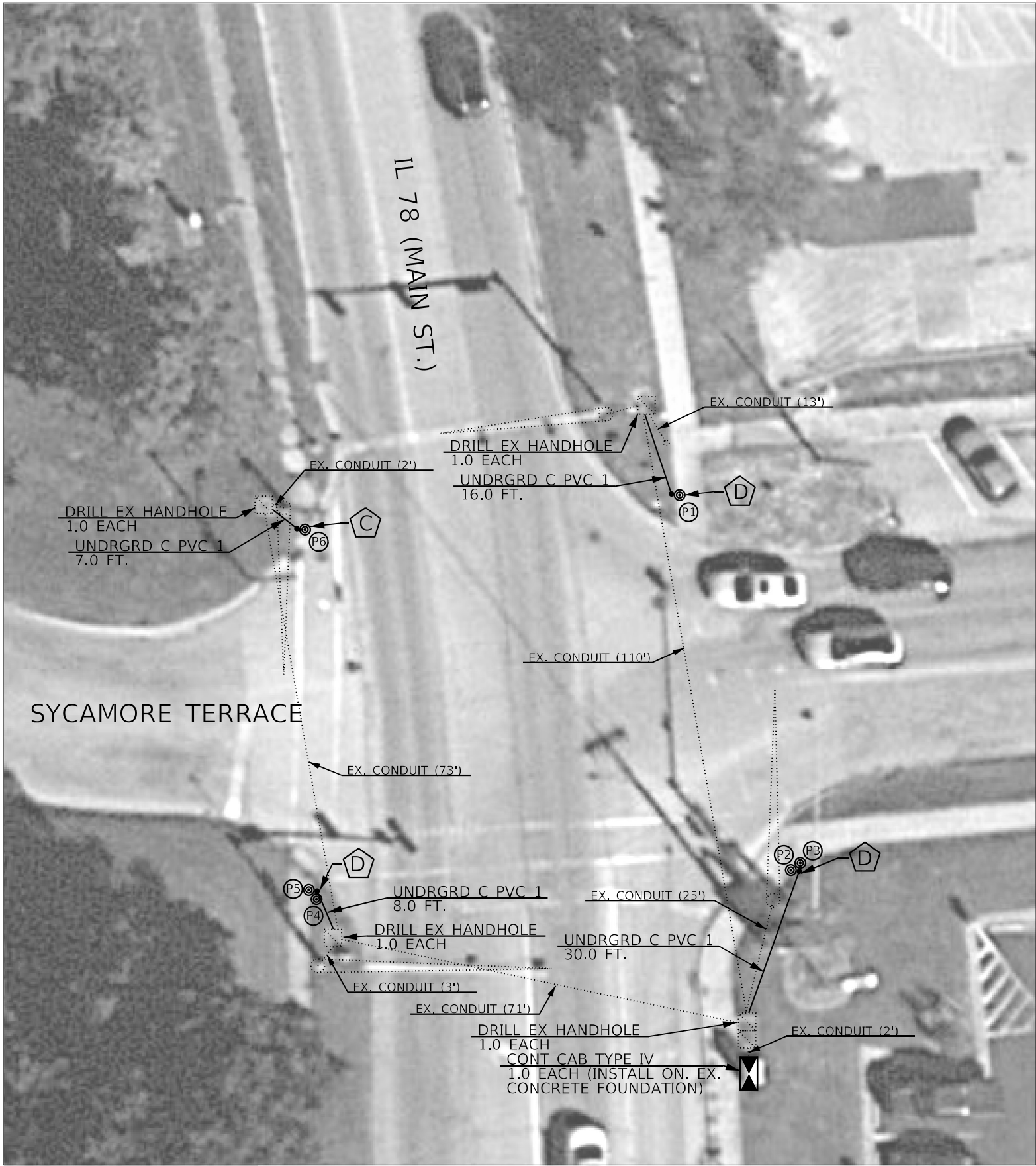
APS SCHEDULE IL 78 (MAIN) & LINCOLN							
LABEL	LOCATION	INSTALLATION TYPE	MOUNTING BRACKET	CROSSING	WALK INDICATION	WIRING NOTES	NOTES
P1	NE QUAD	EX. PEDESTRIAN PUSHBUTTON POST	SINGLE	LINCOLN	SPEECH	RE-USE EXISTING WIRE	
P2	SE QUAD	EX. TS POST	SINGLE	LINCOLN	SPEECH	RE-USE EXISTING WIRE	
P3	SE QUAD	PROP. PEDESTRIAN PUSH-BUTTON POST (NO FOUNDATION)	SINGLE	MAIN	SPEECH	RE-USE EXISTING WIRE (INSTALL IN PROP. CONDUIT)	PROP. CONDUIT FROM PROP. PUSHBUTTON POST TO EX. HANDHOLE
P4	SW QUAD	PROP. PEDESTRIAN PUSH-BUTTON POST (NO FOUNDATION)	SINGLE	MAIN	SPEECH	RE-USE EXISTING WIRE (INSTALL IN PROP. CONDUIT)	PROP. CONDUIT FROM PROP. PUSHBUTTON POST TO EX. HANDHOLE



APS LEGEND	
(Symbol A)	PROP. APS INSTALLED ON PROP. PEDESTRIAN PUSHBUTTON POST (NO FOUNDATION) ON EX. SIDEWALK, WITH ANCHOR BOLT SET, 1/2 DIAMETER, WITH WEDGE ANCHORS
(Symbol B)	PROP. APS INSTALLED ON PROP. PEDESTRIAN PUSHBUTTON POST (NO FOUNDATION) ON EX. ISLAND SURFACE, WITH ANCHOR BOLT SET, 1/2 DIAMETER, WITH WEDGE ANCHORS
(Symbol C)	PROP. APS INSTALLED ON PROP. PEDESTRIAN PUSHBUTTON POST (NO FOUNDATION) ON EX. SIDEWALK CURB, WITH ANCHOR BOLT SET 1/2 DIAMETER, WITH WEDGE ANCHORS
(Symbol D)	PROP. APS INSTALLED ON PROP. PEDESTRIAN PUSHBUTTON POST (CONCRETE FOUNDATION)
(Symbol E)	PROP. APS INSTALLED ON EX. MAST ARM STRAIN POLE
(Symbol F)	PROP. APS INSTALLED ON EX. TRAFFIC SIGNAL POST OR LIGHT POLE
(Symbol G)	PROP. APS INSTALLED ON EX. PEDESTRIAN PUSHBUTTON POST
(Symbol H)	PROP. APS INSTALLED ON PROP. TRAFFIC SIGNAL POST



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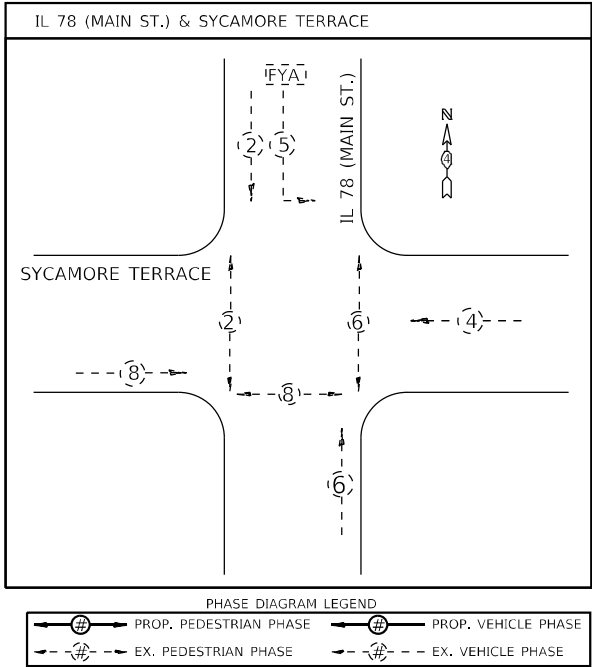
CANTON TOWNSHIP  
40.566145, -90.034920



BILL OF MATERIALS		
IL 78 (MAIN) & SYCAMORE TERRACE		
ITEM DESCRIPTION	UNIT	QTY.
UNDERGROUND CONDUIT, PVC, 1" DIA.	FOOT	61.0
DRILL EXISTING HANDHOLE	EACH	4.0
ACCESSIBLE PEDESTRIAN SIGNALS	EACH	6.0
PEDESTRIAN PUSH-BUTTON POST	EACH	3.0
ANCHOR BOLT SET, 1/2 DIAMETER, WITH WEDGE ANCHORS	EACH	1.0
CONTROLLER CABINET TYPE IV	EACH	1.0
PEDESTRIAN PUSH-BUTTON POST (NO FOUNDATION)	EACH	1.0
TRAFFIC SIGNAL BACKPLATE, RETROREFLECTIVE	EACH	5.0

APS SCHEDULE							
IL 78 (MAIN) & SYCAMORE TERRACE							
LABEL	LOCATION	INSTALLATION TYPE	MOUNTING BRACKET	CROSSING	WALK INDICATION	WIRING NOTES	NOTES
P1	NE QUAD	PROP. PEDESTRIAN PUSHBUTTON POST	SINGLE	SYCAMORE	tone	RE-USE EXISTING WIRE (INSTALL IN PROP. CONDUIT)	PROP. CONDUIT FROM PROP. PUSHBUTTON POST TO EX. HANDHOLE
P2	SE QUAD	PROP. PEDESTRIAN PUSHBUTTON POST	DUAL	SYCAMORE	SPEECH	RE-USE EXISTING WIRE (INSTALL IN PROP. CONDUIT)	PROP. CONDUIT FROM PROP. PUSHBUTTON POST TO EX. HANDHOLE
P3	SE QUAD		DUAL	MAIN	SPEECH		
P4	SW QUAD	PROP. PEDESTRIAN PUSHBUTTON POST	DUAL	MAIN	SPEECH	RE-USE EXISTING WIRE (INSTALL IN PROP. CONDUIT)	PROP. CONDUIT FROM PROP. PUSHBUTTON POST TO EX. HANDHOLE
P5	SW QUAD	PROP. PEDESTRIAN PUSHBUTTON POST	DUAL	SYCAMORE	SPEECH		
P6	NW QUAD	PUSH-BUTTON POST (NO FOUNDATION)	SINGLE	SYCAMORE	tone	RE-USE EXISTING WIRE (INSTALL IN PROP. CONDUIT)	PROP. CONDUIT FROM PROP. PUSHBUTTON POST TO EX. HANDHOLE

THE CONTRACTOR SHALL FIELD VERIFY PHASE DIAGRAM PRIOR TO ORDERING PROPOSED CONTROLLER CABINET.



APS LEGEND	
	PROP. APS INSTALLED ON PROP. PEDESTRIAN PUSHBUTTON POST (NO FOUNDATION) ON EX. SIDEWALK, WITH ANCHOR BOLT SET, 1/2 DIAMETER, WITH WEDGE ANCHORS
	PROP. APS INSTALLED ON PROP. PEDESTRIAN PUSHBUTTON POST (NO FOUNDATION) ON EX. ISLAND SURFACE, WITH ANCHOR BOLT SET, 1/2 DIAMETER, WITH WEDGE ANCHORS
	PROP. APS INSTALLED ON PROP. PEDESTRIAN PUSHBUTTON POST (NO FOUNDATION) ON EX. SIDEWALK CURB, WITH ANCHOR BOLT SET 1/2 DIAMETER, WITH WEDGE ANCHORS
	PROP. APS INSTALLED ON PROP. PEDESTRIAN PUSHBUTTON POST (CONCRETE FOUNDATION)
	PROP. APS INSTALLED ON EX. MAST ARM STRAIN POLE
	PROP. APS INSTALLED ON EX. TRAFFIC SIGNAL POST OR LIGHT POLE
	PROP. APS INSTALLED ON EX. PEDESTRIAN PUSHBUTTON POST
	PROP. APS INSTALLED ON PROP. TRAFFIC SIGNAL POST

NOT TO SCALE

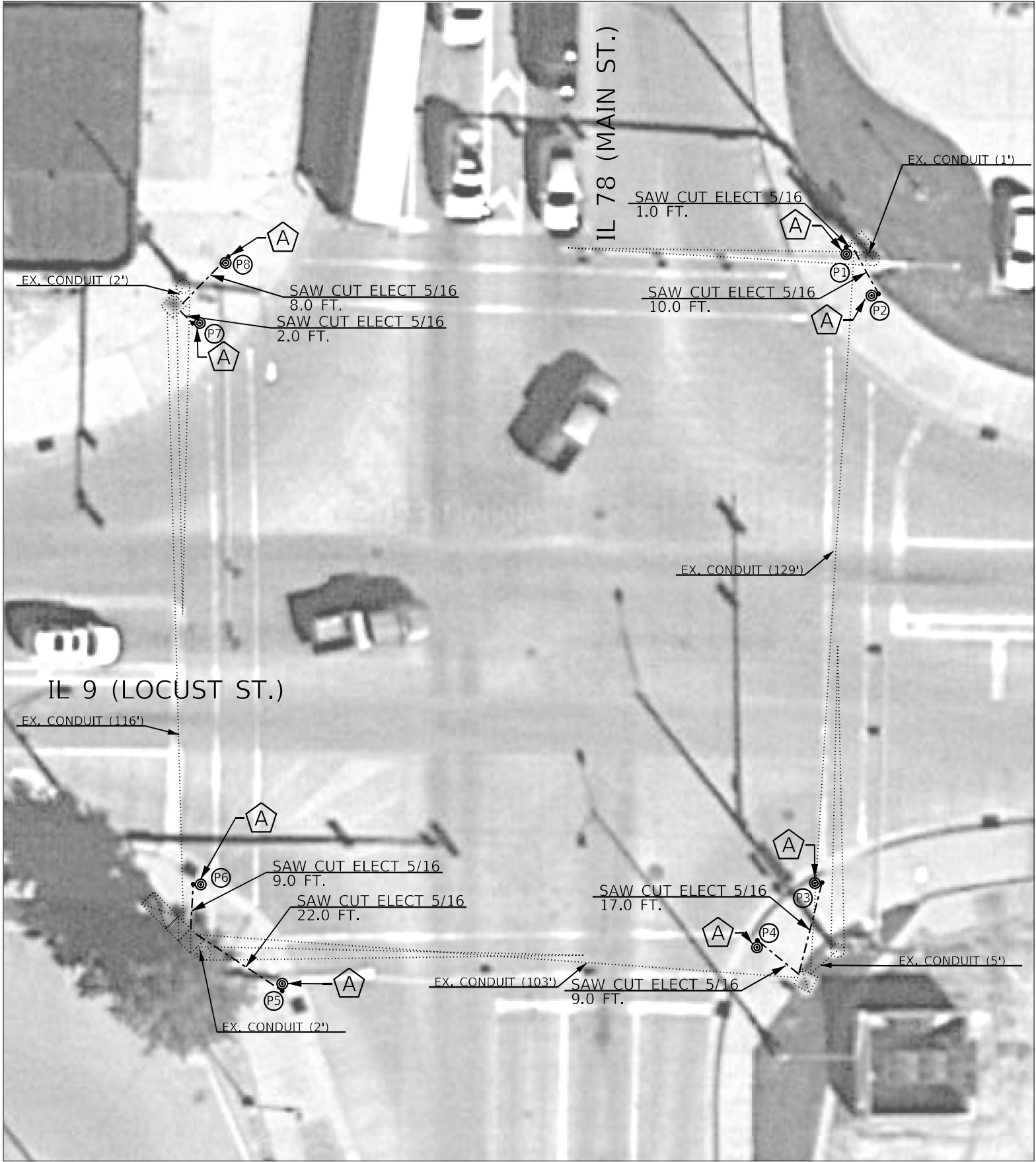
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DRAWN -	REVISED -	
PLOT SCALE = 23,8272' = 1" / in.	CHECKED -	REVISED -
PLOT DATE = 8/22/2023	DATE -	REVISED -

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

PROPOSED ACCESSIBLE PEDESTRIAN SIGNALS IL 78 (MAIN ST.) & SYCAMORE TERRACE - CANTON			
SCALE:	SHEET	OF SHEETS	STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR.	D4 ADA PUSHBUTTONS 2024-1	FULTON	76	12
CONTRACT NO. 68H77				
ILLINOIS FED. AID PROJECT				

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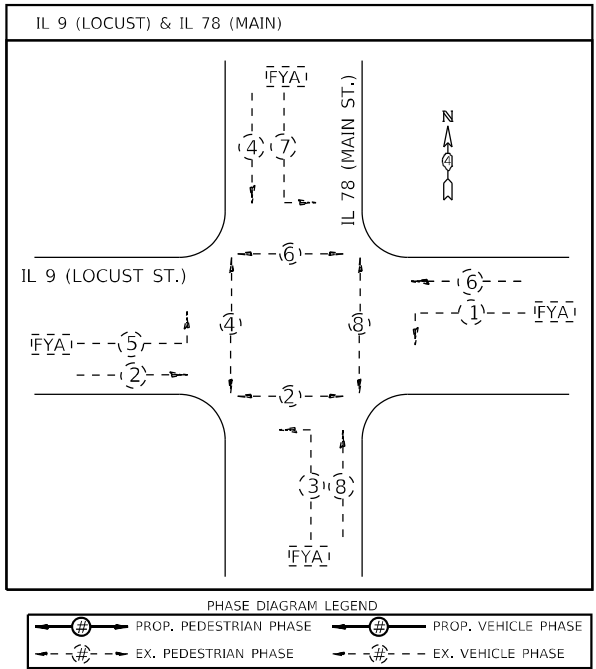


CANTON TOWNSHIP  
40.558166, -90.035350



BILL OF MATERIALS		
IL 9 (LOCUST) & IL 78 (MAIN)		
ITEM DESCRIPTION	UNIT	QTY.
ACCESSIBLE PEDESTRIAN SIGNALS	EACH	8.0
ANCHOR BOLT SET, 1/2 DIAMETER, WITH WEDGE ANCHORS	EACH	8.0
THHN WIRE ENCASED IN PVC TUBE, NO. 19/27 AWG	FOOT	462.0
SAW CUT FOR ELECTRICAL CABLE INSTALLATION, 5/16"	FOOT	78.0
PEDESTRIAN PUSH-BUTTON POST (NO FOUNDATION)	EACH	8.0
TRAFFIC SIGNAL BACKPLATE, RETROREFLECTIVE	EACH	8.0

APSSCHEDULE							
IL 9 (LOCUST) & IL 78 (MAIN)							
LABEL	LOCATION	INSTALLATION TYPE	MOUNTING BRACKET	CROSSING	WALK INDICATION	WIRING NOTES	NOTES
P1	NE QUAD	PROP. PEDESTRIAN PUSH-BUTTON POST (NO FOUNDATION)	SINGLE	MAIN	TONE	INSTALL NEW WIRE FROM APS TO EX. MAST ARM AND SPLICE WITH EX. WIRE IN MAST ARM BASE	PROP. SAW CUT FROM PROP. PUSHBUTTON POST TO EX. HANDHOLE
P2	NE QUAD	PROP. PEDESTRIAN PUSH-BUTTON POST (NO FOUNDATION)	SINGLE	LOCUST	TONE	INSTALL NEW WIRE FROM APS TO EX. MAST ARM AND SPLICE WITH EX. WIRE IN MAST ARM BASE	PROP. SAW CUT FROM PROP. PUSHBUTTON POST TO EX. HANDHOLE
P3	SE QUAD	PROP. PEDESTRIAN PUSH-BUTTON POST (NO FOUNDATION)	SINGLE	LOCUST	TONE	INSTALL NEW WIRE FROM APS TO EX. MAST ARM AND SPLICE WITH EX. WIRE IN MAST ARM BASE	PROP. SAW CUT FROM PROP. PUSHBUTTON POST TO EX. HANDHOLE
P4	SE QUAD	PROP. PEDESTRIAN PUSH-BUTTON POST (NO FOUNDATION)	SINGLE	MAIN	TONE	INSTALL NEW WIRE FROM APS TO EX. MAST ARM AND SPLICE WITH EX. WIRE IN MAST ARM BASE	PROP. SAW CUT FROM PROP. PUSHBUTTON POST TO EX. HANDHOLE
P5	SW QUAD	PROP. PEDESTRIAN PUSH-BUTTON POST (NO FOUNDATION)	SINGLE	MAIN	TONE	INSTALL NEW WIRE FROM APS TO CONTROLLER	PROP. SAW CUT FROM PROP. PUSHBUTTON POST TO EX. DOUBLE HANDHOLE
P6	SW QUAD	PROP. PEDESTRIAN PUSH-BUTTON POST (NO FOUNDATION)	SINGLE	LOCUST	TONE	INSTALL NEW WIRE FROM APS TO CONTROLLER	PROP. SAW CUT FROM PROP. PUSHBUTTON POST TO EX. DOUBLE HANDHOLE
P7	NW QUAD	PROP. PEDESTRIAN PUSH-BUTTON POST (NO FOUNDATION)	SINGLE	LOCUST	TONE	INSTALL NEW WIRE FROM APS TO EX. MAST ARM AND SPLICE WITH EX. WIRE IN MAST ARM BASE	PROP. SAW CUT FROM PROP. PUSHBUTTON POST TO EX. HANDHOLE
P8	NW QUAD	PROP. PEDESTRIAN PUSH-BUTTON POST (NO FOUNDATION)	SINGLE	MAIN	TONE	INSTALL NEW WIRE FROM APS TO EX. MAST ARM AND SPLICE WITH EX. WIRE IN MAST ARM BASE	PROP. SAW CUT FROM PROP. PUSHBUTTON POST TO EX. HANDHOLE



APS LEGEND	
	PROP. APS INSTALLED ON PROP. PEDESTRIAN PUSHBUTTON POST (NO FOUNDATION) ON EX. SIDEWALK, WITH ANCHOR BOLT SET, 1/2 DIAMETER, WITH WEDGE ANCHORS
	PROP. APS INSTALLED ON PROP. PEDESTRIAN PUSHBUTTON POST (NO FOUNDATION) ON EX. ISLAND SURFACE, WITH ANCHOR BOLT SET 1/2 DIAMETER, WITH WEDGE ANCHORS
	PROP. APS INSTALLED ON PROP. PEDESTRIAN PUSHBUTTON POST (CONCRETE FOUNDATION)
	PROP. APS INSTALLED ON EX. MAST ARM STRAIN POLE
	PROP. APS INSTALLED ON EX. TRAFFIC SIGNAL POST OR LIGHT POLE
	PROP. APS INSTALLED ON EX. PEDESTRIAN PUSHBUTTON POST
	PROP. APS INSTALLED ON PROP. TRAFFIC SIGNAL POST

NOT TO SCALE

USER NAME = Trevor.Hanson	DESIGNED -	REVISED -
DRAWN -	REVISED -	
PLOT SCALE = 23,8272' / in.	CHECKED -	REVISED -
PLOT DATE = 8/22/2023	DATE -	REVISED -

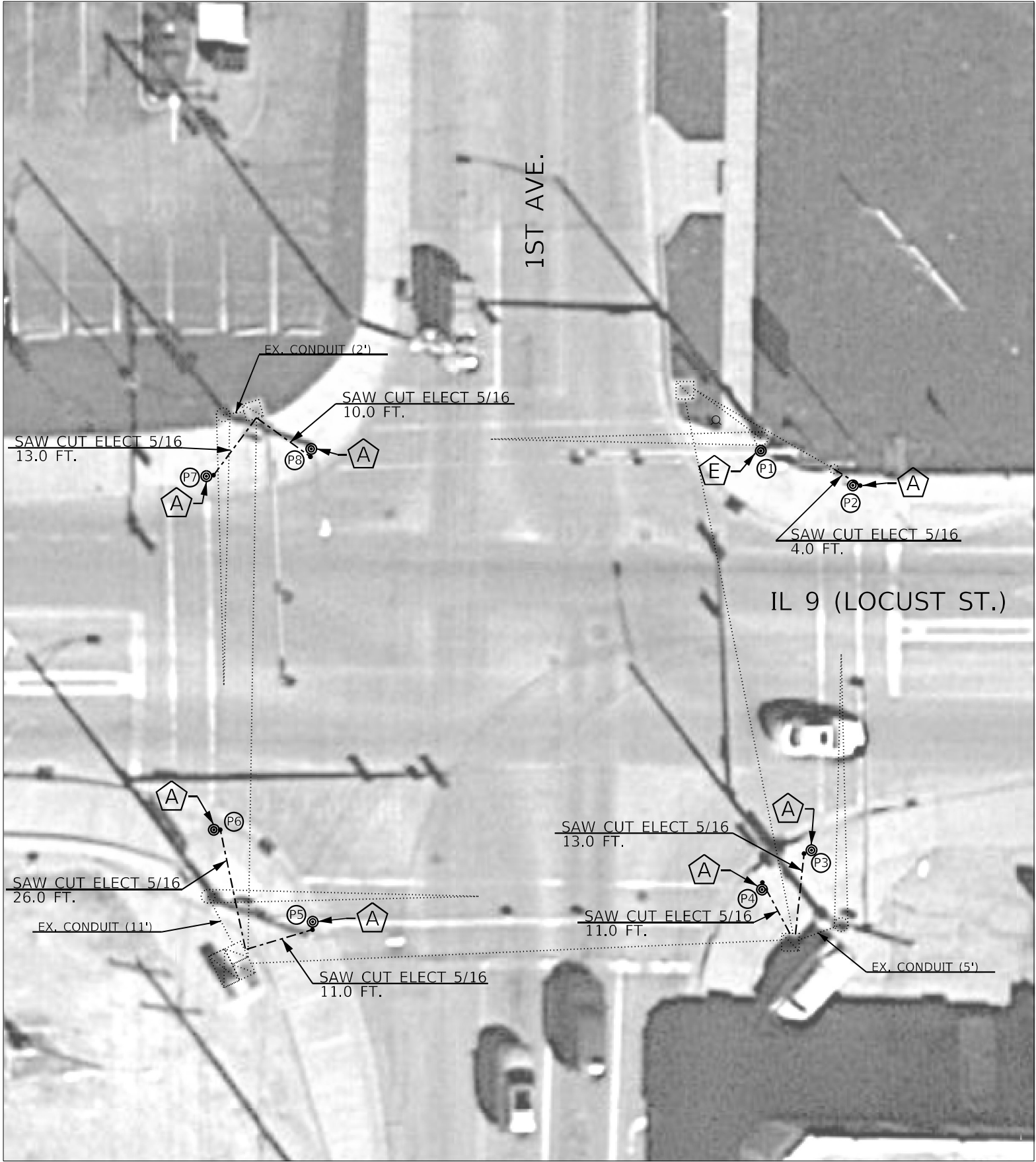
STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

PROPOSED ACCESSIBLE PEDESTRIAN SIGNALS  
IL 78 (MAIN ST.) & IL 9 (LOCUST ST.) - CANTON

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR.	D4 ADA PUSHBUTTONS 2024-1	FULTON	76	13
CONTRACT NO. 68H77				
ILLINOIS FED. AID PROJECT				

MODEL: Default  
FILE NAME: S:\CANTON\WORK\DDSP\ANI\Hanson\# APS\68H77 - D4 ADA PushButtons - 2024-1 - (08-2-23).dgn



CANTON TOWNSHIP  
40.558142, -90.033780

USER NAME	= Trevor,Hanson	DESIGNED	-	REVISED	-
DRAWN	-	REVIS	-	REVISED	-
PLOT SCALE	= 23,8272 * / in.	CHECKED	-	REVISED	-
PLOT DATE	= 8/22/2023	DATE	-	REVISED	-

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

PROPOSED ACCESSIBLE PEDESTRIAN SIGNALS  
IL 78 (LOCUST ST.) & 1ST AVE. - CANTON

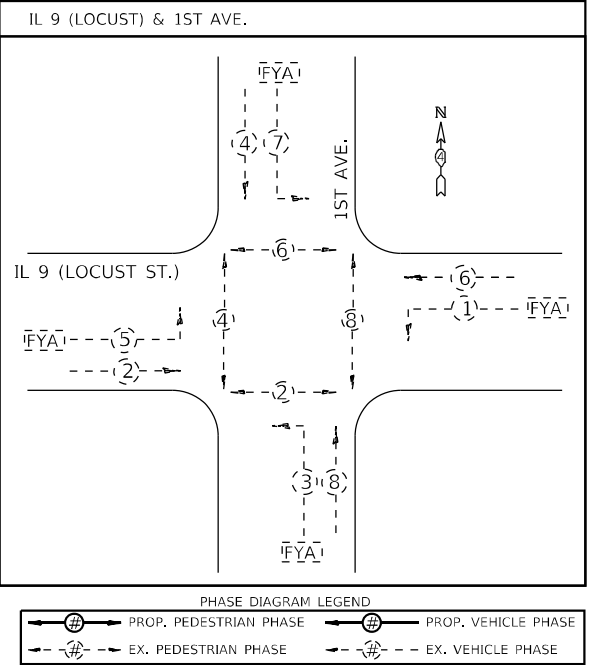
SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR.	D4 ADA PUSHBUTTONS 2024-1	FULTON	76	14
CONTRACT NO. 68H77				
ILLINOIS FED. AID PROJECT				



BILL OF MATERIALS		
IL 9 (LOCUST) & 1ST		
ITEM DESCRIPTION	UNIT	QTY.
ACCESSIBLE PEDESTRIAN SIGNALS	EACH	8.0
ANCHOR BOLT SET, 1/2 DIAMETER, WITH WEDGE ANCHORS	EACH	7.0
THHN WIRE ENCASED IN PVC TUBE, NO. 19/27 AWG	FOOT	434.0
SAW CUT FOR ELECTRICAL CABLE INSTALLATION, 5/16"	FOOT	88.0
PEDESTRIAN PUSH-BUTTON POST (NO FOUNDATION)	EACH	7.0
TRAFFIC SIGNAL BACKPLATE, RETROREFLECTIVE	EACH	8.0

APS SCHEDULE IL 9 (LOCUST) & 1ST							
LABEL	LOCATION	INSTALLATION TYPE	MOUNTING BRACKET	CROSSING	WALK INDICATION	WIRING NOTES	NOTES
P1	NE QUAD	EX. MAST ARM	SINGLE	FIRST	TONE	RE-USE EXISTING WIRE	
P2	NE QUAD	PROP. PEDESTRIAN PUSH-BUTTON POST (NO FOUNDATION)	SINGLE	LOCUST	TONE	INSTALL NEW WIRE FROM APS TO EX. TS POST AND SPLICE WITH EX. WIRE IN TS POST BASE	PROP. SAW CUT FROM PROP. PUSHBUTTON POST TO EX. TS POST FOUNDATION
P3	SE QUAD	PROP. PEDESTRIAN PUSH-BUTTON POST (NO FOUNDATION)	SINGLE	LOCUST	TONE	INSTALL NEW WIRE FROM APS TO EX. MAST ARM AND SPLICE WITH EX. WIRE IN MAST ARM BASE	PROP. SAW CUT FROM PROP. PUSHBUTTON POST TO EX. MAST ARM FOUNDATION
P4	SE QUAD	PROP. PEDESTRIAN PUSH-BUTTON POST (NO FOUNDATION)	SINGLE	FIRST	TONE	INSTALL NEW WIRE FROM APS TO EX. MAST ARM AND SPLICE WITH EX. WIRE IN MAST ARM BASE	PROP. SAW CUT FROM PROP. PUSHBUTTON POST TO EX. MAST ARM FOUNDATION
P5	SW QUAD	PROP. PEDESTRIAN PUSH-BUTTON POST (NO FOUNDATION)	SINGLE	FIRST	TONE	INSTALL NEW WIRE FROM APS TO CONTROLLER	PROP. SAW CUT FROM PROP. PUSHBUTTON POST TO EX. DOUBLE HANDHOLE
P6	SW QUAD	PROP. PEDESTRIAN PUSH-BUTTON POST (NO FOUNDATION)	SINGLE	LOCUST	TONE	INSTALL NEW WIRE FROM APS TO CONTROLLER	PROP. SAW CUT FROM PROP. PUSHBUTTON POST TO EX. DOUBLE HANDHOLE
P7	NW QUAD	PROP. PEDESTRIAN PUSH-BUTTON POST (NO FOUNDATION)	SINGLE	LOCUST	TONE	INSTALL NEW WIRE FROM APS TO EX. MAST ARM AND SPLICE WITH EX. WIRE IN MAST ARM BASE	PROP. SAW CUT FROM PROP. PUSHBUTTON POST TO EX. HANDHOLE
P8	NW QUAD	PROP. PEDESTRIAN PUSH-BUTTON POST (NO FOUNDATION)	SINGLE	FIRST	TONE	INSTALL NEW WIRE FROM APS TO EX. MAST ARM AND SPLICE WITH EX. WIRE IN MAST ARM BASE	PROP. SAW CUT FROM PROP. PUSHBUTTON POST TO EX. HANDHOLE



APS LEGEND

- PROP. APS INSTALLED ON PROP. PEDESTRIAN PUSHBUTTON POST (NO FOUNDATION) ON EX. SIDEWALK, WITH ANCHOR BOLT SET, 1/2 DIAMETER, WITH WEDGE ANCHORS
- PROP. APS INSTALLED ON PROP. PEDESTRIAN PUSHBUTTON POST (NO FOUNDATION) ON EX. ISLAND SURFACE, WITH ANCHOR BOLT SET, 1/2 DIAMETER, WITH WEDGE ANCHORS
- PROP. APS INSTALLED ON PROP. PEDESTRIAN PUSHBUTTON POST (NO FOUNDATION) ON EX. SIDEWALK CURB, WITH ANCHOR BOLT SET 1/2 DIAMETER, WITH WEDGE ANCHORS
- PROP. APS INSTALLED ON PROP. PEDESTRIAN PUSHBUTTON POST (CONCRETE FOUNDATION)
- PROP. APS INSTALLED ON EX. MAST ARM STRAIN POLE
- PROP. APS INSTALLED ON EX. TRAFFIC SIGNAL POST OR LIGHT POLE
- PROP. APS INSTALLED ON EX. PEDESTRIAN PUSHBUTTON POST
- PROP. APS INSTALLED ON PROP. TRAFFIC SIGNAL POST

NOT TO SCALE



MODEL: Default  
FILE NAME: S:\ENR\WORK\DD\SP\AN\Hanson# APS\68H77 (D4 ADA Pushbuttons - 2024-1) (08-22-23).dgn

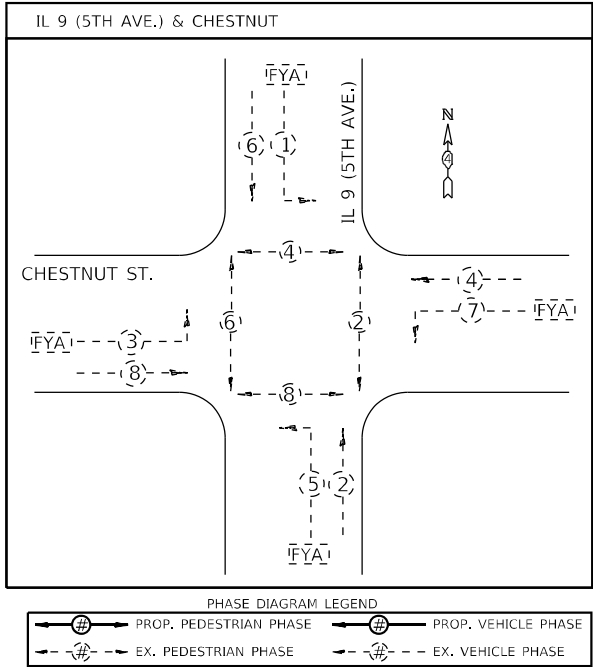


CANTON TOWNSHIP  
40.557235, -90.027592



BILL OF MATERIALS		
IL 9 (5TH) & CHESTNUT		
ITEM DESCRIPTION	UNIT	QTY.
ACCESSIBLE PEDESTRIAN SIGNALS	EACH	8.0
PEDESTRIAN PUSH-BUTTON POST	EACH	1.0
ANCHOR BOLT SET, 1/2 DIAMETER, WITH WEDGE ANCHORS	EACH	3.0
THHN WIRE ENCASED IN PVC TUBE, NO. 19/27 AWG	FOOT	186.0
SAW CUT FOR ELECTRICAL CABLE INSTALLATION, 5/8"	FOOT	19.0
UNDERGROUND CONDUIT, PVC, 1" DIA.	FOOT	10.0
DRILL EXISTING HANDHOLE	EACH	2.0
PEDESTRIAN PUSH-BUTTON POST (NO FOUNDATION)	EACH	3.0
TRAFFIC SIGNAL BACKPLATE, RETROREFLECTIVE	EACH	7.0
CONTROLLER CABINET TYPE IV	EACH	1.0

APS SCHEDULE							
IL 9 (5TH) & CHESTNUT							
LABEL	LOCATION	INSTALLATION TYPE	MOUNTING BRACKET	CROSSING	WALK INDICATION	WIRING NOTES	NOTES
P1	NE QUAD	PROP. PEDESTRIAN PUSH-BUTTON POST (NO FOUNDATION)	DUAL	FIFTH	SPEECH	INSTALL NEW WIRE FROM APS TO EX. MAST ARM AND SPLICE WITH EX. WIRE IN MAST ARM BASE	PROP. SAW CUT FROM PROP. PUSHBUTTON POST TO EX. MAST ARM FOUNDATION
P2	NE QUAD		DUAL	CHESTNUT	SPEECH		
P3	SE QUAD	PROP. PEDESTRIAN PUSH-BUTTON POST (NO FOUNDATION)	DUAL	CHESTNUT	SPEECH	INSTALL NEW WIRE FROM APS TO EX. MAST ARM AND SPLICE WITH EX. WIRE IN MAST ARM BASE	PROP. SAW CUT FROM PROP. PUSHBUTTON POST TO EX. MAST ARM FOUNDATION
P4	SE QUAD		DUAL	FIFTH	SPEECH		
P5	SW QUAD	PROP. PEDESTRIAN PUSHBUTTON POST	DUAL	FIFTH	SPEECH	RE-USE EXISTING WIRE (INSTALL IN PROP. CONDUIT)	PROP. CONDUIT FROM PROP. PUSHBUTTON POST TO EX. HANDHOLE
P6	SW QUAD		DUAL	CHESTNUT	SPEECH		
P7	NW QJAD	PROP. PEDESTRIAN PUSH-BUTTON POST (NO FOUNDATION)	DUAL	CHESTNUT	SPEECH	RE-USE EXISTING WIRE (INSTALL IN PROP. CONDUIT)	PROP. CONDUIT FROM PROP. PUSHBUTTON POST TO EX. DOUBLE HANDHOLE
P8	NW QJAD		DUAL	FIFTH	SPEECH		



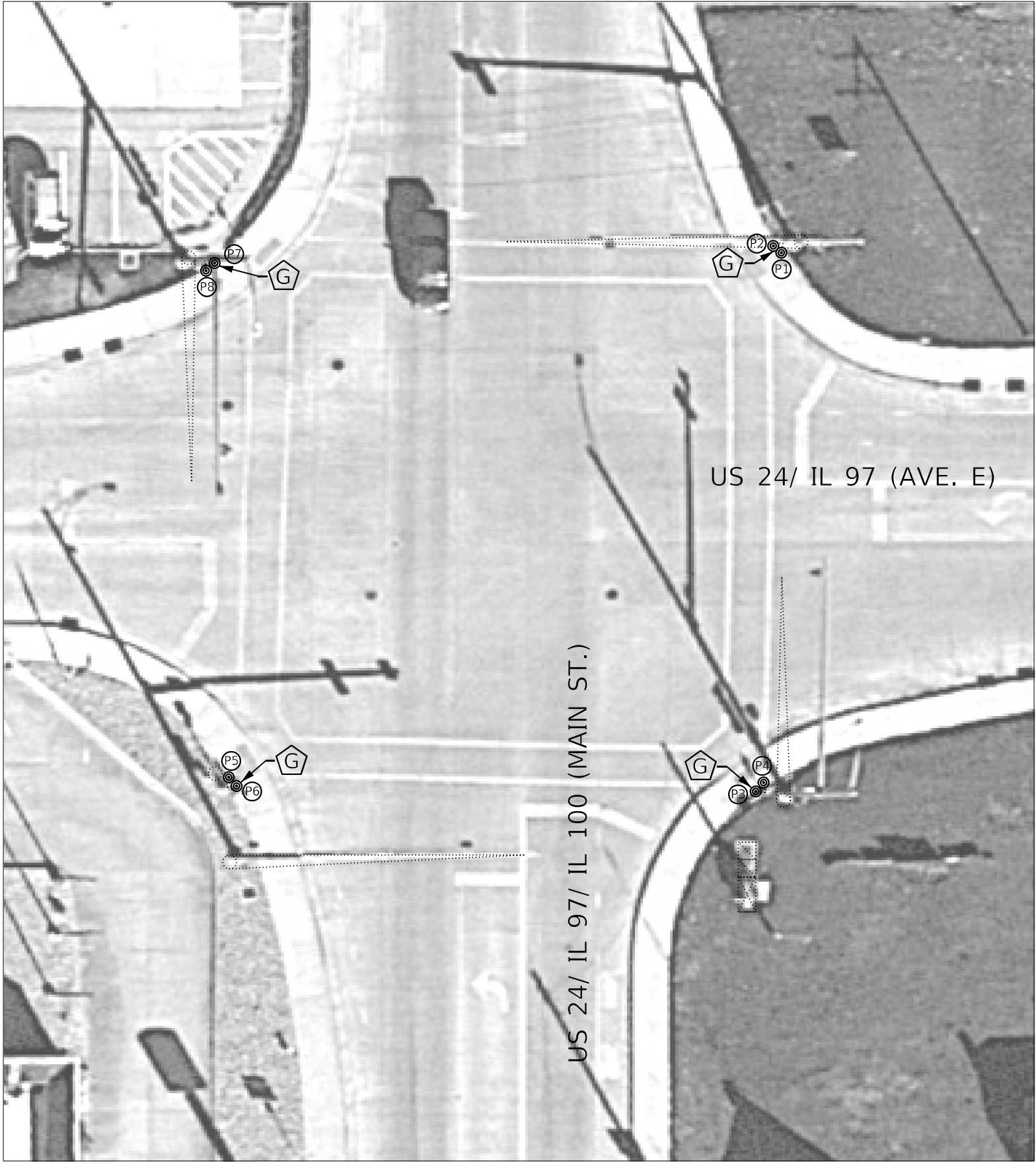
THE CONTRACTOR SHALL FIELD VERIFY PHASE DIAGRAM PRIOR TO ORDERING PROPOSED CONTROLLER CABINET.

APS LEGEND	
	PROP. APS INSTALLED ON PROP. PEDESTRIAN PUSHBUTTON POST (NO FOUNDATION) ON EX. SIDEWALK, WITH ANCHOR BOLT SET, 1/2 DIAMETER, WITH WEDGE ANCHORS
	PROP. APS INSTALLED ON PROP. PEDESTRIAN PUSHBUTTON POST (NO FOUNDATION) ON EX. ISLAND SURFACE, WITH ANCHOR BOLT SET, 1/2 DIAMETER, WITH WEDGE ANCHORS
	PROP. APS INSTALLED ON PROP. PEDESTRIAN PUSHBUTTON POST (NO FOUNDATION) ON EX. SIDEWALK CURB, WITH ANCHOR BOLT SET 1/2 DIAMETER, WITH WEDGE ANCHORS
	PROP. APS INSTALLED ON PROP. PEDESTRIAN PUSHBUTTON POST (CONCRETE FOUNDATION)
	PROP. APS INSTALLED ON EX. MAST ARM STRAIN POLE
	PROP. APS INSTALLED ON EX. TRAFFIC SIGNAL POST OR LIGHT POLE
	PROP. APS INSTALLED ON EX. PEDESTRIAN PUSHBUTTON POST
	PROP. APS INSTALLED ON PROP. TRAFFIC SIGNAL POST

NOT TO SCALE

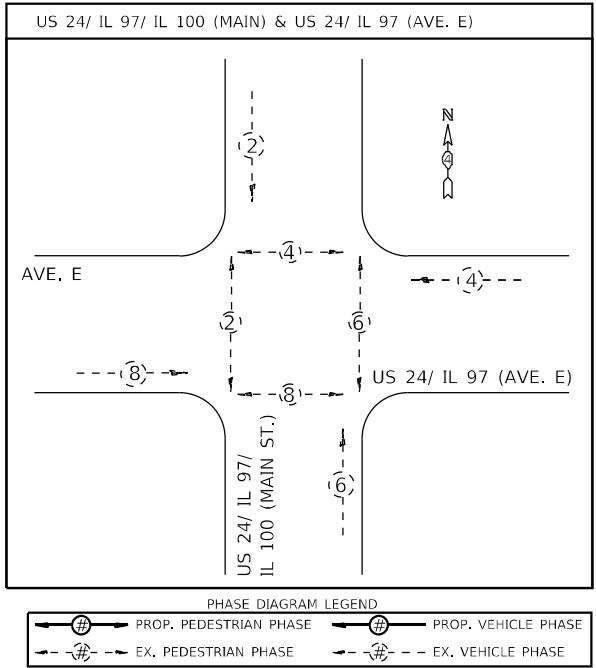
	USER NAME   = Trevor,Hanson	DESIGNED   -	REVISED   -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PROPOSED ACCESSIBLE PEDESTRIAN SIGNALS IL 9 (5TH AVE.) & CHESTNUT ST. - CANTON				F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.		
		DRAWN    -	REVISED   -		VAR.	D4 ADA PUSHBUTTONS 2024-1	FULTON	76	15						
	PLOT SCALE   = 23,8272 ' / in.	CHECKED   -	REVISED   -		CONTRACT NO. 68H77										
	PLOT DATE    = 8/22/2023	DATE       -	REVISED   -		SCALE:	SHEET	OF	SHEETS	STA.	TO	STA.				
										ILLINOIS				FED. AID PROJECT	

MODEL: Default  
FILE NAME: S:\GREENWATER\DESIGN\ANIHanson\# APS\68H77 (D4 ADA Pushbuttons\_2024-1) (08-22-23).dgn



BILL OF MATERIALS		
US 24/ IL 97/ IL 100 (MAIN) & US 24/ IL 97 (AVE. E)		
ITEM DESCRIPTION	UNIT	QTY.
ACCESSIBLE PEDESTRIAN SIGNALS	EACH	8.0

APS SCHEDULE							
US 24/ IL 97/ IL 100 (MAIN) & US 24/ IL 97 (AVE. E)							
LABEL	LOCATION	INSTALLATION TYPE	MOUNTING BRACKET	CROSSING	WALK INDICATION	WIRING NOTES	NOTES
P1	NE QUAD	EX. PEDESTRIAN	DUAL	MAIN	SPEECH	RE-USE EXISITNG WIRE	
P2	NE QUAD	PUSHBUTTON POST	DUAL	AVENUE E	SPEECH		
P3	SE QUAD	EX. PEDESTRIAN	DUAL	AVENUE E	SPEECH	RE-USE EXISITNG WIRE	
P4	SE QUAD	PUSHBUTTON POST	DUAL	MAIN	SPEECH		
P5	SW QUAD	EX. PEDESTRIAN	DUAL	MAIN	SPEECH	RE-USE EXISITNG WIRE	
P6	SW QUAD	PUSHBUTTON POST	DUAL	AVENUE E	SPEECH		
P7	NW QUAD	EX. PEDESTRIAN	DUAL	AVENUE E	SPEECH	RE-USE EXISITNG WIRE	
P8	NW QUAD	PUSHBUTTON POST	DUAL	MAIN	SPEECH		



APS LEGEND

- PROP. APS INSTALLED ON PROP. PEDESTRIAN PUSHBUTTON POST (NO FOUNDATION) ON EX. SIDEWALK, WITH ANCHOR BOLT SET, 1/2 DIAMETER, WITH WEDGE ANCHORS
- PROP. APS INSTALLED ON PROP. PEDESTRIAN PUSHBUTTON POST (NO FOUNDATION) ON EX. ISLAND SURFACE, WITH ANCHOR BOLT SET 1/2 DIAMETER, WITH WEDGE ANCHORS
- PROP. APS INSTALLED ON PROP. PEDESTRIAN PUSHBUTTON POST (NO FOUNDATION) ON EX. SIDEWALK CURB, WITH ANCHOR BOLT SET 1/2 DIAMETER, WITH WEDGE ANCHORS
- PROP. APS INSTALLED ON PROP. PEDESTRIAN PUSHBUTTON POST (CONCRETE FOUNDATION)
- PROP. APS INSTALLED ON EX. MAST ARM STRAIN POLE
- PROP. APS INSTALLED ON EX. TRAFFIC SIGNAL POST OR LIGHT POLE
- PROP. APS INSTALLED ON EX. PEDESTRIAN PUSHBUTTON POST
- PROP. APS INSTALLED ON PROP. TRAFFIC SIGNAL POST

NOT TO SCALE

LEWISTOWN TOWNSHIP  
40.392966, -90.155100

USER NAME = Trevor.Hanson	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 23,8272' = 1" / 100'	CHECKED -	REVISED -
PLOT DATE = 8/22/2023	DATE -	REVISED -

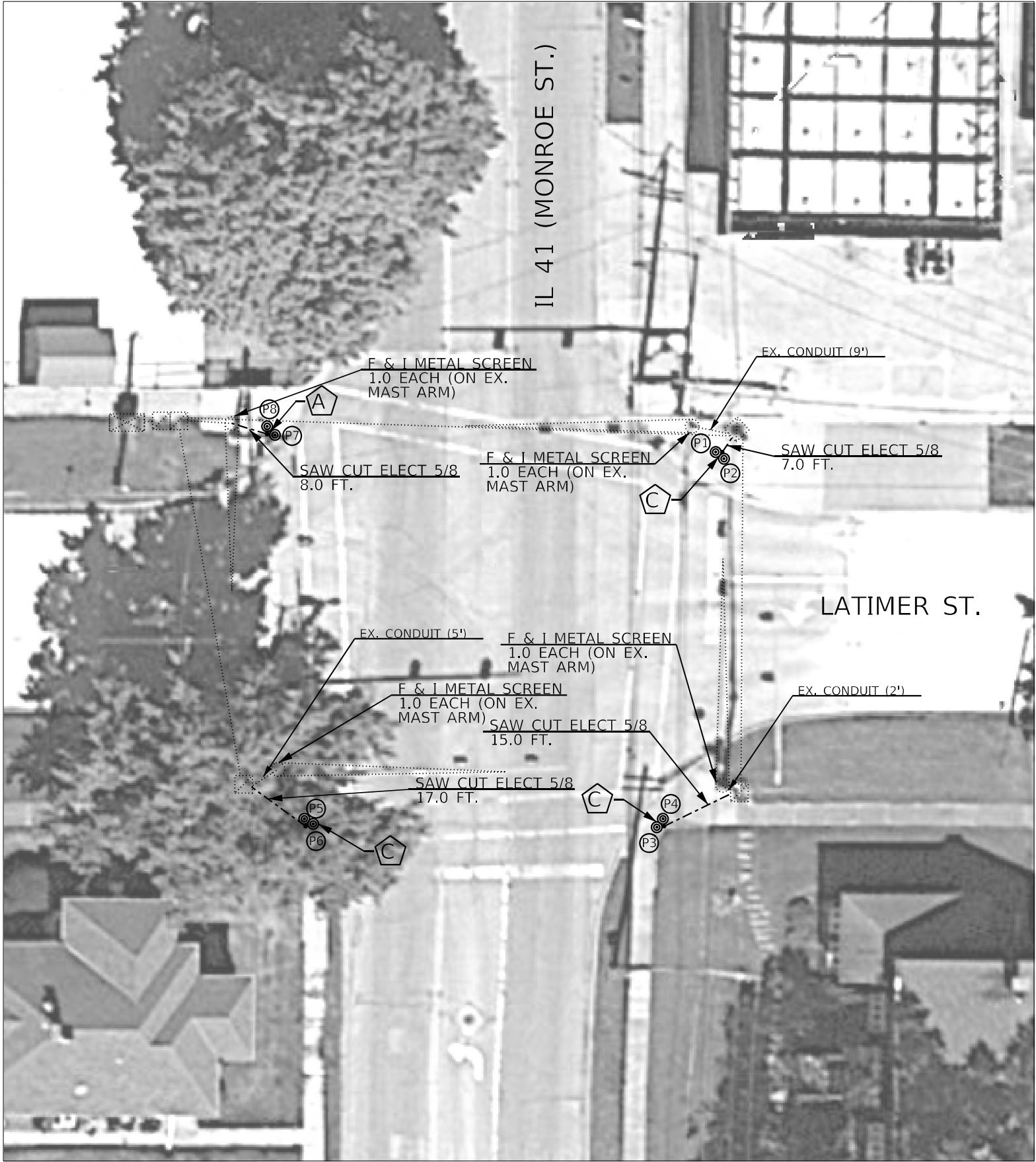
STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

PROPOSED ACCESSIBLE PEDESTRIAN SIGNALS  
US 24/ IL 97/ IL 100 (MAIN ST.) & US 24/ IL 97 - LEWISTOWN

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR.	D4 ADA PUSHBUTTONS 2024-1	FULTON	76	16
CONTRACT NO. 68H77				
ILLINOIS FED. AID PROJECT				

MODEL: Default  
FILE NAME: S:\ENR\W\ORD\DES\AP\Hanson\# AP568H77 (D4 ADA Pushbutton). 2024-11 (08-22-23).dgn



CEDAR TOWNSHIP  
40.805356, -90.401753

USER NAME = Trevor, Hanson	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 23,8272' = 1 in.	CHECKED -	REVISED -
PLOT DATE = 8/22/2023	DATE -	REVISED -

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

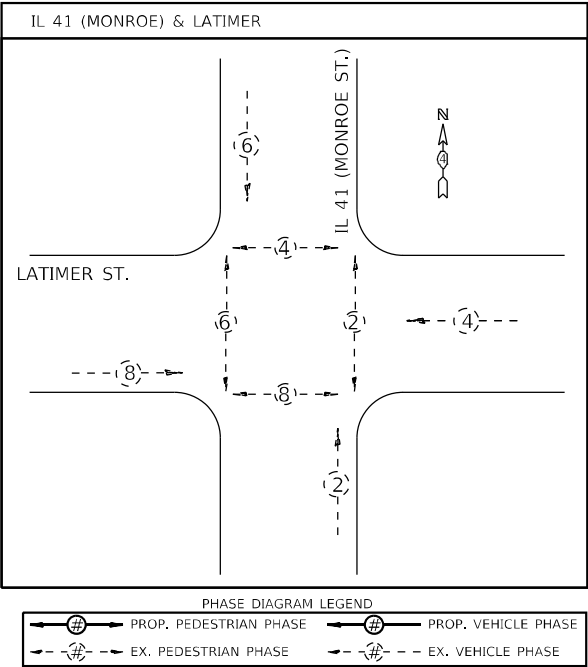
PROPOSED ACCESSIBLE PEDESTRIAN SIGNALS IL 41 (MONROE ST.) & LATIMER ST. - ABINGDON			
SCALE:	SHEET	OF SHEETS	STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR.	D4 ADA PUSHBUTTONS 2024-1	KNOX	76	17
CONTRACT NO. 68H77				NOT TO SCALE
ILLINOIS FED. AID PROJECT				

BILL OF MATERIALS		
IL 41 (MONROE) & LATIMER		
ITEM DESCRIPTION	UNIT	QTY.
ACCESSIBLE PEDESTRIAN SIGNALS	EACH	8.0
ANCHOR BOLT SET, 1/2 DIAMETER, WITH WEDGE ANCHORS	EACH	4.0
THHN WIRE ENCASED IN PVC TUBE, NO. 19/27 AWG	FOOT	399.0
SAW CUT FOR ELECTRICAL CABLE INSTALLATION, 5/8"	FOOT	47.0
FURNISH AND INSTALL METAL SCREEN	EACH	4.0
PEDESTRIAN PUSH-BUTTON POST (NO FOUNDATION)	EACH	4.0

- NOTES:
- THE CONTRACTOR SHALL FURNISH AND INSTALL NEW STAINLESS STEEL OR PERFORATED ALUMINUM SCREENING AROUND THE EXISTING MAST ARM ANCHOR BOLTS. THE PROPOSED SCREEN SHALL BE SECURELY BANDED ON THE TOP AND BOTTOM OF THE BREAKAWAY COUPLINGS TO PREVENT RODENT ENTRY AND NO GAPS IN EXCESS OF 0.25 INCH WILL BE ALLOWED. THE COST OF THIS WORK SHALL BE INCLUDED IN THE PAY ITEM "FURNISH AND INSTALL METAL SCREEN."

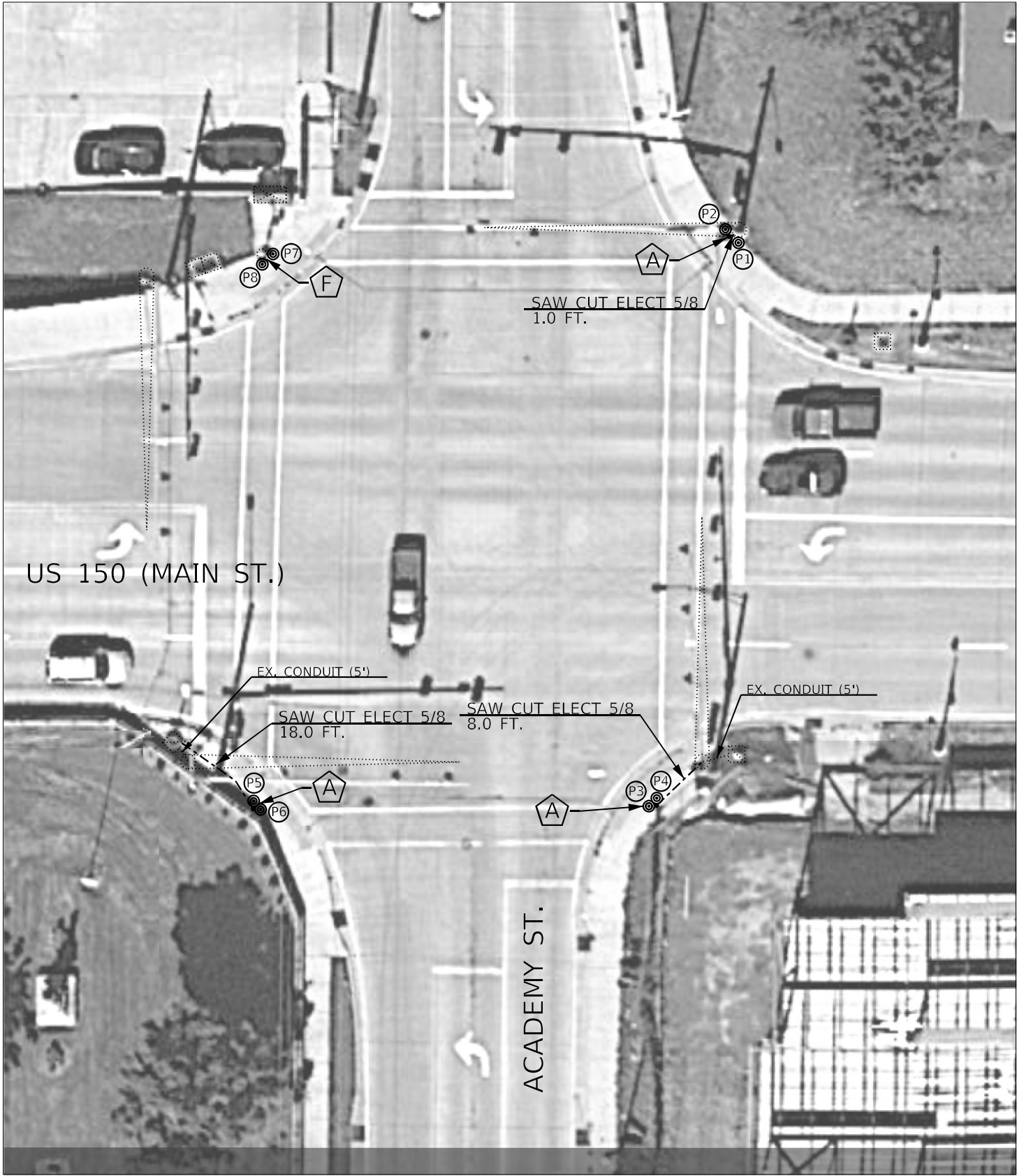
APS SCHEDULE IL 41 (MONROE) & LATIMER							
LABEL	LOCATION	INSTALLATION TYPE	MOUNTING BRACKET	CROSSING	WALK INDICATION	WIRING NOTES	NOTES
P1	NE QUAD	PROP. PEDESTRIAN PUSH-BUTTON POST (NO FOUNDATION)	DUAL	MONROE	SPEECH	INSTALL NEW WIRE FROM APS TO EX. MAST ARM AND SPLICE WITH EX. WIRE IN MAST ARM BASE	PROP. SAW CUT FROM PROP. PUSHBUTTON POST TO EX. MAST ARM FOUNDATION
P2	NE QUAD	PROP. PEDESTRIAN PUSH-BUTTON POST (NO FOUNDATION)	DUAL	LATIMER	SPEECH	INSTALL NEW WIRE FROM APS TO EX. MAST ARM AND SPLICE WITH EX. WIRE IN MAST ARM BASE	PROP. SAW CUT FROM PROP. PUSHBUTTON POST TO EX. MAST ARM FOUNDATION
P3	SE QUAD	PROP. PEDESTRIAN PUSH-BUTTON POST (NO FOUNDATION)	DUAL	LATIMER	SPEECH	INSTALL NEW WIRE FROM APS TO EX. MAST ARM AND SPLICE WITH EX. WIRE IN MAST ARM BASE	PROP. SAW CUT FROM PROP. PUSHBUTTON POST TO EX. MAST ARM FOUNDATION
P4	SE QUAD	PROP. PEDESTRIAN PUSH-BUTTON POST (NO FOUNDATION)	DUAL	MONROE	SPEECH	INSTALL NEW WIRE FROM APS TO EX. MAST ARM AND SPLICE WITH EX. WIRE IN MAST ARM BASE	PROP. SAW CUT FROM PROP. PUSHBUTTON POST TO EX. MAST ARM FOUNDATION
P5	SW QUAD	PROP. PEDESTRIAN PUSH-BUTTON POST (NO FOUNDATION)	DUAL	MONROE	SPEECH	INSTALL NEW WIRE FROM APS TO EX. MAST ARM AND SPLICE WITH EX. WIRE IN MAST ARM BASE	PROP. SAW CUT FROM PROP. PUSHBUTTON POST TO EX. MAST ARM FOUNDATION
P6	SW QUAD	PROP. PEDESTRIAN PUSH-BUTTON POST (NO FOUNDATION)	DUAL	LATIMER	SPEECH	INSTALL NEW WIRE FROM APS TO EX. MAST ARM AND SPLICE WITH EX. WIRE IN MAST ARM BASE	PROP. SAW CUT FROM PROP. PUSHBUTTON POST TO EX. MAST ARM FOUNDATION
P7	NW QUAD	PROP. PEDESTRIAN PUSH-BUTTON POST (NO FOUNDATION)	DUAL	LATIMER	SPEECH	INSTALL NEW WIRE FROM APS TO EX. MAST ARM AND SPLICE WITH EX. WIRE IN MAST ARM BASE	PROP. SAW CUT FROM PROP. PUSHBUTTON POST TO EX. MAST ARM FOUNDATION
P8	NW QUAD	PROP. PEDESTRIAN PUSH-BUTTON POST (NO FOUNDATION)	DUAL	LATIMER	SPEECH	INSTALL NEW WIRE FROM APS TO EX. MAST ARM AND SPLICE WITH EX. WIRE IN MAST ARM BASE	PROP. SAW CUT FROM PROP. PUSHBUTTON POST TO EX. MAST ARM FOUNDATION



APS LEGEND	
A	PROP. APS INSTALLED ON PROP. PEDESTRIAN PUSHBUTTON POST (NO FOUNDATION) ON EX. SIDEWALK, WITH ANCHOR BOLT SET, 1/2 DIAMETER, WITH WEDGE ANCHORS
B	PROP. APS INSTALLED ON PROP. PEDESTRIAN PUSHBUTTON POST (NO FOUNDATION) ON EX. ISLAND SURFACE, WITH ANCHOR BOLT SET, 1/2 DIAMETER, WITH WEDGE ANCHORS
C	PROP. APS INSTALLED ON PROP. PEDESTRIAN PUSHBUTTON POST (NO FOUNDATION) ON EX. SIDEWALK CURB, WITH ANCHOR BOLT SET 1/2 DIAMETER, WITH WEDGE ANCHORS
D	PROP. APS INSTALLED ON PROP. PEDESTRIAN PUSHBUTTON POST (CONCRETE FOUNDATION)
E	PROP. APS INSTALLED ON EX. MAST ARM STRAIN POLE
F	PROP. APS INSTALLED ON EX. TRAFFIC SIGNAL POST OR LIGHT POLE
G	PROP. APS INSTALLED ON EX. PEDESTRIAN PUSHBUTTON POST
H	PROP. APS INSTALLED ON PROP. TRAFFIC SIGNAL POST

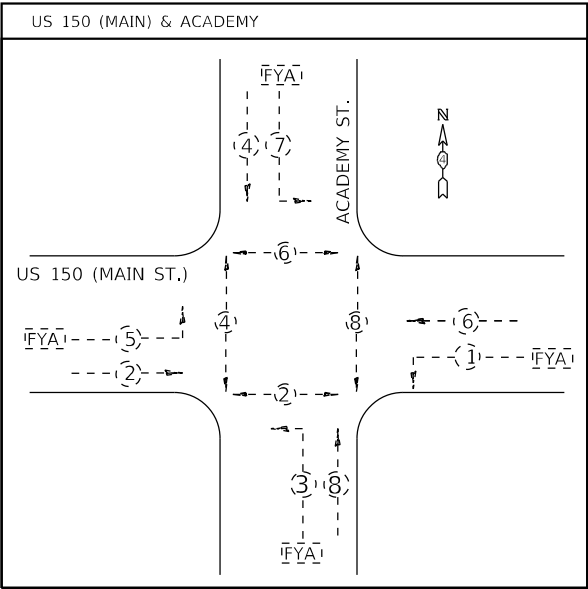


MODEL: Default  
FILE NAME: S:\ENR\WORK\DD\ESP\ANI\Hanson.dwg  
PROJECT: 2024-11-08 2:23:33.dgn



BILL OF MATERIALS		
US 150 (MAIN) & ACADEMY		
ITEM DESCRIPTION	UNIT	QTY.
ACCESSIBLE PEDESTRIAN SIGNALS	EACH	8.0
PEDESTRIAN PUSH-BUTTON POST (NO FOUNDATION)	EACH	3.0
ANCHOR BOLT SET, 1/2 DIAMETER, WITH WEDGE ANCHORS	EACH	3.0
SAW CUT FOR ELECTRICAL CABLE INSTALLATION, 5/8"	FOOT	27.0
THHN WIRE ENCASED IN PVC TUBE, NO. 19/27 AWG	FOOT	242.0
TRAFFIC SIGNAL BACKPLATE, RETROREFLECTIVE	EACH	6.0

APS SCHEDULE							
US 150 (MAIN) & ACADEMY							
LABEL	LOCATION	INSTALLATION TYPE	MOUNTING BRACKET	CROSSING	WALK INDICATION	WIRING NOTES	NOTES
P1	NE QUAD	EX. MAST ARM	DUAL	ACADEMY	SPEECH	RE-USE EXISTING WIRE	
P2	NE QUAD		DUAL	MAIN	SPEECH		
P3	SE QUAD	PROP. PEDESTRIAN PUSHBUTTON POST (NO FOUNDATION)	DUAL	MAIN	SPEECH	INSTALL NEW WIRE FROM APS TO EX. MAST ARM AND SPLICE WITH EX. WIRE IN MAST ARM BASE	PROP. SAW CUT FROM PROP. PUSHBUTTON POST TO EX. MAST ARM
P4	SE QUAD		DUAL	ACADEMY	SPEECH		
P5	SW QUAD	PROP. PEDESTRIAN PUSHBUTTON POST (NO FOUNDATION)	DUAL	ACADEMY	SPEECH	INSTALL NEW WIRE FROM APS TO EX. MAST ARM AND SPLICE WITH EX. WIRE IN MAST ARM BASE	PROP. SAW CUT FROM PROP. PUSHBUTTON POST TO EX. HANDHOLE
P6	SW QUAD		DUAL	MAIN	SPEECH		
P7	NW QUAD	EX. TS POST	DUAL	MAIN	SPEECH	RE-USE EXISTING WIRE	
P8	NW QUAD		DUAL	ACADEMY	SPEECH		



PHASE DIAGRAM LEGEND			
	PROP. PEDESTRIAN PHASE		PROP. VEHICLE PHASE
	EX. PEDESTRIAN PHASE		EX. VEHICLE PHASE

#### APS LEGEND

- PROP. APS INSTALLED ON PROP. PEDESTRIAN PUSHBUTTON POST (NO FOUNDATION) ON EX. SIDEWALK, WITH ANCHOR BOLT SET, 1/2 DIAMETER, WITH WEDGE ANCHORS
- PROP. APS INSTALLED ON PROP. PEDESTRIAN PUSHBUTTON POST (NO FOUNDATION) ON EX. ISLAND SURFACE, WITH ANCHOR BOLT SET, 1/2 DIAMETER, WITH WEDGE ANCHORS
- PROP. APS INSTALLED ON PROP. PEDESTRIAN PUSHBUTTON POST (NO FOUNDATION) ON EX. SIDEWALK CURB, WITH ANCHOR BOLT SET 1/2 DIAMETER, WITH WEDGE ANCHORS
- PROP. APS INSTALLED ON PROP. PEDESTRIAN PUSHBUTTON POST (CONCRETE FOUNDATION)
- PROP. APS INSTALLED ON EX. MAST ARM STRAIN POLE
- PROP. APS INSTALLED ON EX. TRAFFIC SIGNAL POST OR LIGHT POLE
- PROP. APS INSTALLED ON EX. PEDESTRIAN PUSHBUTTON POST
- PROP. APS INSTALLED ON PROP. TRAFFIC SIGNAL POST

GALESBURG TOWNSHIP

40.947688, -90.376021

USER NAME = Trevor.Hanson

DESIGNED -

REVISED -

DRAWN -

REVISIED -

PLOT SCALE = 23.8272' = 1 in.

CHECKED -

REVISED -

PLOT DATE = 8/22/2023

DATE -

REVISED -

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

PROPOSED ACCESSIBLE PEDESTRIAN SIGNALS  
US 150 (MAIN ST.) & ACADEMY ST. - GALESBURG

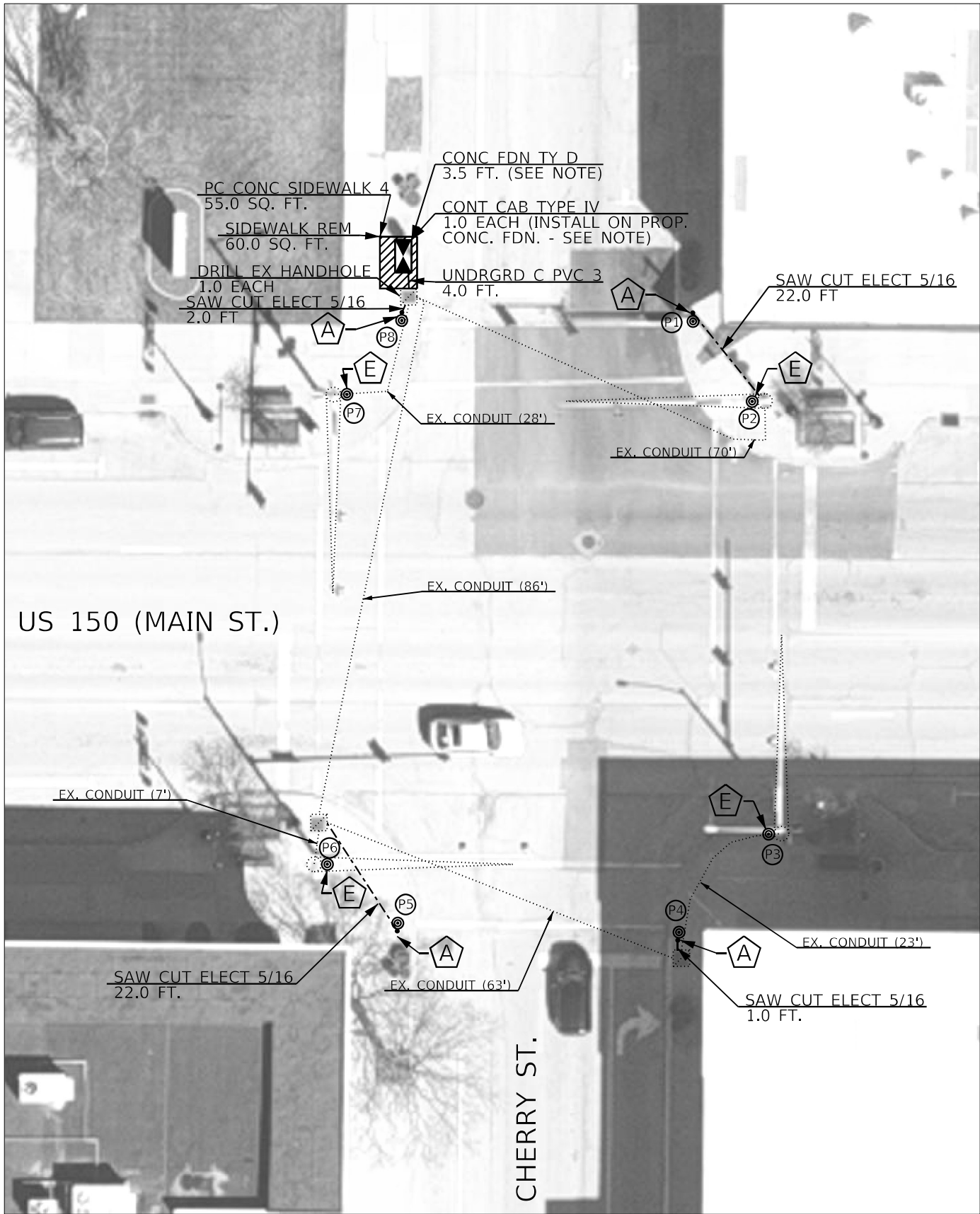
SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR.	D4 ADA PUSHBUTTONS 2024-1	KNOX	76	18
CONTRACT NO. 68H77				
ILLINOIS FED. AID PROJECT				

NOT TO SCALE



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DATE: 8/22/2023

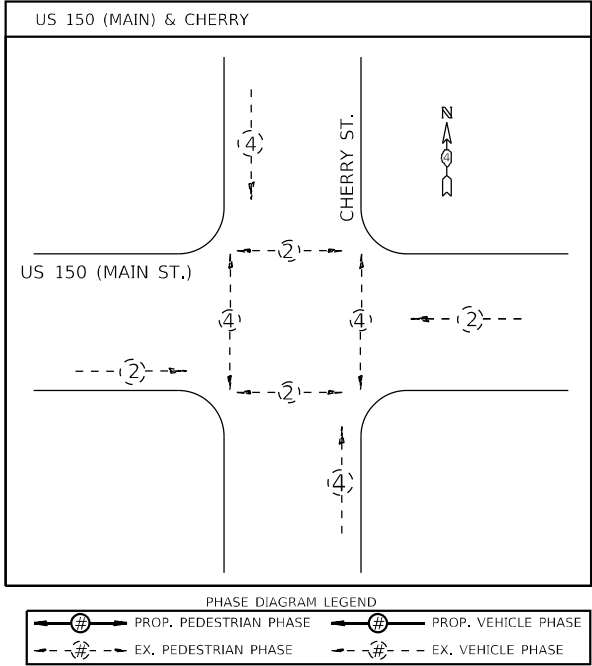


NOTES:  
1. THE PROPOSED TYPE D FOUNDATION SHALL BE LOCATED 1 FT. FROM THE EDGE OF CURB.  
2. THE CONTRACTOR SHALL DISCONNECT THE TRAFFIC SIGNAL FIELD WIRING AND PULL IT INTO THE EXISTING HANDHOLE. THE CONTRACTOR SHALL RE-INSTALL THE EXISTING FIELD WIRING IN THE PROPOSED CONDUIT BETWEEN THE EXISTING HANDHOLE AND THE PROPOSED TRAFFIC SIGNAL CABINET. THE COST OF THIS WORK SHALL BE INCLUDED IN THE BID PRICE OF THE PROPOSED CONTROLLER CABINET.

GALESBURG TOWNSHIP  
40.947638, -90.369770

BILL OF MATERIALS		
US 150 (MAIN) & CHERRY		
ITEM DESCRIPTION	UNIT	QTY.
ACCESSIBLE PEDESTRIAN SIGNALS	EACH	8.0
PEDESTRIAN PUSH-BUTTON POST (NO FOUNDATION)	EACH	4.0
ANCHOR BOLT SET, 1/2 DIAMETER, WITH WEDGE ANCHORS	EACH	4.0
SAW CUT FOR ELECTRICAL CABLE INSTALLATION, 5/16"	FOOT	47.0
THHN WIRE ENCASED IN PVC TUBE, NO. 19/27 AWG	FOOT	273.0
ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 3C	FOOT	50.5
ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 5C	FOOT	422.0
CONCRETE FOUNDATION, TYPE D	FOOT	3.5
CONTROLLER CABINET TYPE IV	EACH	1.0
UNDERGROUND CONDUIT, PVC, 3" DIA.	FOOT	4.0
PORTLAND CEMENT CONCRETE SIDEWALK 4 INCH	SQ FT	55.0
SIDEWALK REMOVAL	SQ FT	60.0

APS SCHEDULE							
US 150 (MAIN) & CHERRY							
LABEL	LOCATION	INSTALLATION TYPE	MOUNTING BRACKET	CROSSING	WALK INDICATION	WIRING NOTES	NOTES
P1	NE QUAD	PROP. PEDESTRIAN PUSHBUTTON POST (NO FOUNDATION)	SINGLE	CHERRY	tone	INSTALL NEW WIRE FROM APS TO CONTROLLER (SPlice IN EX. MAST ARM)	PROP. SAW CUT FROM PROP. PUSHBUTTON POST TO EX. MAST ARM
P2	NE QUAD	EX. MAST ARM	SINGLE	MAIN	tone	INSTALL NEW WIRE FROM APS TO CONTROLLER	
P3	SE QUAD	EX. MAST ARM	SINGLE	MAIN	tone	INSTALL NEW WIRE FROM APS TO CONTROLLER	
P4	SE QUAD	PROP. PEDESTRIAN PUSHBUTTON POST (NO FOUNDATION)	SINGLE	CHERRY	tone	INSTALL NEW WIRE FROM APS TO CONTROLLER (SPlice IN EX. MAST ARM)	PROP. SAW CUT FROM PROP. PUSHBUTTON POST TO EX. HANDHOLE
P5	SW QUAD	PROP. PEDESTRIAN PUSHBUTTON POST (NO FOUNDATION)	SINGLE	CHERRY	tone	INSTALL NEW WIRE FROM APS TO CONTROLLER (SPlice IN EX. MAST ARM)	PROP. SAW CUT FROM PROP. PUSHBUTTON POST TO EX. HANDHOLE
P6	SW QUAD	EX. MAST ARM	SINGLE	MAIN	tone	INSTALL NEW WIRE FROM APS TO CONTROLLER	
P7	NW QUAD	EX. MAST ARM	SINGLE	MAIN	tone	INSTALL NEW WIRE FROM APS TO CONTROLLER	
P8	NW QUAD	PROP. PEDESTRIAN PUSHBUTTON POST (NO FOUNDATION)	SINGLE	CHERRY	tone	INSTALL NEW WIRE FROM APS TO CONTROLLER	PROP. SAW CUT FROM PROP. PUSHBUTTON POST TO EX. HANDHOLE



THE CONTRACTOR SHALL FIELD VERIFY PHASE DIAGRAM PRIOR TO ORDERING PROPOSED CONTROLLER CABINET.

APS LEGEND	
	PROP. APS INSTALLED ON PROP. PEDESTRIAN PUSHBUTTON POST (NO FOUNDATION) ON EX. SIDEWALK, WITH ANCHOR BOLT SET, 1/2 DIAMETER, WITH WEDGE ANCHORS
	PROP. APS INSTALLED ON PROP. PEDESTRIAN PUSHBUTTON POST (NO FOUNDATION) ON EX. ISLAND SURFACE, WITH ANCHOR BOLT SET, 1/2 DIAMETER, WITH WEDGE ANCHORS
	PROP. APS INSTALLED ON PROP. PEDESTRIAN PUSHBUTTON POST (NO FOUNDATION) ON EX. SIDEWALK CURB, WITH ANCHOR BOLT SET, 1/2 DIAMETER, WITH WEDGE ANCHORS
	PROP. APS INSTALLED ON PROP. PEDESTRIAN PUSHBUTTON POST (CONCRETE FOUNDATION)
	PROP. APS INSTALLED ON EX. MAST ARM STRAIN POLE
	PROP. APS INSTALLED ON EX. TRAFFIC SIGNAL POST OR LIGHT POLE
	PROP. APS INSTALLED ON EX. PEDESTRIAN PUSHBUTTON POST
	PROP. APS INSTALLED ON PROP. TRAFFIC SIGNAL POST

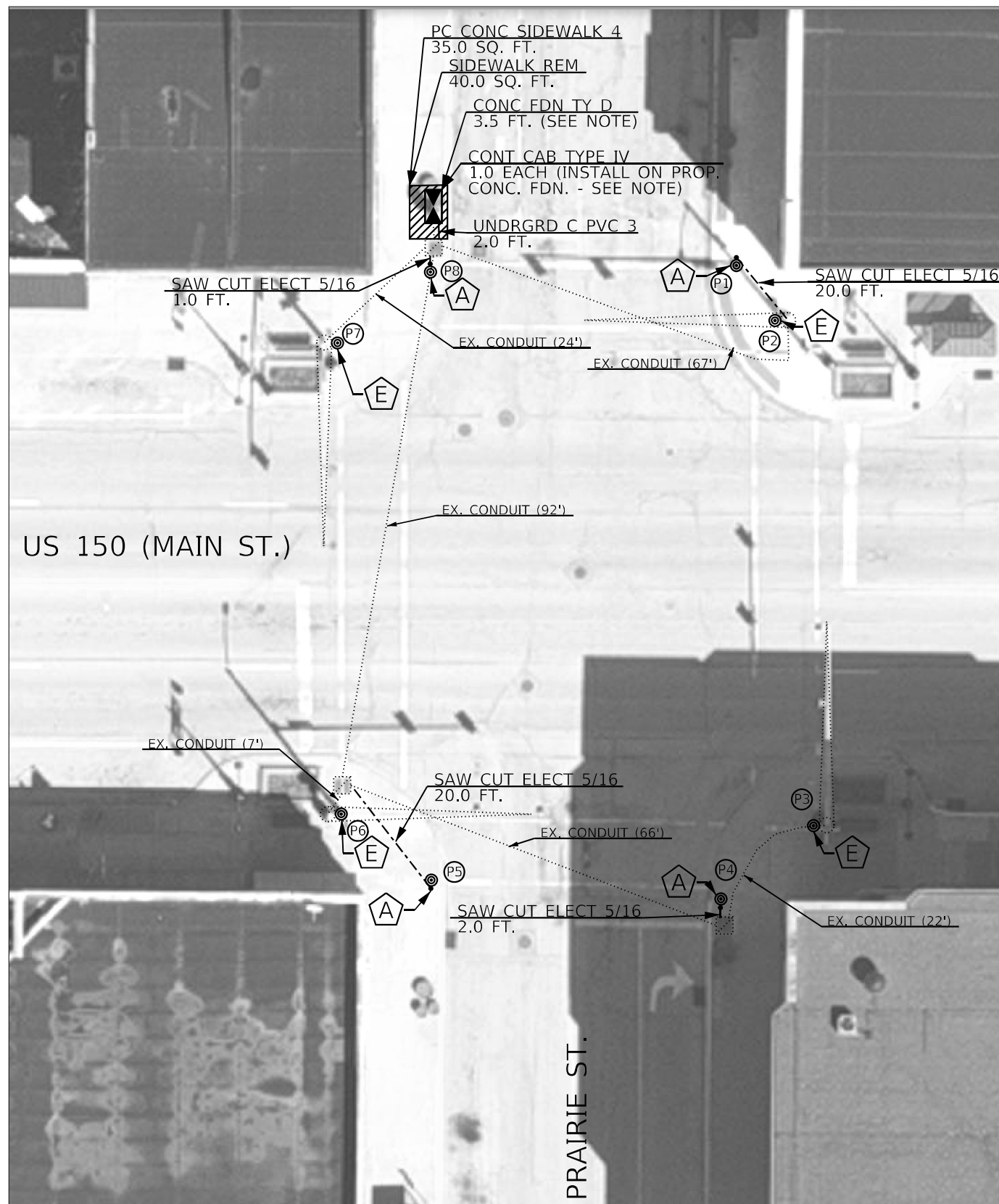
NOT TO SCALE

USER NAME = Trevor.Hanson	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 23,8272' = 1 in.	CHECKED -	REVISED -
PLOT DATE = 8/22/2023	DATE -	REVISED -

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

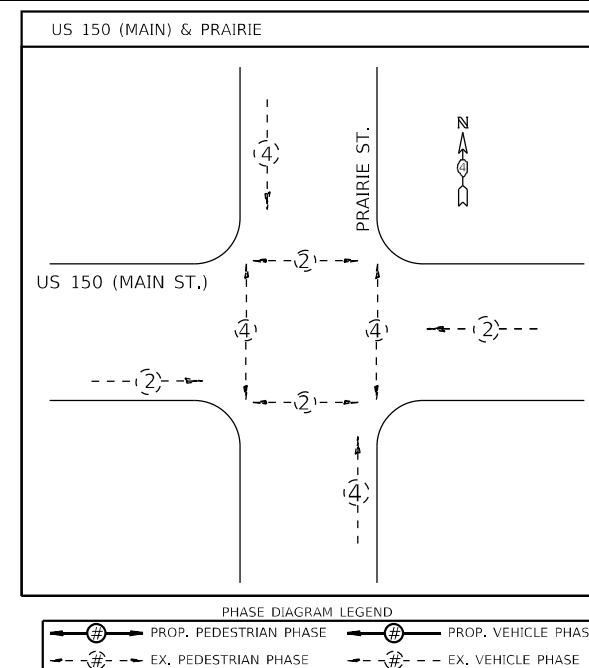
PROPOSED ACCESSIBLE PEDESTRIAN SIGNALS			
US 150 (MAIN ST.) & CHERRY ST. - GALESBURG			
SCALE:	SHEET	OF	SHEETS
STA.	TO	STA.	TO

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR.	D4 ADA PUSHBUTTONS 2024-1	KNOX	76	19
CONTRACT NO. 68H77				
ILLINOIS FED. AID PROJECT				











BILL OF MATERIALS		
US 150 (MAIN) & PRAIRIE		
ITEM DESCRIPTION	UNIT	QTY.
ACCESSIBLE PEDESTRIAN SIGNALS	EACH	8.0
PEDESTRIAN PUSH-BUTTON POST (NO FOUNDATION)	EACH	4.0
ANCHOR BOLT SET, 1/2 DIAMETER, WITH WEDGE ANCHORS	EACH	4.0
SAW CUT FOR ELECTRICAL CABLE INSTALLATION, 5/16"	FOOT	43.0
THHN WIRE ENCASED IN PVC TUBE, NO. 19/27 AWG	FOOT	259.0
ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 3C	FOOT	44.5
ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 5C	FOOT	427.0
CONTROLLER CABINET TYPE IV	EACH	1.0
CONCRETE FOUNDATION, TYPE D	FOOT	3.5
UNDERGROUND CONDUIT, PVC, 3" DIA.	FOOT	2.0
PORTLAND CEMENT CONCRETE SIDEWALK 4 INCH	SQ FT	35.0
SIDEWALK REMOVAL	SQ FT	40.0

APS SCHEDULE							
US 150 (MAIN) & PRAIRIE							
LABEL	LOCATION	INSTALLATION TYPE	MOUNTING BRACKET	CROSSING	WALK INDICATION	WIRING NOTES	NOTES
P1	NE QUAD	PROP. PEDESTRIAN PUSHBUTTON POST (NO FOUNDATION)	SINGLE	PRAIRIE	TONE	INSTALL NEW WIRE FROMAPS TO CONTROLLER (SPlice IN EX. MAST ARM)	PROP. SAW CUT FROM PROP. PUSHBUTTON POST TO EX. MAST ARM
P2	NE QUAD	EX. MAST ARM	SINGLE	MAIN	TONE	INSTALL NEW WIRE FROM APS TO CONTROLLER	
P3	SE QUAD	EX. MAST ARM	SINGLE	MAIN	TONE	INSTALL NEW WIRE FROM APS TO CONTROLLER	
P4	SE QUAD	PROP. PEDESTRIAN PUSHBUTTON POST (NO FOUNDATION)	SINGLE	PRAIRIE	TONE	INSTALL NEW WIRE FROMAPS TO CONTROLLER (SPlice IN EX. MAST ARM)	PROP. SAW CUT FROM PROP. PUSHBUTTON POST TO EX. HANDHOLE
P5	SW QUAD	PROP. PEDESTRIAN PUSHBUTTON POST (NO FOUNDATION)	SINGLE	PRAIRIE	TONE	INSTALL NEW WIRE FROMAPS TO CONTROLLER (SPlice IN EX. MAST ARM)	PROP. SAW CUT FROM PROP. PUSHBUTTON POST TO EX. HANDHOLE
P6	SW QUAD	EX. MAST ARM	SINGLE	MAIN	TONE	INSTALL NEW WIRE FROM APS TO CONTROLLER	
P7	NW QUAD	EX. MAST ARM	SINGLE	MAIN	TONE	INSTALL NEW WIRE FROM APS TO CONTROLLER	
P8	NW QUAD	PROP. PEDESTRIAN PUSHBUTTON POST (NO FOUNDATION)	SINGLE	PRAIRIE	TONE	INSTALL NEW WIRE FROM APS TO CONTROLLER	PROP. SAW CUT FROM PROP. PUSHBUTTON POST TO EX. HANDHOLE



THE CONTRACTOR SHALL FIELD VERIFY PHASE DIAGRAM  
PRIOR TO ORDERING PROPOSED CONTROLLER CABINET.

APS LEGEND	
	PROP. APS INSTALLED ON PROP. PEDESTRIAN PUSHBUTTON POST (NO FOUNDATION) ON EX. SIDEWALK, WITH ANCHOR BOLT SET, 1/2 DIAMETER, WITH WEDGE ANCHORS
	PROP. APS INSTALLED ON PROP. PEDESTRIAN PUSHBUTTON POST (NO FOUNDATION) ON EX. ISLAND SURFACE, WITH ANCHOR BOLT SET, 1/2 DIAMETER, WITH WEDGE ANCHORS
	PROP. APS INSTALLED ON PROP. PEDESTRIAN PUSHBUTTON POST (NO FOUNDATION) ON EX. SIDEWALK CURB, WITH ANCHOR BOLT SET 1/2 DIAMETER, WITH WEDGE ANCHORS
	PROP. APS INSTALLED ON PROP. PEDESTRIAN PUSHBUTTON POST (CONCRETE FOUNDATION)
	PROP. APS INSTALLED ON EX. MAST ARM STRAIN POLE
	PROP. APS INSTALLED ON EX. TRAFFIC SIGNAL POST OR LIGHT POLE
	PROP. APS INSTALLED ON EX. PEDESTRIAN PUSHBUTTON POST
	PROP. APS INSTALLED ON PROP. TRAFFIC SIGNAL POST

NOTES:

1. THE PROPOSED TYPE D FOUNDATION SHALL BE LOCATED 1 FT. FROM THE EDGE OF CURB.
2. THE CONTRACTOR SHALL DISCONNECT THE TRAFFIC SIGNAL FIELD WIRING AND PULL IT INTO THE EXISTING HANDHOLE. THE CONTRACTOR SHALL RE-INSTALL THE EXISTING FIELD WIRING IN THE PROPOSED CONDUIT BETWEEN THE EXISTING HANDHOLE AND THE PROPOSED TRAFFIC SIGNAL CABINET. THE COST OF THIS WORK SHALL BE INCLUDED IN THE BID PRICE OF THE PROPOSED CONTROLLER CABINET.

GALESBURG TOWNSHIP  
40.947641, -90.368058

USER NAME = Trevor,Hanson	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 23,8272 ' / in.	CHECKED -	REVISED -
PLOT DATE = 8/22/2023	DATE -	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

PROPOSED ACCESSIBLE PEDESTRIAN SIGNALS  
US 150 (MAIN ST.) & PRAIRIE ST. - GALESBURG

SCALE:	SHEET	OF	SHEETS	STA.	TO STA.
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F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR.	D4 ADA PUSHBUTTONS 2024-1	KNOX	76	20
		CONTRACT NO. 68H77		
		ILLINOIS	FED. AID PROJECT	

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MODEL Default  
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DATE: 8/22/2023  
TIME: 10:00:00  
USER: ANHanson  
PROJECT: US 150 (MAIN) & KELLOGG ST. - GALESBURG  
SHEET: 76 OF 21  
CONTRACT NO. 68H77

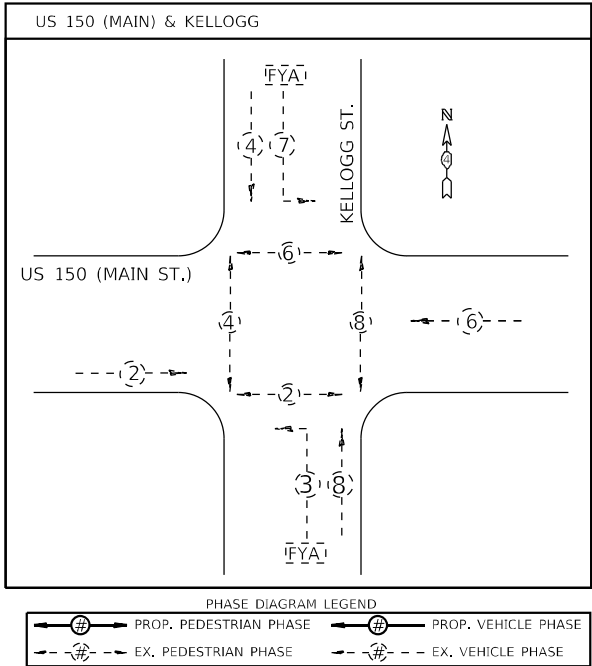


NOTES:  
1. FOR SIGNAL HEADS THAT HAVE EXISTING BACKPLATES WITHOUT RETRO-REFLECTIVE SHEETING, THE CONTRACTOR SHALL REMOVE AND DISPOSE OF THE EXISTING BACKPLATE OFF OF THE JOB SITE AND INSTALL A NEW BACKPLATE WITH RETRO-REFLECTIVE SHEETING. THE COST OF THIS WORK WILL BE INCLUDED IN THE BID PRICE FOR THE "TRAFFIC SIGNAL BACKPLATE RETRO-REFLECTIVE."

GALESBURG TOWNSHIP  
40.947390, -90.366534

BILL OF MATERIALS		
US 150 (MAIN) & KELLOGG		
ITEM DESCRIPTION	UNIT	QTY.
ACCESSIBLE PEDESTRIAN SIGNALS	EACH	8.0
PEDESTRIAN PUSH-BUTTON POST (NO FOUNDATION)	EACH	2.0
ANCHOR BOLT SET, 1/2 DIAMETER, WITH WEDGE ANCHORS	EACH	2.0
SAW CUT FOR ELECTRICAL CABLE INSTALLATION, 5/16"	FOOT	35.0
THHN WIRE ENCASED IN PVC TUBE, NO. 19/27 AWG	FOOT	142.0
TRAFFIC SIGNAL BACKPLATE, RETROREFLECTIVE	EACH	4.0

APS SCHEDULE							
US 150 (MAIN) & KELLOGG							
LABEL	LOCATION	INSTALLATION TYPE	MOUNTING BRACKET	CROSSING	WALK INDICATION	WIRING NOTES	NOTES
P1	NE QUAD	PROP. PEDESTRIAN PUSHBUTTON POST (NO FOUNDATION)	SINGLE	KELLOGG	TONE	INSTALL NEW WIRE FROM APS TO EX. PEDESTRIAN PUSHBUTTON POST AND SPLICE WITH EX. WIRE IN PEDESTRIAN PUSHBUTTON POST BASE	PROP. SAW CUT FROM PROP. PUSHBUTTON POST TO EX. HANDHOLE
P2	NE QUAD	EX. PEDESTRIAN PUSHBUTTON POST	SINGLE	MAIN	TONE	RE-USE EXISTING WIRE	
P3	SE QUAD	EX. MAST ARM	SINGLE	MAIN	TONE	RE-USE EXISTING WIRE	
P4	SE QUAD	EX. TS POST	SINGLE	KELLOGG	TONE	RE-USE EXISTING WIRE	
P5	SW QUAD	EX. TS POST	SINGLE	KELLOGG	TONE	RE-USE EXISTING WIRE	
P6	SW QUAD	EX. MAST ARM	SINGLE	MAIN	TONE	RE-USE EXISTING WIRE	
P7	NW QUAD	PROP. PEDESTRIAN PUSHBUTTON POST (NO FOUNDATION)	SINGLE	MAIN	TONE	INSTALL NEW WIRE FROM APS TO EX. MAST ARM AND SPLICE WITH EX. WIRE IN MAST ARM BASE	PROP. SAW CUT FROM PROP. PUSHBUTTON POST TO EX. HANDHOLE
P8	NW QUAD	EX. TS POST	SINGLE	KELLOGG	TONE	RE-USE EXISTING WIRE	



APS LEGEND	
	PROP. APS INSTALLED ON PROP. PEDESTRIAN PUSHBUTTON POST (NO FOUNDATION) ON EX. SIDEWALK, WITH ANCHOR BOLT SET, 1/2 DIAMETER, WITH WEDGE ANCHORS
	PROP. APS INSTALLED ON PROP. PEDESTRIAN PUSHBUTTON POST (NO FOUNDATION) ON EX. ISLAND SURFACE, WITH ANCHOR BOLT SET, 1/2 DIAMETER, WITH WEDGE ANCHORS
	PROP. APS INSTALLED ON PROP. PEDESTRIAN PUSHBUTTON POST (CONCRETE FOUNDATION)
	PROP. APS INSTALLED ON EX. MAST ARM STRAIN POLE
	PROP. APS INSTALLED ON EX. TRAFFIC SIGNAL POST OR LIGHT POLE
	PROP. APS INSTALLED ON EX. PEDESTRIAN PUSHBUTTON POST
	PROP. APS INSTALLED ON PROP. TRAFFIC SIGNAL POST

NOT TO SCALE

USER NAME = Trevor.Hanson	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 23,8272 * / in.	CHECKED -	REVISED -
PLOT DATE = 8/22/2023	DATE -	REVISED -

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

PROPOSED ACCESSIBLE PEDESTRIAN SIGNALS  
US 150 (MAIN ST.) & KELLOGG ST. - GALESBURG

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR.	D4 ADA PUSHBUTTONS 2024-1	KNOX	76	21
CONTRACT NO. 68H77				
ILLINOIS FED. AID PROJECT				



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DATE: 8/22/2023

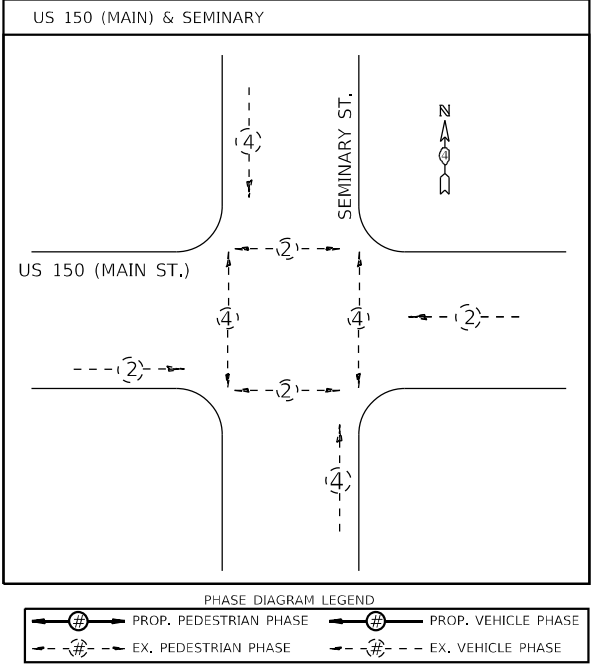


- NOTES:
- THE PROPOSED TYPE D FOUNDATION SHALL BE LOCATED 1 FT. FROM THE EDGE OF CURB.
  - THE CONTRACTOR SHALL DISCONNECT THE TRAFFIC SIGNAL FIELD WIRING AND PULL IT INTO THE EXISTING HANDHOLE. THE CONTRACTOR SHALL RE-INSTALL THE EXISTING FIELD WIRING IN THE PROPOSED CONDUIT BETWEEN THE EXISTING HANDHOLE AND THE PROPOSED TRAFFIC SIGNAL CABINET. THE COST OF THIS WORK SHALL BE INCLUDED IN THE BID PRICE OF THE PROPOSED CONTROLLER CABINET.

GALESBURG TOWNSHIP  
40.947305, -90.364576

BILL OF MATERIALS		
US 150 (MAIN) & SEMINARY		
ITEM DESCRIPTION	UNIT	QTY.
ACCESSIBLE PEDESTRIAN SIGNALS	EACH	8.0
PEDESTRIAN PUSH-BUTTON POST (NO FOUNDATION)	EACH	4.0
ANCHOR BOLT SET, 1/2 DIAMETER, WITH WEDGE ANCHORS	EACH	4.0
SAW CUT FOR ELECTRICAL CABLE INSTALLATION, 5/16"	FOOT	53.0
THHN WIRE ENCASED IN PVC TUBE, NO. 19/27 AWG	FOOT	277.0
ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 3C	FOOT	46.5
ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 5C	FOOT	550.0
CONCRETE FOUNDATION, TYPE D	FOOT	3.5
CONTROLLER CABINET TYPE IV	EACH	1.0
UNDERGROUND CONDUIT, PVC, 3" DIA.	FOOT	2.0
PORTLAND CEMENT CONCRETE SIDEWALK 4 INCH	SQ FT	35.0
SIDEWALK REMOVAL	SQ FT	40.0

APS SCHEDULE							
US 150 (MAIN) & SEMINARY							
LABEL	LOCATION	INSTALLATION TYPE	MOUNTING BRACKET	CROSSING	WALK INDICATION	WIRING NOTES	NOTES
P1	NE QUAD	PROP. PEDESTRIAN PUSHBUTTON POST (NO FOUNDATION)	SINGLE	SEMINARY	tone	INSTALL NEW WIRE FROM APS TO CONTROLLER (SPlice IN EX. MAST ARM)	PROP. SAW CUT FROM PROP. PUSHBUTTON POST TO EX. MAST ARM
P2	NE QUAD	EX. MAST ARM	SINGLE	MAIN	tone	INSTALL NEW WIRE FROM APS TO CONTROLLER	
P3	SE QUAD	EX. MAST ARM	SINGLE	MAIN	tone	INSTALL NEW WIRE FROM APS TO CONTROLLER	
P4	SE QUAD	PROP. PEDESTRIAN PUSHBUTTON POST (NO FOUNDATION)	SINGLE	SEMINARY	tone	INSTALL NEW WIRE FROM APS TO CONTROLLER	PROP. SAW CUT FROM PROP. PUSHBUTTON POST TO EX. HANDHOLE
P5	SW QUAD	PROP. PEDESTRIAN PUSHBUTTON POST (NO FOUNDATION)	SINGLE	SEMINARY	tone	INSTALL NEW WIRE FROM APS TO CONTROLLER (SPlice IN EX. MAST ARM)	PROP. SAW CUT FROM PROP. PUSHBUTTON POST TO EX. HANDHOLE
P6	SW QUAD	EX. MAST ARM	SINGLE	MAIN	tone	INSTALL NEW WIRE FROM APS TO CONTROLLER	
P7	NW QUAD	EX. MAST ARM	SINGLE	MAIN	tone	INSTALL NEW WIRE FROM APS TO CONTROLLER	
P8	NW QUAD	PROP. PEDESTRIAN PUSHBUTTON POST (NO FOUNDATION)	SINGLE	SEMINARY	tone	INSTALL NEW WIRE FROM APS TO CONTROLLER (SPlice IN EX. MAST ARM)	PROP. SAW CUT FROM PROP. PUSHBUTTON POST TO EX. HANDHOLE



THE CONTRACTOR SHALL FIELD VERIFY PHASE DIAGRAM PRIOR TO ORDERING PROPOSED CONTROLLER CABINET.

APS LEGEND	
A	PROP. APS INSTALLED ON PROP. PEDESTRIAN PUSHBUTTON POST (NO FOUNDATION) ON EX. SIDEWALK, WITH ANCHOR BOLT SET, 1/2 DIAMETER, WITH WEDGE ANCHORS
B	PROP. APS INSTALLED ON PROP. PEDESTRIAN PUSHBUTTON POST (NO FOUNDATION) ON EX. ISLAND SURFACE, WITH ANCHOR BOLT SET, 1/2 DIAMETER, WITH WEDGE ANCHORS
C	PROP. APS INSTALLED ON PROP. PEDESTRIAN PUSHBUTTON POST (NO FOUNDATION) ON EX. SIDEWALK CURB, WITH ANCHOR BOLT SET 1/2 DIAMETER, WITH WEDGE ANCHORS
D	PROP. APS INSTALLED ON PROP. PEDESTRIAN PUSHBUTTON POST (CONCRETE FOUNDATION)
E	PROP. APS INSTALLED ON EX. MAST ARM STRAIN POLE
F	PROP. APS INSTALLED ON EX. TRAFFIC SIGNAL POST OR LIGHT POLE
G	PROP. APS INSTALLED ON EX. PEDESTRIAN PUSHBUTTON POST
H	PROP. APS INSTALLED ON PROP. TRAFFIC SIGNAL POST

NOT TO SCALE

USER NAME = Trevor.Hanson	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 23,8272 * / in.	CHECKED -	REVISED -
PLOT DATE = 8/22/2023	DATE -	REVISED -

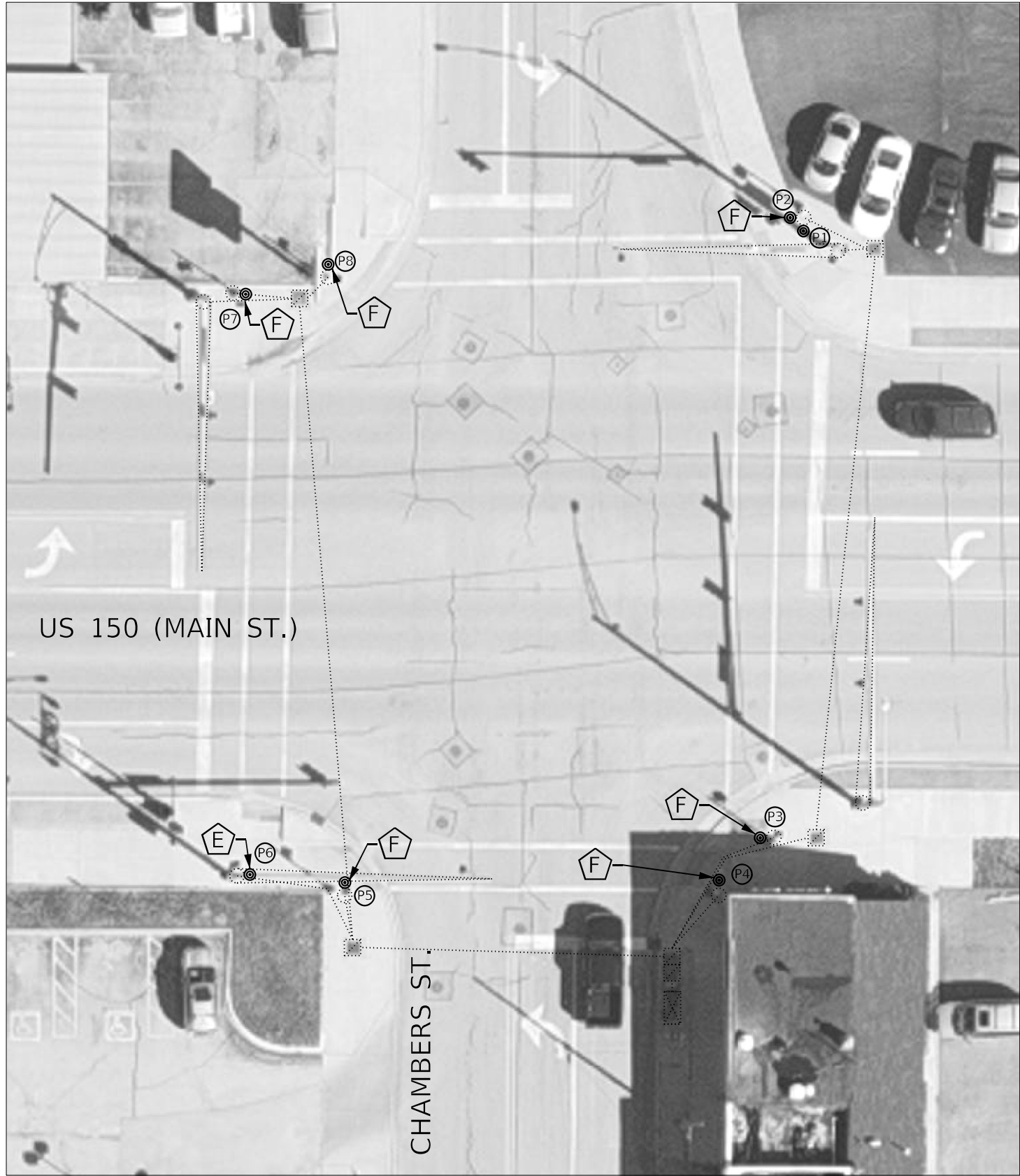
STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

PROPOSED ACCESSIBLE PEDESTRIAN SIGNALS  
US 150 (MAIN ST.) & SEMINARY ST. - GALESBURG

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR.	D4 ADA PUSHBUTTONS 2024-1	KNOX	76	22
CONTRACT NO. 68H77				
ILLINOIS FED. AID PROJECT				

MODEL: Default  
FILE NAME: S:\GREENWATER\DESIGN\AP5\68H77 - D4 ADA Pushbuttons - 2024-1\08-22-23.dgn

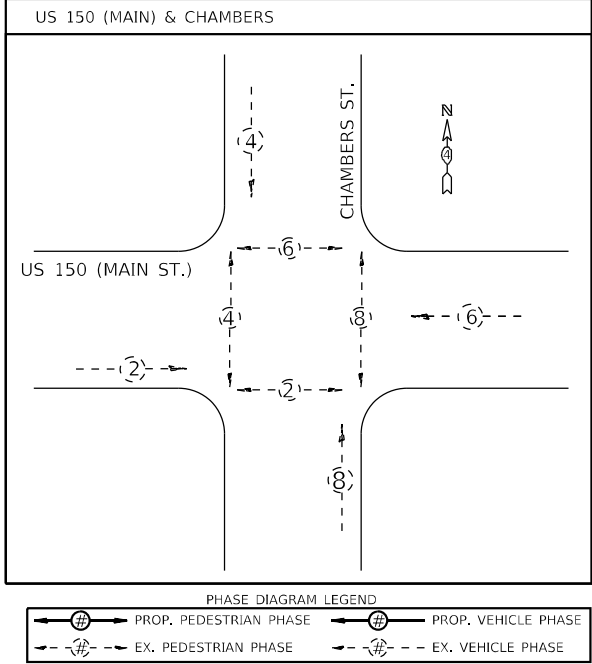


GALESBURG TOWNSHIP  
40.947268, -90.362333



BILL OF MATERIALS		
US 150 (MAIN) & CHAMBERS		
ITEM DESCRIPTION	UNIT	QTY.
ACCESSIBLE PEDESTRIAN SIGNALS	EACH	8.0

APS SCHEDULE							
US 150 (MAIN) & CHAMBERS							
LABEL	LOCATION	INSTALLATION TYPE	MOUNTING BRACKET	CROSSING	WALK INDICATION	WIRING NOTES	NOTES
P1	NE QUAD	EX. TS POST	DUAL	CHAMBERS	SPEECH	RE-USE EXISTING WIRE (RE-LOCATE WIRE FOR P1 FROM EX. MAST ARM TO EX. TS POST)	
P2	NE QUAD		DUAL	MAIN	SPEECH		
P3	SE QUAD	EX. TS POST	SINGLE	MAIN	TONE	RE-USE EXISTING WIRE	
P4	SE QUAD	EX. TS POST	SINGLE	CHAMBERS	TONE	RE-USE EXISTING WIRE	
P5	SW QUAD	EX. TS POST	SINGLE	CHAMBERS	TONE	RE-USE EXISTING WIRE	
P6	SW QUAD	EX. MAST ARM	SINGLE	MAIN	TONE	RE-USE EXISTING WIRE	
P7	NW QUAD	EX. TS POST	SINGLE	MAIN	SPEECH	RE-USE EXISTING WIRE	
P8	NW QUAD	EX. TS POST	SINGLE	CHAMBERS	SPEECH	RE-USE EXISTING WIRE	



APS LEGEND	
	PROP. APS INSTALLED ON PROP. PEDESTRIAN PUSHBUTTON POST (NO FOUNDATION) ON EX. SIDEWALK, WITH ANCHOR BOLT SET, 1/2 DIAMETER, WITH WEDGE ANCHORS
	PROP. APS INSTALLED ON PROP. PEDESTRIAN PUSHBUTTON POST (NO FOUNDATION) ON EX. ISLAND SURFACE, WITH ANCHOR BOLT SET, 1/2 DIAMETER, WITH WEDGE ANCHORS
	PROP. APS INSTALLED ON PROP. PEDESTRIAN PUSHBUTTON POST (NO FOUNDATION) ON EX. SIDEWALK CURB, WITH ANCHOR BOLT SET 1/2 DIAMETER, WITH WEDGE ANCHORS
	PROP. APS INSTALLED ON PROP. PEDESTRIAN PUSHBUTTON POST (CONCRETE FOUNDATION)
	PROP. APS INSTALLED ON EX. MAST ARM STRAIN POLE
	PROP. APS INSTALLED ON EX. TRAFFIC SIGNAL POST OR LIGHT POLE
	PROP. APS INSTALLED ON EX. PEDESTRIAN PUSHBUTTON POST
	PROP. APS INSTALLED ON PROP. TRAFFIC SIGNAL POST

NOT TO SCALE

	USER NAME = Trevor,Hanson	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PROPOSED ACCESSIBLE PEDESTRIAN SIGNALS US 150 (MAIN ST.) & CHAMBERS ST. - GALESBURG				F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		DRAWN -	REVISED -						VAR.	D4 ADA PUSHBUTTONS 2024-1	KNOX	76	23
	PLOT SCALE = 23,8272' * / in.	CHECKED -	REVISED -		CONTRACT NO. 68H77								
	PLOT DATE = 8/22/2023	DATE -	REVISED -		ILLINOIS FED. AID PROJECT								
SCALE:		SHEET OF SHEETS		STA. TO STA.									



Model: Default  
File Name: S:\ENR\WORK\DD\SP\AN\Hanson\# APS\68H77 ID4 ADA PushButtons 2024-1 (08-22-23).dgn

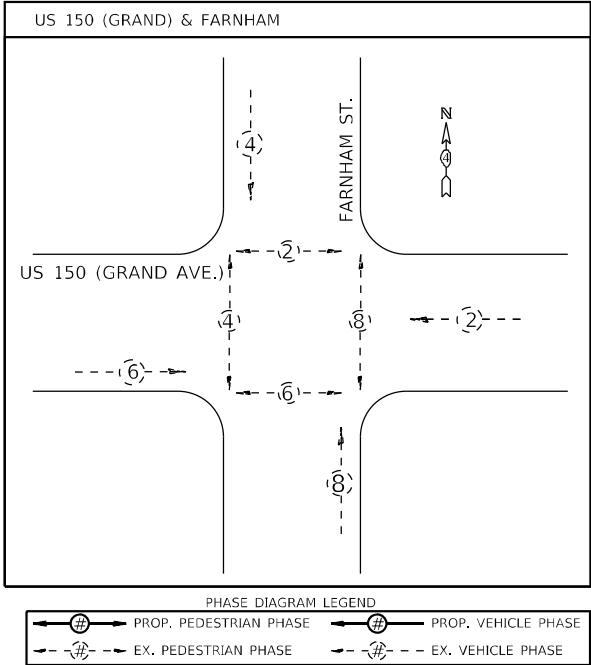


GALESBURG TOWNSHIP  
40.941265, -90.345954



BILL OF MATERIALS		
US 150 (GRAND) & FARNHAM		
ITEM DESCRIPTION	UNIT	QTY.
ACCESSIBLE PEDESTRIAN SIGNALS	EACH	8.0
PEDESTRIAN PUSH-BUTTON POST	EACH	3.0
ANCHOR BOLT SET, 1/2 DIAMETER, WITH WEDGE ANCHORS	EACH	1.0
SAW CUT FOR ELECTRICAL CABLE INSTALLATION, 5/16"	FOOT	30.0
THHN WIRE ENCASED IN PVC TUBE, NO. 19/27 AWG	FOOT	54.5
ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 3C	FOOT	86.0
CONTROLLER CABINET TYPE IV	EACH	1.0
UNDERGROUND CONDUIT, PVC, 1" DIA.	FOOT	29.0
DRILL EXISTING HANDHOLE	EACH	3.0
PEDESTRIAN PUSH-BUTTON POST (NO FOUNDATION)	EACH	1.0
TRAFFIC SIGNAL BACKPLATE, RETROREFLECTIVE	EACH	2.0

APS SCHEDULE							
US 150 (GRAND) & FARNHAM							
LABEL	LOCATION	INSTALLATION TYPE	MOUNTING BRACKET	CROSSING	WALK INDICATION	WIRING NOTES	NOTES
P1	NE QUAD	PROP. PEDESTRIAN PUSHBUTTON POST	SINGLE	FARNHAM	tone	RE-USE EXISTING WIRE (INSTALL IN PROP. CONDUIT)	
P2	NE QUAD	PROP. PEDESTRIAN PUSHBUTTON POST	SINGLE	GRAND	tone	INSTALL NEW WIRE FROM APS TO PROP. PEDESTRIAN PUSHBUTTON POST P1 AND SPLICE WITH EX. WIRE IN BASE	PROP. CONDUIT FROM PROP. PUSHBUTTON POST TO EX. TS POST.
P3	SE QUAD	EX. MAST ARM	DUAL	GRAND	SPEECH	RE-USE EXISTING WIRE	
P4	SE QUAD		DUAL	FARNHAM	SPEECH		
P5	SW QUAD	PROP. PEDESTRIAN PUSHBUTTON POST (NO FOUNDATION)	SINGLE	FARNHAM	tone	INSTALL NEW WIRE FROM APS TO PROP. PEDESTRIAN PUSHBUTTON POST P6 AND SPLICE WITH EX. WIRE IN BASE	PROP. SAW CUT FROM PROP. PUSHBUTTON POST TO EX. HANDHOLE
P6	SW QUAD	PROP. PEDESTRIAN PUSHBUTTON POST	SINGLE	GRAND	tone	RE-USE EXISTING WIRE (INSTALL IN PROP. CONDUIT)	
P7	NW QUAD	EX. PEDESTRIAN PUSHBUTTON POST	DUAL	GRAND	SPEECH	RE-USE EXISTING WIRE	
P8	NW QUAD		DUAL	FARNHAM	SPEECH		



THE CONTRACTOR SHALL FIELD VERIFY PHASE DIAGRAM PRIOR TO ORDERING PROPOSED CONTROLLER CABINET.

APS LEGEND	
	PROP. APS INSTALLED ON PROP. PEDESTRIAN PUSHBUTTON POST (NO FOUNDATION) ON EX. SIDEWALK, WITH ANCHOR BOLT SET, 1/2 DIAMETER, WITH WEDGE ANCHORS
	PROP. APS INSTALLED ON PROP. PEDESTRIAN PUSHBUTTON POST (NO FOUNDATION) ON EX. ISLAND SURFACE, WITH ANCHOR BOLT SET, 1/2 DIAMETER, WITH WEDGE ANCHORS
	PROP. APS INSTALLED ON PROP. PEDESTRIAN PUSHBUTTON POST (NO FOUNDATION) ON EX. SIDEWALK CURB, WITH ANCHOR BOLT SET, 1/2 DIAMETER, WITH WEDGE ANCHORS
	PROP. APS INSTALLED ON PROP. PEDESTRIAN PUSHBUTTON POST (CONCRETE FOUNDATION)
	PROP. APS INSTALLED ON EX. MAST ARM STRAIN POLE
	PROP. APS INSTALLED ON EX. TRAFFIC SIGNAL POST OR LIGHT POLE
	PROP. APS INSTALLED ON EX. PEDESTRIAN PUSHBUTTON POST
	PROP. APS INSTALLED ON PROP. TRAFFIC SIGNAL POST

NOT TO SCALE

SCALE:	SHEET OF SHEETS			STA. TO STA.			ILLINOIS FED. AID PROJECT			
	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION			PROPOSED ACCESSIBLE PEDESTRIAN SIGNALS US 150 (GRAND AVE.) & FARNHAM ST. - GALESBURG			CONTRACT NO. 68H77			
	DESIGNED - DRAWN - CHECKED - DATE -			REVISED - REVISED - REVISED - REVISED -			F.A.P. RTE. SECTION COUNTY TOTAL SHEETS SHEET NO.			

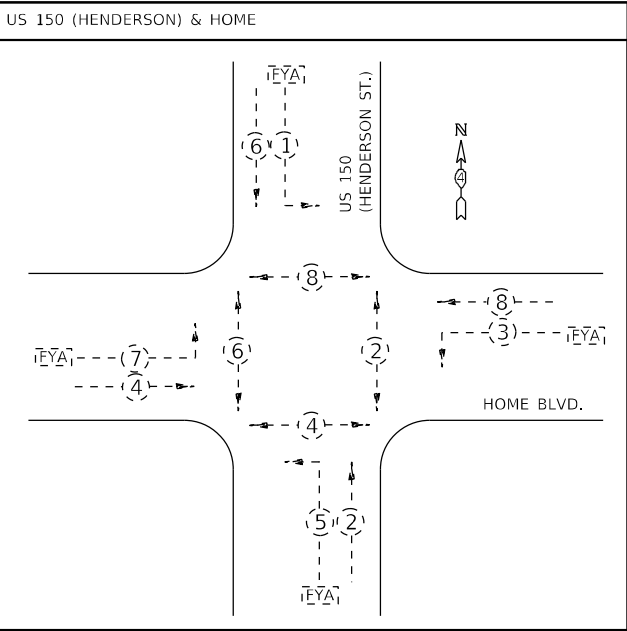


MODEL Default  
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FILE NAME: S:\ENR\W\W00DD\ESP\ANI\Hanson.dwg  
DATE: 8/22/2023



BILL OF MATERIALS		
US 150 (HENDERSON) & HOME		
ITEM DESCRIPTION	UNIT	QTY.
ACCESSIBLE PEDESTRIAN SIGNALS	EACH	8.0
PEDESTRIAN PUSH-BUTTON POST	EACH	2.0
UNDERGROUND CONDUIT, PVC, 1" DIA.	FOOT	5.0
DRILL EXISTING HANDHOLE	EACH	2.0
CONTROLLER CABINET TYPE IV	EACH	1.0
APS EXTENSION BRACKET	EACH	4.0
TRAFFIC SIGNAL BACKPLATE, RETROREFLECTIVE	EACH	6.0

APS SCHEDULE							
US 150 (HENDERSON) & HOME							
LABEL	LOCATION	INSTALLATION TYPE	MOUNTING BRACKET	CROSSING	WALK INDICATION	WIRING NOTES	NOTES
P1	NE QUAD	PROP. PEDESTRIAN	DUAL	HOME	SPEECH	RE-USE EXISTING WIRE (INSTALL IN PROP. CONDUIT)	PROP. CONDUIT FROM PROP. PUSHBUTTON POST TO EX. HANDHOLE
P2	NE QUAD	PUSHBUTTON POST	DUAL	HENDERSON	SPEECH		
P3	SE QUAD	EX. TS POST	DUAL*	HENDERSON	SPEECH	RE-USE EXISTING WIRE	
P4	SE QUAD		DUAL*	HOME	SPEECH		
P5	SW QUAD	EX. TS POST	DUAL*	COMMERCIAL DRIVEWAY	SPEECH	RE-USE EXISTING WIRE	
P6	SW QUAD		DUAL*	HENDERSON	SPEECH		
P7	NW QUAD	PROP. PEDESTRIAN PUSHBUTTON POST	DUAL	HENDERSON	SPEECH	RE-USE EXISTING WIRE (INSTALL IN PROP. CONDUIT)	PROP. CONDUIT FROM PROP. PUSHBUTTON POST TO EX. HANDHOLE
P8	NW QUAD		DUAL	COMMERCIAL DRIVEWAY	SPEECH		
* FURNISH AND INSTALL ONE APS EXTENSION BRACKET PER PUSHBUTTON							



THE CONTRACTOR SHALL FIELD VERIFY PHASE DIAGRAM PRIOR TO ORDERING PROPOSED CONTROLLER CABINET.

APS LEGEND	
	PROP. APS INSTALLED ON PROP. PEDESTRIAN PUSHBUTTON POST (NO FOUNDATION) ON EX. SIDEWALK, WITH ANCHOR BOLT SET, 1/2 DIAMETER, WITH WEDGE ANCHORS
	PROP. APS INSTALLED ON PROP. PEDESTRIAN PUSHBUTTON POST (NO FOUNDATION) ON EX. ISLAND SURFACE, WITH ANCHOR BOLT SET, 1/2 DIAMETER, WITH WEDGE ANCHORS
	PROP. APS INSTALLED ON PROP. PEDESTRIAN PUSHBUTTON POST (NO FOUNDATION) ON EX. SIDEWALK CURB, WITH ANCHOR BOLT SET 1/2 DIAMETER, WITH WEDGE ANCHORS
	PROP. APS INSTALLED ON PROP. PEDESTRIAN PUSHBUTTON POST (CONCRETE FOUNDATION)
	PROP. APS INSTALLED ON EX. MAST ARM STRAIN POLE
	PROP. APS INSTALLED ON EX. TRAFFIC SIGNAL POST OR LIGHT POLE
	PROP. APS INSTALLED ON EX. PEDESTRIAN PUSHBUTTON POST
	PROP. APS INSTALLED ON PROP. TRAFFIC SIGNAL POST

- NOTES:
- THE CONTRACTOR SHALL RELOCATE THE EXISTING BBS, LIGHTING CONTROLLER CABINET, DETECTION EQUIPMENT, CCTV EQUIPMENT, COMMUNICATIONS EQUIPMENT, ELECTRIC SERVICE, ETC. AND RE-INSTALL WITH THE PROPOSED CABINET. THE CONTRACTOR SHALL VERIFY THAT ALL EXISTING EQUIPMENT FUNCTIONS PROPERLY AFTER RE-INSTALLATION. THE COST OF THIS WORK SHALL BE INCLUDED IN THE BID PRICE OF THE CONTROLLER CABINET TYPE IV.
  - FOR SIGNAL HEADS THAT HAVE EXISTING BACKPLATES WITHOUT RETRO-REFLECTIVE SHEETING, THE CONTRACTOR SHALL REMOVE AND DISPOSE OF THE EXISTING BACKPLATE OFF OF THE JOB SITE AND INSTALL A NEW BACKPLATE WITH RETRO-REFLECTIVE SHEETING. THE COST OF THIS WORK WILL BE INCLUDED IN THE BID PRICE FOR THE "TRAFFIC SIGNAL BACKPLATE RETRO-REFLECTIVE."

GALESBURG TOWNSHIP  
40.970980, -90.383273

USER NAME = Trevor.Hanson	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 23,8272' * / in.	CHECKED -	REVISED -
PLOT DATE = 8/22/2023	DATE -	REVISED -

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

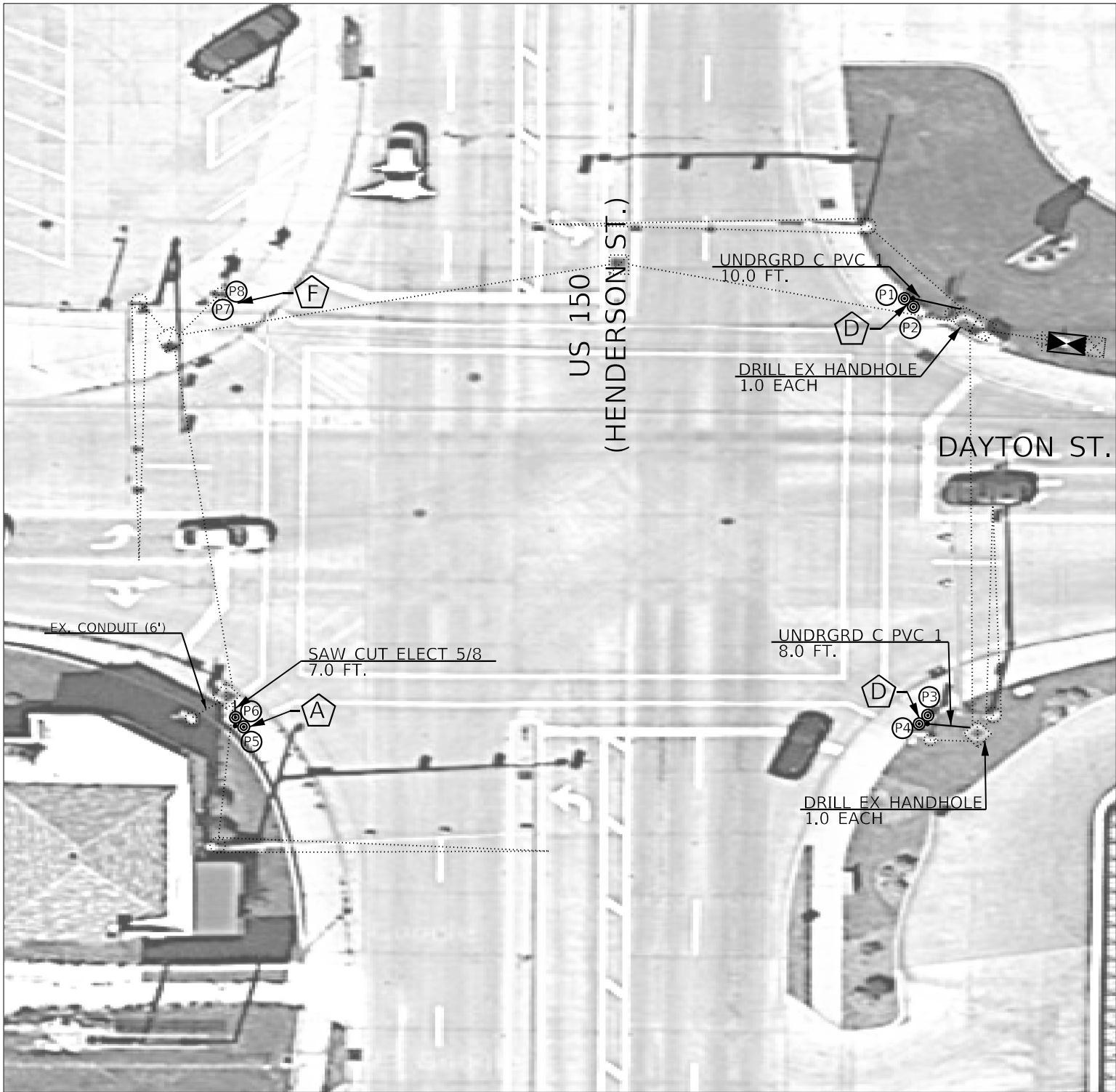
PROPOSED ACCESSIBLE PEDESTRIAN SIGNALS  
US 150 (HENDERSON ST.) & HOME BLVD. - GALESBURG

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR.	D4 ADA PUSHBUTTONS 2024-1	KNOX	76	26
CONTRACT NO. 68H77				
ILLINOIS FED. AID PROJECT				

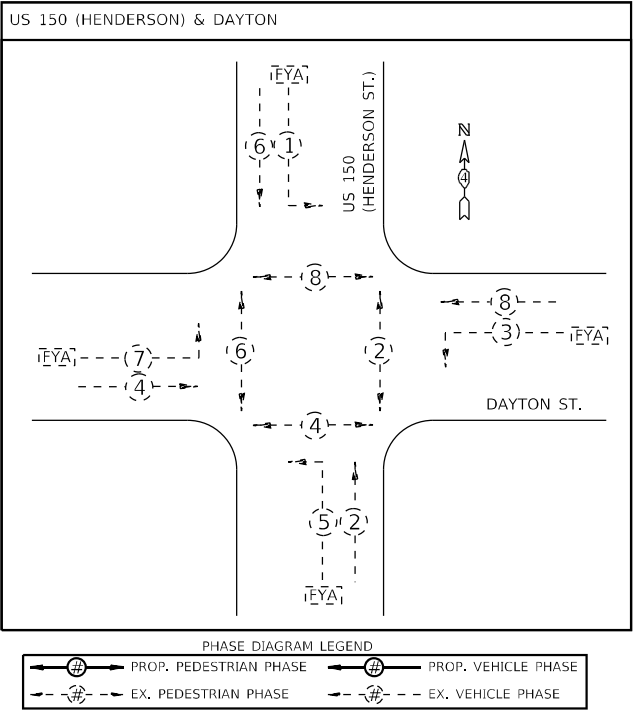
NOT TO SCALE





BILL OF MATERIALS		
US 150 (HENDERSON) & DAYTON		
ITEM DESCRIPTION	UNIT	QTY.
ACCESSIBLE PEDESTRIAN SIGNALS	EACH	8.0
PEDESTRIAN PUSH-BUTTON POST	EACH	2.0
PEDESTRIAN PUSH-BUTTON POST (NO FOUNDATION)	EACH	1.0
ANCHOR BOLT SET, 1/2 DIAMETER, WITH WEDGE ANCHORS	EACH	1.0
SAW CUT FOR ELECTRICAL CABLE INSTALLATION, 5/8"	FOOT	7.0
THHN WIRE ENCASED IN PVC TUBE, NO. 19/27 AWG	FOOT	57.0
TRAFFIC SIGNAL BACKPLATE, RETROREFLECTIVE	EACH	6.0
UNDERGROUND CONDUIT, PVC, 1" DIA.	FOOT	18.0
DRILL EXISTING HANDHOLE	EACH	2.0
CONTROLLER CABINET TYPE IV	EACH	1.0

APS SCHEDULE							
US 150 (HENDERSON) & DAYTON							
LABEL	LOCATION	INSTALLATION TYPE	MOUNTING BRACKET	CROSSING	WALK INDICATION	WIRING NOTES	NOTES
P1	NE QUAD	PROP. PEDESTRIAN	DUAL	DAYTON	SPEECH	RE-USE EXISTING WIRE (INSTALL IN PROP. CONDUIT)	PROP. CONDUIT FROM PROP. PUSHBUTTON POST TO EX. DOUBLE HANDHOLE
P2	NE QUAD	PUSHBUTTON POST	DUAL	HENDERSON	SPEECH		
P3	SE QUAD	EX. TS POST	DUAL	HENDERSON	SPEECH	RE-USE EXISTING WIRE	
P4	SE QUAD		DUAL	HOME	SPEECH		
P5	SW QUAD	PROP. PEDESTRIAN	DUAL	DAYTON	SPEECH	INSTALL NEW WIRE FROM APS TO EX. TS POST AND SPLICE WITH EX. WIRE IN TS POST BASE	PROP. SAW CUT FROM PROP. PUSHBUTTON POST TO EX. HANDHOLE
P6	SW QUAD	PUSHBUTTON POST (NO	DUAL	HENDERSON	SPEECH		
P7	NW QUAD	EX. TS POST	DUAL	HENDERSON	SPEECH	RE-USE EXISTING WIRE	
P8	NW QUAD		DUAL	DAYTON	SPEECH		



THE CONTRACTOR SHALL FIELD VERIFY PHASE DIAGRAM PRIOR TO ORDERING PROPOSED CONTROLLER CABINET.

APS LEGEND	
	PROP. APS INSTALLED ON PROP. PEDESTRIAN PUSHBUTTON POST (NO FOUNDATION) ON EX. SIDEWALK, WITH ANCHOR BOLT SET, 1/2 DIAMETER, WITH WEDGE ANCHORS
	PROP. APS INSTALLED ON PROP. PEDESTRIAN PUSHBUTTON POST (NO FOUNDATION) ON EX. ISLAND SURFACE, WITH ANCHOR BOLT SET, 1/2 DIAMETER, WITH WEDGE ANCHORS
	PROP. APS INSTALLED ON PROP. PEDESTRIAN PUSHBUTTON POST (NO FOUNDATION) ON EX. SIDEWALK CURB, WITH ANCHOR BOLT SET 1/2 DIAMETER, WITH WEDGE ANCHORS
	PROP. APS INSTALLED ON PROP. PEDESTRIAN PUSHBUTTON POST (CONCRETE FOUNDATION)
	PROP. APS INSTALLED ON EX. MAST ARM STRAIN POLE
	PROP. APS INSTALLED ON EX. TRAFFIC SIGNAL POST OR LIGHT POLE
	PROP. APS INSTALLED ON EX. PEDESTRIAN PUSHBUTTON POST
	PROP. APS INSTALLED ON PROP. TRAFFIC SIGNAL POST

- NOTES:
- THE CONTRACTOR SHALL RELOCATE THE EXISTING BBS, LIGHTING CONTROLLER CABINET, DETECTION EQUIPMENT, CCTV EQUIPMENT, COMMUNICATIONS EQUIPMENT, ELECTRIC SERVICE, ETC. AND RE-INSTALL WITH THE PROPOSED CABINET. THE CONTRACTOR SHALL VERIFY THAT ALL EXISTING EQUIPMENT FUNCTIONS PROPERLY AFTER RE-INSTALLATION. THE COST OF THIS WORK SHALL BE INCLUDED IN THE BID PRICE OF THE CONTROLLER CABINET TYPE IV.
  - FOR SIGNAL HEADS THAT HAVE EXISTING BACKPLATES WITHOUT RETRO-REFLECTIVE SHEETING, THE CONTRACTOR SHALL REMOVE AND DISPOSE OF THE EXISTING BACKPLATE OFF OF THE JOB SITE AND INSTALL A NEW BACKPLATE WITH RETRO-REFLECTIVE SHEETING. THE COST OF THIS WORK WILL BE INCLUDED IN THE BID PRICE FOR THE "TRAFFIC SIGNAL BACKPLATE RETRO-REFLECTIVE."

GALESBURG TOWNSHIP  
40.966062, -90.382866

MODEL: Default  
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USER NAME = Trevor.Hanson	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 23,8272' = 1 in.	CHECKED -	REVISED -
PLOT DATE = 8/22/2023	DATE -	REVISED -

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

PROPOSED ACCESSIBLE PEDESTRIAN SIGNALS US 150 (HENDERSON ST.) & DAYTON ST. - GALESBURG			
SCALE:	SHEET	OF	SHEETS
STA.	TO	STA.	TO

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR.	D4 ADA PUSHBUTTONS 2024-1	KNOX	76	27
CONTRACT NO. 68H77				
ILLINOIS FED. AID PROJECT				

NOT TO SCALE

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GALESBURG TOWNSHIP  
40.962073, -90.383048

USER NAME = Trevor.Hanson	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 23,8272' = 1" / 100'	CHECKED -	REVISED -
PLOT DATE = 8/22/2023	DATE -	REVISED -

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

PROPOSED ACCESSIBLE PEDESTRIAN SIGNALS  
US 150 (HENDERSON ST.) & FREMONT ST. - GALESBURG

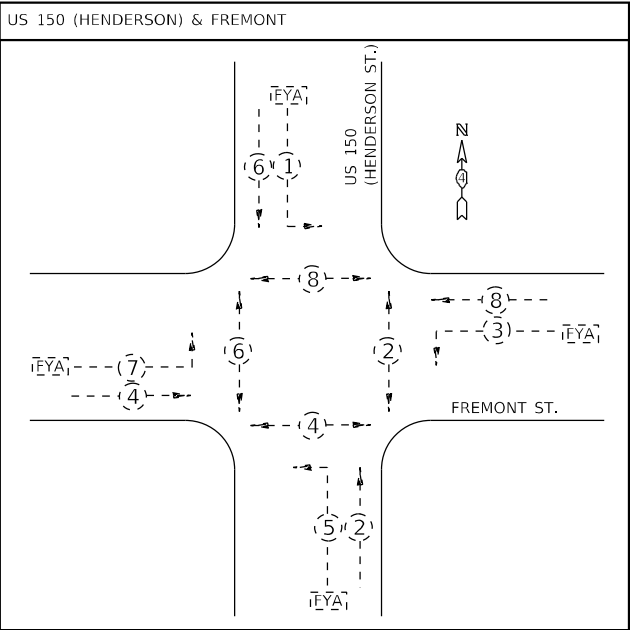
SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR.	D4 ADA PUSHBUTTONS 2024-1	KNOX	76	28
CONTRACT NO. 68H77				
ILLINOIS FED. AID PROJECT				

BILL OF MATERIALS		
US 150 (HENDERSON) & FREMONT		
ITEM DESCRIPTION	UNIT	QTY.
ACCESSIBLE PEDESTRIAN SIGNALS	EACH	8.0
PEDESTRIAN PUSH-BUTTON POST (NO FOUNDATION)	EACH	1.0
ANCHOR BOLT SET, 1/2 DIAMETER, WITH WEDGE ANCHORS	EACH	1.0
SAW CUT FOR ELECTRICAL CABLE INSTALLATION, 5/8"	FOOT	13.0
THHN WIRE ENCASED IN PVC TUBE, NO. 19/27 AWG	FOOT	140.0
CONTROLLER CABINET TYPE IV	EACH	1.0
APS EXTENSION BRACKET	EACH	2.0
TRAFFIC SIGNAL BACKPLATE, RETROREFLECTIVE	EACH	4.0

- NOTES:
- THE CONTRACTOR SHALL RELOCATE THE EXISTING LIGHTING CONTROLLER CABINET, DETECTION EQUIPMENT, CCTV EQUIPMENT, COMMUNICATIONS EQUIPMENT, ELECTRIC SERVICE, ETC. AND RE-INSTALL WITH THE PROPOSED CABINET. THE CONTRACTOR SHALL VERIFY THAT ALL EXISTING EQUIPMENT FUNCTIONS PROPERLY AFTER RE-INSTALLATION. THE COST OF THIS WORK SHALL BE INCLUDED IN THE BID PRICE OF THE CONTROLLER CABINET TYPE IV.

APS SCHEDULE							
US 150 (HENDERSON) & FREMONT							
LABEL	LOCATION	INSTALLATION TYPE	MOUNTING BRACKET	CROSSING	WALK INDICATION	WIRING NOTES	NOTES
P1	NE QUAD	EX. TS POST	DUAL	HENDERSON	SPEECH	RE-USE EXISTING WIRE	
P2	NE QUAD		DUAL	FREMONT	SPEECH		
P3	SE QUAD	PROP. PEDESTRIAN PUSHBUTTON POST (NO FOUNDATION)	DUAL	FREMONT	SPEECH	INSTALL NEW WIRE FROM APS TO CONTROLLER	PROP. SAW CUT FROM PROP. PUSHBUTTON POST TO EX. DOUBLE HANDHOLE
P4	SE QUAD		DUAL	HENDERSON	SPEECH		
P5	SW QUAD	EX. TS POST	DUAL	HENDERSON	SPEECH	RE-USE EXISTING WIRE	
P6	SW QUAD		DUAL	FREMONT	SPEECH		
P7	NW QUAD	EX. TS POST	DUAL*	FREMONT	SPEECH	RE-USE EXISTING WIRE	
P8	NW QUAD		DUAL*	HENDERSON	SPEECH		
* FURNISH AND INSTALL ONE APS EXTENSION BRACKET PER PUSHBUTTON							



PHASE DIAGRAM LEGEND			
	PROP. PEDESTRIAN PHASE		PROP. VEHICLE PHASE
	EX. PEDESTRIAN PHASE		EX. VEHICLE PHASE

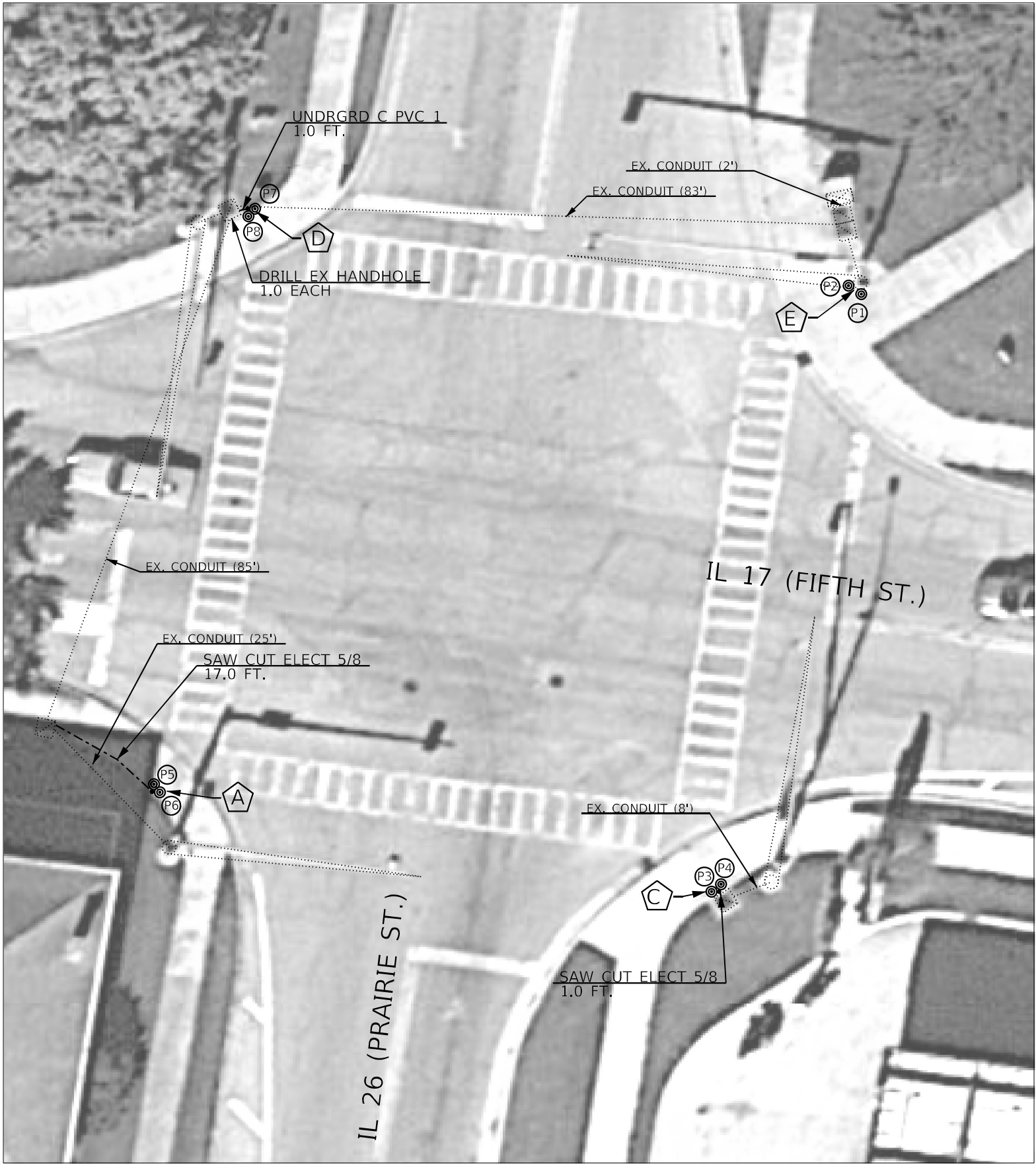
THE CONTRACTOR SHALL FIELD VERIFY PHASE DIAGRAM  
PRIOR TO ORDERING PROPOSED CONTROLLER CABINET.

APS LEGEND	
	PROP. APS INSTALLED ON PROP. PEDESTRIAN PUSHBUTTON POST (NO FOUNDATION) ON EX. SIDEWALK, WITH ANCHOR BOLT SET, 1/2 DIAMETER, WITH WEDGE ANCHORS
	PROP. APS INSTALLED ON PROP. PEDESTRIAN PUSHBUTTON POST (NO FOUNDATION) ON EX. ISLAND SURFACE, WITH ANCHOR BOLT SET, 1/2 DIAMETER, WITH WEDGE ANCHORS
	PROP. APS INSTALLED ON PROP. PEDESTRIAN PUSHBUTTON POST (NO FOUNDATION) ON EX. SIDEWALK CURB, WITH ANCHOR BOLT SET 1/2 DIAMETER, WITH WEDGE ANCHORS
	PROP. APS INSTALLED ON PROP. PEDESTRIAN PUSHBUTTON POST (CONCRETE FOUNDATION)
	PROP. APS INSTALLED ON EX. MAST ARM STRAIN POLE
	PROP. APS INSTALLED ON EX. TRAFFIC SIGNAL POST OR LIGHT POLE
	PROP. APS INSTALLED ON EX. PEDESTRIAN PUSHBUTTON POST
	PROP. APS INSTALLED ON PROP. TRAFFIC SIGNAL POST

NOT TO SCALE



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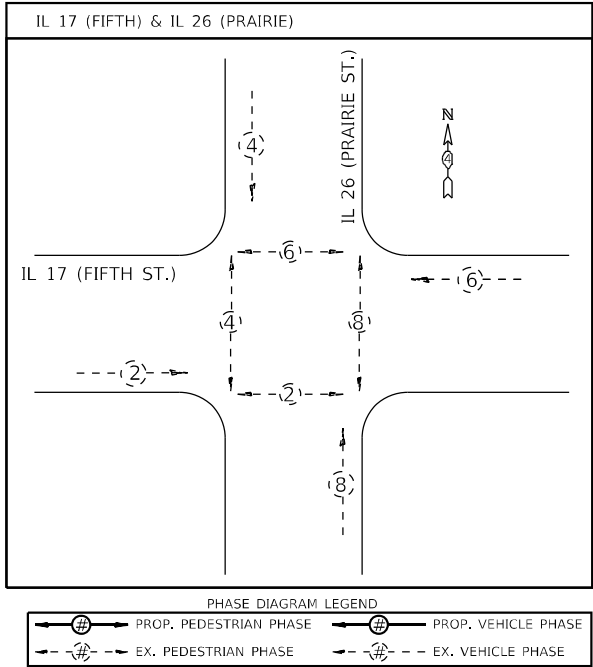


LACON TOWNSHIP  
41.024652, -89.408114



BILL OF MATERIALS		
IL 17 (FIFTH) & IL 26 (PRAIRIE)		
ITEM DESCRIPTION	UNIT	QTY.
ACCESSIBLE PEDESTRIAN SIGNALS	EACH	8.0
PEDESTRIAN PUSH-BUTTON POST	EACH	1.0
ANCHOR BOLT SET, 1/2 DIAMETER, WITH WEDGE ANCHORS	EACH	2.0
THHN WIRE ENCASED IN PVC TUBE, NO. 19/27 AWG	FOOT	328.0
SAW CUT FOR ELECTRICAL CABLE INSTALLATION, 5/8"	FOOT	18.0
UNDERGROUND CONDUIT, PVC, 1" DIA.	FOOT	1.0
ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 5C	FOOT	233.0
DRILL EXISTING HANDHOLE	EACH	1.0
APS EXTENSION BRACKET	EACH	4.0
PEDESTRIAN PUSH-BUTTON POST (NO FOUNDATION)	EACH	2.0
TRAFFIC SIGNAL BACKPLATE, RETROREFLECTIVE	EACH	4.0

APS SCHEDULE							
IL 17 (FIFTH) & IL 26 (PRAIRIE)							
LABEL	LOCATION	INSTALLATION TYPE	MOUNTING BRACKET	CROSSING	WALK INDICATION	WIRING NOTES	NOTES
P1	NE QUAD	EX. MAST ARM	DUAL*	PRAIRIE	SPEECH	RE-USE EXISTING WIRE	
P2	NE QUAD		DUAL*	FIFTH	SPEECH		
P3	SE QUAD	PROP. PEDESTRIAN PUSH-BUTTON POST (NO FOUNDATION)	DUAL	FIFTH	SPEECH	RE-USE EXISTING WIRE (INSTALL IN PROP. CONDUIT)	PROP. CONDUIT FROM PROP. PUSHBUTTON POST TO EX. HANDHOLE
P4	SE QUAD		DUAL	PRAIRIE	SPEECH		
P5	SW QUAD	PROP. PEDESTRIAN PUSH-BUTTON POST (NO FOUNDATION)	DUAL	PRAIRIE	SPEECH	INSTALL NEW WIRE FROM APS TO CONTROLLER	PROP. CONDUIT FROM PROP. PUSHBUTTON POST TO EX. MAST ARM
P6	SW QUAD		DUAL	FIFTH	SPEECH		
P7	NW QUAD	PROP. PEDESTRIAN PUSHBUTTON POST	DUAL*	FIFTH	SPEECH	RE-USE EXISTING WIRE (INSTALL IN PROP. CONDUIT)	PROP. CONDUIT FROM PROP. PUSHBUTTON POST TO EX. HANDHOLE
P8	NW QUAD		DUAL*	PRAIRIE	SPEECH		
* FURNISH AND INSTALL ONE APS EXTENSION BRACKET PER PUSHBUTTON							



APS LEGEND	
	PROP. APS INSTALLED ON PROP. PEDESTRIAN PUSHBUTTON POST (NO FOUNDATION) ON EX. SIDEWALK, WITH ANCHOR BOLT SET, 1/2 DIAMETER, WITH WEDGE ANCHORS
	PROP. APS INSTALLED ON PROP. PEDESTRIAN PUSHBUTTON POST (NO FOUNDATION) ON EX. ISLAND SURFACE, WITH ANCHOR BOLT SET, 1/2 DIAMETER, WITH WEDGE ANCHORS
	PROP. APS INSTALLED ON PROP. PEDESTRIAN PUSHBUTTON POST (NO FOUNDATION) ON EX. SIDEWALK CURB, WITH ANCHOR BOLT SET 1/2 DIAMETER, WITH WEDGE ANCHORS
	PROP. APS INSTALLED ON PROP. PEDESTRIAN PUSHBUTTON POST (CONCRETE FOUNDATION)
	PROP. APS INSTALLED ON EX. MAST ARM STRAIN POLE
	PROP. APS INSTALLED ON EX. TRAFFIC SIGNAL POST OR LIGHT POLE
	PROP. APS INSTALLED ON EX. PEDESTRIAN PUSHBUTTON POST
	PROP. APS INSTALLED ON PROP. TRAFFIC SIGNAL POST

NOT TO SCALE

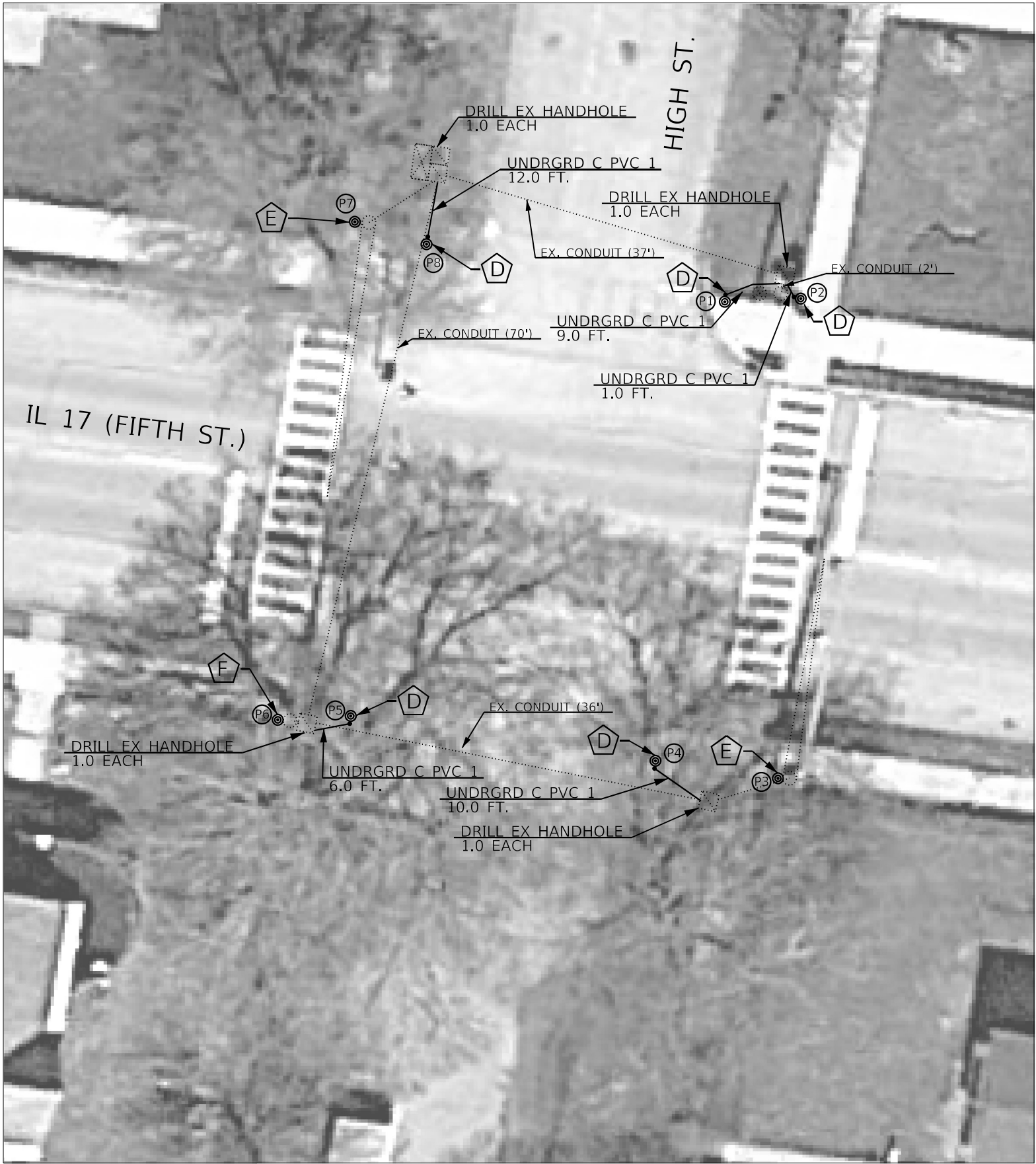
USER NAME = Trevor,Hanson	DESIGNED -	REVISED -
DRAWN -	REVISED -	
PLOT SCALE = 23,8272 * / in.	CHECKED -	REVISED -
PLOT DATE = 8/22/2023	DATE -	REVISED -

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

PROPOSED ACCESSIBLE PEDESTRIAN SIGNALS IL 17 (FIFTH ST.) & IL 26 (PRAIRIE ST.) - LACON			
SCALE:	SHEET	OF	SHEETS
STA.	TO	STA.	

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR.	D4 ADA PUSHBUTTONS 2024-1	MARSHALL	76	29
CONTRACT NO. 68H77				
ILLINOIS FED. AID PROJECT				

MODEL: Default  
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DATE: 8/22/2023

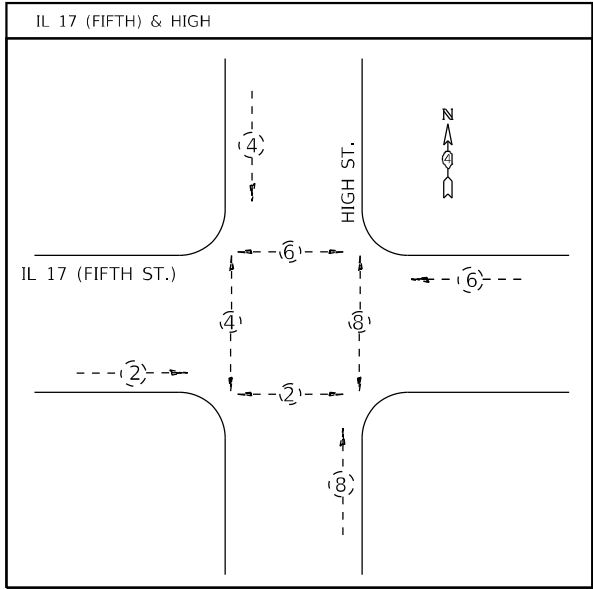


LACON TOWNSHIP  
41.024272, -89.405415



BILL OF MATERIALS		
IL 17 (FIFTH) & HIGH		
ITEM DESCRIPTION	UNIT	QTY.
ACCESSIBLE PEDESTRIAN SIGNALS	EACH	8.0
PEDESTRIAN PUSH-BUTTON POST	EACH	5.0
UNDERGROUND CONDUIT, PVC, 1" DIA.	FOOT	38.0
ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 5C	FOOT	364.0
DRILL EXISTING HANDHOLE	EACH	4.0
TRAFFIC SIGNAL BACKPLATE, RETROREFLECTIVE	EACH	2.0

APS SCHEDULE							
IL 17 (FIFTH) & HIGH							
LABEL	LOCATION	INSTALLATION TYPE	MOUNTING BRACKET	CROSSING	WALK INDICATION	WIRING NOTES	NOTES
P1	NE QUAD	PROP. PEDESTRIAN PUSHBUTTON POST	SINGLE	HIGH	SPEECH	INSTALL NEW WIRE FROM APS TO CONTROLLER	PROP. CONDUIT FROM PROP. PUSHBUTTON POST TO EX. HANDHOLE
P2	NE QUAD	PROP. PEDESTRIAN PUSHBUTTON POST	SINGLE	FIFTH	SPEECH	RE-USE EXISTING WIRE (INSTALL IN PROP. CONDUIT)	PROP. CONDUIT FROM PROP. PUSHBUTTON POST TO EX. HANDHOLE
P3	SE QUAD	EX. MAST ARM	SINGLE	FIFTH	TONE	RE-USE EXISTING WIRE	
P4	SE QUAD	PROP. PEDESTRIAN PUSHBUTTON POST	SINGLE	HIGH	TONE	INSTALL NEW WIRE FROM APS TO CONTROLLER	PROP. CONDUIT FROM PROP. PUSHBUTTON POST TO EX. HANDHOLE
P5	SW QUAD	PROP. PEDESTRIAN PUSHBUTTON POST	SINGLE	HIGH	SPEECH	INSTALL NEW WIRE FROM APS TO CONTROLLER	PROP. CONDUIT FROM PROP. PUSHBUTTON POST TO EX. HANDHOLE
P6	SW QUAD	EX. TS POST	SINGLE	FIFTH	SPEECH	RE-USE EXISTING WIRE	
P7	NW QUAD	EX. MAST ARM	SINGLE	FIFTH	SPEECH	RE-USE EXISTING WIRE	
P8	NW QUAD	PROP. PEDESTRIAN PUSHBUTTON POST	SINGLE	HIGH	SPEECH	INSTALL NEW WIRE FROM APS TO CONTROLLER	PROP. CONDUIT FROM PROP. PUSHBUTTON POST TO EX. DOUBLE HANDHOLE



PHASE DIAGRAM LEGEND			
	PROP. PEDESTRIAN PHASE		PROP. VEHICLE PHASE
	EX. PEDESTRIAN PHASE		EX. VEHICLE PHASE

#### APS LEGEND

- PROP. APS INSTALLED ON PROP. PEDESTRIAN PUSHBUTTON POST (NO FOUNDATION) ON EX. SIDEWALK, WITH ANCHOR BOLT SET, 1/2 DIAMETER, WITH WEDGE ANCHORS
- PROP. APS INSTALLED ON PROP. PEDESTRIAN PUSHBUTTON POST (NO FOUNDATION) ON EX. ISLAND SURFACE, WITH ANCHOR BOLT SET, 1/2 DIAMETER, WITH WEDGE ANCHORS
- PROP. APS INSTALLED ON PROP. PEDESTRIAN PUSHBUTTON POST (NO FOUNDATION) ON EX. SIDEWALK CURB, WITH ANCHOR BOLT SET 1/2 DIAMETER, WITH WEDGE ANCHORS
- PROP. APS INSTALLED ON PROP. PEDESTRIAN PUSHBUTTON POST (CONCRETE FOUNDATION)
- PROP. APS INSTALLED ON EX. MAST ARM STRAIN POLE
- PROP. APS INSTALLED ON EX. TRAFFIC SIGNAL POST OR LIGHT POLE
- PROP. APS INSTALLED ON EX. PEDESTRIAN PUSHBUTTON POST
- PROP. APS INSTALLED ON PROP. TRAFFIC SIGNAL POST

NOT TO SCALE

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

PROPOSED ACCESSIBLE PEDESTRIAN SIGNALS  
IL 17 (FIFTH ST.) & HIGH ST. - LACON

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR.	D4 ADA PUSHBUTTONS 2024-1	MARSHALL	76	30
CONTRACT NO. 68H77				
ILLINOIS FED. AID PROJECT				

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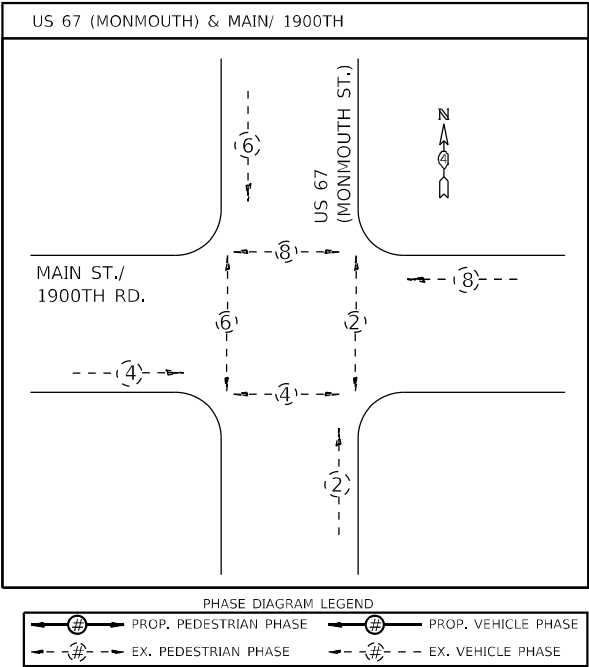


GOOD HOPE TOWNSHIP  
40.557668, -90.673519



BILL OF MATERIALS		
US 67 (MONMOUTH) & MAIN/ 1900TH		
ITEM DESCRIPTION	UNIT	QTY.
ACCESSIBLE PEDESTRIAN SIGNALS	EACH	8.0
APS EXTENSION BRACKET	EACH	4.0
TRAFFIC SIGNAL BACKPLATE, RETROREFLECTIVE	EACH	2.0

APS SCHEDULE							
US 67 (MONMOUTH) & MAIN/ 1900TH							
LABEL	LOCATION	INSTALLATION TYPE	MOUNTING BRACKET	CROSSING	WALK INDICATION	WIRING NOTES	NOTES
P1	NE QUAD	EX. TS POST	DUAL	MONMOUTH	SPEECH	RE-USE EXISTING WIRE	
P2	NE QUAD		DUAL	MAIN	SPEECH		
P3	SE QUAD	EX. MAST ARM	DUAL*	MAIN	SPEECH	RE-USE EXISTING WIRE	
P4	SE QUAD		DUAL*	MONMOUTH	SPEECH		
P5	SW QUAD	EX. TS POST	DUAL	MONMOUTH	SPEECH	RE-USE EXISTING WIRE	
P6	SW QUAD		DUAL	MAIN	SPEECH		
P7	NW QUAD	EX. MAST ARM	DUAL*	MAIN	SPEECH	RE-USE EXISTING WIRE	
P8	NW QUAD		DUAL*	MONMOUTH	SPEECH		
* FURNISH AND INSTALL ONE APS EXTENSION BRACKET PER PUSHBUTTON							



APS LEGEND	
	PROP. APS INSTALLED ON PROP. PEDESTRIAN PUSHBUTTON POST (NO FOUNDATION) ON EX. SIDEWALK, WITH ANCHOR BOLT SET, 1/2 DIAMETER, WITH WEDGE ANCHORS
	PROP. APS INSTALLED ON PROP. PEDESTRIAN PUSHBUTTON POST (NO FOUNDATION) ON EX. ISLAND SURFACE, WITH ANCHOR BOLT SET, 1/2 DIAMETER, WITH WEDGE ANCHORS
	PROP. APS INSTALLED ON PROP. PEDESTRIAN PUSHBUTTON POST (NO FOUNDATION) ON EX. SIDEWALK CURB, WITH ANCHOR BOLT SET 1/2 DIAMETER, WITH WEDGE ANCHORS
	PROP. APS INSTALLED ON PROP. PEDESTRIAN PUSHBUTTON POST (CONCRETE FOUNDATION)
	PROP. APS INSTALLED ON EX. MAST ARM STRAIN POLE
	PROP. APS INSTALLED ON EX. TRAFFIC SIGNAL POST OR LIGHT POLE
	PROP. APS INSTALLED ON EX. PEDESTRIAN PUSHBUTTON POST
	PROP. APS INSTALLED ON PROP. TRAFFIC SIGNAL POST

NOT TO SCALE

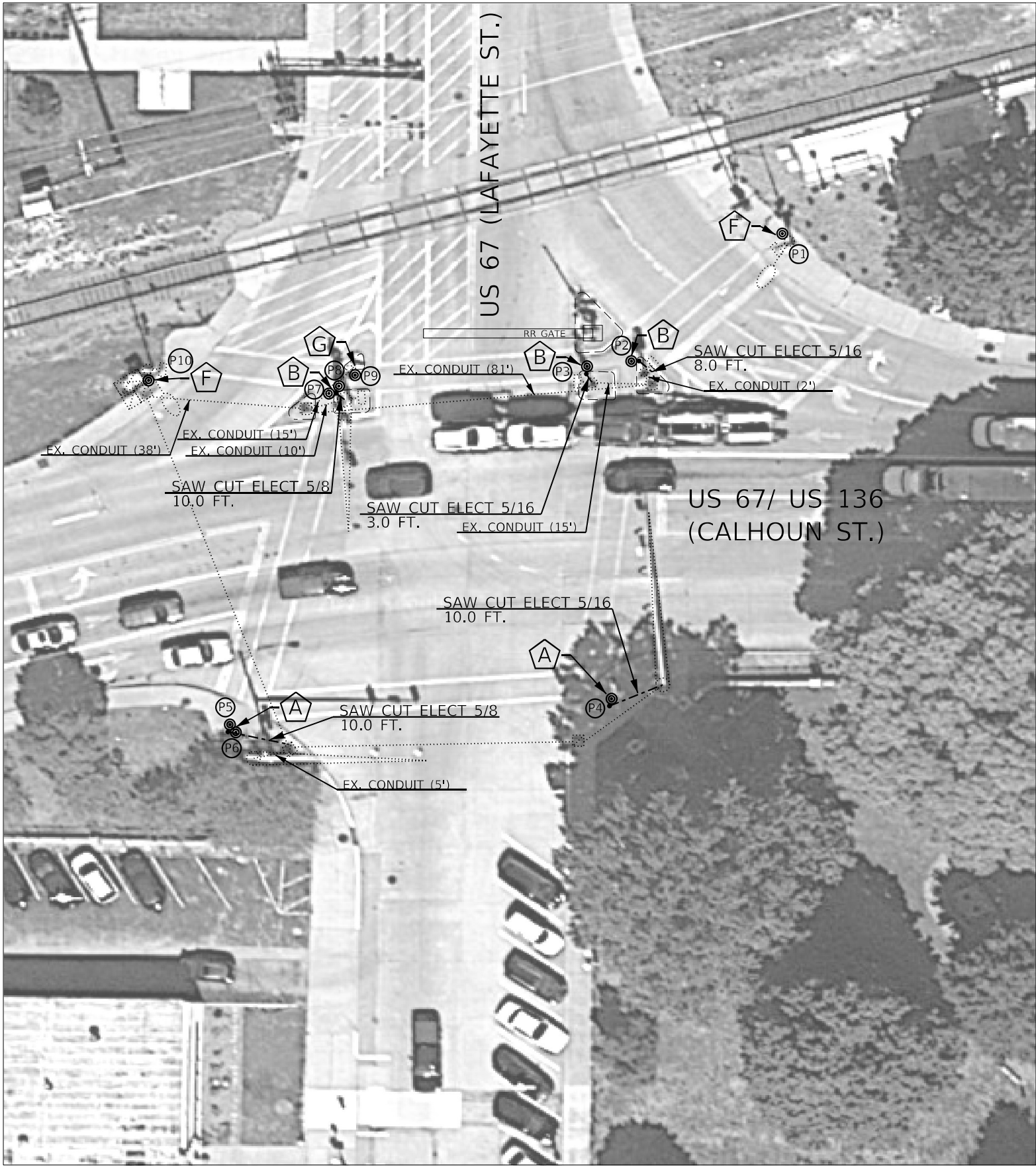
	USER NAME = Trevor,Hanson	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PROPOSED ACCESSIBLE PEDESTRIAN SIGNALS US 67 (MONMOUTH ST.) & MAIN ST./ 1900TH RD. - GOOD HOPE			F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.		
		DRAWN -	REVISED -					VAR.	D4 ADA PUSHBUTTONS 2024-1	MCDONOUGH	76	31		
	PLOT SCALE = 23,8272 ' / in.	CHECKED -	REVISED -		SCALE:			SHEET	OF	SHEETS	STA.	TO STA.	CONTRACT NO. 68H77	
	PLOT DATE = 8/22/2023	DATE -	REVISED -		ILLINOIS FED. AID PROJECT									







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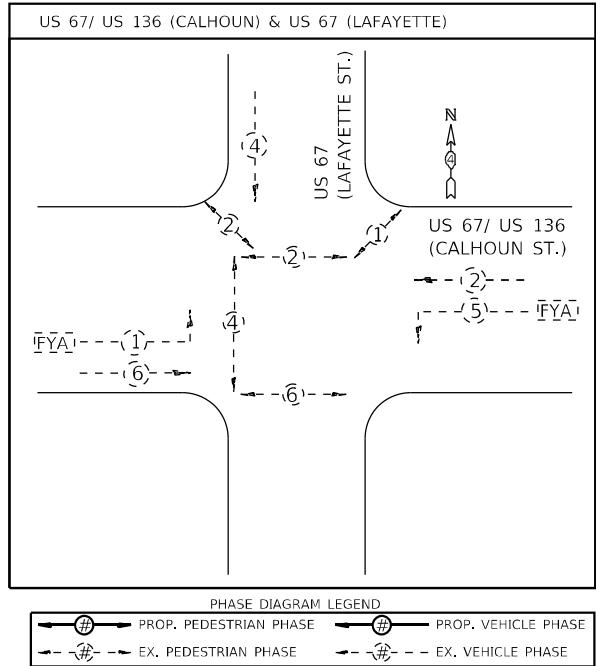


MACOMB TOWNSHIP  
40.461185, -90.671990



BILL OF MATERIALS		
US 67/ US 136 (CALHOUN) & US 67 (LAFAYETTE)		
ITEM DESCRIPTION	UNIT	QTY.
ACCESSIBLE PEDESTRIAN SIGNALS	EACH	10.0
PEDESTRIAN PUSH-BUTTON POST (NO FOUNDATION)	EACH	5.0
ANCHOR BOLT SET, 1/2 DIAMETER, WITH WEDGE ANCHORS	EACH	5.0
THHN WIRE ENCASED IN PVC TUBE, NO. 19/27 AWG	FOOT	311.0
SAW CUT FOR ELECTRICAL CABLE INSTALLATION, 5/16"	FOOT	21.0
SAW CUT FOR ELECTRICAL CABLE INSTALLATION, 5/8"	FOOT	20.0
RAILROAD PROTECTIVE LIABILITY INSURANCE	L SUM	0.5
APS EXTENSION BRACKET	EACH	1.0
TRAFFIC SIGNAL BACKPLATE, RETROREFLECTIVE	EACH	5.0

APS SCHEDULE							
US 67/ US 136 (CALHOUN) & US 67 (LAFAYETTE)							
LABEL	LOCATION	INSTALLATION TYPE	MOUNTING BRACKET	CROSSING	WALK INDICATION	WIRING NOTES	NOTES
P1	NE QUAD	EX. LIGHT POLE	SINGLE	CALHOUN RIGHT TURN LANES	TONE	RE-USE EXISTING WIRE	
P2	EB RT ISLAND	PROP. PEDESTRIAN PUSH-BUTTON POST (NO FOUNDATION)	SINGLE	CALHOUN RIGHT TURN LANES	TONE	INSTALL NEW WIRE FROM APS TO EX. TS POST AND SPLICE WITH EX. WIRE IN TS POST BASE	PROP. SAW CUT FROM PROP. PUSHBUTTON POST TO EX. HANDHOLE
P3	EB RT ISLAND	PROP. PEDESTRIAN PUSH-BUTTON POST (NO FOUNDATION)	SINGLE	LAFAYETTE	TONE	INSTALL NEW WIRE FROM APS TO CONTROLLER	PROP. SAW CUT FROM PROP. PUSHBUTTON POST TO EX. TS POST
P4	SE QUAD	PROP. PEDESTRIAN PUSH-BUTTON POST (NO FOUNDATION)	SINGLE	LAFAYETTE	TONE	INSTALL NEW WIRE FROM APS TO EX. MAST ARM AND SPLICE WITH EX. WIRE IN MAST ARM BASE	PROP. SAW CUT FROM PROP. PUSHBUTTON POST TO EX. MAST ARM
P5	SW QUAD	PROP. PEDESTRIAN PUSH-BUTTON POST (NO FOUNDATION)	DUAL	LAFAYETTE	SPEECH	INSTALL NEW WIRE FROM APS TO EX. MAST ARM AND SPLICE WITH EX. WIRE IN MAST ARM BASE	PROP. SAW CUT FROM PROP. PUSHBUTTON POST TO EX. HANDHOLE
P6	SW QUAD		DUAL	CALHOUN	SPEECH		
P7	SB RT ISLAND	PROP. PEDESTRIAN PUSH-BUTTON POST (NO FOUNDATION)	DUAL	CALHOUN	SPEECH	INSTALL NEW WIRE FROM APS TO CONTROLLER	PROP. SAW CUT FROM PROP. PUSHBUTTON POST TO EX. MAST ARM
P8	SB RT ISLAND		DUAL	LAFAYETTE RIGHT TURN LANE	SPEECH		
P9	SB RT ISLAND	EX. PEDESTRIAN PUSHBUTTON POST	SINGLE	LAFAYETTE	SPEECH	RE-USE EXISTING WIRE	
P10	NW QUAD	EX. LIGHT POLE	SINGLE*	LAFAYETTE RIGHT TURN LANE	TONE	RE-USE EXISTING WIRE	
* FURNISH AND INSTALL ONE APS EXTENSION BRACKET PER PUSHBUTTON							



#### APS LEGEND

- PROP. APS INSTALLED ON PROP. PEDESTRIAN PUSHBUTTON POST (NO FOUNDATION) ON EX. SIDEWALK, WITH ANCHOR BOLT SET, 1/2 DIAMETER, WITH WEDGE ANCHORS
- PROP. APS INSTALLED ON PROP. PEDESTRIAN PUSHBUTTON POST (NO FOUNDATION) ON EX. ISLAND SURFACE, WITH ANCHOR BOLT SET, 1/2 DIAMETER, WITH WEDGE ANCHORS
- PROP. APS INSTALLED ON PROP. PEDESTRIAN PUSHBUTTON POST (NO FOUNDATION) ON EX. SIDEWALK CURB, WITH ANCHOR BOLT SET 1/2 DIAMETER, WITH WEDGE ANCHORS
- PROP. APS INSTALLED ON PROP. PEDESTRIAN PUSHBUTTON POST (CONCRETE FOUNDATION)
- PROP. APS INSTALLED ON EX. MAST ARM STRAIN POLE
- PROP. APS INSTALLED ON EX. TRAFFIC SIGNAL POST OR LIGHT POLE
- PROP. APS INSTALLED ON EX. PEDESTRIAN PUSHBUTTON POST
- PROP. APS INSTALLED ON PROP. TRAFFIC SIGNAL POST

NOT TO SCALE

USER NAME = Trevor.Hanson	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 23,8272' * / in.	CHECKED -	REVISED -
PLOT DATE = 8/22/2023	DATE -	REVISED -

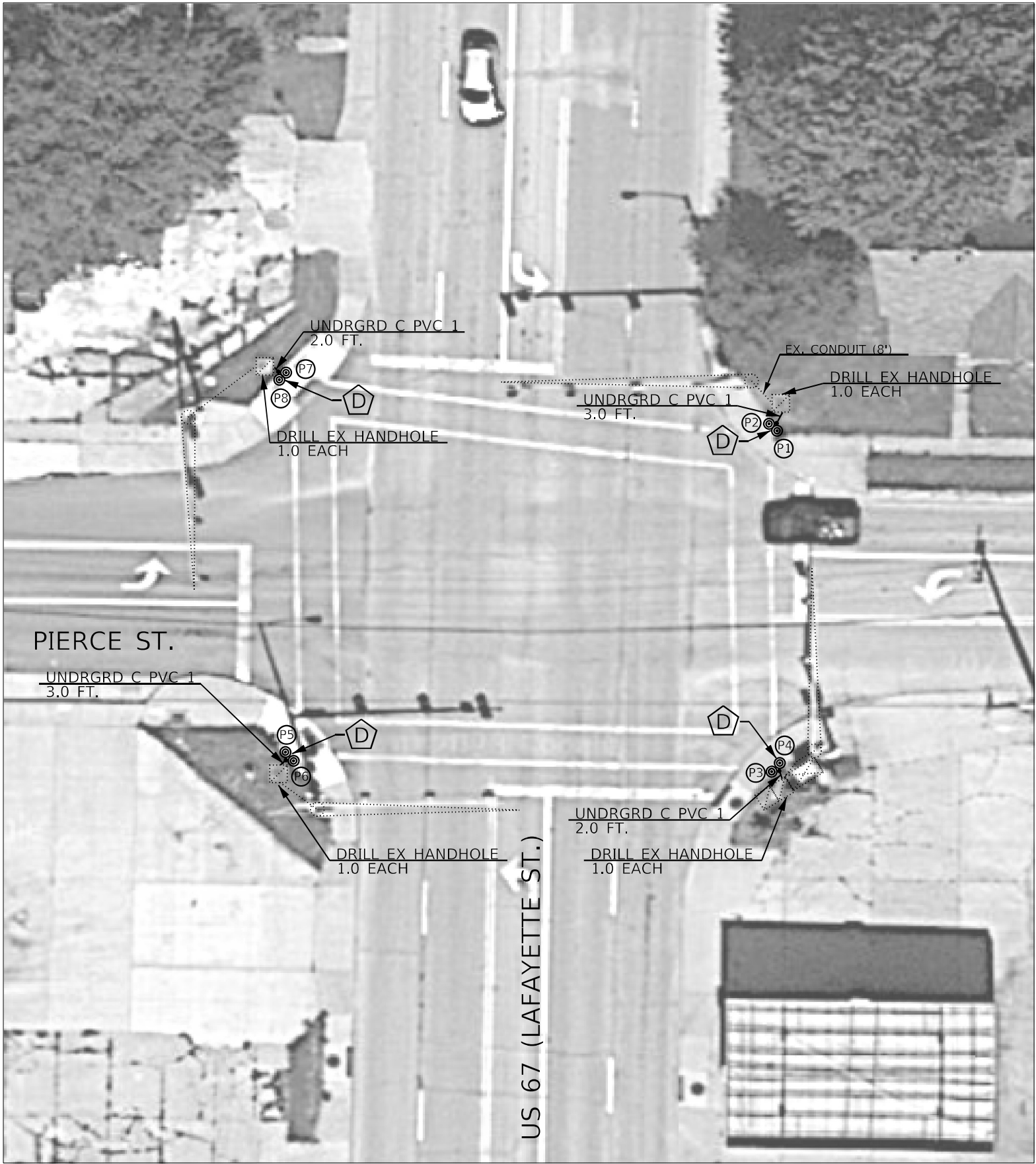
STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

PROPOSED ACCESSIBLE PEDESTRIAN SIGNALS  
US 67/US 136 (CALHOUN) & US 67 (LAFAYETTE) - MACOMB

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR.	D4 ADA PUSHBUTTONS 2024-1	MCDONOUGH	76	33
CONTRACT NO. 68H77				
ILLINOIS FED. AID PROJECT				

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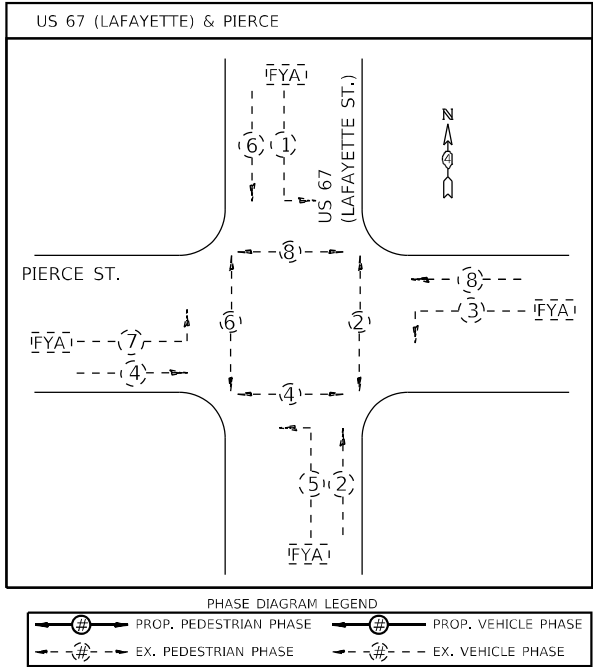


MACOMB TOWNSHIP  
40.464847, -90.671455



BILL OF MATERIALS		
US 67 (LAFAYETTE) & PIERCE		
ITEM DESCRIPTION	UNIT	QTY.
ACCESSIBLE PEDESTRIAN SIGNALS	EACH	8.0
PEDESTRIAN PUSH-BUTTON POST	EACH	4.0
UNDERGROUND CONDUIT, PVC, 1" DIA.	FOOT	10.0
DRILL EXISTING HANDHOLE	EACH	4.0
TRAFFIC SIGNAL BACKPLATE, RETROREFLECTIVE	EACH	6.0

APS SCHEDULE							
US 67 (LAFAYETTE) & PIERCE							
LABEL	LOCATION	INSTALLATION TYPE	MOUNTING BRACKET	CROSSING	WALK INDICATION	WIRING NOTES	NOTES
P1	NE QUAD	PROP. PEDESTRIAN	DUAL	LAFAYETTE	SPEECH	RE-USE EXISTING WIRE (INSTALL IN PROP. CONDUIT)	PROP. CONDUIT FROM PROP. PUSHBUTTON POST TO EX. HANDHOLE
P2	NE QUAD	PUSHBUTTON POST	DUAL	PIERCE	SPEECH		
P3	SE QUAD	PROP. PEDESTRIAN	DUAL	PIERCE	SPEECH	RE-USE EXISTING WIRE (INSTALL IN PROP. CONDUIT)	PROP. CONDUIT FROM PROP. PUSHBUTTON POST TO EX. HANDHOLE
P4	SE QUAD	PUSHBUTTON POST	DUAL	LAFAYETTE	SPEECH		
P5	SW QUAD	PROP. PEDESTRIAN	DUAL	LAFAYETTE	SPEECH	RE-USE EXISTING WIRE (INSTALL IN PROP. CONDUIT)	PROP. CONDUIT FROM PROP. PUSHBUTTON POST TO EX. HANDHOLE
P6	SW QUAD	PUSHBUTTON POST	DUAL	PIERCE	SPEECH		
P7	NW QUAD	PROP. PEDESTRIAN	DUAL	PIERCE	SPEECH	RE-USE EXISTING WIRE (INSTALL IN PROP. CONDUIT)	PROP. CONDUIT FROM PROP. PUSHBUTTON POST TO EX. HANDHOLE
P8	NW QUAD	PUSHBUTTON POST	DUAL	LAFAYETTE	SPEECH		



APS LEGEND

- PROP. APS INSTALLED ON PROP. PEDESTRIAN PUSHBUTTON POST (NO FOUNDATION) ON EX. SIDEWALK, WITH ANCHOR BOLT SET, 1/2 DIAMETER, WITH WEDGE ANCHORS
- PROP. APS INSTALLED ON PROP. PEDESTRIAN PUSHBUTTON POST (NO FOUNDATION) ON EX. ISLAND SURFACE, WITH ANCHOR BOLT SET, 1/2 DIAMETER, WITH WEDGE ANCHORS
- PROP. APS INSTALLED ON PROP. PEDESTRIAN PUSHBUTTON POST (NO FOUNDATION) ON EX. SIDEWALK CURB, WITH ANCHOR BOLT SET 1/2 DIAMETER, WITH WEDGE ANCHORS
- PROP. APS INSTALLED ON PROP. PEDESTRIAN PUSHBUTTON POST (CONCRETE FOUNDATION)
- PROP. APS INSTALLED ON EX. MAST ARM STRAIN POLE
- PROP. APS INSTALLED ON EX. TRAFFIC SIGNAL POST OR LIGHT POLE
- PROP. APS INSTALLED ON EX. PEDESTRIAN PUSHBUTTON POST
- PROP. APS INSTALLED ON PROP. TRAFFIC SIGNAL POST

NOT TO SCALE

	USER NAME = Trevor,Hanson	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PROPOSED ACCESSIBLE PEDESTRIAN SIGNALS US 67 (LAFAYETTE ST.) & PIERCE ST. - MACOMB				F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		DRAWN -	REVISED -						VAR.	D4 ADA PUSHBUTTONS 2024-1	MCDONOUGH	76	34
	PLOT SCALE = 23,8272 ' / in.	CHECKED -	REVISED -						CONTRACT NO. 68H77				
	PLOT DATE = 8/22/2023	DATE -	REVISED -						SCALE:	SHEET	OF	SHEETS	STA.

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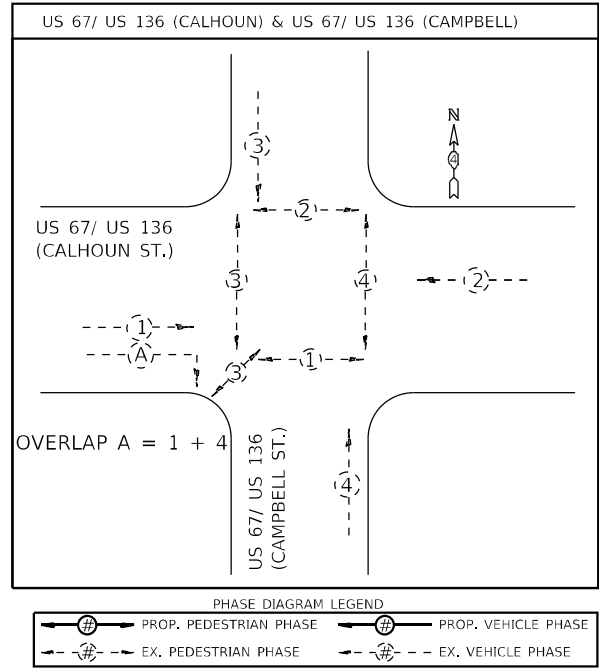


MACOMB TOWNSHIP  
40.461142, -90.668540



BILL OF MATERIALS		
US 67/ US 136 (CALHOUN) & US 67/ US 136 (CAMPBELL)		
ITEM DESCRIPTION	UNIT	QTY.
ACCESSIBLE PEDESTRIAN SIGNALS	EACH	10.0
PEDESTRIAN PUSH-BUTTON POST (NO FOUNDATION)	EACH	4.0
ANCHOR BOLT SET, 1/2 DIAMETER, WITH WEDGE ANCHORS	EACH	4.0
THHN WIRE ENCASED IN PVC TUBE, NO. 19/27 AWG	FOOT	304.0
SAW CUT FOR ELECTRICAL CABLE INSTALLATION, 5/16"	FOOT	26.0
SAW CUT FOR ELECTRICAL CABLE INSTALLATION, 5/8"	FOOT	16.0
ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 3C	FOOT	221.0
TRAFFIC SIGNAL BACKPLATE, RETROREFLECTIVE	EACH	5.0

APS SCHEDULE							
US 67/ US 136 (CALHOUN) & US 67/ US 136 (CAMPBELL)							
LABEL	LOCATION	INSTALLATION TYPE	MOUNTING BRACKET	CROSSING	WALK INDICATION	WIRING NOTES	NOTES
P1	NE QUAD	EX. MAST ARM	DUAL	CAMPBELL	SPEECH	RE-USE EXISTING WIRE	
P2	NE QUAD		DUAL	CALHOUN	SPEECH		
P3	SE QUAD	PROP. PEDESTRIAN PUSHBUTTON POST (NO FOUNDATION)	SINGLE	CALHOUN	TONE	INSTALL NEW WIRE FROM APS TO EX. MAST ARM AND SPLICE WITH EX. WIRE IN MAST ARM BASE	PROP. SAW CUT FROM PROP. PUSHBUTTON POST TO EX. HANDHOLE
P4	SE QUAD	EX. MAST ARM	SINGLE	CAMPBELL	TONE	RE-USE EXISTING WIRE	
P5	EB RT ISLAND	EX. PEDESTRIAN PUSHBUTTON POST	DUAL	CAMPBELL	SPEECH	RE-USE EXISTING WIRE	
P6	EB RT ISLAND		DUAL	CALHOUN RIGHT TURN LANE	SPEECH		
P7	EB RT ISLAND	PROP. PEDESTRIAN PUSHBUTTON POST (NO FOUNDATION)	SINGLE	CALHOUN	TONE	INSTALL NEW WIRE FROM APS TO CONTROLLER	PROP. SAW CUT FROM PROP. PUSHBUTTON POST TO EX. HANDHOLE
P8	SW QUAD	PROP. PEDESTRIAN PUSHBUTTON POST (NO FOUNDATION)	SINGLE	CALHOUN RIGHT TURN LANE	TONE	INSTALL NEW WIRE FROM APS TO EX. LIGHT POLE AND SPLICE WITH EX. WIRE IN LIGHT POLE BASE	PROP. SAW CUT FROM PROP. PUSHBUTTON POST TO EX. HANDHOLE
P9	NW QUAD	PROP. PEDESTRIAN PUSHBUTTON POST (NO FOUNDATION)	DUAL	CALHOUN	SPEECH	INSTALL NEW WIRE FROM APS TO EX. MAST ARM AND SPLICE WITH EX. WIRE IN MAST ARM BASE	PROP. SAW CUT FROM PROP. PUSHBUTTON POST TO EX. HANDHOLE
P10	NW QUAD		DUAL	CAMPBELL	SPEECH		



APS LEGEND	
	PROP. APS INSTALLED ON PROP. PEDESTRIAN PUSHBUTTON POST (NO FOUNDATION) ON EX. SIDEWALK, WITH ANCHOR BOLT SET, 1/2 DIAMETER, WITH WEDGE ANCHORS
	PROP. APS INSTALLED ON PROP. PEDESTRIAN PUSHBUTTON POST (NO FOUNDATION) ON EX. ISLAND SURFACE, WITH ANCHOR BOLT SET, 1/2 DIAMETER, WITH WEDGE ANCHORS
	PROP. APS INSTALLED ON PROP. PEDESTRIAN PUSHBUTTON POST (NO FOUNDATION) ON EX. SIDEWALK CURB, WITH ANCHOR BOLT SET 1/2 DIAMETER, WITH WEDGE ANCHORS
	PROP. APS INSTALLED ON PROP. PEDESTRIAN PUSHBUTTON POST (CONCRETE FOUNDATION)
	PROP. APS INSTALLED ON EX. MAST ARM STRAIN POLE
	PROP. APS INSTALLED ON EX. TRAFFIC SIGNAL POST OR LIGHT POLE
	PROP. APS INSTALLED ON EX. PEDESTRIAN PUSHBUTTON POST
	PROP. APS INSTALLED ON PROP. TRAFFIC SIGNAL POST

NOT TO SCALE

USER NAME = Trevor.Hanson	DESIGNED -	REVISED -
DRAWN -	REVISD -	
PLOT SCALE = 23,8272' * / in.	CHECKED -	REVISED -
PLOT DATE = 8/22/2023	DATE -	REVISED -

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

PROPOSED ACCESSIBLE PEDESTRIAN SIGNALS			
US 67/US 136 (CALHOUN) & US 67/US 136 (CAMPBELL)-MACOMB			
SCALE:	SHEET	OF SHEETS	STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR.	D4 ADA PUSHBUTTONS 2024-1	MCDONOUGH	76	35
CONTRACT NO. 68H77				
ILLINOIS FED. AID PROJECT				

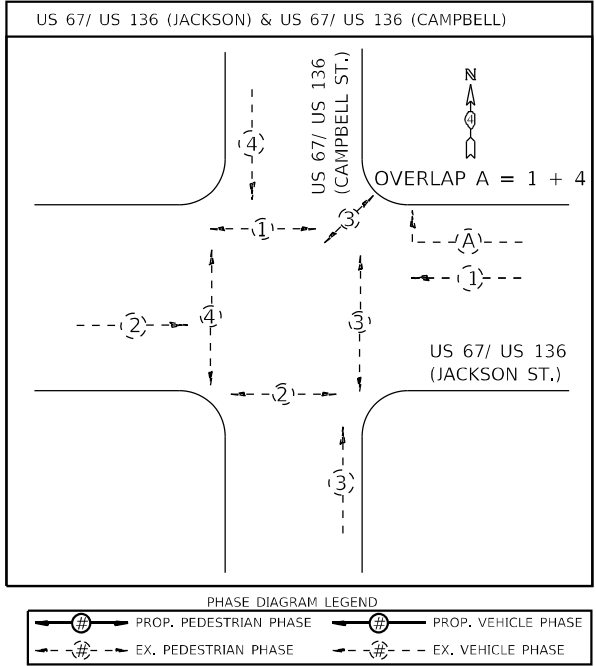


MODEL: Default  
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BILL OF MATERIALS		
US 67/ US 136 (JACKSON) & US 67/ US 136 (CAMPBELL)		
ITEM DESCRIPTION	UNIT	QTY.
ACCESSIBLE PEDESTRIAN SIGNALS	EACH	10.0
PEDESTRIAN PUSH-BUTTON POST (NO FOUNDATION)	EACH	3.0
ANCHOR BOLT SET, 1/2 DIAMETER, WITH WEDGE ANCHORS	EACH	3.0
SAW CUT FOR ELECTRICAL CABLE INSTALLATION, 5/16"	FOOT	38.0
THHN WIRE ENCASED IN PVC TUBE, NO. 19/27 AWG	FOOT	388.0

APS SCHEDULE							
US 67/ US 136 (JACKSON) & US 67/ US 136 (CAMPBELL)							
LABEL	LOCATION	INSTALLATION TYPE	MOUNTING BRACKET	CROSSING	WALK INDICATION	WIRING NOTES	NOTES
P1	WB RT ISLAND	PROP. PEDESTRIAN PUSHBUTTON POST (NO FOUNDATION)	SINGLE	CAMPBELL	TONE	INSTALL NEW WIRE FROM APS TO CONTROLLER	PROP. SAW CUT FROM PROP. PUSHBUTTON POST TO EX. HANDHOLE
P2	WB RT ISLAND	EX. PEDESTRIAN PUSHBUTTON POST	SINGLE	JACKSON	TONE	RE-USE EXISTING WIRE	
P3	NE QUAD	PROP. PEDESTRIAN PUSHBUTTON POST (NO FOUNDATION)	SINGLE	JACKSON RIGHT TURN LANES	TONE	INSTALL NEW WIRE FROM APS TO CONTROLLER	PROP. SAW CUT FROM PROP. PUSHBUTTON POST TO EX. DOUBLE HANDHOLE
P4	SE QUAD	EX. PEDESTRIAN PUSHBUTTON POST	DUAL	CAMPBELL	SPEECH	RE-USE EXISTING WIRE	
P5	SE QUAD	PUSHBUTTON POST	DUAL	JACKSON	SPEECH	RE-USE EXISTING WIRE	
P6	SW QUAD	EX. PEDESTRIAN PUSHBUTTON POST	DUAL	JACKSON	SPEECH	RE-USE EXISTING WIRE	
P7	SW QUAD	PUSHBUTTON POST	DUAL	CAMPBELL	SPEECH	RE-USE EXISTING WIRE	
P8	NW QUAD	EX. PEDESTRIAN PUSHBUTTON POST	DUAL	CAMPBELL	SPEECH	RE-USE EXISTING WIRE	
P9	NW QUAD	PUSHBUTTON POST	DUAL	JACKSON	SPEECH	RE-USE EXISTING WIRE	
P10	WB RT ISLAND	PROP. PEDESTRIAN PUSHBUTTON POST (NO FOUNDATION)	SINGLE	JACKSON RIGHT TURN LANES	TONE	INSTALL NEW WIRE FROM APS TO CONTROLLER	PROP. SAW CUT FROM PROP. PUSHBUTTON POST TO EX. HANDHOLE



APS LEGEND	
	PROP. APS INSTALLED ON PROP. PEDESTRIAN PUSHBUTTON POST (NO FOUNDATION) ON EX. SIDEWALK, WITH ANCHOR BOLT SET, 1/2 DIAMETER, WITH WEDGE ANCHORS
	PROP. APS INSTALLED ON PROP. PEDESTRIAN PUSHBUTTON POST (NO FOUNDATION) ON EX. ISLAND SURFACE, WITH ANCHOR BOLT SET, 1/2 DIAMETER, WITH WEDGE ANCHORS
	PROP. APS INSTALLED ON PROP. PEDESTRIAN PUSHBUTTON POST (NO FOUNDATION) ON EX. SIDEWALK CURB, WITH ANCHOR BOLT SET 1/2 DIAMETER, WITH WEDGE ANCHORS
	PROP. APS INSTALLED ON PROP. PEDESTRIAN PUSHBUTTON POST (CONCRETE FOUNDATION)
	PROP. APS INSTALLED ON EX. MAST ARM STRAIN POLE
	PROP. APS INSTALLED ON EX. TRAFFIC SIGNAL POST OR LIGHT POLE
	PROP. APS INSTALLED ON EX. PEDESTRIAN PUSHBUTTON POST
	PROP. APS INSTALLED ON PROP. TRAFFIC SIGNAL POST

NOT TO SCALE

STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PROPOSED ACCESSIBLE PEDESTRIAN SIGNALS		US 67/US 136 (JACKSON) & US 67/US 136 (CAMPBELL)-MACOMB		F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	SCALE:		SHEET OF SHEETS		VAR.		D4 ADA PUSHBUTTONS 2024-1	MCDONOUGH	76 36
	DATE		8/22/2023				ILLINOIS		FED. AID PROJECT
	DESIGNED -		REVISED -		DRAWN -		CHECKED -		CONTRACT NO. 68H77



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DATE: 8/22/2023

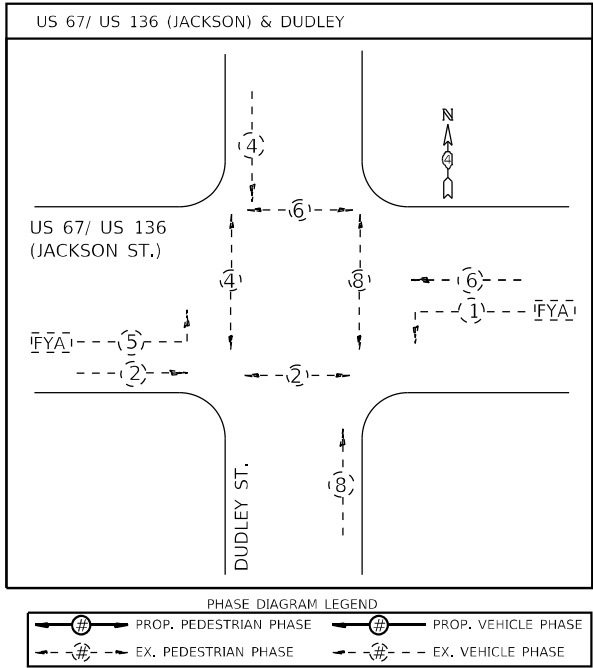


MACOMB TOWNSHIP  
40.458898, -90.667360



BILL OF MATERIALS		
US 67/ US 136 (JACKSON) & DUDLEY		
ITEM DESCRIPTION	UNIT	QTY.
ACCESSIBLE PEDESTRIAN SIGNALS	EACH	8.0
PEDESTRIAN PUSH-BUTTON POST (NO FOUNDATION)	EACH	4.0
ANCHOR BOLT SET, 1/2 DIAMETER, WITH WEDGE ANCHORS	EACH	4.0
THHN WIRE ENCASED IN PVC TUBE, NO. 19/27 AWG	FOOT	686.0
SAW CUT FOR ELECTRICAL CABLE INSTALLATION, 5/8"	FOOT	40.0
TRAFFIC SIGNAL BACKPLATE, RETROREFLECTIVE	EACH	1.0

APS SCHEDULE							
US 67/ US 136 (JACKSON) & DUDLEY							
LABEL	LOCATION	INSTALLATION TYPE	MOUNTING BRACKET	CROSSING	WALK INDICATION	WIRING NOTES	NOTES
P1	NE QUAD	PROP. PEDESTRIAN PUSHBUTTON POST (NO FOUNDATION)	DUAL	DUDLEY	SPEECH	INSTALL NEW WIRE FROM APS TO EX. MAST ARM AND SPLICE WITH EX. WIRE IN MAST ARM BASE	PROP. SAW CUT FROM PROP. PUSHBUTTON POST TO EX. HANDHOLE
P2	NE QUAD		DUAL	JACKSON	SPEECH		
P3	SE QUAD	PROP. PEDESTRIAN PUSHBUTTON POST (NO FOUNDATION)	DUAL	JACKSON	SPEECH	INSTALL NEW WIRE FROM APS TO EX. MAST ARM AND SPLICE WITH EX. WIRE IN MAST ARM BASE	PROP. SAW CUT FROM PROP. PUSHBUTTON POST TO EX. HANDHOLE
P4	SE QUAD		DUAL	DUDLEY	SPEECH		
P5	SW QUAD	PROP. PEDESTRIAN PUSHBUTTON POST (NO FOUNDATION)	DUAL	DUDLEY	SPEECH	INSTALL NEW WIRE FROM APS TO EX. MAST ARM AND SPLICE WITH EX. WIRE IN MAST ARM BASE	PROP. SAW CUT FROM PROP. PUSHBUTTON POST TO EX. HANDHOLE
P6	SW QUAD		DUAL	JACKSON	SPEECH		
P7	NW QUAD	PROP. PEDESTRIAN PUSHBUTTON POST (NO FOUNDATION)	DUAL	JACKSON	SPEECH	INSTALL NEW WIRE FROM APS TO CONTROLLER CABINET	PROP. SAW CUT FROM PROP. PUSHBUTTON POST TO EX. DOUBLE HANDHOLE
P8	NW QUAD		DUAL	DUDLEY	SPEECH		



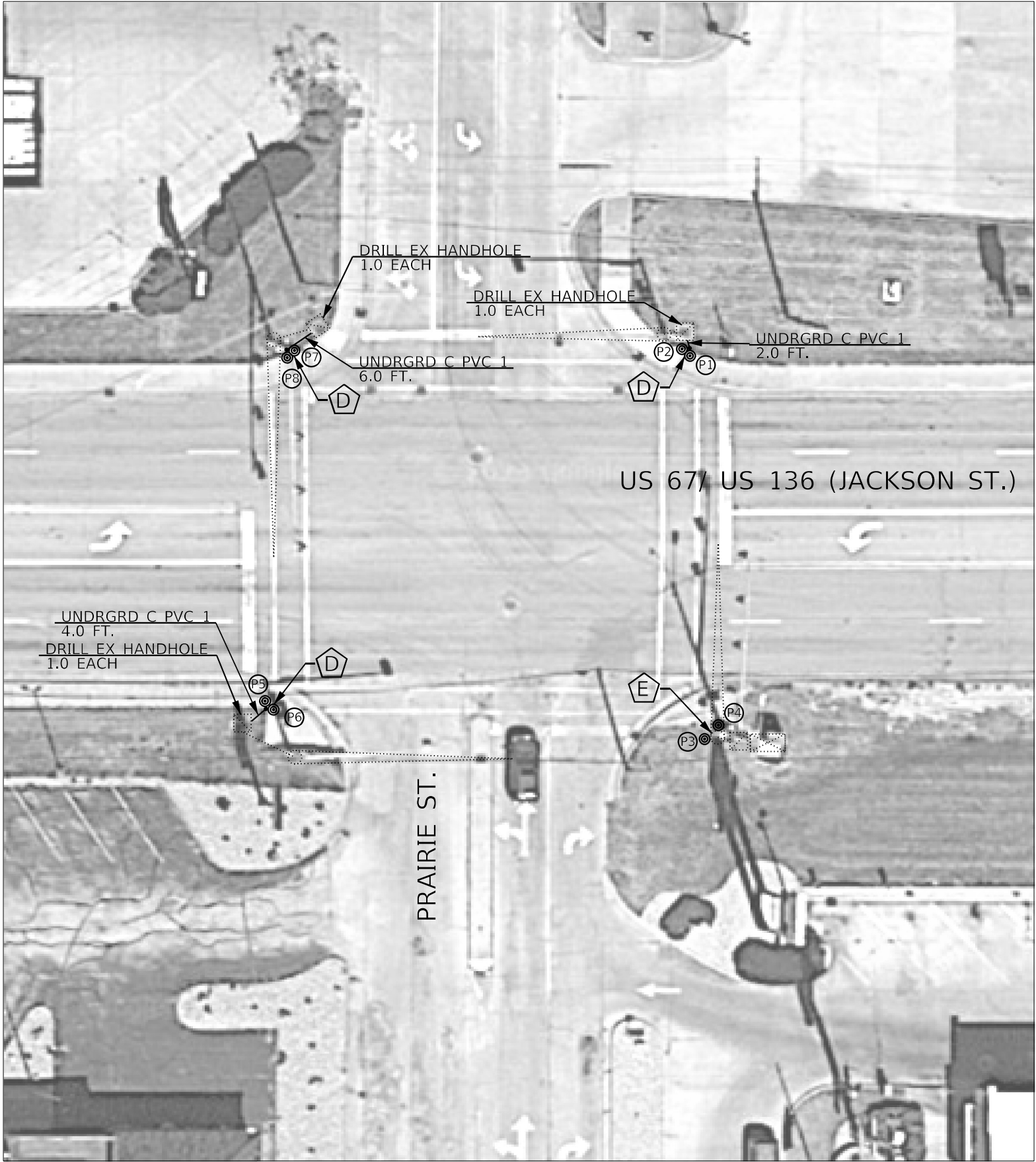
#### APS LEGEND

- PROP. APS INSTALLED ON PROP. PEDESTRIAN PUSHBUTTON POST (NO FOUNDATION) ON EX. SIDEWALK, WITH ANCHOR BOLT SET, 1/2 DIAMETER, WITH WEDGE ANCHORS
- PROP. APS INSTALLED ON PROP. PEDESTRIAN PUSHBUTTON POST (NO FOUNDATION) ON EX. ISLAND SURFACE, WITH ANCHOR BOLT SET, 1/2 DIAMETER, WITH WEDGE ANCHORS
- PROP. APS INSTALLED ON PROP. PEDESTRIAN PUSHBUTTON POST (NO FOUNDATION) ON EX. SIDEWALK CURB, WITH ANCHOR BOLT SET 1/2 DIAMETER, WITH WEDGE ANCHORS
- PROP. APS INSTALLED ON PROP. PEDESTRIAN PUSHBUTTON POST (CONCRETE FOUNDATION)
- PROP. APS INSTALLED ON EX. MAST ARM STRAIN POLE
- PROP. APS INSTALLED ON EX. TRAFFIC SIGNAL POST OR LIGHT POLE
- PROP. APS INSTALLED ON EX. PEDESTRIAN PUSHBUTTON POST
- PROP. APS INSTALLED ON PROP. TRAFFIC SIGNAL POST

NOT TO SCALE

STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION				PROPOSED ACCESSIBLE PEDESTRIAN SIGNALS US 67/ US 136 (JACKSON ST.) & DUDLEY ST. - MACOMB				NOT TO SCALE			
USER NAME = Trevor.Hanson		DESIGNED -	REVISED -	SCALE:		SHEET	OF	SHEETS	STA.	TO	STA.
DRAWN -		CHECKED -	REVISED -	F.A.P. RTE.		SECTION	COUNTY	TOTAL SHEETS	SHEET NO.		
PLOT SCALE = 23,8272' / in.		DATE -	REVISED -	VAR.		D4 ADA PUSHBUTTONS 2024-1	MCDONOUGH	76	37		
PLOT DATE = 8/22/2023										CONTRACT NO. 68H77	
										ILLINOIS FED. AID PROJECT	

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PROJECT: 08-22-23

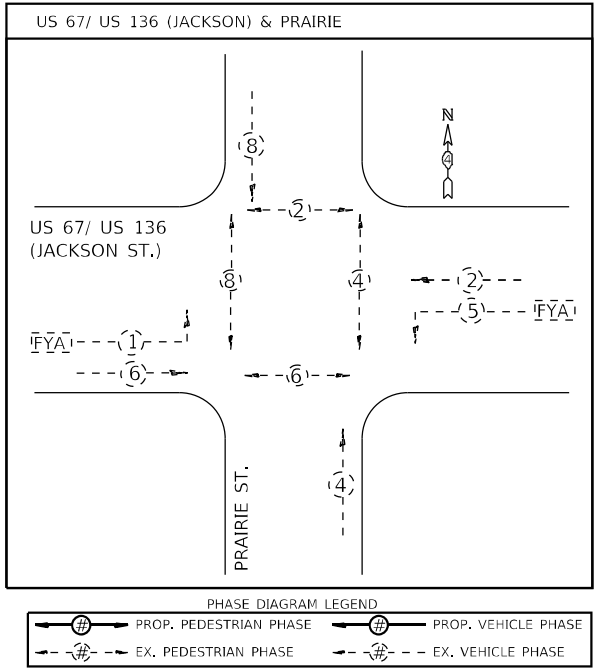


MACOMB TOWNSHIP  
40.458454, -90.652299



BILL OF MATERIALS		
US 67/ US 136 (JACKSON) & PRAIRIE		
ITEM DESCRIPTION	UNIT	QTY.
ACCESSIBLE PEDESTRIAN SIGNALS	EACH	8.0
PEDESTRIAN PUSH-BUTTON POST	EACH	3.0
UNDERGROUND CONDUIT, PVC, 1" DIA.	FOOT	12.0
DRILL EXISTING HANDHOLE	EACH	3.0
TRAFFIC SIGNAL BACKPLATE, RETROREFLECTIVE	EACH	4.0

APS SCHEDULE							
US 67/ US 136 (JACKSON) & PRAIRIE							
LABEL	LOCATION	INSTALLATION TYPE	MOUNTING BRACKET	CROSSING	WALK INDICATION	WIRING NOTES	NOTES
P1	NE QUAD	PROP. PEDESTRIAN	DUAL	PRAIRIE	SPEECH	RE-USE EXISTING WIRE (INSTALL IN PROP. CONDUIT)	PROP. CONDUIT FROM PROP. PUSHBUTTON POST TO EX. HANDHOLE
P2	NE QUAD	PUSHBUTTON POST	DUAL	JACKSON	SPEECH		
P3	SE QUAD	EX. MAST ARM	DUAL	JACKSON	SPEECH	RE-USE EXISTING WIRE	
P4	SE QUAD		DUAL	PRAIRIE	SPEECH		
P5	SW QUAD	PROP. PEDESTRIAN	DUAL	PRAIRIE	SPEECH	RE-USE EXISTING WIRE (INSTALL IN PROP. CONDUIT)	PROP. CONDUIT FROM PROP. PUSHBUTTON POST TO EX. HANDHOLE
P6	SW QUAD	PUSHBUTTON POST	DUAL	JACKSON	SPEECH		
P7	NW QUAD	PROP. PEDESTRIAN	DUAL	JACKSON	SPEECH	RE-USE EXISTING WIRE (INSTALL IN PROP. CONDUIT)	PROP. CONDUIT FROM PROP. PUSHBUTTON POST TO EX. HANDHOLE
P8	NW QUAD	PUSHBUTTON POST	DUAL	PRAIRIE	SPEECH		



APS LEGEND	
	PROP. APS INSTALLED ON PROP. PEDESTRIAN PUSHBUTTON POST (NO FOUNDATION) ON EX. SIDEWALK, WITH ANCHOR BOLT SET, 1/2 DIAMETER, WITH WEDGE ANCHORS
	PROP. APS INSTALLED ON PROP. PEDESTRIAN PUSHBUTTON POST (NO FOUNDATION) ON EX. ISLAND SURFACE, WITH ANCHOR BOLT SET, 1/2 DIAMETER, WITH WEDGE ANCHORS
	PROP. APS INSTALLED ON PROP. PEDESTRIAN PUSHBUTTON POST (NO FOUNDATION) ON EX. SIDEWALK CURB, WITH ANCHOR BOLT SET 1/2 DIAMETER, WITH WEDGE ANCHORS
	PROP. APS INSTALLED ON PROP. PEDESTRIAN PUSHBUTTON POST (CONCRETE FOUNDATION)
	PROP. APS INSTALLED ON EX. MAST ARM STRAIN POLE
	PROP. APS INSTALLED ON EX. TRAFFIC SIGNAL POST OR LIGHT POLE
	PROP. APS INSTALLED ON EX. PEDESTRIAN PUSHBUTTON POST
	PROP. APS INSTALLED ON PROP. TRAFFIC SIGNAL POST

NOT TO SCALE

	USER NAME = Trevor,Hanson	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PROPOSED ACCESSIBLE PEDESTRIAN SIGNALS US 67/ US 136 (JACKSON ST.) & PRAIRIE ST. - MACOMB				F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
		DRAWN -	REVISED -											
	PLOT SCALE = 23,8272 ' / in.	CHECKED -	REVISED -											
	PLOT DATE = 8/22/2023	DATE -	REVISED -		SCALE:	SHEET	OF	SHEETS	STA.	TO STA.	CONTRACT NO. 68H77			
					ILLINOIS								FED. AID PROJECT	

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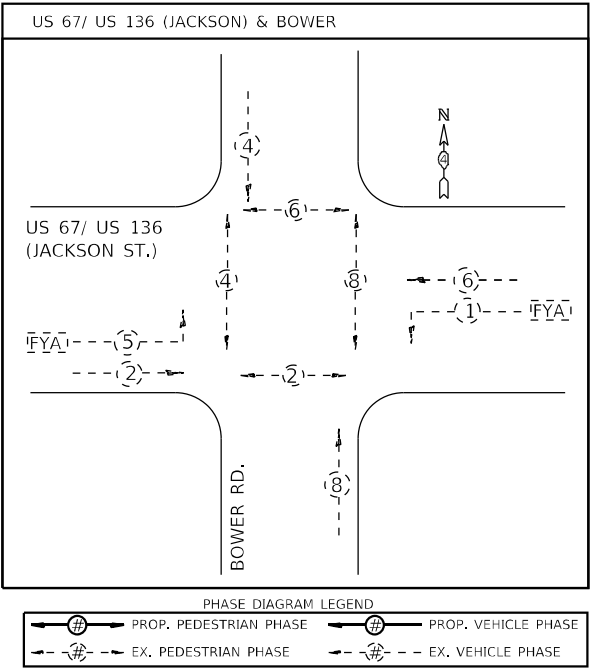


MACOMB TOWNSHIP  
40.458847, -90.637844



BILL OF MATERIALS		
US 67/ US 136 (JACKSON) & BOWER		
ITEM DESCRIPTION	UNIT	QTY.
ACCESSIBLE PEDESTRIAN SIGNALS	EACH	8.0

AP5 SCHEDULE							
US 67/ US 136 (JACKSON) & BOWER							
LABEL	LOCATION	INSTALLATION TYPE	MOUNTING BRACKET	CROSSING	WALK INDICATION	WIRING NOTES	NOTES
P1	NE QUAD	EX. PEDESTRIAN	DUAL	BOWER	SPEECH	RE-USE EXISTING WIRE	
P2	NE QUAD	PUSHBUTTON POST	DUAL	JACKSON	SPEECH		
P3	SE QUAD	EX. PEDESTRIAN	SINGLE	JACKSON	TONE	RE-USE EXISTING WIRE	
P4	SE QUAD	PUSHBUTTON POST					
P5	SW QUAD	EX. PEDESTRIAN	DUAL	BOWER	SPEECH	RE-USE EXISTING WIRE	
P6	SW QUAD	PUSHBUTTON POST	DUAL	JACKSON	SPEECH		
P7	NW QUAD	EX. PEDESTRIAN	DUAL	JACKSON	SPEECH	RE-USE EXISTING WIRE	
P8	NW QUAD	PUSHBUTTON POST	DUAL	BOWER	SPEECH		



APS LEGEND

- A PROP. APS INSTALLED ON PROP. PEDESTRIAN PUSHBUTTON POST (NO FOUNDATION) ON EX. SIDEWALK, WITH ANCHOR BOLT SET, 1/2 DIAMETER, WITH WEDGE ANCHORS
- B PROP. APS INSTALLED ON PROP. PEDESTRIAN PUSHBUTTON POST (NO FOUNDATION) ON EX. ISLAND SURFACE, WITH ANCHOR BOLT SET, 1/2 DIAMETER, WITH WEDGE ANCHORS
- C PROP. APS INSTALLED ON PROP. PEDESTRIAN PUSHBUTTON POST (NO FOUNDATION) ON EX. SIDEWALK CURB, WITH ANCHOR BOLT SET 1/2 DIAMETER, WITH WEDGE ANCHORS
- D PROP. APS INSTALLED ON PROP. PEDESTRIAN PUSHBUTTON POST (CONCRETE FOUNDATION)
- E PROP. APS INSTALLED ON EX. MAST ARM STRAIN POLE
- F PROP. APS INSTALLED ON EX. TRAFFIC SIGNAL POST OR LIGHT POLE
- G PROP. APS INSTALLED ON EX. PEDESTRIAN PUSHBUTTON POST
- H PROP. APS INSTALLED ON PROP. TRAFFIC SIGNAL POST

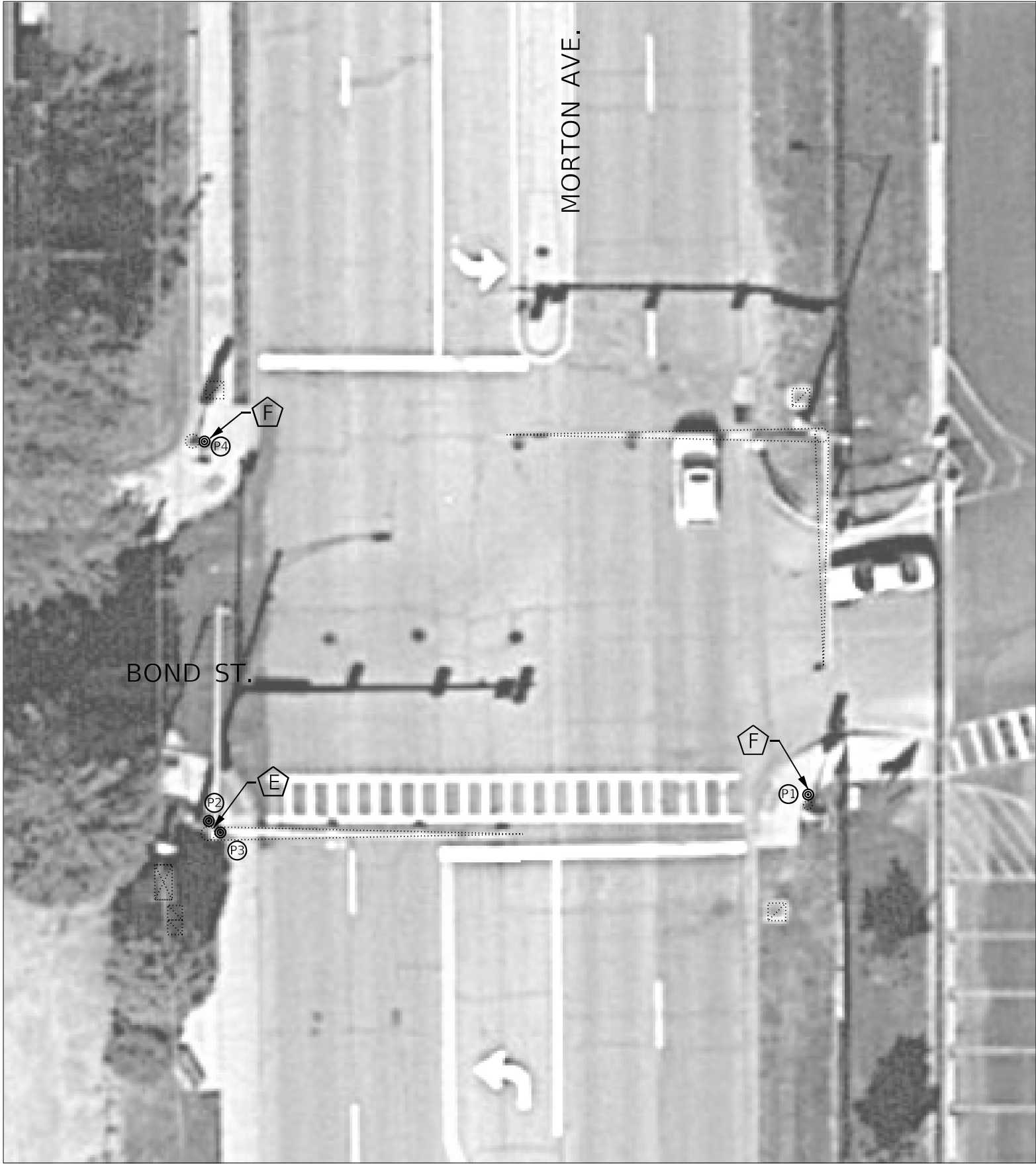
NOT TO SCALE

STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION				PROPOSED ACCESSIBLE PEDESTRIAN SIGNALS US 67/ US 136 (JACKSON ST.) & BOWER RD. - MACOMB				F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
				SCALE:      SHEET      OF      SHEETS      STA.      TO STA.				VAR.	D4 ADA PUSHBUTTONS 2024-1	MCDONOUGH	76	39
								CONTRACT NO. 68H77				
								ILLINOIS    FED. AID PROJECT				

USER NAME = Trevor.Hanson	DESIGNED -	REVISED -
DRAWN -	REVISD -	
PLOT SCALE = 23,8272 * / in.	CHECKED -	REVISED -
PLOT DATE = 8/22/2023	DATE -	REVISED -



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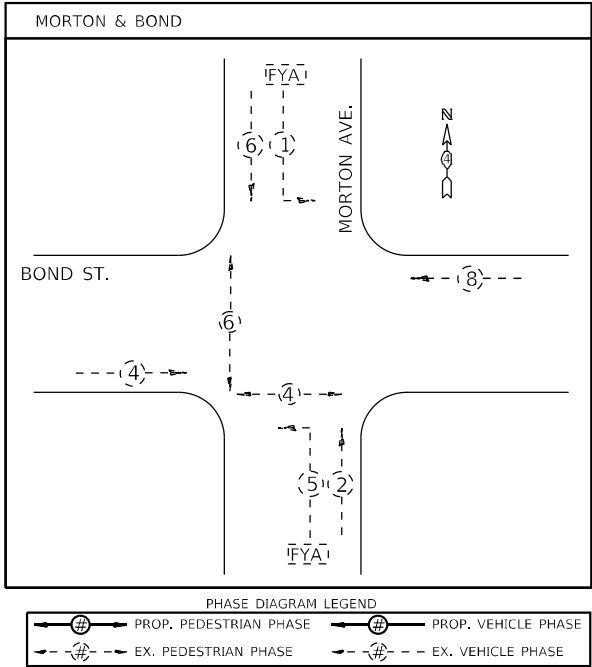
MORTON TOWNSHIP  
40.618161, -89.464515



BILL OF MATERIALS		
MORTON & BOND		
ITEM DESCRIPTION	UNIT	QTY.
ACCESSIBLE PEDESTRIAN SIGNALS	EACH	4.0
APS EXTENSION BRACKET	EACH	2.0
TRAFFIC SIGNAL BACKPLATE, RETROREFLECTIVE	EACH	2.0

APSSCHEDULE							
MORTON & BOND							
LABEL	LOCATION	INSTALLATION TYPE	MOUNTING BRACKET	CROSSING	WALK INDICATION	WIRING NOTES	NOTES
P1	SE QUAD	EX. TS POST	SINGLE	MORTON	tone	RE-USE EXISTING WIRE	
P2	SW QUAD	EX. MAST ARM	DUAL*	MORTON	SPEECH	RE-USE EXISTING WIRE	
P3	SW QUAD		DUAL*	BOND	SPEECH		
P4	NW QUAD	EX. TS POST	SINGLE	BOND	tone	RE-USE EXISTING WIRE	

\* FURNISH AND INSTALL ONE APS EXTENSION BRACKET PER PUSHBUTTON



APS LEGEND	
	PROP. APS INSTALLED ON PROP. PEDESTRIAN PUSHBUTTON POST (NO FOUNDATION) ON EX. SIDEWALK, WITH ANCHOR BOLT SET, 1/2 DIAMETER, WITH WEDGE ANCHORS
	PROP. APS INSTALLED ON PROP. PEDESTRIAN PUSHBUTTON POST (NO FOUNDATION) ON EX. ISLAND SURFACE, WITH ANCHOR BOLT SET, 1/2 DIAMETER, WITH WEDGE ANCHORS
	PROP. APS INSTALLED ON PROP. PEDESTRIAN PUSHBUTTON POST (NO FOUNDATION) ON EX. SIDEWALK CURB, WITH ANCHOR BOLT SET 1/2 DIAMETER, WITH WEDGE ANCHORS
	PROP. APS INSTALLED ON PROP. PEDESTRIAN PUSHBUTTON POST (CONCRETE FOUNDATION)
	PROP. APS INSTALLED ON EX. MAST ARM STRAIN POLE
	PROP. APS INSTALLED ON EX. TRAFFIC SIGNAL POST OR LIGHT POLE
	PROP. APS INSTALLED ON EX. PEDESTRIAN PUSHBUTTON POST
	PROP. APS INSTALLED ON PROP. TRAFFIC SIGNAL POST

NOT TO SCALE

	USER NAME = Trevor,Hanson	DESIGNED -	REVISED -
		DRAWN -	REVISED -
	PLOT SCALE = 23,8272' = 1 in.	CHECKED -	REVISED -
	PLOT DATE = 8/22/2023	DATE -	REVISED -

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

PROPOSED ACCESSIBLE PEDESTRIAN SIGNALS			
MORTON AVE. & BOND ST. - MORTON			
SCALE:	SHEET	OF SHEETS	STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR.	D4 ADA PUSHBUTTONS 2024-1	TAZEWELL	76	40
				CONTRACT NO. 68H77
		ILLINOIS	FED. AID PROJECT	





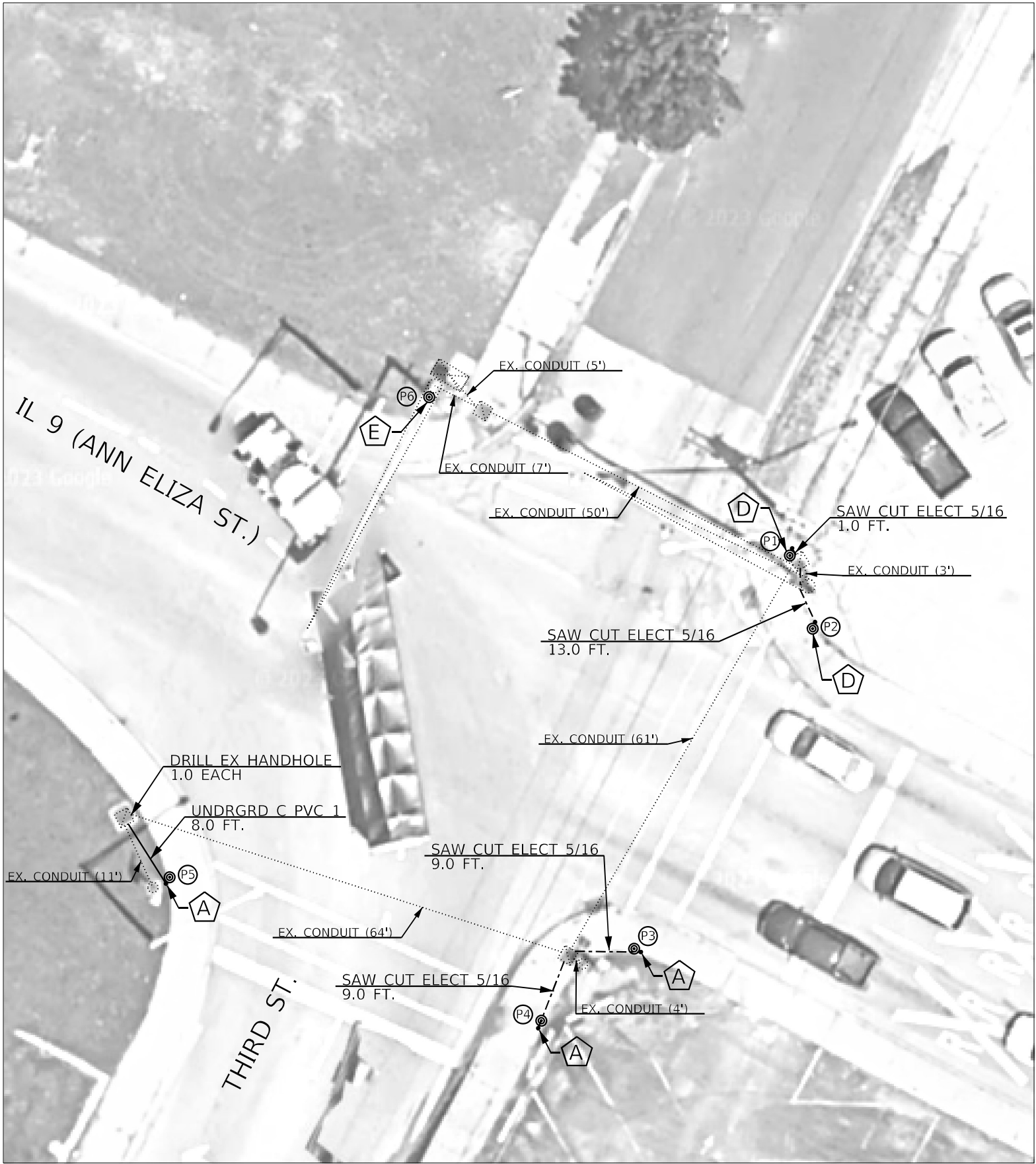








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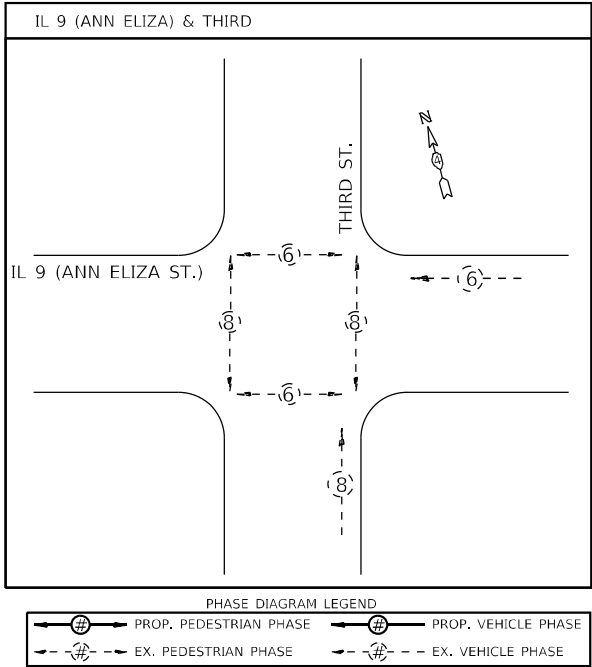


PEKIN TOWNSHIP  
40.571850, -89.648992



BILL OF MATERIALS		
IL 9 (ANN ELIZA) & THIRD		
ITEM DESCRIPTION	UNIT	QTY.
ACCESSIBLE PEDESTRIAN SIGNALS	EACH	6.0
PEDESTRIAN PUSH-BUTTON POST	EACH	2.0
ANCHOR BOLT SET, 1/2 DIAMETER, WITH WEDGE ANCHORS	EACH	3.0
THHN WIRE ENCASED IN PVC TUBE, NO. 19/27 AWG	FOOT	216.0
SAW CUT FOR ELECTRICAL CABLE INSTALLATION, 5/16"	FOOT	32.0
ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 3C	FOOT	256.5
ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 5C	FOOT	226.5
UNDERGROUND CONDUIT, PVC, 1" DIA.	FOOT	8.0
DRILL EXISTING HANDHOLE	EACH	1.0
APS EXTENSION BRACKET	EACH	1.0
PEDESTRIAN PUSH-BUTTON POST (NO FOUNDATION)	EACH	3.0

APS SCHEDULE							
IL 9 (ANN ELIZA) & THIRD							
LABEL	LOCATION	INSTALLATION TYPE	MOUNTING BRACKET	CROSSING	WALK INDICATION	WIRING NOTES	NOTES
P1	NE QUAD	PROP. PEDESTRIAN PUSHBUTTON POST	SINGLE	THIRD	TONE	INSTALL NEW WIRE FROM APS TO CONTROLLER	PROP. SAW CUT FROM PROP. PUSHBUTTON POST TO EX. HANDHOLE
P2	NE QUAD	PROP. PEDESTRIAN PUSHBUTTON POST	SINGLE	ANN ELIZA	TONE	INSTALL NEW WIRE FROM APS TO CONTROLLER	PROP. SAW CUT FROM PROP. PUSHBUTTON POST TO EX. HANDHOLE
P3	SE QUAD	PROP. PEDESTRIAN PUSHBUTTON POST (NO FOUNDATION)	SINGLE	ANN ELIZA	TONE	INSTALL NEW WIRE FROM APS TO CONTROLLER	PROP. SAW CUT FROM PROP. PUSHBUTTON POST TO EX. HANDHOLE
P4	SE QUAD	PROP. PEDESTRIAN PUSHBUTTON POST (NO FOUNDATION)	SINGLE	THIRD	TONE	INSTALL NEW WIRE FROM APS TO CONTROLLER	PROP. SAW CUT FROM PROP. PUSHBUTTON POST TO EX. HANDHOLE
P5	SW QUAD	PROP. PEDESTRIAN PUSHBUTTON POST (NO FOUNDATION)	SINGLE	THIRD	TONE	INSTALL NEW WIRE FROM APS TO CONTROLLER	PROP. CONDUIT FROM PROP. PUSHBUTTON POST TO EX. HANDHOLE
P6	SW QUAD	EX. MAST ARM	SINGLE*	THIRD	TONE	INSTALL NEW WIRE FROM APS TO CONTROLLER	
* FURNISH AND INSTALL ONE APS EXTENSION BRACKET PER PUSHBUTTON							



APS LEGEND	
A	PROP. APS INSTALLED ON PROP. PEDESTRIAN PUSHBUTTON POST (NO FOUNDATION) ON EX. SIDEWALK, WITH ANCHOR BOLT SET, 1/2 DIAMETER, WITH WEDGE ANCHORS
B	PROP. APS INSTALLED ON PROP. PEDESTRIAN PUSHBUTTON POST (NO FOUNDATION) ON EX. ISLAND SURFACE, WITH ANCHOR BOLT SET, 1/2 DIAMETER, WITH WEDGE ANCHORS
C	PROP. APS INSTALLED ON PROP. PEDESTRIAN PUSHBUTTON POST (NO FOUNDATION) ON EX. SIDEWALK CURB, WITH ANCHOR BOLT SET 1/2 DIAMETER, WITH WEDGE ANCHORS
D	PROP. APS INSTALLED ON PROP. PEDESTRIAN PUSHBUTTON POST (CONCRETE FOUNDATION)
E	PROP. APS INSTALLED ON EX. MAST ARM STRAIN POLE
F	PROP. APS INSTALLED ON EX. TRAFFIC SIGNAL POST OR LIGHT POLE
G	PROP. APS INSTALLED ON EX. PEDESTRIAN PUSHBUTTON POST
H	PROP. APS INSTALLED ON PROP. TRAFFIC SIGNAL POST

NOT TO SCALE

USER NAME = Trevor.Hanson	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 23,8272' = 1" / in.	CHECKED -	REVISED -
PLOT DATE = 8/22/2023	DATE -	REVISED -

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

PROPOSED ACCESSIBLE PEDESTRIAN SIGNALS IL 9 (ANN ELIZA ST.) & THIRD ST. - PEKIN			
SCALE:	SHEET	OF	SHEETS
	STA.		TO STA.

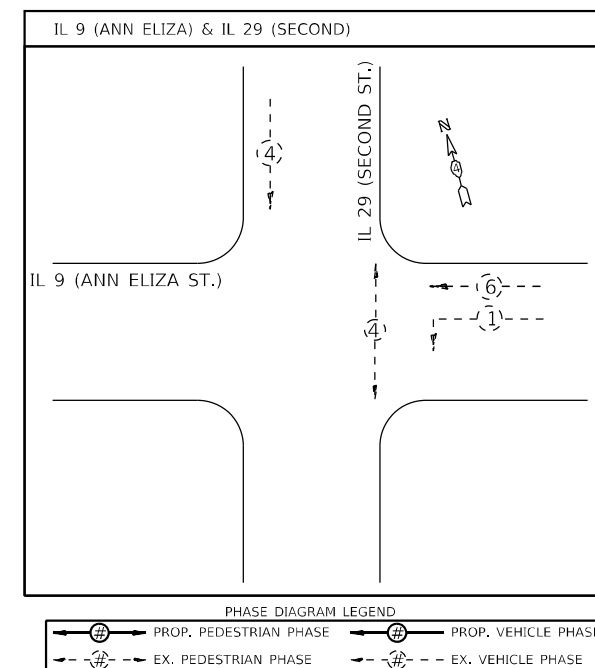
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR.	D4 ADA PUSHBUTTONS 2024-1	TAZEWELL	76	44
CONTRACT NO. 68H77				
ILLINOIS FED. AID PROJECT				











BILL OF MATERIALS		
IL 9 (ANN ELIZA) & IL 29 (SECOND)		
ITEM DESCRIPTION	UNIT	QTY.
ACCESSIBLE PEDESTRIAN SIGNALS	EACH	2.0
APS EXTENSION BRACKET	EACH	2.0

APS SCHEDULE							
IL 9 (ANN ELIZA) & IL 29 (SECOND)							
LABEL	LOCATION	INSTALLATION TYPE	MOUNTING BRACKET	CROSSING	WALK INDICATION	WIRING NOTES	NOTES
P1	NE QUAD	EX. TS POST	SINGLE	ANN ELIZA	tone	RE-USE EXISTING WIRE	
P2	SE QUAD	EX. TS POST	SINGLE*	ANN ELIZA	tone	RE-USE EXISTING WIRE	

\* FURNISH AND INSTALL ONE APS EXTENSION BRACKET PER PUSHBUTTON



APS LEGEND	
	PROP. APS INSTALLED ON PROP. PEDESTRIAN PUSHBUTTON POST (NO FOUNDATION) ON EX. SIDEWALK, WITH ANCHOR BOLT SET, 1/2 DIAMETER, WITH WEDGE ANCHORS
	PROP. APS INSTALLED ON PROP. PEDESTRIAN PUSHBUTTON POST (NO FOUNDATION) ON EX. ISLAND SURFACE, WITH ANCHOR BOLT SET, 1/2 DIAMETER, WITH WEDGE ANCHORS
	PROP. APS INSTALLED ON PROP. PEDESTRIAN PUSHBUTTON POST (NO FOUNDATION) ON EX. SIDEWALK CURB, WITH ANCHOR BOLT SET 1/2 DIAMETER, WITH WEDGE ANCHORS
	PROP. APS INSTALLED ON PROP. PEDESTRIAN PUSHBUTTON POST (CONCRETE FOUNDATION)
	PROP. APS INSTALLED ON EX. MAST ARM STRAIN POLE
	PROP. APS INSTALLED ON EX. TRAFFIC SIGNAL POST OR LIGHT POLE
	PROP. APS INSTALLED ON EX. PEDESTRIAN PUSHBUTTON POST
	PROP. APS INSTALLED ON PROP. TRAFFIC SIGNAL POST

PEKIN TOWNSHIP
40.572131, -89.650634

USER NAME = Trevor,Hanson	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 23,8272 ' / in.	CHECKED -	REVISED -
PLOT DATE = 8/22/2023	DATE -	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

PROPOSED ACCESSIBLE PEDESTRIAN SIGNALS  
IL 9 (ANN ELIZA ST.) & IL 29 (SECOND ST.) - PEKIN

SCALE:	SHEET	OF	SHEETS	STA.	TO STA.
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F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR.	D4 ADA PUSHBUTTONS 2024-1	TAZEWELL	76	45
		CONTRACT NO. 68H77		
		ILLINOIS FED. AID PROJECT		

NOT TO SCALE

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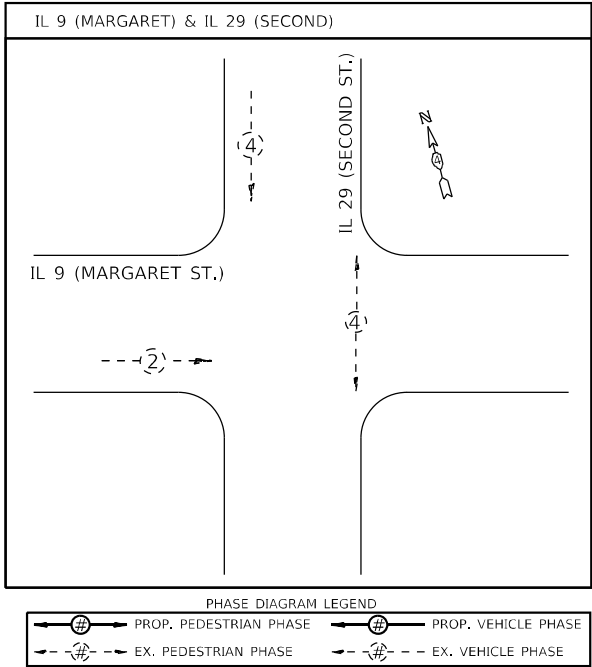
PEKIN TOWNSHIP  
40.571856, -89.650830



BILL OF MATERIALS		
IL 9 (MARGARET) & IL 29 (SECOND)		
ITEM DESCRIPTION	UNIT	QTY.
ACCESSIBLE PEDESTRIAN SIGNALS	EACH	2.0
PEDESTRIAN PUSH-BUTTON POST	EACH	1.0
ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 3C	FOOT	165.0
UNDERGROUND CONDUIT, PVC, 1" DIA.	FOOT	14.0
DRILL EXISTING FOUNDATION	EACH	1.0

- NOTES:
- THE NW QUADRANT EXISTING CONDITIONS DIFFER FROM AERIAL BASEMAP.
  - THE CONTRACTOR SHALL PROGRAM A LEADING PEDESTRIAN INTERVAL (LPI)/ DELAYED GREEN OF 5 SECONDS FOR USE WITH PEDESTRIAN PHASE 4 APS. THE COST OF THIS WORK SHALL BE INCLUDED IN THE COST OF THE ACCESSIBLE PEDESTRIAN SIGNALS.

APS SCHEDULE							
IL 9 (MARGARET) & IL 29 (SECOND)							
LABEL	LOCATION	INSTALLATION TYPE	MOUNTING BRACKET	CROSSING	WALK INDICATION	WIRING NOTES	NOTES
P1	NE QUAD	PROP. PEDESTRIAN PUSHBUTTON POST	SINGLE	MARGARET	tone	INSTALL NEW WIRE FROM APS TO CONTROLLER	PROP. CONDUIT FROM PROP. PUSHBUTTON POST TO EX. MAST ARM
P2	SE QUAD	EX. TS POST	SINGLE	MARGARET	tone	RE-USE EXISTING WIRE	



APS LEGEND	
	PROP. APS INSTALLED ON PROP. PEDESTRIAN PUSHBUTTON POST (NO FOUNDATION) ON EX. SIDEWALK, WITH ANCHOR BOLT SET, 1/2 DIAMETER, WITH WEDGE ANCHORS
	PROP. APS INSTALLED ON PROP. PEDESTRIAN PUSHBUTTON POST (NO FOUNDATION) ON EX. ISLAND SURFACE, WITH ANCHOR BOLT SET, 1/2 DIAMETER, WITH WEDGE ANCHORS
	PROP. APS INSTALLED ON PROP. PEDESTRIAN PUSHBUTTON POST (NO FOUNDATION) ON EX. SIDEWALK CURB, WITH ANCHOR BOLT SET 1/2 DIAMETER, WITH WEDGE ANCHORS
	PROP. APS INSTALLED ON PROP. PEDESTRIAN PUSHBUTTON POST (CONCRETE FOUNDATION)
	PROP. APS INSTALLED ON EX. MAST ARM STRAIN POLE
	PROP. APS INSTALLED ON EX. TRAFFIC SIGNAL POST OR LIGHT POLE
	PROP. APS INSTALLED ON EX. PEDESTRIAN PUSHBUTTON POST
	PROP. APS INSTALLED ON PROP. TRAFFIC SIGNAL POST

NOT TO SCALE

	USER NAME = Trevor.Hanson	DESIGNED -	REVISED -
	DRAWN -	REVISD -	
	PLOT SCALE = 23,8272' = 1 in.	CHECKED -	REVISED -
	PLOT DATE = 8/22/2023	DATE -	REVISED -

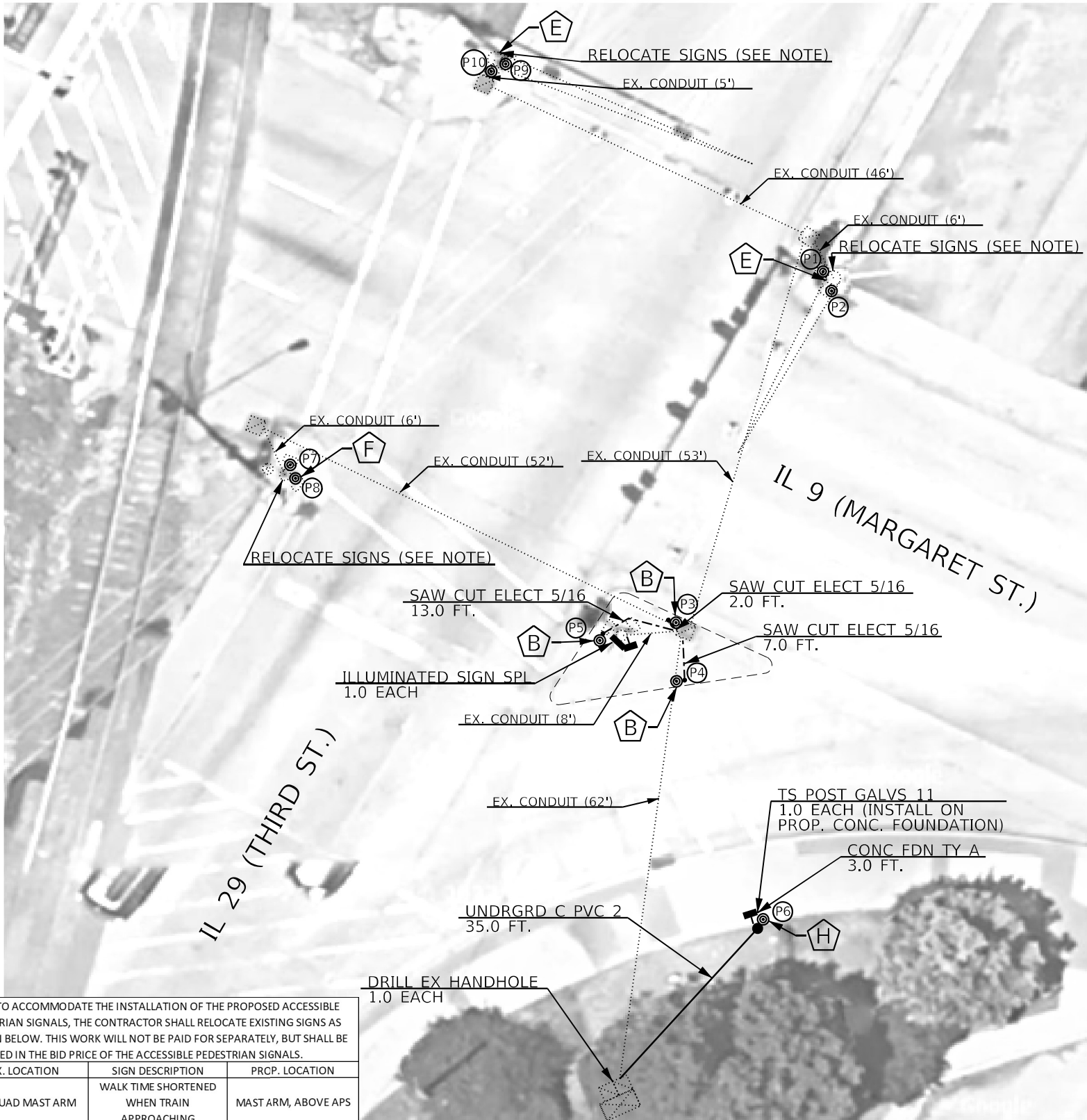
STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

PROPOSED ACCESSIBLE PEDESTRIAN SIGNALS IL 9 (MARGARET ST.) & IL 29 (SECOND ST.) - PEKIN			
SCALE:	SHEET	OF SHEETS	STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR.	D4 ADA PUSHBUTTONS 2024-1	TAZEWELL	76	46
CONTRACT NO. 68H77				
ILLINOIS		FED. AID PROJECT		



MODEL: Default  
FILE NAME: S:\ENR\WORK\DDSP\ANI\Hanson.dwg  
AP568H77 (D4 ADA Pushbuttons 2024-1) (08-22-23).dgn



NOTE: TO ACCOMMODATE THE INSTALLATION OF THE PROPOSED ACCESSIBLE PEDESTRIAN SIGNALS, THE CONTRACTOR SHALL RELOCATE EXISTING SIGNS AS SHOWN BELOW. THIS WORK WILL NOT BE PAID FOR SEPARATELY, BUT SHALL BE INCLUDED IN THE BID PRICE OF THE ACCESSIBLE PEDESTRIAN SIGNALS.

EX. LOCATION	SIGN DESCRIPTION	PROCP. LOCATION
NE QUAD MAST ARM	WALK TIME SHORTENED WHEN TRAIN APPROACHING	MAST ARM, ABOVE APS
SW QUAD TS POST	WALK TIME SHORTENED WHEN TRAIN APPROACHING (QTY. 2.0)	TS POST, ABOVE APS
	NO RIGHT TURN	WOOD POLE, ABOVE "DO NOT STOP ON TRACKS" SIGN
NW QUAD MAST ARM	NO LEFT TURN	MAST ARM, ABOVE ONE WAY SIGN
	WALK TIME SHORTENED WHEN TRAIN APPROACHING	MAST ARM, ABOVE APS

DRILL EX HANDHOLE  
1.0 EACH

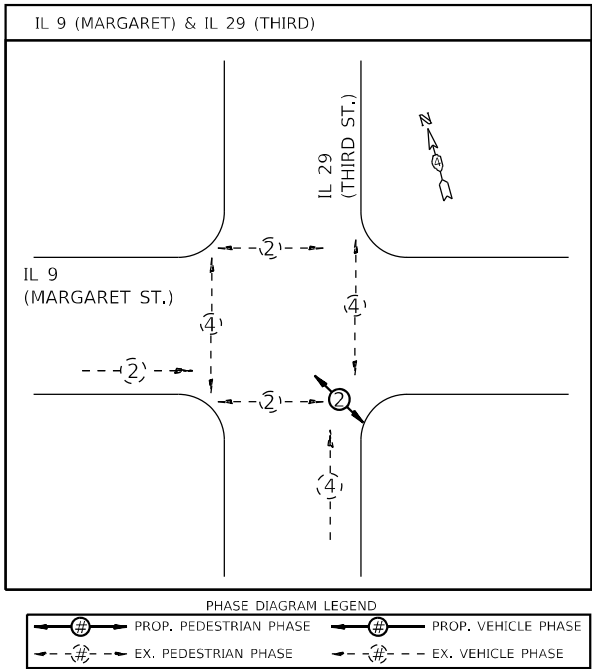
NOTE: TO ACCOMMODATE THE INSTALLATION OF THE PROPOSED ACCESSIBLE PEDESTRIAN SIGNALS, THE CONTRACTOR SHALL REPLACE AND RELOCATE EXISTING SIGNS AS SHOWN BELOW. THIS WORK WILL BE INCLUDED IN THE BID PRICE OF THE PROPOSED SIGN PANEL - TYPE 1.

EX. LOCATION	SIGN DESCRIPTION	PROP. LOCATION	PAY ITEM DESCRIPTION	UNIT	QTY.
NE QUAD MAST ARM	DO NOT STOP ON TRACKS (R8-8)	MAST ARM, ABOVE ONE WAY SIGN	SIGN PANEL - TYPE 1	SQ.FT	5.0



BILL OF MATERIALS		
IL 9 (MARGARET) & IL 29 (THIRD)		
ITEM DESCRIPTION	UNIT	QTY.
ACCESSIBLE PEDESTRIAN SIGNALS	EACH	10.0
PEDESTRIAN PUSH-BUTTON POST (NO FOUNDATION)	EACH	3.0
ANCHOR BOLT SET, 1/2 DIAMETER, WITH WEDGE ANCHORS	EACH	3.0
THHN WIRE ENCASED IN PVC TUBE, NO. 19/27 AWG	FOOT	185.0
SAW CUT FOR ELECTRICAL CABLE INSTALLATION, 5/16"	FOOT	22.0
PEDESTRIAN SIGNAL HEAD, POLYCARBONATE, LED, 1-FACE, BRACKET MOUNTED WITH COUNT DOWN TIMER	EACH	2.0
SIGN PANEL - TYPE 1	SQ.FT	5.0
UNDERGROUND CONDUIT, PVC, 2" DIA.	FOOT	35.0
DRILL EXISTING HANDHOLE	EACH	1.0
TRAFFIC SIGNAL POST, GALVANIZED STEEL 11 FT.	EACH	1.0
CONCRETE FOUNDATION, TYPE A	FOOT	3.0
ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 3C	FOOT	60.0
ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 5C	FOOT	922.0
ELECTRIC CABLE IN CONDUIT, EQUIPMENT GROUNDING CONDUCTOR, NO. 6 1C	FOOT	54.0
ILLUMINATED SIGN (SPECIAL)	EACH	1.0
RAILROAD PROTECTIVE LIABILITY INSURANCE	L SUM	0.5

APS SCHEDULE							
IL 9 (MARGARET) & IL 29 (THIRD)							
LABEL	LOCATION	INSTALLATION TYPE	MOUNTING BRACKET	CROSSING	WALK INDICATION	WIRING NOTES	NOTES
P1	NE QUAD	EX. MAST ARM	DUAL	MARGARET	SPEECH	INSTALL NEW WIRE FROM APS TO CONTROLLER	
P2	NE QUAD		DUAL	THIRD	SPEECH		
P3	NB RT ISLAND	PROP. PEDESTRIAN PUSHBUTTON POST (NO FOUNDATION)	SINGLE	MARGARET	SPEECH	INSTALL NEW WIRE FROM APS TO CONTROLLER	PROP. SAW CUT FROM PROP. PUSHBUTTON POST TO EX. HANDHOLE
P4	NB RT ISLAND	PROP. PEDESTRIAN PUSHBUTTON POST (NO FOUNDATION)	SINGLE	THIRD RIGHT TURN LANE	SPEECH	INSTALL NEW WIRE FROM APS TO CONTROLLER	PROP. SAW CUT FROM PROP. PUSHBUTTON POST TO EX. HANDHOLE
P5	NB RT ISLAND	PROP. PEDESTRIAN PUSHBUTTON POST (NO FOUNDATION)	SINGLE	THIRD	SPEECH	INSTALL NEW WIRE FROM APS TO CONTROLLER	PROP. SAW CUT FROM PROP. PUSHBUTTON POST TO EX. HANDHOLE
P6	SE QUAD	PROP. TS POST	SINGLE	THIRD RIGHT TURN LANE	tone	INSTALL NEW WIRE FROM APS TO CONTROLLER	PROP. SAW CUT FROM PROP. TS POST TO EX. DOUBLE HANDHOLE
P7	SW QUAD	EX. TS POST	DUAL	THIRD	SPEECH	INSTALL NEW WIRE FROM APS TO CONTROLLER	
P8	SW QUAD		DUAL	MARGARET	SPEECH		
P9	NW QUAD	EX. MAST ARM	DUAL	MARGARET	SPEECH	INSTALL NEW WIRE FROM APS TO CONTROLLER	
P10	NW QUAD		DUAL	THIRD	SPEECH		



#### APS LEGEND

- PROP. APS INSTALLED ON PROP. PEDESTRIAN PUSHBUTTON POST (NO FOUNDATION) ON EX. SIDEWALK, WITH ANCHOR BOLT SET, 1/2 DIAMETER, WITH WEDGE ANCHORS
- PROP. APS INSTALLED ON PROP. PEDESTRIAN PUSHBUTTON POST (NO FOUNDATION) ON EX. ISLAND SURFACE, WITH ANCHOR BOLT SET, 1/2 DIAMETER, WITH WEDGE ANCHORS
- PROP. APS INSTALLED ON PROP. PEDESTRIAN PUSHBUTTON POST (NO FOUNDATION) ON EX. SIDEWALK CURB, WITH ANCHOR BOLT SET 1/2 DIAMETER, WITH WEDGE ANCHORS
- PROP. APS INSTALLED ON PROP. PEDESTRIAN PUSHBUTTON POST (CONCRETE FOUNDATION)
- PROP. APS INSTALLED ON EX. MAST ARM STRAIN POLE
- PROP. APS INSTALLED ON EX. TRAFFIC SIGNAL POST OR LIGHT POLE
- PROP. APS INSTALLED ON EX. PEDESTRIAN PUSHBUTTON POST
- PROP. APS INSTALLED ON PROP. TRAFFIC SIGNAL POST

NOT TO SCALE

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

PROPOSED ACCESSIBLE PEDESTRIAN SIGNALS  
IL 9 (MARGARET ST.) & IL 29 (THIRD ST.) - PEKIN

SCALE: SHEET OF SHEETS STA. TO STA.

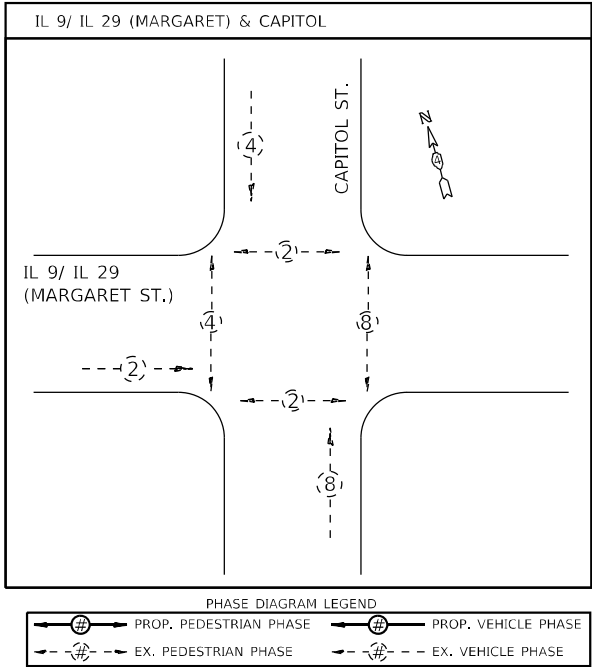
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR.	D4 ADA PUSHBUTTONS 2024-1	TAZEWELL	76	47
CONTRACT NO. 68H77				
ILLINOIS FED. AID PROJECT				

MODEL: Default  
FILE NAME: S:\ENR\WORKBOOKS\PEK\AP568H77 (D4 ADA Pushbuttons 2024-1) (08-22-23).dgn



BILL OF MATERIALS		
IL 9/ IL 29 (MARGARET) & CAPITOL		
ITEM DESCRIPTION	UNIT	QTY.
ACCESSIBLE PEDESTRIAN SIGNALS	EACH	8.0
ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 5C	FOOT	415.0
APS EXTENSION BRACKET	EACH	2.0
TRAFFIC SIGNAL BACKPLATE, RETROREFLECTIVE	EACH	2.0

APS SCHEDULE							
IL 9/ IL 29 (MARGARET) & CAPITOL							
LABEL	LOCATION	INSTALLATION TYPE	MOUNTING BRACKET	CROSSING	WALK INDICATION	WIRING NOTES	NOTES
P1	NE QUAD	EX. TS POST	DUAL	CAPITOL	SPEECH	INSTALL NEW WIRE FROM APS TO CONTROLLER	
P2	NE QUAD		DUAL	MARGARET	SPEECH		
P3	SE QUAD	EX. MAST ARM	DUAL	MARGARET	SPEECH	INSTALL NEW WIRE FROM APS TO CONTROLLER	
P4	SE QUAD		DUAL	CAPITOL	SPEECH		
P5	SW QUAD	EX. TS POST	DUAL	CAPITOL	SPEECH	INSTALL NEW WIRE FROM APS TO CONTROLLER	
P6	SW QUAD		DUAL	MARGARET	SPEECH		
P7	NW QUAD	EX. TS POST	DUAL*	MARGARET	SPEECH	INSTALL NEW WIRE FROM APS TO CONTROLLER	
P8	NW QUAD		DUAL*	CAPITOL	SPEECH		
* FURNISH AND INSTALL ONE APS EXTENSION BRACKET PER PUSHBUTTON							



APS LEGEND	
	PROP. APS INSTALLED ON PROP. PEDESTRIAN PUSHBUTTON POST (NO FOUNDATION) ON EX. SIDEWALK, WITH ANCHOR BOLT SET, 1/2 DIAMETER, WITH WEDGE ANCHORS
	PROP. APS INSTALLED ON PROP. PEDESTRIAN PUSHBUTTON POST (NO FOUNDATION) ON EX. ISLAND SURFACE, WITH ANCHOR BOLT SET, 1/2 DIAMETER, WITH WEDGE ANCHORS
	PROP. APS INSTALLED ON PROP. PEDESTRIAN PUSHBUTTON POST (NO FOUNDATION) ON EX. SIDEWALK CURB, WITH ANCHOR BOLT SET 1/2 DIAMETER, WITH WEDGE ANCHORS
	PROP. APS INSTALLED ON PROP. PEDESTRIAN PUSHBUTTON POST (CONCRETE FOUNDATION)
	PROP. APS INSTALLED ON EX. MAST ARM STRAIN POLE
	PROP. APS INSTALLED ON EX. TRAFFIC SIGNAL POST OR LIGHT POLE
	PROP. APS INSTALLED ON EX. PEDESTRIAN PUSHBUTTON POST
	PROP. APS INSTALLED ON PROP. TRAFFIC SIGNAL POST

NOT TO SCALE

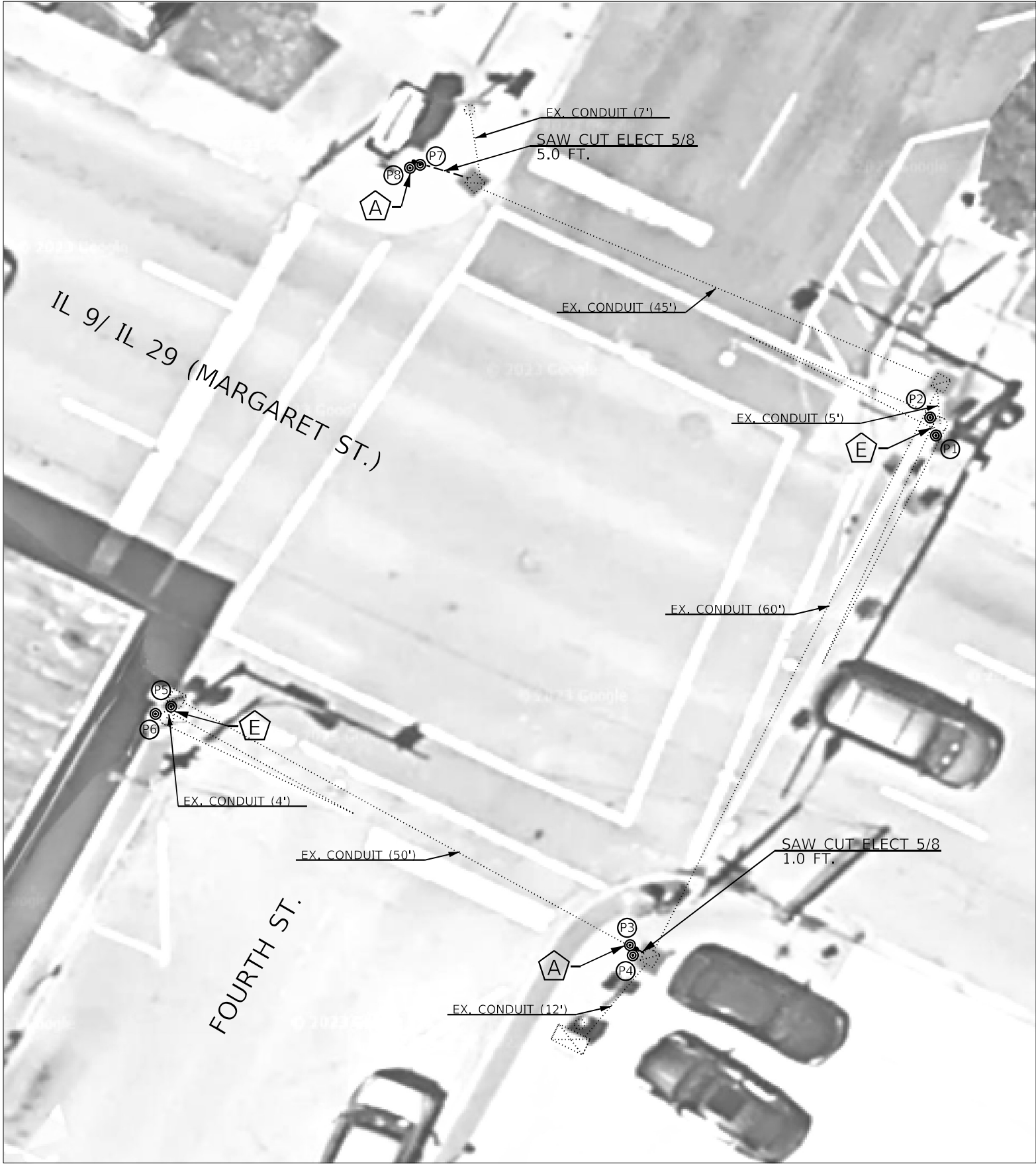
USER NAME = Trevor.Hanson	DESIGNED -	REVISED -
DRAWN -	REVISD -	
PLOT SCALE = 23,8272' = 1 in.	CHECKED -	REVISED -
PLOT DATE = 8/22/2023	DATE -	REVISED -

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

PROPOSED ACCESSIBLE PEDESTRIAN SIGNALS IL 9/ IL 29 (MARGARET ST.) & CAPITOL ST. - PEKIN			
SCALE:	SHEET	OF SHEETS	STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR.	D4 ADA PUSHBUTTONS 2024-1	TAZEWELL	76	48
CONTRACT NO. 68H77				
ILLINOIS FED. AID PROJECT				

MODEL: Default  
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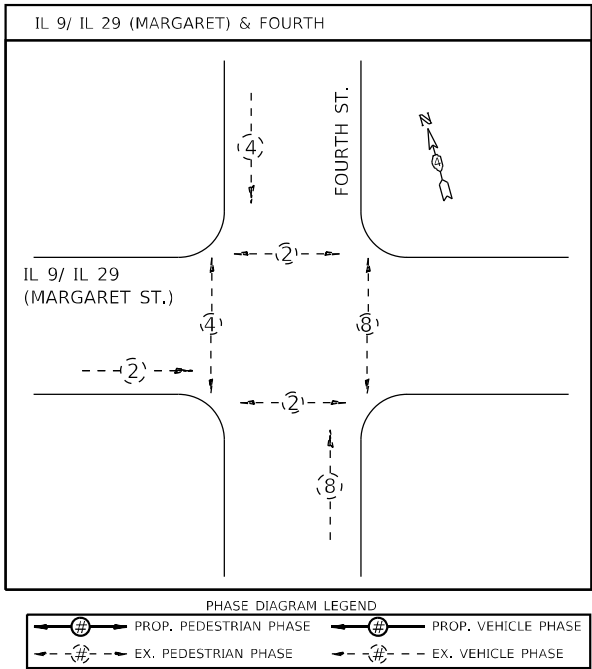


PEKIN TOWNSHIP  
40.569832, -89.646409



BILL OF MATERIALS		
IL 9/ IL 29 (MARGARET) & FOURTH		
ITEM DESCRIPTION	UNIT	QTY.
ACCESSIBLE PEDESTRIAN SIGNALS	EACH	8.0
PEDESTRIAN PUSH-BUTTON POST (NO FOUNDATION)	EACH	2.0
ANCHOR BOLT SET, 1/2 DIAMETER, WITH WEDGE ANCHORS	EACH	2.0
ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 5C	FOOT	386.5
THHN WIRE ENCASED IN PVC TUBE, NO. 19/27 AWG	FOOT	224.0
SAW CUT FOR ELECTRICAL CABLE INSTALLATION, 5/8"	FOOT	6.0
TRAFFIC SIGNAL BACKPLATE, RETROREFLECTIVE	EACH	2.0

APS SCHEDULE							
IL 9/ IL 29 (MARGARET) & FOURTH							
LABEL	LOCATION	INSTALLATION TYPE	MOUNTING BRACKET	CROSSING	WALK INDICATION	WIRING NOTES	NOTES
P1	NE QUAD	EX. MAST ARM	DUAL	FOURTH	SPEECH	INSTALL NEW WIRE FROM APS TO CONTROLLER	
P2	NE QUAD		DUAL	MARGARET	SPEECH		
P3	SE QUAD	PROP. PEDESTRIAN PUSHBUTTON POST (NO FOUNDATION)	DUAL	MARGARET	SPEECH	INSTALL NEW WIRE FROM APS TO CONTROLLER	PROP. SAW CUT FROM PROP. PUSHBUTTON POST TO EX. HANDHOLE
P4	SE QUAD		DUAL	FOURTH	SPEECH		
P5	SW QUAD	EX. MAST ARM	DUAL	FOURTH	SPEECH	INSTALL NEW WIRE FROM APS TO CONTROLLER	
P6	SW QUAD		DUAL	MARGARET	SPEECH		
P7	NW QUAD	PROP. PEDESTRIAN PUSHBUTTON POST (NO FOUNDATION)	DUAL	MARGARET	SPEECH	INSTALL NEW WIRE FROM APS TO CONTROLLER	PROP. SAW CUT FROM PROP. PUSHBUTTON POST TO EX. HANDHOLE
P8	NW QUAD		DUAL	FOURTH	SPEECH		



APS LEGEND	
A	PROP. APS INSTALLED ON PROP. PEDESTRIAN PUSHBUTTON POST (NO FOUNDATION) ON EX. SIDEWALK, WITH ANCHOR BOLT SET, 1/2 DIAMETER, WITH WEDGE ANCHORS
B	PROP. APS INSTALLED ON PROP. PEDESTRIAN PUSHBUTTON POST (NO FOUNDATION) ON EX. ISLAND SURFACE, WITH ANCHOR BOLT SET, 1/2 DIAMETER, WITH WEDGE ANCHORS
C	PROP. APS INSTALLED ON PROP. PEDESTRIAN PUSHBUTTON POST (NO FOUNDATION) ON EX. SIDEWALK CURB, WITH ANCHOR BOLT SET 1/2 DIAMETER, WITH WEDGE ANCHORS
D	PROP. APS INSTALLED ON PROP. PEDESTRIAN PUSHBUTTON POST (CONCRETE FOUNDATION)
E	PROP. APS INSTALLED ON EX. MAST ARM STRAIN POLE
F	PROP. APS INSTALLED ON EX. TRAFFIC SIGNAL POST OR LIGHT POLE
G	PROP. APS INSTALLED ON EX. PEDESTRIAN PUSHBUTTON POST
H	PROP. APS INSTALLED ON PROP. TRAFFIC SIGNAL POST

NOT TO SCALE

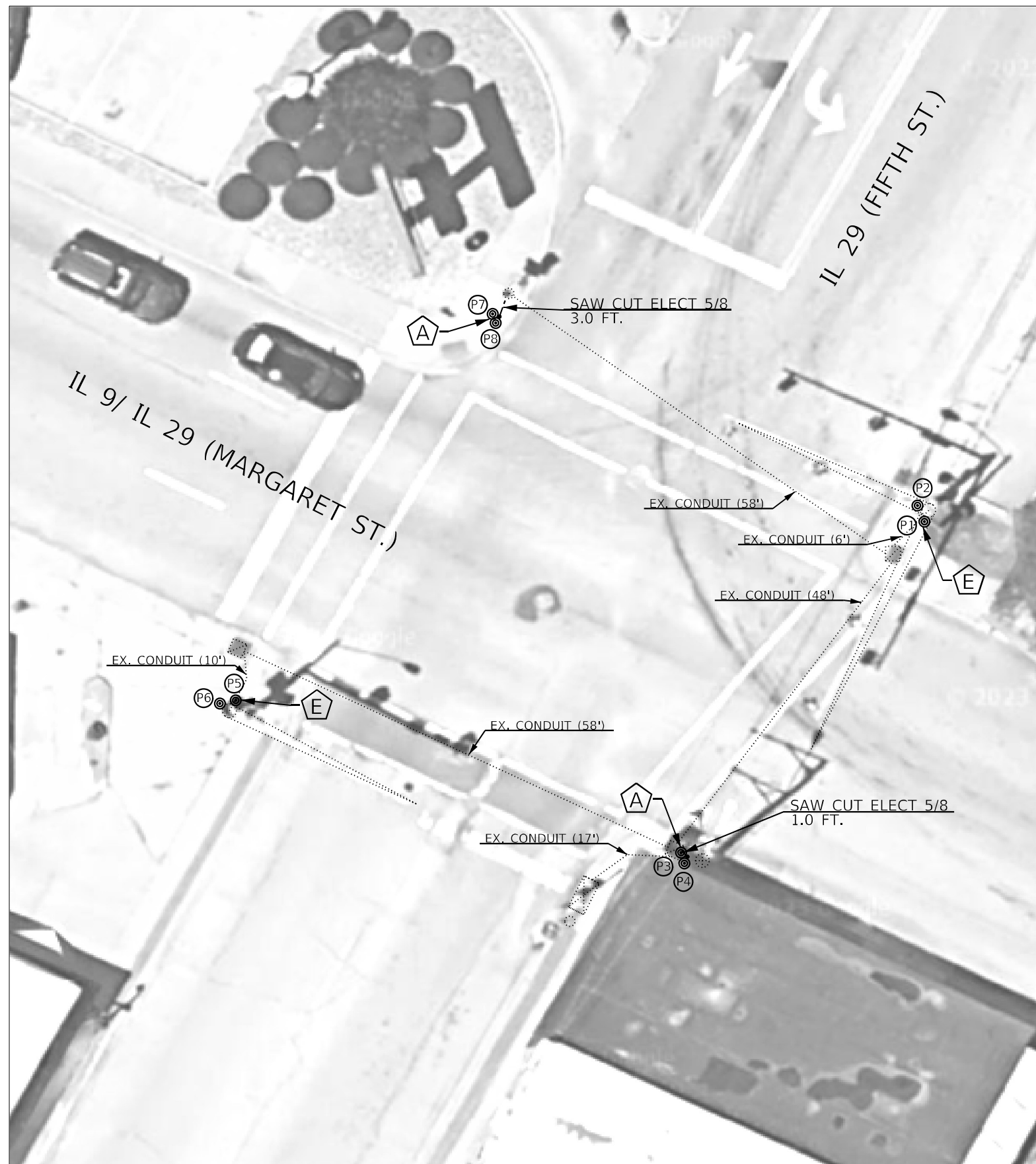
	USER NAME = Trevor,Hanson	DESIGNED -	REVISED -
		DRAWN -	REVISED -
	PLOT SCALE = 23,8272' = 1 in.	CHECKED -	REVISED -
	PLOT DATE = 8/22/2023	DATE -	REVISED -

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

PROPOSED ACCESSIBLE PEDESTRIAN SIGNALS IL 9/ IL 29 (MARGARET ST.) & FOURTH ST. - PEKIN			
SCALE:	SHEET	OF SHEETS	STA. TO STA.

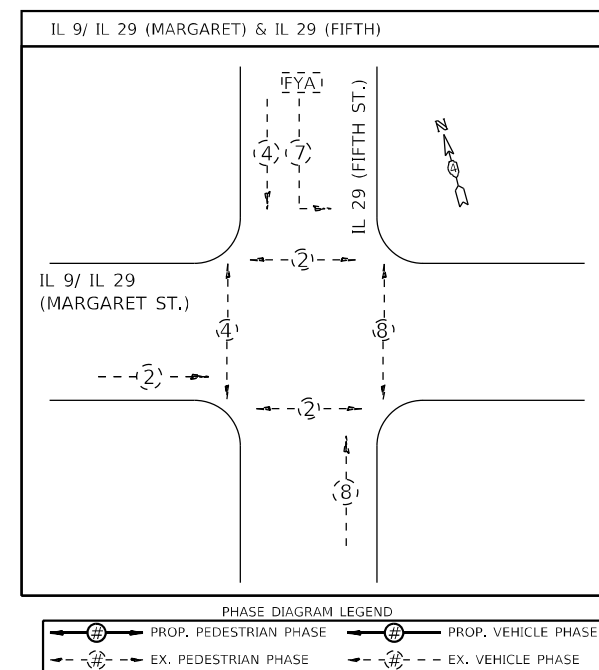
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR.	D4 ADA PUSHBUTTONS 2024-1	TAZEWELL	76	49
				CONTRACT NO. 68H77
ILLINOIS		FED. AID PROJECT		













BILL OF MATERIALS		
IL 9/ IL 29 (MARGARET) & IL 29 (FIFTH)		
ITEM DESCRIPTION	UNIT	QTY.
ACCESSIBLE PEDESTRIAN SIGNALS	EACH	8.0
PEDESTRIAN PUSH-BUTTON POST (NO FOUNDATION)	EACH	2.0
ANCHOR BOLT SET, 1/2 DIAMETER, WITH WEDGE ANCHORS	EACH	2.0
ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 5C	FOOT	354.0
THHN WIRE ENCASED IN PVC TUBE, NO. 19/27 AWG	FOOT	182.0
SAW CUT FOR ELECTRICAL CABLE INSTALLATION, 5/8"	FOOT	4.0
TRAFFIC SIGNAL BACKPLATE, RETROREFLECTIVE	EACH	2.0

APS SCHEDULE						
IL 9/ IL 29 (MARGARET) & IL 29 (FIFTH)						
LABEL	LOCATION	INSTALLATION TYPE	MOUNTING BRACKET	CROSSING	WALK INDICATION	NOTES
P1	NE QUAD	EX. MAST ARM	DUAL	FIFTH	SPEECH	INSTALL NEW WIRE FROM APS TO CONTROLLER
P2	NE QUAD		DUAL	MARGARET	SPEECH	
P3	SE QUAD	PROP. PEDESTRIAN PUSHBUTTON POST (NO FOUNDATION)	DUAL	MARGARET	SPEECH	INSTALL NEW WIRE FROM APS TO CONTROLLER
P4	SE QUAD		DUAL	FIFTH	SPEECH	
P5	SW QUAD	EX. MAST ARM	DUAL	FIFTH	SPEECH	INSTALL NEW WIRE FROM APS TO CONTROLLER
P6	SW QUAD		DUAL	MARGARET	SPEECH	
P7	NW QUAD	PROP. PEDESTRIAN PUSHBUTTON POST (NO FOUNDATION)	DUAL	MARGARET	SPEECH	INSTALL NEW WIRE FROM APS TO CONTROLLER
P8	NW QUAD		DUAL	FIFTH	SPEECH	



APS LEGEND	
	PROP. APS INSTALLED ON PROP. PEDESTRIAN PUSHBUTTON POST (NO FOUNDATION) ON EX. SIDEWALK, WITH ANCHOR BOLT SET, 1/2 DIAMETER, WITH WEDGE ANCHORS
	PROP. APS INSTALLED ON PROP. PEDESTRIAN PUSHBUTTON POST (NO FOUNDATION) ON EX. ISLAND SURFACE, WITH ANCHOR BOLT SET, 1/2 DIAMETER, WITH WEDGE ANCHORS
	PROP. APS INSTALLED ON PROP. PEDESTRIAN PUSHBUTTON POST (NO FOUNDATION) ON EX. SIDEWALK CURB, WITH ANCHOR BOLT SET 1/2 DIAMETER, WITH WEDGE ANCHORS
	PROP. APS INSTALLED ON PROP. PEDESTRIAN PUSHBUTTON POST (CONCRETE FOUNDATION)
	PROP. APS INSTALLED ON EX. MAST ARM STRAIN POLE
	PROP. APS INSTALLED ON EX. TRAFFIC SIGNAL POST OR LIGHT POLE
	PROP. APS INSTALLED ON EX. PEDESTRIAN PUSHBUTTON POST
	PROP. APS INSTALLED ON PROP. TRAFFIC SIGNAL POST

PEKIN TOWNSHIP
40.569268, -89.644994

USER NAME = Trevor,Hanson	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 23,8272 * / in.	CHECKED -	REVISED -
PLOT DATE = 8/22/2023	DATE -	REVISED -

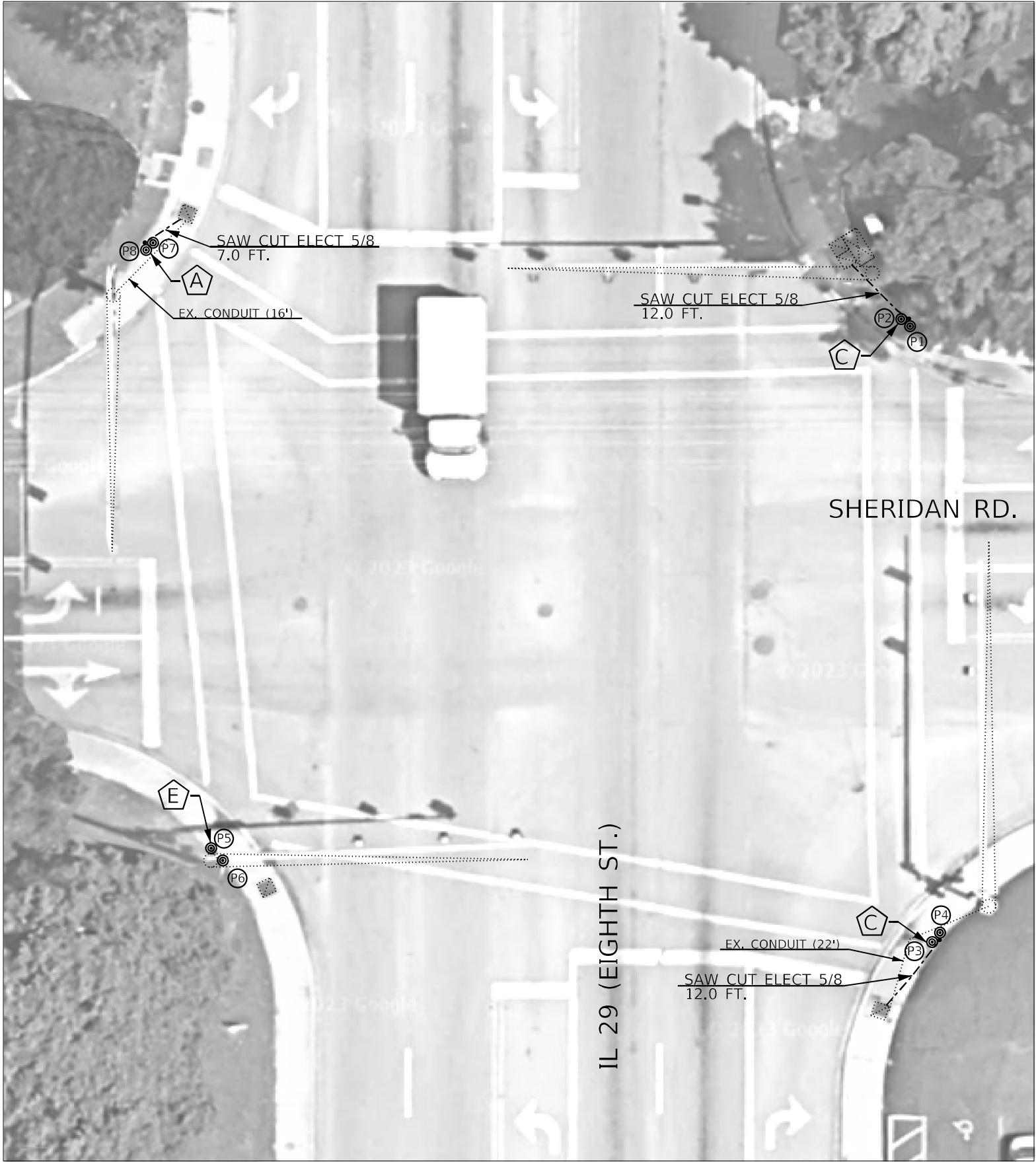
**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

## PROPOSED ACCESSIBLE PEDESTRIAN SIGNALS IL 9/ IL 29 (MARGARET ST.) & IL 29 (FIFTH ST.) - PEKIN

SCALE:	SHEET	OF	SHEETS	STA.	TO STA.
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F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR.	D4 ADA PUSHBUTTONS 2024-1	TAZEWELL	76	50
		CONTRACT NO. 68H77		
ILLINOIS		FED. AID PROJECT		

Model: Default  
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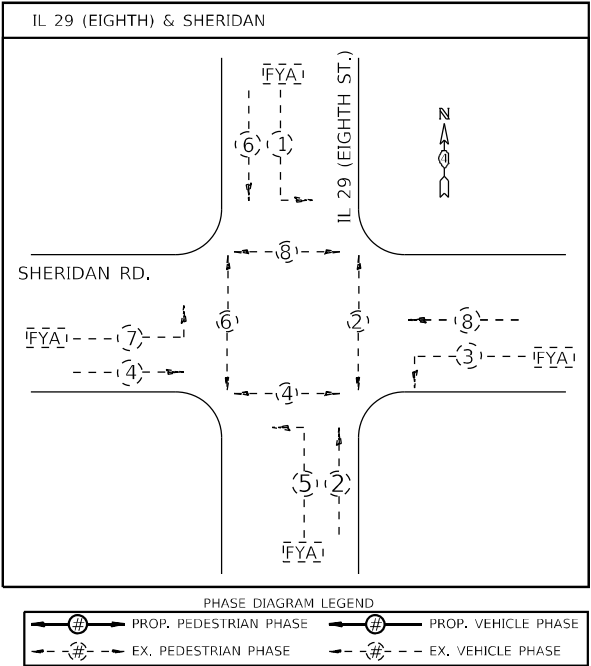


PEKIN TOWNSHIP  
40.582413, -89.640946



BILL OF MATERIALS		
IL 29 (EIGHTH) & SHERIDAN		
ITEM DESCRIPTION	UNIT	QTY.
ACCESSIBLE PEDESTRIAN SIGNALS	EACH	8.0
PEDESTRIAN PUSH-BUTTON POST (NO FOUNDATION)	EACH	3.0
ANCHOR BOLT SET, 1/2 DIAMETER, WITH WEDGE ANCHORS	EACH	3.0
THHN WIRE ENCASED IN PVC TUBE, NO. 19/27 AWG	FOOT	411.0
SAW CUT FOR ELECTRICAL CABLE INSTALLATION, 5/8"	FOOT	31.0
TRAFFIC SIGNAL BACKPLATE, RETROREFLECTIVE	EACH	6.0

APS SCHEDULE							
IL 29 (EIGHTH) & SHERIDAN							
LABEL	LOCATION	INSTALLATION TYPE	MOUNTING BRACKET	CROSSING	WALK INDICATION	WIRING NOTES	NOTES
P1	NE QUAD	PROP. PEDESTRIAN PUSHBUTTON POST (NO FOUNDATION)	DUAL	EIGHTH	SPEECH	INSTALL NEW WIRE FROM APS TO CONTROLLER	PROP. SAW CUT FROM PROP. PUSHBUTTON POST TO EX. DOUBLE HANDHOLE
P2	NE QUAD		DUAL	SHERIDAN	SPEECH		
P3	SE QUAD	PROP. PEDESTRIAN PUSHBUTTON POST (NO FOUNDATION)	DUAL	SHERIDAN	SPEECH	INSTALL NEW WIRE FROM APS TO EX. MAST ARM AND SPLICE WITH EX. WIRE IN MAST ARM BASE	PROP. SAW CUT FROM PROP. PUSHBUTTON POST TO EX. HANDHOLE
P4	SE QUAD		DUAL	EIGHTH	SPEECH		
P5	SW QUAD	EX. MAST ARM	DUAL	EIGHTH	SPEECH	RE-USE EXISTING WIRE	
P6	SW QUAD		DUAL	SHERIDAN	SPEECH		
P7	NW QUAD	PROP. PEDESTRIAN PUSHBUTTON POST (NO FOUNDATION)	DUAL	SHERIDAN	SPEECH	INSTALL NEW WIRE FROM APS TO EX. MAST ARM AND SPLICE WITH EX. WIRE IN MAST ARM BASE	PROP. SAW CUT FROM PROP. PUSHBUTTON POST TO EX. HANDHOLE
P8	NW QUAD		DUAL	EIGHTH	SPEECH		

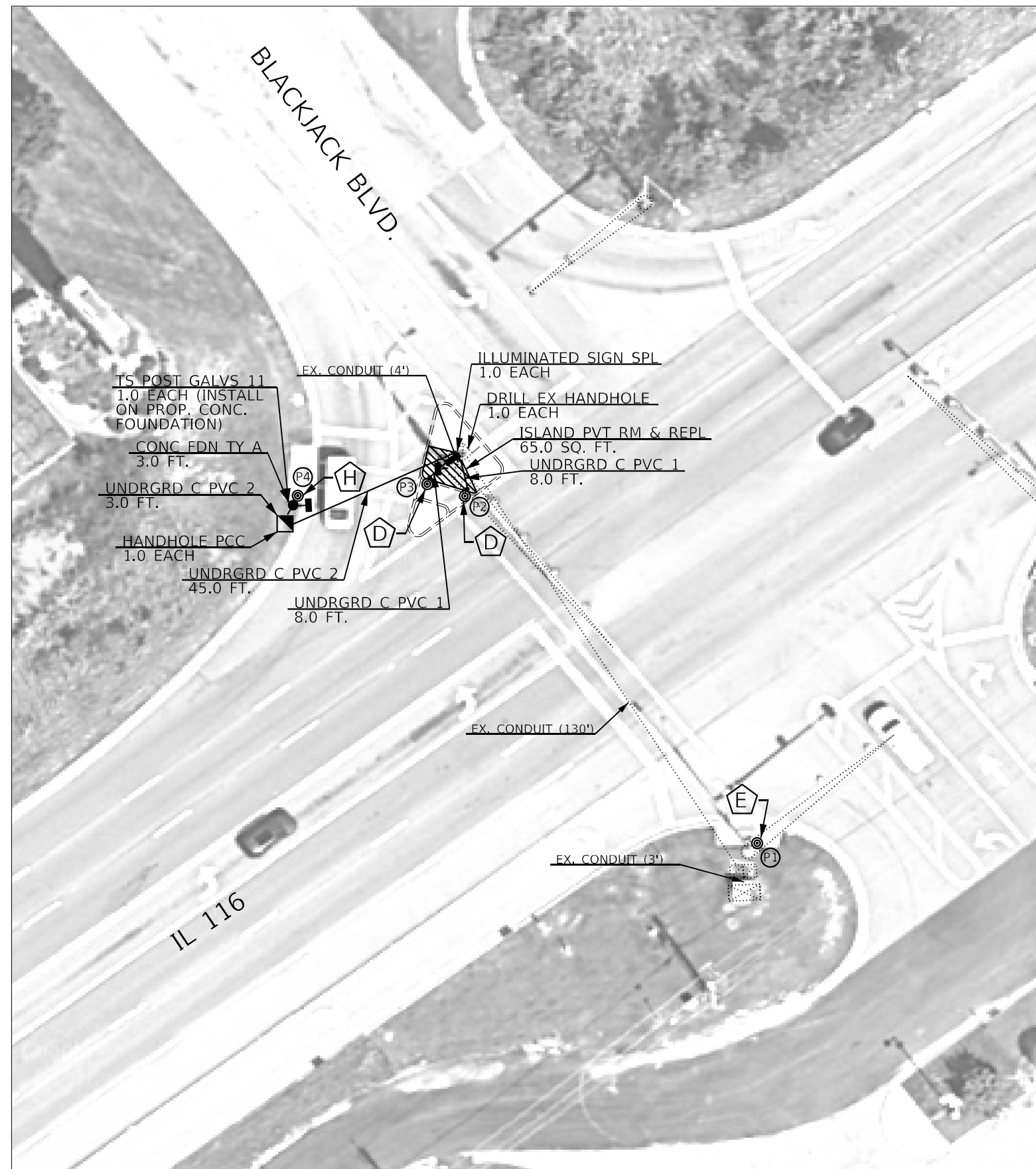


APS LEGEND	
	PROP. APS INSTALLED ON PROP. PEDESTRIAN PUSHBUTTON POST (NO FOUNDATION) ON EX. SIDEWALK, WITH ANCHOR BOLT SET, 1/2 DIAMETER, WITH WEDGE ANCHORS
	PROP. APS INSTALLED ON PROP. PEDESTRIAN PUSHBUTTON POST (NO FOUNDATION) ON EX. ISLAND SURFACE, WITH ANCHOR BOLT SET 1/2 DIAMETER, WITH WEDGE ANCHORS
	PROP. APS INSTALLED ON PROP. PEDESTRIAN PUSHBUTTON POST (CONCRETE FOUNDATION)
	PROP. APS INSTALLED ON EX. MAST ARM STRAIN POLE
	PROP. APS INSTALLED ON EX. TRAFFIC SIGNAL POST OR LIGHT POLE
	PROP. APS INSTALLED ON EX. PEDESTRIAN PUSHBUTTON POST
	PROP. APS INSTALLED ON PROP. TRAFFIC SIGNAL POST

NOT TO SCALE

	USER NAME = Trevor,Hanson	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PROPOSED ACCESSIBLE PEDESTRIAN SIGNALS IL 29 (EIGHTH ST.) & SHERIDAN RD. - PEKIN				F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		DRAWN -	REVISED -						VAR.	D4 ADA PUSHBUTTONS 2024-1	TAZEWELL	76	51
	PLOT SCALE = 23,8272 ' / in.	CHECKED -	REVISED -		CONTRACT NO. 68H77								
	PLOT DATE = 8/22/2023	DATE -	REVISED -		SCALE:	SHEET	OF	SHEETS	STA.	TO	STA.	ILLINOIS FED. AID PROJECT	

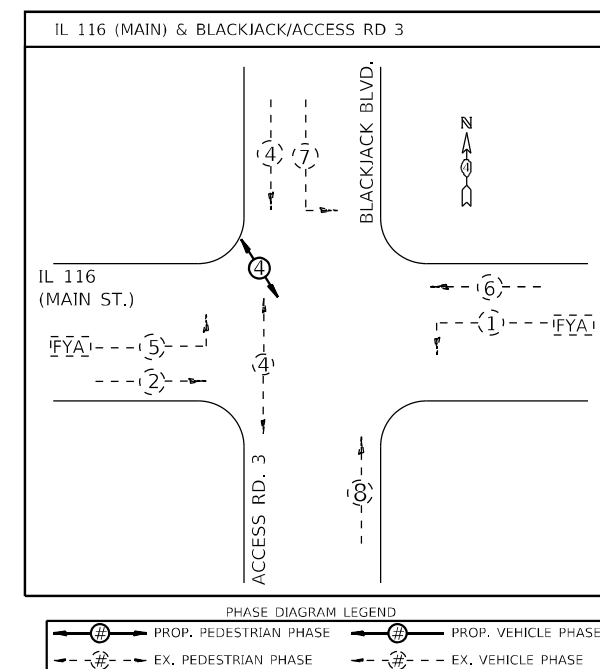
STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION











BILL OF MATERIALS		
IL 116 & BLACKJACK		
ITEM DESCRIPTION	UNIT	QTY.
ACCESSIBLE PEDESTRIAN SIGNALS	EACH	4.0
PEDESTRIAN PUSH-BUTTON POST	EACH	2.0
UNDERGROUND CONDUIT, PVC, 1" DIA.	FOOT	16.0
UNDERGROUND CONDUIT, PVC, 2" DIA.	FOOT	48.0
DRILL EXISTING HANDHOLE	EACH	1.0
TRAFFIC SIGNAL POST, GALVANIZED STEEL 11 FT.	EACH	1.0
CONCRETE FOUNDATION, TYPE A	FOOT	3.0
ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 3C	FOOT	567.0
ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 5C	FOOT	407.5
ELECTRIC CABLE IN CONDUIT, EQUIPMENT GROUNDING CONDUCTOR, NO. 6 1C	FOOT	70.5
ILLUMINATED SIGN (SPECIAL)	EACH	1.0
PEDESTRIAN SIGNAL HEAD, POLYCARBONATE, LED, 1-FACE, BRACKET MOUNTED WITH COUNT DOWN TIMER	EACH	2.0
ISLAND PAVEMENT REMOVAL AND REPLACEMENT	SQ FT	65.0
APS EXTENSION BRACKET	EACH	1.0
HANDHOLE, PORTLAND CEMENT CONCRETE	EACH	1.0

AFS SCHEDULE							
IL 116 & BLACKJACK							
LABEL	LOCATION	INSTALLATION TYPE	MOUNTING BRACKET	CROSSING	WALK INDICATION	WIRING NOTES	NOTES
P1	SW QUAD	EX. MAST ARM	SINGLE*	IL 116	STONE	RE-USE EXISTING WIRE	
P2	SB RT ISLAND	PROP. PEDESTRIAN PUSHBUTTON POST	SINGLE	IL 116	STONE	RE-USE EXISTING WIRE (INSTALL IN PROP. CONDUIT)	PROP. CONDUIT FROM PROP. PUSHBUTTON POST TO EX. HANDHOLE
P3	SB RT ISLAND	PROP. PEDESTRIAN PUSHBUTTON POST	SINGLE	BLACKJACK RIGHT TURN LANE	STONE	INSTALL NEW WIRE FROM APS TO CONTROLLER	PROP. CONDUIT FROM PROP. PUSHBUTTON POST TO EX. HANDHOLE
P4	NW QUAD	PROP. TS POST	SINGLE	BLACKJACK RIGHT TURN LANE	STONE	INSTALL NEW WIRE FROM APS TO CONTROLLER	PROP. CONDUIT FROM PROP. TS POST TO PROP. HANDHOLE

\* FURNISH AND INSTALL ONE APS EXTENSION BRACKET PER PUSHBUTTON



APS LEGEND	
	PROP. APS INSTALLED ON PROP. PEDESTRIAN PUSHBUTTON POST (NO FOUNDATION) ON EX. SIDEWALK, WITH ANCHOR BOLT SET, 1/2 DIAMETER, WITH WEDGE ANCHORS
	PROP. APS INSTALLED ON PROP. PEDESTRIAN PUSHBUTTON POST (NO FOUNDATION) ON EX. ISLAND SURFACE, WITH ANCHOR BOLT SET, 1/2 DIAMETER, WITH WEDGE ANCHORS
	PROP. APS INSTALLED ON PROP. PEDESTRIAN PUSHBUTTON POST (NO FOUNDATION) ON EX. SIDEWALK CURB, WITH ANCHOR BOLT SET 1/2 DIAMETER, WITH WEDGE ANCHORS
	PROP. APS INSTALLED ON PROP. PEDESTRIAN PUSHBUTTON POST (CONCRETE FOUNDATION)
	PROP. APS INSTALLED ON EX. MAST ARM STRAIN POLE
	PROP. APS INSTALLED ON EX. TRAFFIC SIGNAL POST OR LIGHT POLE
	PROP. APS INSTALLED ON EX. PEDESTRIAN PUSHBUTTON POST
	PROP. APS INSTALLED ON PROP. TRAFFIC SIGNAL POST

FONDULAC TOWNSHIP
40.677313, -89.561383

USER NAME = Trevor,Hanson	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 23,8272 ' / in.	CHECKED -	REVISED -
PLOT DATE = 8/22/2023	DATE -	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

PROPOSED ACCESSIBLE PEDESTRIAN SIGNALS  
IL 116 & BLACKJACK BLVD. - EAST PEORIA

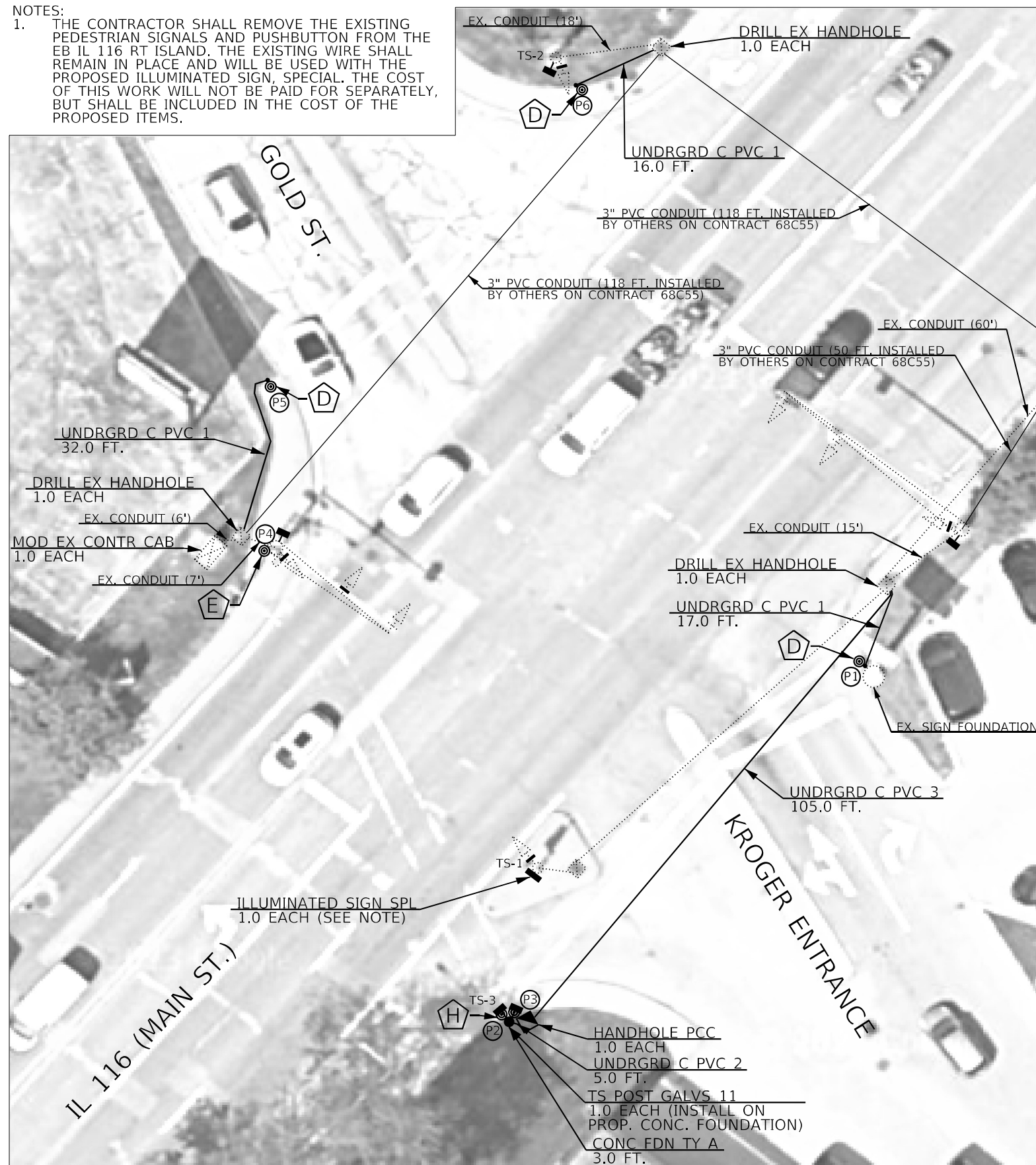
SCALE:	SHEET	OF	SHEETS	STA.	TO STA.
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F.A.P. RTE.	SECTION		COUNTY	TOTAL SHEETS	SHEET NO.
VAR.	D4 ADA PUSHBUTTONS 2024-1		TAZEWELL	76	52
			CONTRACT NO. 68H77		
		ILLINOIS	FED. AID PROJECT		

NOT TO SCALE

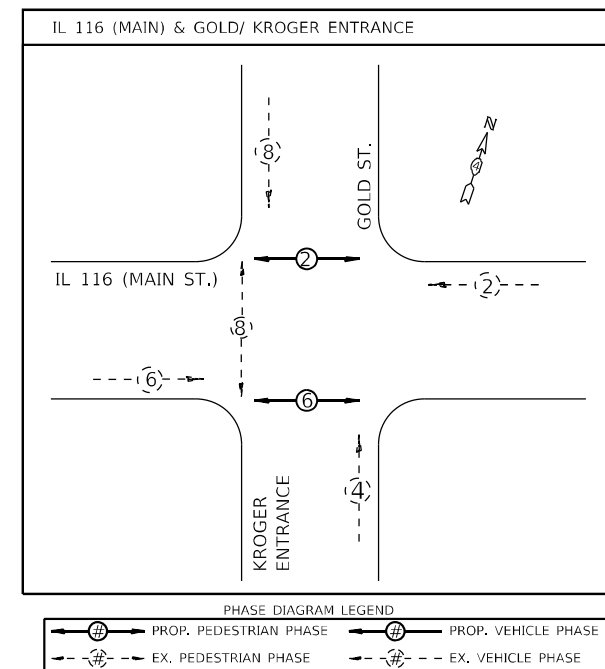










1. THE CONTRACTOR SHALL REMOVE THE EXISTING PEDESTRIAN SIGNALS AND PUSHBUTTON FROM THE EB IL 116 RT ISLAND. THE EXISTING WIRE SHALL REMAIN IN PLACE AND WILL BE USED WITH THE PROPOSED ILLUMINATED SIGN, SPECIAL. THE COST OF THIS WORK WILL NOT BE PAID FOR SEPARATELY, BUT SHALL BE INCLUDED IN THE COST OF THE PROPOSED ITEMS.



BILL OF MATERIALS		
IL 116 (MAIN) & GOLD/ KROGER ENTRANCE		
ITEM DESCRIPTION	UNIT	QTY.
ACCESSIBLE PEDESTRIAN SIGNALS	EACH	6.0
PEDESTRIAN PUSH-BUTTON POST	EACH	3.0
UNDERGROUND CONDUIT, PVC, 1" DIA.	FOOT	65.0
UNDERGROUND CONDUIT, PVC, 2" DIA.	FOOT	5.0
UNDERGROUND CONDUIT, PVC, 3" DIA.	FOOT	105.0
HANDHOLE, PORTLAND CEMENT CONCRETE	EACH	1.0
TRAFFIC SIGNAL BACKPLATE, RETROREFLECTIVE	EACH	5.0
DRILL EXISTING HANDHOLE	EACH	3.0
TRAFFIC SIGNAL POST, GALVANIZED STEEL 11 FT.	EACH	1.0
CONCRETE FOUNDATION, TYPE A	FOOT	3.0
ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 3C	FOOT	563.0
ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 5C	FOOT	1014.5
ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 7C	FOOT	448.5
PEDESTRIAN SIGNAL HEAD, POLYCARBONATE, LED, 1-FACE, BRACKET MOUNTED WITH COUNT DOWN TIMER	EACH	3.0
PEDESTRIAN SIGNAL HEAD, POLYCARBONATE, LED, 2-FACE, BRACKET MOUNTED WITH COUNT DOWN TIMER	EACH	1.0
ILLUMINATED SIGN (SPECIAL)	EACH	1.0
ELECTRIC CABLE IN CONDUIT, EQUIPMENT GROUNDING CONDUCTOR, NO. 6 1C	FOOT	132.5
MODIFY EXISTING CONTROLLER CABINET	EACH	1.0

APS SCHEDULE							
IL 116 (MAIN) & GOLD/ KROGER ENTRANCE							
LABEL	LOCATION	INSTALLATION TYPE	MOUNTING BRACKET	CROSSING	WALK INDICATION	WIRING NOTES	NOTES
P1	E QUAD	PROP. PEDESTRIAN PUSHBUTTON POST	SINGLE	COMMERCIAL DRIVEWAY	TONE	INSTALL NEW WIRE FROM APS TO CONTROLLER	PROP. CONDUIT FROM PROP. PUSHBUTTON POST TO EX. HANDHOLE
P2	S QUAD	PROP. TS POST	DUAL	COMMERCIAL DRIVEWAY	SPEECH	INSTALL NEW WIRE FROM APS TO CONTROLLER	PROP. CONDUIT FROM PROP. PUSHBUTTON POST TO PROP. HANDHOLE
P3	S QUAD		DUAL	MAIN	SPEECH		
P4	W QUAD	EX. MAST ARM	SINGLE	MAIN	TONE	RE-USE EXISTING WIRE	
P5	W QUAD	PROP. PEDESTRIAN PUSHBUTTON POST	SINGLE	GOLD	TONE	INSTALL NEW WIRE FROM APS TO CONTROLLER	PROP. CONDUIT FROM PROP. PUSHBUTTON POST TO EX. HANDHOLE
P6	N QUAD	PROP. PEDESTRIAN PUSHBUTTON POST	SINGLE	GOLD	TONE	INSTALL NEW WIRE FROM APS TO CONTROLLER	PROP. CONDUIT FROM PROP. PUSHBUTTON POST TO EX. HANDHOLE

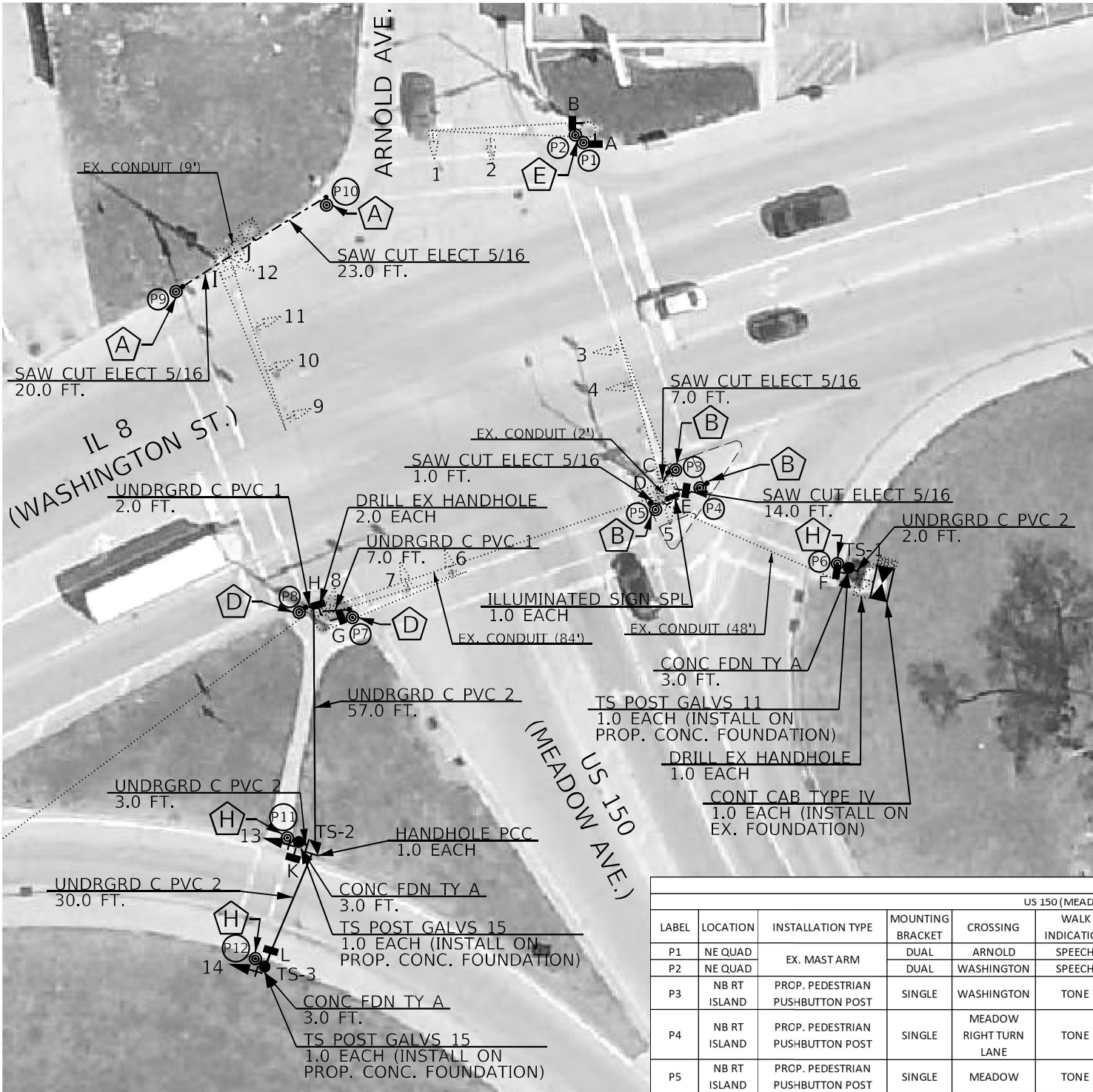


APS LEGEND	
	PROP. APS INSTALLED ON PROP. PEDESTRIAN PUSHBUTTON POST (NO FOUNDATION) ON EX. SIDEWALK, WITH ANCHOR BOLT SET, 1/2 DIAMETER, WITH WEDGE ANCHORS
	PROP. APS INSTALLED ON PROP. PEDESTRIAN PUSHBUTTON POST (NO FOUNDATION) ON EX. ISLAND SURFACE, WITH ANCHOR BOLT SET, 1/2 DIAMETER, WITH WEDGE ANCHORS
	PROP. APS INSTALLED ON PROP. PEDESTRIAN PUSHBUTTON POST (NO FOUNDATION) ON EX. SIDEWALK CURB, WITH ANCHOR BOLT SET 1/2 DIAMETER, WITH WEDGE ANCHORS
	PROP. APS INSTALLED ON PROP. PEDESTRIAN PUSHBUTTON POST (CONCRETE FOUNDATION)
	PROP. APS INSTALLED ON EX. MAST ARM STRAIN POLE
	PROP. APS INSTALLED ON EX. TRAFFIC SIGNAL POST OR LIGHT POLE
	PROP. APS INSTALLED ON EX. PEDESTRIAN PUSHBUTTON POST
	PROP. APS INSTALLED ON PROP. TRAFFIC SIGNAL POST

NOT TO SCALE

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR.	D4 ADA PUSHBUTTONS 2024-1	TAZEWELL	76	53
		CONTRACT NO. 68H77		
ILLINOIS		FED. AID PROJECT		





BILL OF MATERIALS		
US 150 (MEADOW)/ ARNOLD & IL 8 (WASHINGTON)		
ITEM DESCRIPTION	UNIT	QTY.
ACCESSIBLE PEDESTRIAN SIGNALS	EACH	12.0
PEDESTRIAN PUSH-BUTTON POST	EACH	2.0
ANCHOR BOLT SET, 1/2 DIAMETER, WITH WEDGE ANCHORS	EACH	5.0
UNDERGROUND CONDUIT, PVC, 1" DIA.	FOOT	
UNDERGROUND CONDUIT, PVC, 2" DIA.	FOOT	
DRILL EXISTING HANDHOLE	EACH	
TRAFFIC SIGNAL POST, GALVANIZED STEEL 11 FT.	EACH	
TRAFFIC SIGNAL POST, GALVANIZED STEEL 15 FT.	EACH	
CONCRETE FOUNDATION, TYPE A	FOOT	
ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 3C	FOOT	
ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 5C	FOOT	
SIGNAL HEAD, POLYCARBONATE, LED, 1-FACE, 3-SECTION, BRACKET MOUNTED	EACH	
PEDESTRIAN SIGNAL HEAD, POLYCARBONATE, LED, 1-FACE, BRACKET MOUNTED WITH COUNT DOWN TIMER	EACH	
PEDESTRIAN SIGNAL HEAD, POLYCARBONATE, LED, 2-FACE, BRACKET MOUNTED WITH COUNT DOWN TIMER	EACH	
TRAFFIC SIGNAL BACKPLATE, RETROREFLECTIVE	EACH	
ILLUMINATED SIGN (SPECIAL)	EACH	
SAW CUT FOR ELECTRICAL CABLE INSTALLATION, 5/16"	FOOT	
THHN WIRE ENCASED IN PVC TUBE, NO. 19/27 AWG	FOOT	
ELECTRIC CABLE IN CONDUIT, EQUIPMENT GROUNDING CONDUCTOR, NO. 6 1C	FOOT	
HANDHOLE, PORTLAND CEMENT CONCRETE	EACH	
CONTROLLER CABINET TYPE IV	EACH	
PEDESTRIAN PUSH-BUTTON POST (NO FOUNDATION)	EACH	

TRAFFIC SIGNAL HEAD SCHEDULE				
ITEM	UNIT	LOCATION (EX.)	LOCATION (PROP.)	PROP. QTY.
SH P LED 1F 3S BM	EACH	12		
SH P LED 1F 3S MAM	EACH	1,3,4,6,7,10,11		
SH P LED 1F 4S BM	EACH	8		
SH P LED 1F 4S MAM	EACH	2,9		
SH P LED 1F 5S BM	EACH	5		
PED SH P LED 1F BM CT	EACH		E,F,K,L	4.0
PED SH P LED 2F BM CT	EACH	C/D,I/J	A/B, G/H	2.0
TS BACKPLATE RET-REFL	EACH	1,2,3,4,6,7,9,10,11	5,8,12,13,14	5.0

APS SCHEDULE						
US 150 (MEADOW)/ ARNOLD & IL 8 (WASHINGTON)						
LABEL	LOCATION	INSTALLATION TYPE	MOUNTING BRACKET	CROSSING	WALK INDICATION	NOTES
P1	NE QUAD	EX. MAST ARM	DUAL	ARNOLD	SPEECH	RE-USE EXISTING WIRE
P2	NE QUAD		DUAL	WASHINGTON	SPEECH	
P3	NB RT ISLAND	PROP. PEDESTRIAN PUSHBUTTON POST	SINGLE	WASHINGTON	TONE	INSTALL NEW WIRE FROM APS TO EX. MAST ARM AND SPLICE WITH EX. WIRE IN MAST ARM BASE
P4	NB RT ISLAND	PROP. PEDESTRIAN PUSHBUTTON POST	SINGLE	MEADOW RIGHT TURN LANE	TONE	INSTALL NEW WIRE FROMAPS TO CONTROLLER
P5	NB RT ISLAND	PROP. PEDESTRIAN PUSHBUTTON POST	SINGLE	MEADOW	TONE	INSTALL NEW WIRE FROM APS TO EX. MAST ARM AND SPLICE WITH EX. WIRE IN MAST ARM BASE
P6	SE QUAD	PROP. TS POST (TS-1)	SINGLE	MEADOW RIGHT TURN LANE	TONE	INSTALL NEW WIRE FROMAPS TO CONTROLLER
P7	SW QUAD	PROP. PEDESTRIAN PUSHBUTTON POST	SINGLE	MEADOW	TONE	RE-USE EXISTING WIRE (INSTALL IN PROP. CONDUIT)
P8	SW QUAD	PROP. PEDESTRIAN PUSHBUTTON POST	SINGLE	WASHINGTON	TONE	RE-USE EXISTING WIRE (INSTALL IN PROP. CONDUIT)
P9	NW QUAD	PROP. PEDESTRIAN PUSHBUTTON POST	SINGLE	WASHINGTON	TONE	INSTALL NEW WIRE FROM APS TO EX. MAST ARM AND SPLICE WITH EX. WIRE IN MAST ARM BASE
P10	NW QUAD	PROP. PEDESTRIAN PUSHBUTTON POST	SINGLE	ARNOLD	TONE	INSTALL NEW WIRE FROM APS TO EX. MAST ARM AND SPLICE WITH EX. WIRE IN MAST ARM BASE
P11	SW QUAD	PROP. TS POST (TS-2)	SINGLE	WASHINGTON RIGHT TURN LANE	TONE	INSTALL NEW WIRE FROMAPS TO CONTROLLER
P12	SW QUAD	PROP. TS POST (TS-3)	SINGLE	WASHINGTON RIGHT TURN LANE	TONE	INSTALL NEW WIRE FROMAPS TO CONTROLLER

- NOTES:
- THE PROPOSED TS POSTS SHALL BE INSTALLED TO MINIMIZE THE NEED FOR ADDITIONAL APS BRACKETS TO MEET THE ADA 10 INCH REACH REQUIREMENT FOR APS. THE POSTS SHALL BE LOCATED TO ACCOMMODATE PARALLEL ALIGNMENT BETWEEN THE APS SIGN HOUSING AND THE CROSSWALK.
  - THE CONTRACTOR SHALL RELOCATE THE EXISTING DETECTION EQUIPMENT, COMMUNICATIONS EQUIPMENT, CCTV EQUIPMENT, ETC. AND RE-INSTALL WITH THE PROPOSED CABINET. THE CONTRACTOR SHALL VERIFY THAT ALL EXISITNG EQUIPMENT FUNCTIONS PROPERLY AFTER RE-INSTALLATION. THE COST OF THIS WORK SHALL BE INCLUDED IN THE BID PRICE OF THE CONTROLLER CABINET TYPE IV.

FONDULAC TOWNSHIP

40.668579, -89.561718

USER NAME	= Trevor,Hanson
PLOT SCALE	= 23,8272 * / in.
PLOT DATE	= 8/22/2023

DESIGNED -	REVISD -
DRAWN -	REVISED -
CHECKED -	REVISED -
DATE -	REVISED -

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

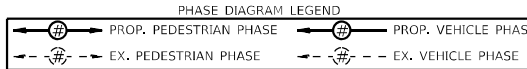
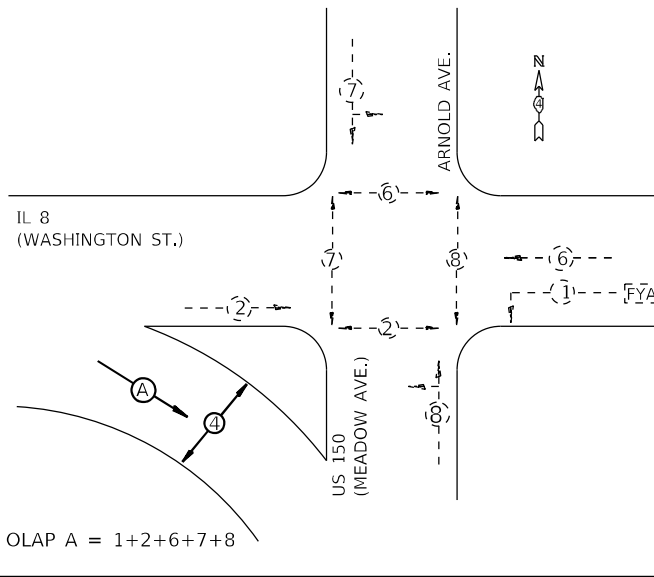
PROPOSED ACCESSIBLE PEDESTRIAN SIGNALS  
IL 8 & US 150 (MEADOW AVE.)/ ARNOLD AVE. - EAST PEORIA

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR.	D4 ADA PUSHBUTTONS 2024-1	TAZEWELL	76	55
CONTRACT NO. 68H77				
ILLINOIS FED. AID PROJECT				

THE CONTRACTOR SHALL FIELD VERIFY PHASE DIAGRAM  
PRIOR TO ORDERING PROPOSED CONTROLLER CABINET.

US 150 (MEADOW)/ ARNOLD & IL 8 (WASHINGTON)

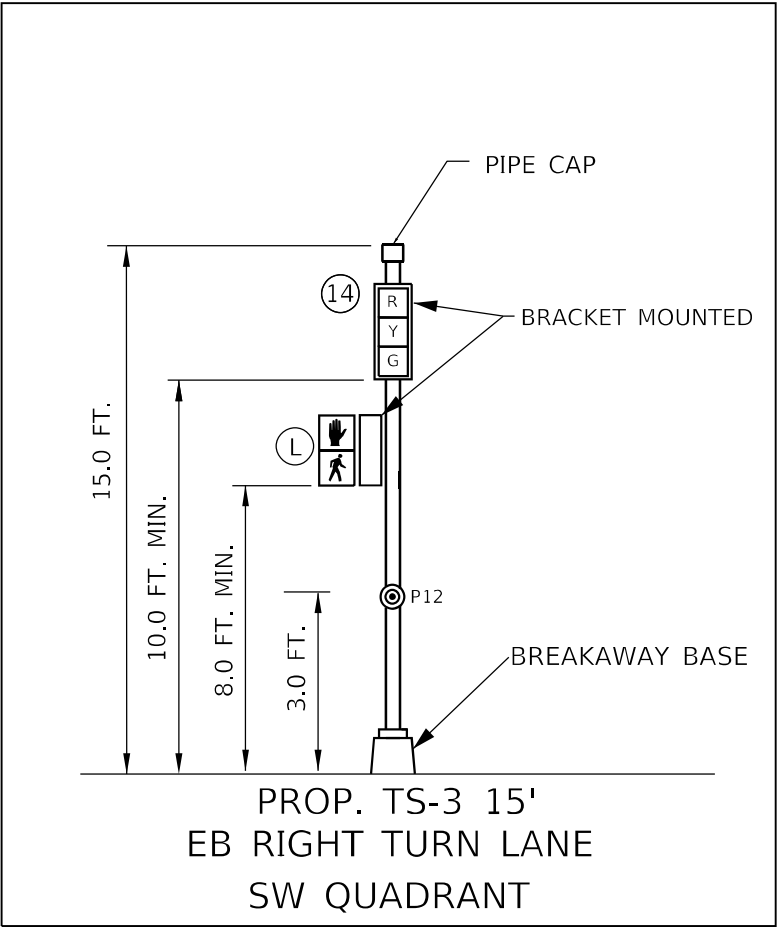
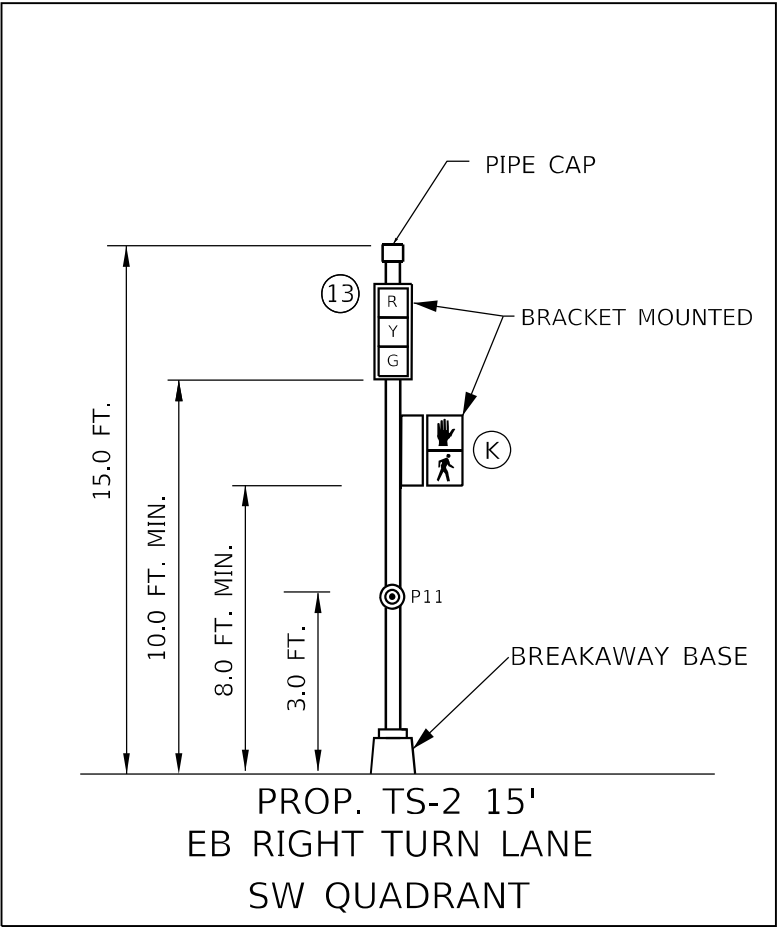
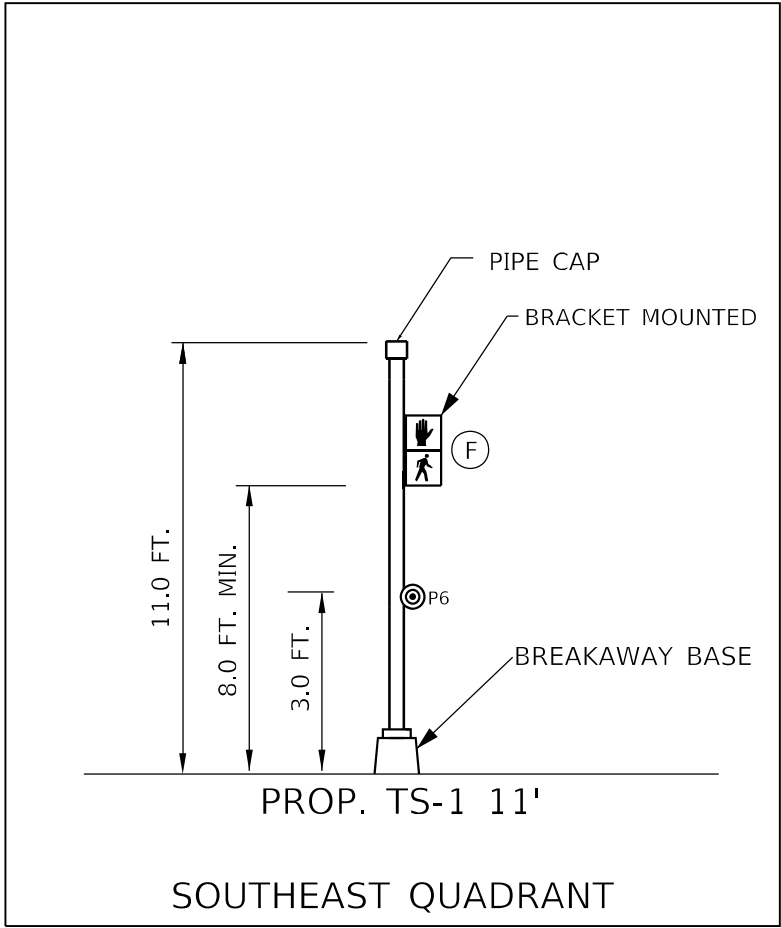


APS LEGEND

- PROP. APS INSTALLED ON PROP. PEDESTRIAN PUSHBUTTON POST (NO FOUNDATION) ON EX. SIDEWALK, WITH ANCHOR BOLT SET, 1/2 DIAMETER, WITH WEDGE ANCHORS
- PROP. APS INSTALLED ON PROP. PEDESTRIAN PUSHBUTTON POST (NO FOUNDATION) ON EX. ISLAND SURFACE, WITH ANCHOR BOLT SET, 1/2 DIAMETER, WITH WEDGE ANCHORS
- PROP. APS INSTALLED ON PROP. PEDESTRIAN PUSHBUTTON POST (NO FOUNDATION) ON EX. SIDEWALK CURB, WITH ANCHOR BOLT SET 1/2 DIAMETER, WITH WEDGE ANCHORS
- PROP. APS INSTALLED ON PROP. PEDESTRIAN PUSHBUTTON POST (CONCRETE FOUNDATION)
- PROP. APS INSTALLED ON EX. MAST ARM STRAIN POLE
- PROP. APS INSTALLED ON EX. TRAFFIC SIGNAL POST OR LIGHT POLE
- PROP. APS INSTALLED ON EX. PEDESTRIAN PUSHBUTTON POST
- PROP. APS INSTALLED ON PROP. TRAFFIC SIGNAL POST

NOT TO SCALE



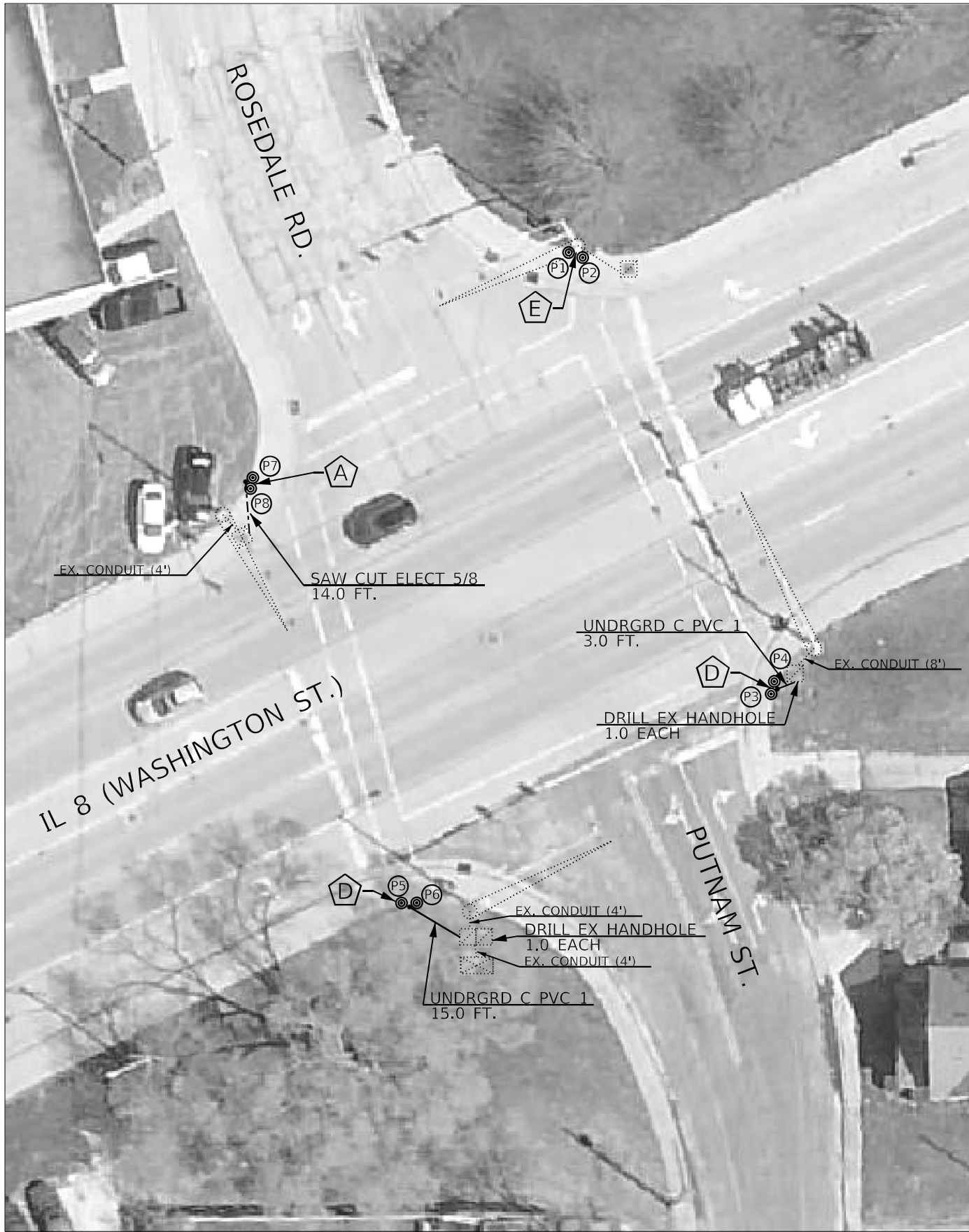


NOTES:  
1. THE PROPOSED TS POSTS SHALL BE INSTALLED TO MINIMIZE THE NEED FOR ADDITIONAL APS BRACKETS TO MEET THE ADA 10 INCH REACH REQUIREMENT FOR APS. THE POSTS SHALL BE LOCATED TO ACCOMODATE PARALLEL ALGINMENT BETWEEN THE APS SIGN HOUSING AND THE CROSSWALK.

MODEL: Default  
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DATE: 8/22/2023  
USER: ANI  
PROJECT: IL 8 & US 150 (WASHINGTON)/ ARNOLD - EAST PEORIA  
SHEET: 76 OF 76  
CONTRACT NO. 68H77

	USER NAME = Trevor,Hanson	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PROPOSED TRAFFIC SIGNAL POST DETAILS IL 8 & US 150 (WASHINGTON)/ ARNOLD - EAST PEORIA				F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
		DRAWN -	REVISED -						VAR.	D4 ADA PUSHBUTTONS 2024-1	TAZEWELL	76	56	
	PLOT SCALE = 23,8272 ' / in.	CHECKED -	REVISED -		CONTRACT NO. 68H77									
	PLOT DATE = 8/22/2023	DATE -	REVISED -		SCALE:	SHEET	OF	SHEETS	STA.	TO STA.				
					ILLINOIS FED. AID PROJECT									

NOT TO SCALE



FONDULAC TOWNSHIP  
40.669929, -89.556663

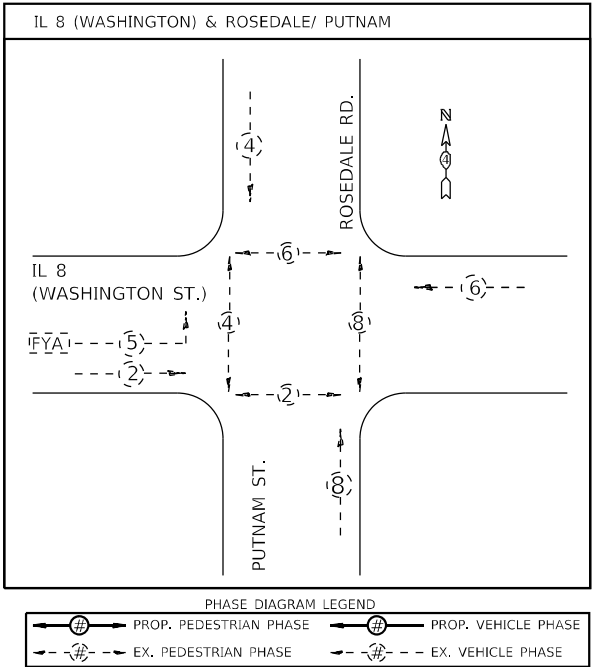


BILL OF MATERIALS		
IL 8 (WASHINGTON) & ROSEDALE/ PUTNAM		
ITEM DESCRIPTION	UNIT	QTY.
ACCESSIBLE PEDESTRIAN SIGNALS	EACH	8.0
PEDESTRIAN PUSH-BUTTON POST	EACH	2.0
ANCHOR BOLT SET, 1/2 DIAMETER, WITH WEDGE ANCHORS	EACH	1.0
SAW CUT FOR ELECTRICAL CABLE INSTALLATION, 5/8"	FOOT	14.0
THHN WIRE ENCASED IN PVC TUBE, NO. 19/27 AWG	FOOT	134.0
UNDERGROUND CONDUIT, PVC, 1" DIA.	FOOT	18.0
DRILL EXISTING HANDHOLE	EACH	2.0
PEDESTRIAN PUSH-BUTTON POST (NO FOUNDATION)	EACH	1.0
TRAFFIC SIGNAL BACKPLATE, RETROREFLECTIVE	EACH	1.0

NOTES:

- THE CONTRACTOR SHALL REMOVE AND DISPOSE OF THE ALL EXISTING PEDESTRIAN PUSHBUTTONS (2 IN NE, SE, NW QUADRANT AND 3 IN SW QUADRANT) AND SHALL INSTALL THE PROPOSED ACCESSIBLE PEDESTRIAN SIGNALS AS SHOWN IN THE PLANS AND APS SCHEDULE. THIS WORK SHALL BE INCLUDED IN THE BID PRICE OF THE ACCESSIBLE PEDESTRIAN SIGNALS.
- THE CONTRACTOR SHALL PLUG ANY HOLES FROM REMOVED PUSHBUTTONS WITH A STAINLESS STEEL BOLT. THE COST OF THIS WORK WILL NOT BE PAID FOR SEPARATELY, BUT SHALL BE INCLUDED IN THE BID PRICE OF THE ACCESSIBLE PEDESTRIAN SIGNALS.

APS SCHEDULE							
IL 8 (WASHINGTON) & ROSEDALE/ PUTNAM							
LABEL	LOCATION	INSTALLATION TYPE	MOUNTING BRACKET	CROSSING	WALK INDICATION	WIRING NOTES	NOTES
P1	NE QUAD	EX. MAST ARM	DUAL	ROSEDALE	SPEECH	RE-USE EXISTING WIRE	
P2	NE QUAD		DUAL	WASHINGTON	SPEECH		
P3	SE QUAD	PROP. PEDESTRIAN	DUAL	WASHINGTON	SPEECH	RE-USE EXISTING WIRE (INSTALL IN PROP. CONDUIT)	PROP. CONDUIT FROM PROP. PUSHBUTTON POST TO EX. HANDHOLE
P4	SE QUAD	PUSHBUTTON POST	DUAL	PUTNAM	SPEECH		
P5	SW QUAD	PROP. PEDESTRIAN	DUAL	PUTNAM	SPEECH	RE-USE EXISTING WIRE (INSTALL IN PROP. CONDUIT)	PROP. CONDUIT FROM PROP. PUSHBUTTON POST TO EX. DOUBLE HANDHOLE
P6	SW QUAD	PUSHBUTTON POST	DUAL	WASHINGTON	SPEECH		
P7	NW QUAD	PROP. PEDESTRIAN PUSHBUTTON POST (NO FOUNDATION)	DUAL	WASHINGTON	SPEECH	INSTALL NEW WIRE FROM APS TO EX. MAST ARM AND SPLICE WITH EX. WIRE IN MAST ARM BASE	PROP. SAW CUT FROM PROP. PUSHBUTTON POST TO EX. HANDHOLE
P8	NW QUAD		DUAL	ROSEDALE	SPEECH		



APS LEGEND

- PROP. APS INSTALLED ON PROP. PEDESTRIAN PUSHBUTTON POST (NO FOUNDATION) ON EX. SIDEWALK, WITH ANCHOR BOLT SET, 1/2 DIAMETER, WITH WEDGE ANCHORS
- PROP. APS INSTALLED ON PROP. PEDESTRIAN PUSHBUTTON POST (NO FOUNDATION) ON EX. ISLAND SURFACE, WITH ANCHOR BOLT SET, 1/2 DIAMETER, WITH WEDGE ANCHORS
- PROP. APS INSTALLED ON PROP. PEDESTRIAN PUSHBUTTON POST (NO FOUNDATION) ON EX. SIDEWALK CURB, WITH ANCHOR BOLT SET 1/2 DIAMETER, WITH WEDGE ANCHORS
- PROP. APS INSTALLED ON PROP. PEDESTRIAN PUSHBUTTON POST (CONCRETE FOUNDATION)
- PROP. APS INSTALLED ON EX. MAST ARM STRAIN POLE
- PROP. APS INSTALLED ON EX. TRAFFIC SIGNAL POST OR LIGHT POLE
- PROP. APS INSTALLED ON EX. PEDESTRIAN PUSHBUTTON POST
- PROP. APS INSTALLED ON PROP. TRAFFIC SIGNAL POST

NOT TO SCALE

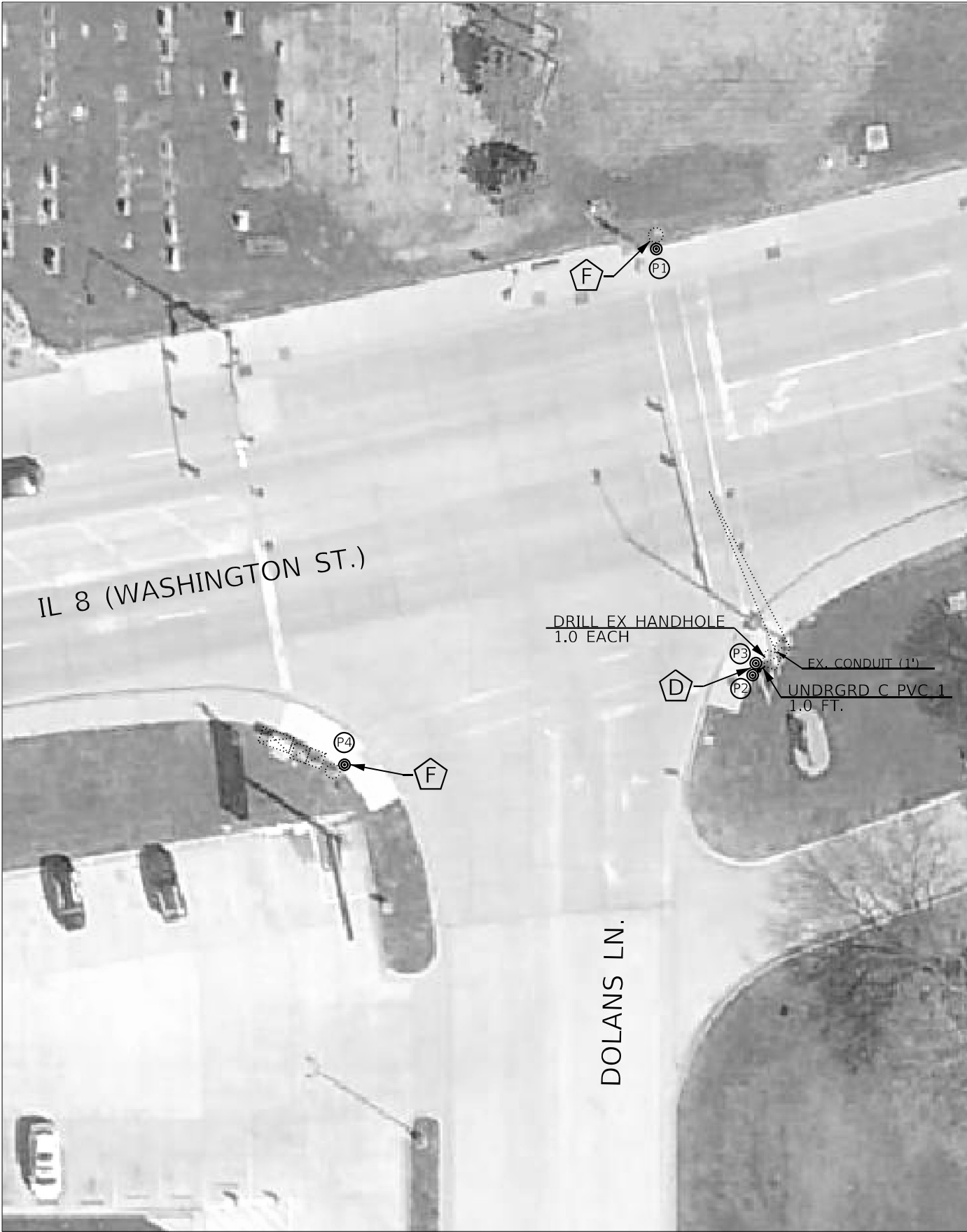
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USER NAME = Trevor.Hanson	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 23,8272' = 1 in.	CHECKED -	REVISED -
PLOT DATE = 8/22/2023	DATE -	REVISED -

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

PROPOSED ACCESSIBLE PEDESTRIAN SIGNALS			
IL 8 (WASHINGTON ST.) & ROSEDALE/ PUTNAM - EAST PEORIA			
SCALE:	SHEET	OF	SHEETS
STA.	TO	STA.	

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR.	D4 ADA PUSHBUTTONS 2024-1	TAZEWELL	76	57
CONTRACT NO. 68H77				
ILLINOIS				FED. AID PROJECT

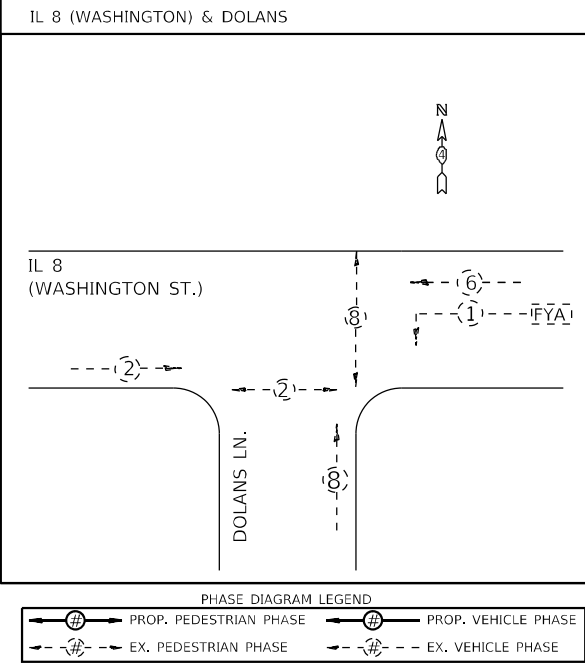


FONDULAC TOWNSHIP  
40.672535, -89.547569



BILL OF MATERIALS		
IL 8 (WASHINGTON) & DOLANS		
ITEM DESCRIPTION	UNIT	QTY.
ACCESSIBLE PEDESTRIAN SIGNALS	EACH	4.0
PEDESTRIAN PUSH-BUTTON POST	EACH	1.0
UNDERGROUND CONDUIT, PVC, 1" DIA.	FOOT	1.0
DRILL EXISTING HANDHOLE	EACH	1.0
TRAFFIC SIGNAL BACKPLATE, RETROREFLECTIVE	EACH	2.0

APS SCHEDULE							
IL 8 (WASHINGTON) & DOLANS							
LABEL	LOCATION	INSTALLATION TYPE	MOUNTING BRACKET	CROSSING	WALK INDICATION	WIRING NOTES	NOTES
P1	NE QUAD	EX. TS POST	SINGLE	WASHINGTON	tone	RE-USE EXISTING WIRE	
P2	SE QUAD	PROP. PEDESTRIAN	DUAL	WASHINGTON	SPEECH	RE-USE EXISTING WIRE (INSTALL IN PROP. CONDUIT)	PROP. CONDUIT FROM PROP. PUSHBUTTON POST TO EX. HANDHOLE
P3	SE QUAD	PUSHBUTTON POST	DUAL	DOLANS	SPEECH		
P4	SW QUAD	EX. TS POST	SINGLE	DOLANS	tone	RE-USE EXISTING WIRE	



APS LEGEND	
	PROP. APS INSTALLED ON PROP. PEDESTRIAN PUSHBUTTON POST (NO FOUNDATION) ON EX. SIDEWALK, WITH ANCHOR BOLT SET, 1/2 DIAMETER, WITH WEDGE ANCHORS
	PROP. APS INSTALLED ON PROP. PEDESTRIAN PUSHBUTTON POST (NO FOUNDATION) ON EX. ISLAND SURFACE, WITH ANCHOR BOLT SET 1/2 DIAMETER, WITH WEDGE ANCHORS
	PROP. APS INSTALLED ON PROP. PEDESTRIAN PUSHBUTTON POST (CONCRETE FOUNDATION)
	PROP. APS INSTALLED ON PROP. PEDESTRIAN PUSHBUTTON POST (CONCRETE FOUNDATION)
	PROP. APS INSTALLED ON EX. MAST ARM STRAIN POLE
	PROP. APS INSTALLED ON EX. TRAFFIC SIGNAL POST OR LIGHT POLE
	PROP. APS INSTALLED ON EX. PEDESTRIAN PUSHBUTTON POST
	PROP. APS INSTALLED ON PROP. TRAFFIC SIGNAL POST

MODEL: Default  
FILE NAME: S:\ENR\W\ORD\DESIGN\AN\Hanson\# APS\68H77 (D4 ADA PushButtons\_2024-1) (08-22-23).dgn

	USER NAME = Trevor.Hanson	DESIGNED -	REVISED -
		DRAWN -	REVISED -
	PLOT SCALE = 23,8272' = 1 in.	CHECKED -	REVISED -
	PLOT DATE = 8/22/2023	DATE -	REVISED -

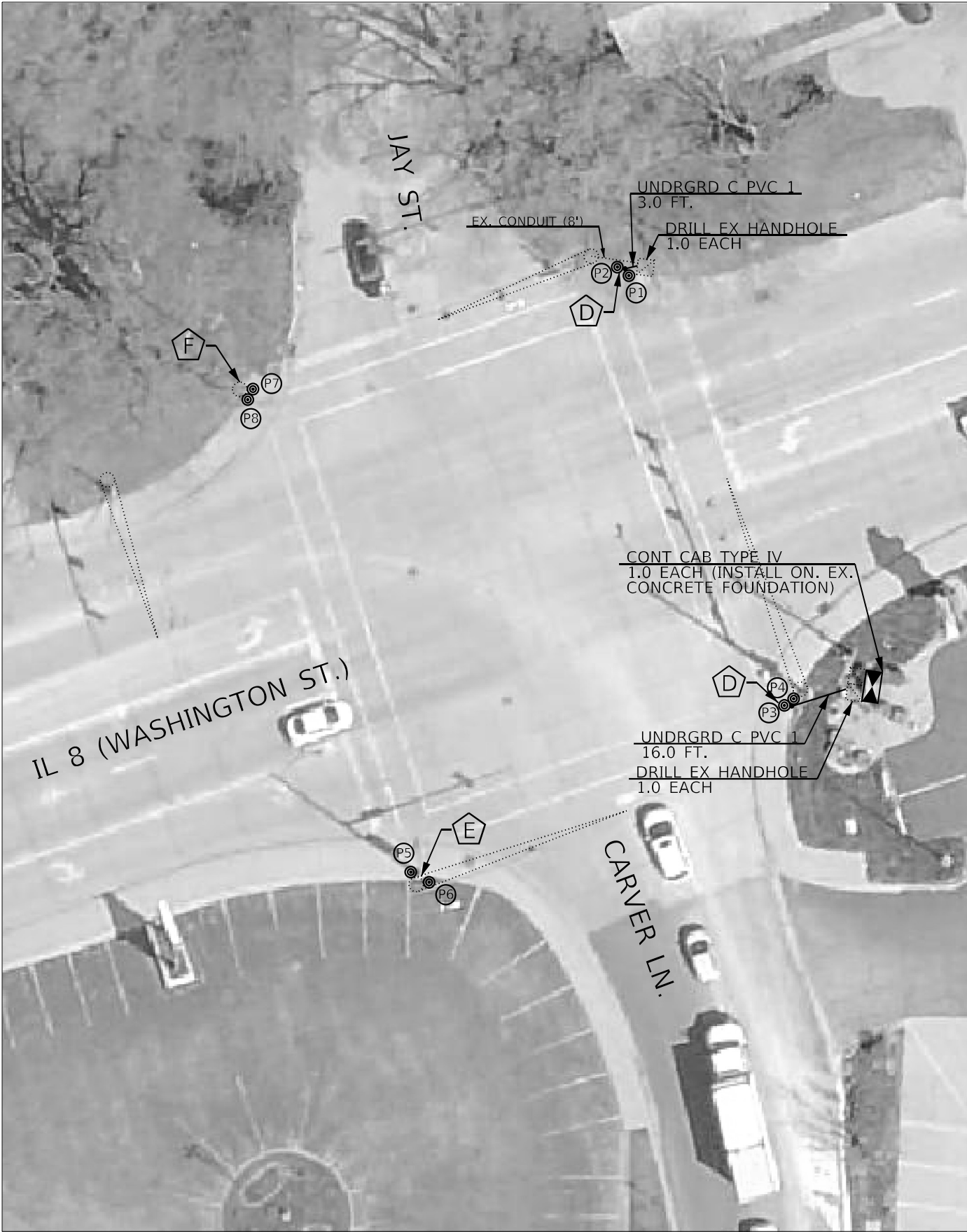
STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

PROPOSED ACCESSIBLE PEDESTRIAN SIGNALS			
IL 8 (WASHINGTON ST.) & DOLANS LN. - EAST PEORIA			
SCALE:	SHEET	OF	SHEETS
STA.	TO	STA.	TO

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR.	D4 ADA PUSHBUTTONS 2024-1	TAZEWELL	76	58
				CONTRACT NO. 68H77
				ILLINOIS FED. AID PROJECT

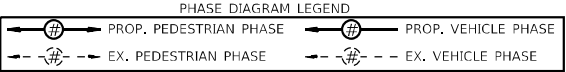
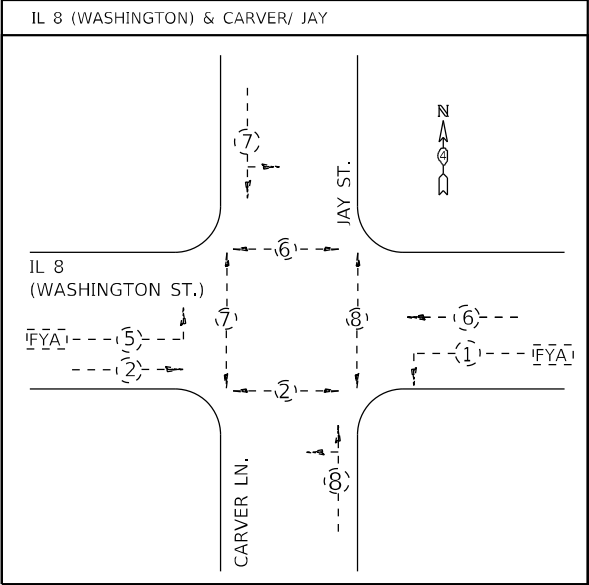
NOT TO SCALE





BILL OF MATERIALS		
IL 8 (WASHINGTON) & CARVER/ JAY		
ITEM DESCRIPTION	UNIT	QTY.
ACCESSIBLE PEDESTRIAN SIGNALS	EACH	8.0
PEDESTRIAN PUSH-BUTTON POST	EACH	2.0
UNDERGROUND CONDUIT, PVC, 1" DIA.	FOOT	19.0
DRILL EXISTING HANDHOLE	EACH	2.0
TRAFFIC SIGNAL BACKPLATE, RETROREFLECTIVE	EACH	5.0
CONTROLLER CABINET TYPE IV	EACH	1.0

APS SCHEDULE							
IL 8 (WASHINGTON) & CARVER/ JAY							
LABEL	LOCATION	INSTALLATION TYPE	MOUNTING BRACKET	CROSSING	WALK INDICATION	WIRING NOTES	NOTES
P1	NE QUAD	PROP. PEDESTRIAN	DUAL	JAY	SPEECH	RE-USE EXISTING WIRE (INSTALL IN PROP. CONDUIT)	PROP. CONDUIT FROM PROP. PUSHBUTTON POST TO EX. HANDHOLE
P2	NE QUAD	PUSHBUTTON POST	DUAL	WASHINGTON	SPEECH		
P3	SE QUAD	PROP. PEDESTRIAN	DUAL	WASHINGTON	SPEECH	RE-USE EXISTING WIRE (INSTALL IN PROP. CONDUIT)	PROP. CONDUIT FROM PROP. PUSHBUTTON POST TO EX. DOUBLE HANDHOLE
P4	SE QUAD	PUSHBUTTON POST	DUAL	CARVER	SPEECH		
P5	SW QUAD	EX. MAST ARM	DUAL	CARVER	SPEECH	RE-USE EXISTING WIRE	
P6	SW QUAD		DUAL	WASHINGTON	SPEECH		
P7	NW QUAD	EX. TS POST	DUAL	WASHINGTON	SPEECH	RE-USE EXISTING WIRE	
P8	NW QUAD		DUAL	JAY	SPEECH		



THE CONTRACTOR SHALL FIELD VERIFY PHASE DIAGRAM PRIOR TO ORDERING PROPOSED CONTROLLER CABINET.

APS LEGEND	
	PROP. APS INSTALLED ON PROP. PEDESTRIAN PUSHBUTTON POST (NO FOUNDATION) ON EX. SIDEWALK, WITH ANCHOR BOLT SET, 1/2 DIAMETER, WITH WEDGE ANCHORS
	PROP. APS INSTALLED ON PROP. PEDESTRIAN PUSHBUTTON POST (NO FOUNDATION) ON EX. ISLAND SURFACE, WITH ANCHOR BOLT SET, 1/2 DIAMETER, WITH WEDGE ANCHORS
	PROP. APS INSTALLED ON PROP. PEDESTRIAN PUSHBUTTON POST (NO FOUNDATION) ON EX. SIDEWALK CURB, WITH ANCHOR BOLT SET 1/2 DIAMETER, WITH WEDGE ANCHORS
	PROP. APS INSTALLED ON PROP. PEDESTRIAN PUSHBUTTON POST (CONCRETE FOUNDATION)
	PROP. APS INSTALLED ON EX. MAST ARM STRAIN POLE
	PROP. APS INSTALLED ON EX. TRAFFIC SIGNAL POST OR LIGHT POLE
	PROP. APS INSTALLED ON EX. PEDESTRIAN PUSHBUTTON POST
	PROP. APS INSTALLED ON PROP. TRAFFIC SIGNAL POST

FONDULAC TOWNSHIP  
40.674473, -89.539659

USER NAME = Trevor, Hanson	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 23,8272' = 1 in.	CHECKED -	REVISED -
PLOT DATE = 8/22/2023	DATE -	REVISED -

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

PROPOSED ACCESSIBLE PEDESTRIAN SIGNALS  
IL 8 (WASHINGTON ST.) & CARVER LN/ JAY ST. - EAST PEORIA

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR.	D4 ADA PUSHBUTTONS 2024-1	TAZEWELL	76	59
CONTRACT NO. 68H77				
ILLINOIS FED. AID PROJECT				

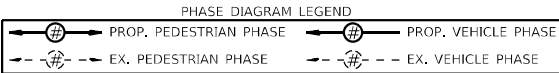
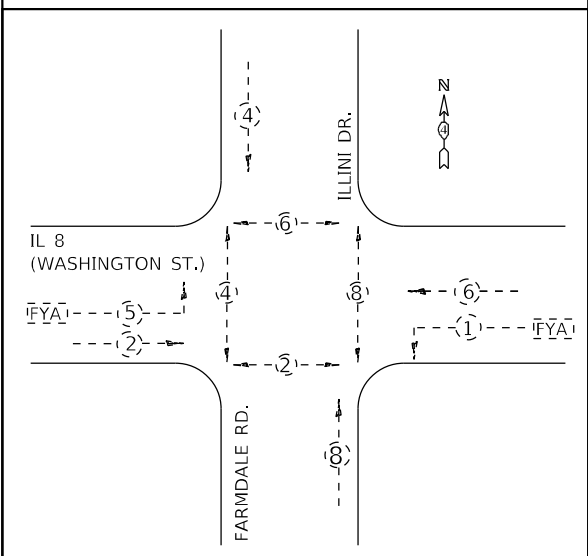
NOT TO SCALE



BILL OF MATERIALS		
IL 8 (WASHINGTON) & FARMDALE/ ILLINI		
ITEM DESCRIPTION	UNIT	QTY.
ACCESSIBLE PEDESTRIAN SIGNALS	EACH	8.0
PEDESTRIAN PUSH-BUTTON POST	EACH	1.0
UNDERGROUND CONDUIT, PVC, 1" DIA.	FOOT	6.0
DRILL EXISTING HANDHOLE	EACH	1.0
SAW CUT FOR ELECTRICAL CABLE INSTALLATION, 5/16"	FOOT	35.0
THHN WIRE ENCASED IN PVC TUBE, NO. 19/27 AWG	FOOT	129.0
APS EXTENSION BRACKET	EACH	2.0
TRAFFIC SIGNAL BACKPLATE, RETROREFLECTIVE	EACH	5.0
PEDESTRIAN PUSH-BUTTON POST (NO FOUNDATION)	EACH	1.0
ANCHOR BOLT SET, 1/2 DIAMETER, WITH WEDGE ANCHORS	EACH	1.0
CONTROLLER CABINET TYPE IV	EACH	1.0

APS SCHEDULE							
IL 8 (WASHINGTON) & FARMDALE/ ILLINI							
LABEL	LOCATION	INSTALLATION TYPE	MOUNTING BRACKET	CROSSING	WALK INDICATION	WIRING NOTES	NOTES
P1	NE QUAD	EX. MAST ARM	DUAL	ILLINI	SPEECH	RE-USE EXISTING WIRE	
P2	NE QUAD		DUAL	WASHINGTON	SPEECH		
P3	SE QUAD	EX. MAST ARM	SINGLE	WASHINGTON	tone	RE-USE EXISTING WIRE	
P4	SE QUAD	PROP. PEDESTRIAN PUSHBUTTON POST	SINGLE	FARMDALE	tone	RE-USE EXISTING WIRE (INSTALL IN PROP. CONDUIT)	PROP. CONDUIT FROM PROP. PUSHBUTTON POST TO EX. HANDHOLE
P5	SW QUAD	EX. MAST ARM	DUAL*	FARMDALE	SPEECH	RE-USE EXISTING WIRE	
P6	SW QUAD		DUAL*	WASHINGTON	SPEECH		
P7	NW QUAD	EX. TS POST	SINGLE	WASHINGTON	tone	RE-USE EXISTING WIRE	
P8	NW QUAD	PROP. PEDESTRIAN PUSHBUTTON POST (NO FOUNDATION)	SINGLE	ILLINI	tone	INSTALL NEW WIRE FROM APS TO EX. TS AND SPLICE WITH EX. WIRE IN TS BASE	PROP. SAW CUT FROM PROP. PUSHBUTTON POST TO EX. HANDHOLE
* FURNISH AND INSTALL ONE APS EXTENSION BRACKET PER PUSHBUTTON							

IL 8 (WASHINGTON) & FARMDALE/ ILLINI



THE CONTRACTOR SHALL FIELD VERIFY PHASE DIAGRAM PRIOR TO ORDERING PROPOSED CONTROLLER CABINET.

APS LEGEND

- PROP. APS INSTALLED ON PROP. PEDESTRIAN PUSHBUTTON POST (NO FOUNDATION) ON EX. SIDEWALK, WITH ANCHOR BOLT SET, 1/2 DIAMETER, WITH WEDGE ANCHORS
- PROP. APS INSTALLED ON PROP. PEDESTRIAN PUSHBUTTON POST (NO FOUNDATION) ON EX. ISLAND SURFACE, WITH ANCHOR BOLT SET, 1/2 DIAMETER, WITH WEDGE ANCHORS
- PROP. APS INSTALLED ON PROP. PEDESTRIAN PUSHBUTTON POST (NO FOUNDATION) ON EX. SIDEWALK CURB, WITH ANCHOR BOLT SET 1/2 DIAMETER, WITH WEDGE ANCHORS
- PROP. APS INSTALLED ON PROP. PEDESTRIAN PUSHBUTTON POST (CONCRETE FOUNDATION)
- PROP. APS INSTALLED ON EX. MAST ARM STRAIN POLE
- PROP. APS INSTALLED ON EX. TRAFFIC SIGNAL POST OR LIGHT POLE
- PROP. APS INSTALLED ON EX. PEDESTRIAN PUSHBUTTON POST
- PROP. APS INSTALLED ON PROP. TRAFFIC SIGNAL POST

FONDULAC TOWNSHIP

40.676012, -89.535267

USER NAME = Trevor, Hanson PLOT SCALE = 23,8272' = 1 in. PLOT DATE = 8/22/2023	DESIGNED -	REVISED -
	DRAWN -	REVISED -
	CHECKED -	REVISED -
	DATE -	REVISED -

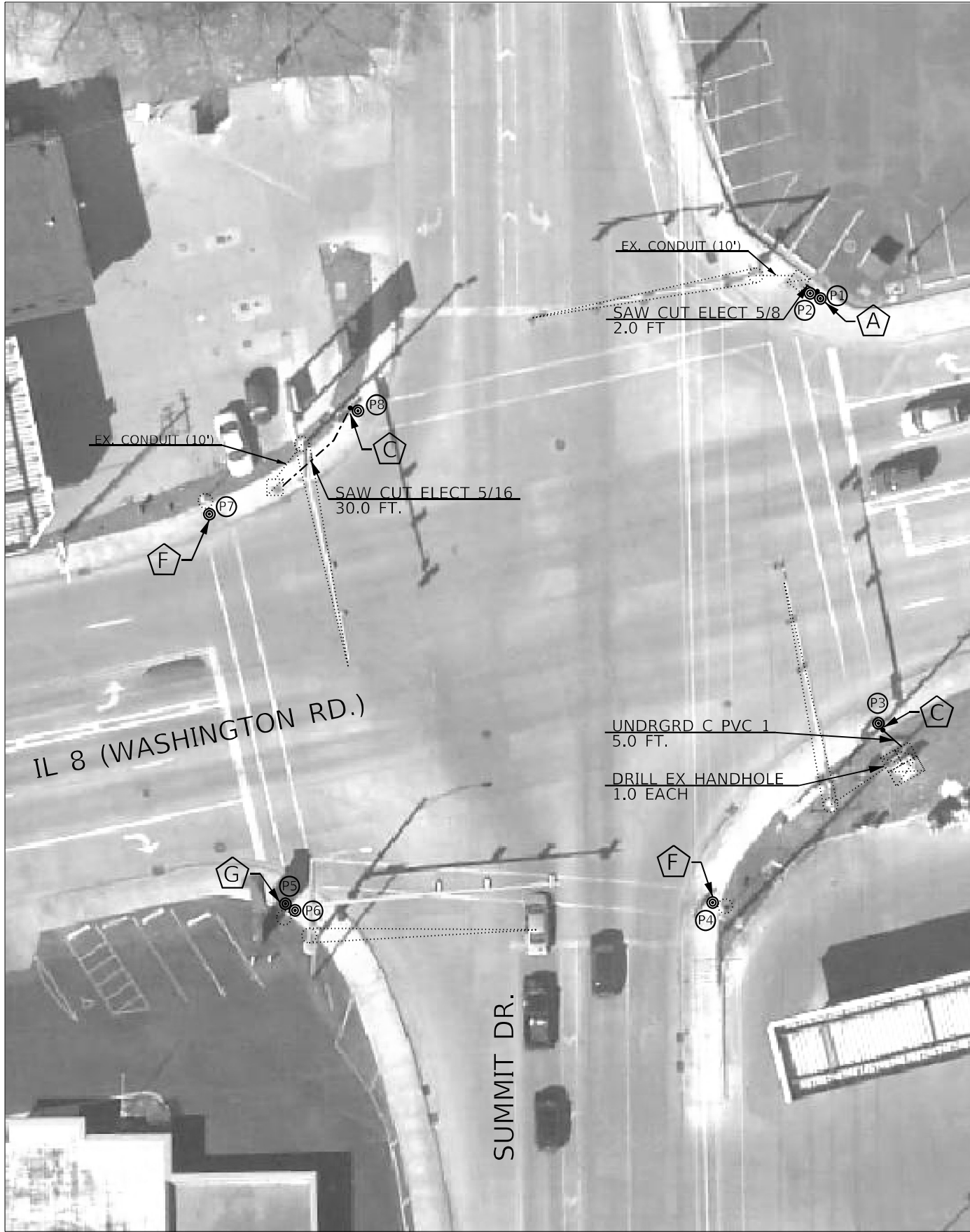
STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

PROPOSED ACCESSIBLE PEDESTRIAN SIGNALS  
IL 8 (WASHINGTON ST.) & ILLINI/ FARMDALE - EAST PEORIA

SCALE: SHEET OF SHEETS STA. TO STA.

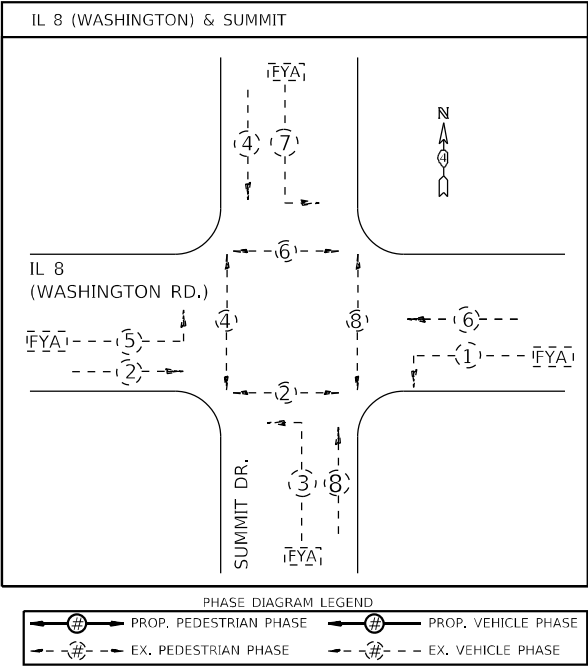
F.A.P. RTE.		SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR.	D4 ADA PUSHBUTTONS 2024-1	TAZEWELL	76	60	
CONTRACT NO. 68H77					
ILLINOIS FED. AID PROJECT					

NOT TO SCALE



BILL OF MATERIALS		
IL 8 (WASHINGTON) & SUMMIT		
ITEM DESCRIPTION	UNIT	QTY.
ACCESSIBLE PEDESTRIAN SIGNALS	EACH	8.0
PEDESTRIAN PUSH-BUTTON POST (NO FOUNDATION)	EACH	3.0
ANCHOR BOLT SET, 1/2 DIAMETER, WITH WEDGE ANCHORS	EACH	3.0
UNDERGROUND CONDUIT, PVC, 1" DIA.	FOOT	5.0
DRILL EXISTING HANDHOLE	EACH	1.0
SAW CUT FOR ELECTRICAL CABLE INSTALLATION, 5/16"	FOOT	30.0
SAW CUT FOR ELECTRICAL CABLE INSTALLATION, 5/8"	FOOT	2.0
THHN WIRE ENCASED IN PVC TUBE, NO. 19/27 AWG	FOOT	221.0
TRAFFIC SIGNAL BACKPLATE, RETROREFLECTIVE	EACH	4.0

APS SCHEDULE							
IL 8 (WASHINGTON) & SUMMIT							
LABEL	LOCATION	INSTALLATION TYPE	MOUNTING BRACKET	CROSSING	WALK INDICATION	WIRING NOTES	NOTES
P1	NE QUAD	PROP. PEDESTRIAN PUSHBUTTON POST (NO FOUNDATION)	DUAL	SUMMIT	SPEECH	INSTALL NEW WIRE FROM APS TO EX. MAST ARM AND SPLICE WITH EX. WIRE IN MAST ARM BASE	PROP. SAW CUT FROM PROP. PUSHBUTTON POST TO EX. HANDHOLE
P2	NE QUAD		DUAL	WASHINGTON	SPEECH		
P3	SE QUAD	PROP. PEDESTRIAN PUSHBUTTON POST (NO FOUNDATION)	SINGLE	WASHINGTON	tone	RE-USE EXISTING WIRE (INSTALL IN PROP. CONDUIT)	PROP. CONDUIT FROM PROP. PUSHBUTTON POST TO EX. DOUBLE HANDHOLE
P4	SE QUAD	EX. TS POST	SINGLE	SUMMIT	tone	RE-USE EXISTING WIRE	
P5	SW QUAD	EX. PEDESTRIAN PUSHBUTTON POST	DUAL	SUMMIT	SPEECH	RE-USE EXISTING WIRE	
P6	SW QUAD	EX. TS POST	DUAL	WASHINGTON	SPEECH	RE-USE EXISTING WIRE	
P7	NW QUAD	EX. TS POST	SINGLE	WASHINGTON	tone	RE-USE EXISTING WIRE	
P8	NW QUAD	PROP. PEDESTRIAN PUSHBUTTON POST (NO FOUNDATION)	SINGLE	SUMMIT	tone	INSTALL NEW WIRE FROM APS TO EX. MAST ARM AND SPLICE WITH EX. WIRE IN MAST ARM BASE	PROP. SAW CUT FROM PROP. PUSHBUTTON POST TO EX. HANDHOLE



APS LEGEND	
	PROP. APS INSTALLED ON PROP. PEDESTRIAN PUSHBUTTON POST (NO FOUNDATION) ON EX. SIDEWALK, WITH ANCHOR BOLT SET, 1/2 DIAMETER, WITH WEDGE ANCHORS
	PROP. APS INSTALLED ON PROP. PEDESTRIAN PUSHBUTTON POST (NO FOUNDATION) ON EX. ISLAND SURFACE, WITH ANCHOR BOLT SET 1/2 DIAMETER, WITH WEDGE ANCHORS
	PROP. APS INSTALLED ON PROP. PEDESTRIAN PUSHBUTTON POST (CONCRETE FOUNDATION)
	PROP. APS INSTALLED ON EX. MAST ARM STRAIN POLE
	PROP. APS INSTALLED ON EX. TRAFFIC SIGNAL POST OR LIGHT POLE
	PROP. APS INSTALLED ON EX. PEDESTRIAN PUSHBUTTON POST
	PROP. APS INSTALLED ON PROP. TRAFFIC SIGNAL POST

WASHINGTON TOWNSHIP  
40.692912, -89.483318

USER NAME = Trevor.Hanson	DESIGNED -	REVISED -
PLOT SCALE = 23,8272' = 1 in.	DRAWN -	REVISED -
PLOT DATE = 8/22/2023	CHECKED -	REVISED -
	DATE -	REVISED -

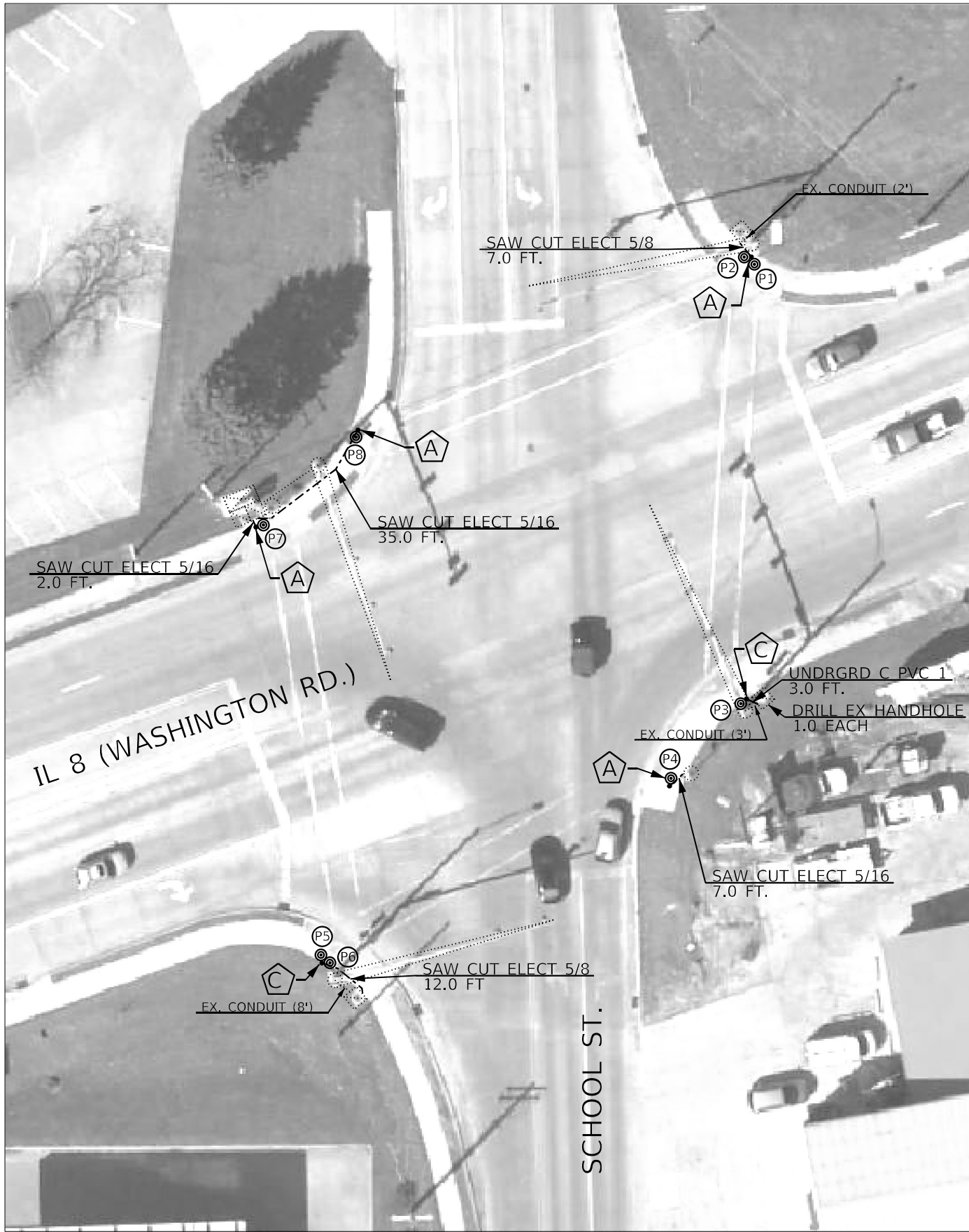
STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

PROPOSED ACCESSIBLE PEDESTRIAN SIGNALS			
IL 8 (WASHINGTON RD.) & SUMMIT DR. - WASHINGTON			
SCALE:	SHEET	OF	SHEETS
STA.	TO	STA.	TO

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR.	D4 ADA PUSHBUTTONS 2024-1	TAZEWELL	76	61
CONTRACT NO. 68H77				
ILLINOIS FED. AID PROJECT				

NOT TO SCALE



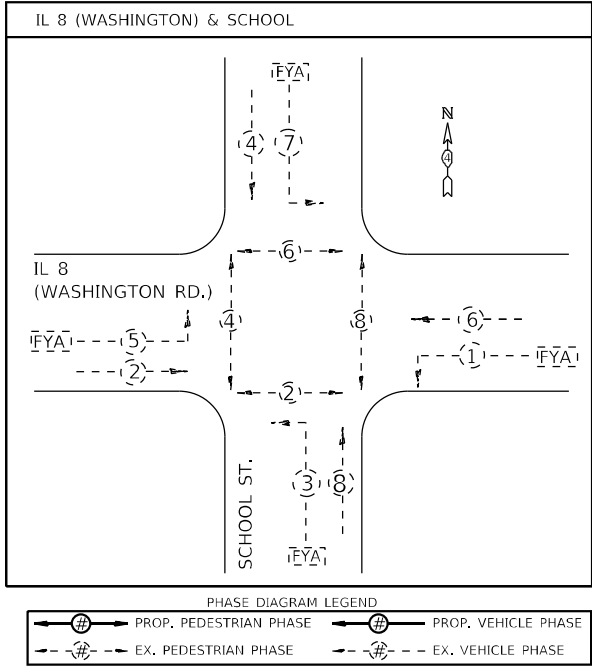


WASHINGTON TOWNSHIP  
40.695036, -89.474382



BILL OF MATERIALS		
IL 8 (WASHINGTON) & SCHOOL		
ITEM DESCRIPTION	UNIT	QTY.
ACCESSIBLE PEDESTRIAN SIGNALS	EACH	8.0
PEDESTRIAN PUSH-BUTTON POST (NO FOUNDATION)	EACH	6.0
ANCHOR BOLT SET, 1/2 DIAMETER, WITH WEDGE ANCHORS	EACH	6.0
UNDERGROUND CONDUIT, PVC, 1" DIA.	FOOT	3.0
DRILL EXISTING HANDHOLE	EACH	1.0
SAW CUT FOR ELECTRICAL CABLE INSTALLATION, 5/16"	FOOT	44.0
SAW CUT FOR ELECTRICAL CABLE INSTALLATION, 5/8"	FOOT	19.0
THHN WIRE ENCASED IN PVC TUBE, NO. 19/27 AWG	FOOT	422.0
TRAFFIC SIGNAL BACKPLATE, RETROREFLECTIVE	EACH	7.0

APS SCHEDULE							
IL 8 (WASHINGTON) & SCHOOL							
LABEL	LOCATION	INSTALLATION TYPE	MOUNTING BRACKET	CROSSING	WALK INDICATION	WIRING NOTES	NOTES
P1	NE QUAD	PROP. PEDESTRIAN PUSHBUTTON POST (NO FOUNDATION)	DUAL	SCHOOL	SPEECH	INSTALL NEW WIRE FROM APS TO EX. MAST ARM AND SPLICE WITH EX. WIRE IN MAST ARM BASE	PROP. SAW CUT FROM PROP. PUSHBUTTON POST TO EX. HANDHOLE
P2	NE QUAD		DUAL	WASHINGTON	SPEECH		
P3	SE QUAD	PROP. PEDESTRIAN PUSHBUTTON POST (NO FOUNDATION)	SINGLE	WASHINGTON	TONE	RE-USE EXISTING WIRE (INSTALL IN PROP. CONDUIT)	PROP. CONDUIT FROM PROP. PUSHBUTTON POST TO EX. HANDHOLE
P4	SE QUAD	PROP. PEDESTRIAN PUSHBUTTON POST (NO FOUNDATION)	SINGLE	SCHOOL	TONE	INSTALL NEW WIRE FROM APS TO EX. TS POST AND SPLICE WITH EX. WIRE IN TS POST BASE	PROP. SAW CUT FROM PROP. PUSHBUTTON POST TO EX. TS POST
P5	SW QUAD	PROP. PEDESTRIAN PUSHBUTTON POST (NO FOUNDATION)	DUAL	SCHOOL	SPEECH	INSTALL NEW WIRE FROM APS TO EX. MAST ARM AND SPLICE WITH EX. WIRE IN MAST ARM BASE	PROP. SAW CUT FROM PROP. PUSHBUTTON POST TO EX. HANDHOLE
P6	SW QUAD		DUAL	WASHINGTON	SPEECH		
P7	NW QUAD	PROP. PEDESTRIAN PUSHBUTTON POST (NO FOUNDATION)	SINGLE	WASHINGTON	TONE	INSTALL NEW WIRE FROM APS TO CONTROLLER	PROP. SAW CUT FROM PROP. PUSHBUTTON POST TO EX. DOUBLE HANDHOLE
P8	NW QUAD	PROP. PEDESTRIAN PUSHBUTTON POST (NO FOUNDATION)	SINGLE	SCHOOL	TONE	INSTALL NEW WIRE FROM APS TO CONTROLLER	PROP. SAW CUT FROM PROP. PUSHBUTTON POST TO EX. DOUBLE HANDHOLE



APS LEGEND	
	PROP. APS INSTALLED ON PROP. PEDESTRIAN PUSHBUTTON POST (NO FOUNDATION) ON EX. SIDEWALK, WITH ANCHOR BOLT SET, 1/2 DIAMETER, WITH WEDGE ANCHORS
	PROP. APS INSTALLED ON PROP. PEDESTRIAN PUSHBUTTON POST (NO FOUNDATION) ON EX. ISLAND SURFACE, WITH ANCHOR BOLT SET, 1/2 DIAMETER, WITH WEDGE ANCHORS
	PROP. APS INSTALLED ON PROP. PEDESTRIAN PUSHBUTTON POST (NO FOUNDATION) ON EX. SIDEWALK CURB, WITH ANCHOR BOLT SET, 1/2 DIAMETER, WITH WEDGE ANCHORS
	PROP. APS INSTALLED ON PROP. PEDESTRIAN PUSHBUTTON POST (CONCRETE FOUNDATION)
	PROP. APS INSTALLED ON EX. MAST ARM STRAIN POLE
	PROP. APS INSTALLED ON EX. TRAFFIC SIGNAL POST OR LIGHT POLE
	PROP. APS INSTALLED ON EX. PEDESTRIAN PUSHBUTTON POST
	PROP. APS INSTALLED ON PROP. TRAFFIC SIGNAL POST

NOT TO SCALE

MODEL: Default  
FILE NAME: S:\ENR\W\ORD\DESIGN\AN\Hanson\# APS\68H77 (D4 ADA Pushbuttons 2024-1) (08-22-23).dgn

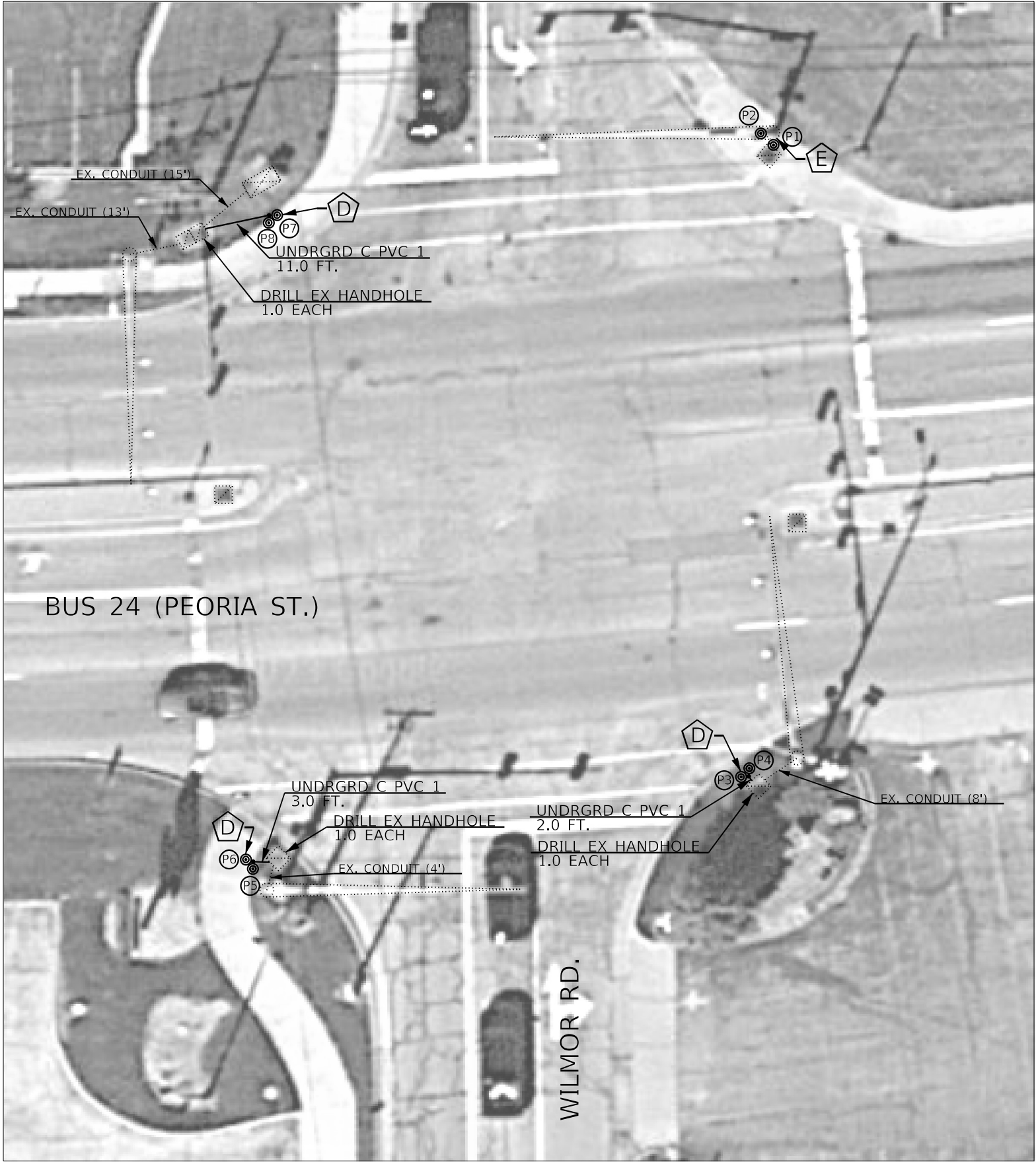
USER NAME = Trevor.Hanson	DESIGNED -	REVISED -
DRAWN -	REVISED -	
PLOT SCALE = 23,8272 * / in.	CHECKED -	REVISED -
PLOT DATE = 8/22/2023	DATE -	REVISED -

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

PROPOSED ACCESSIBLE PEDESTRIAN SIGNALS			
IL 9 (WASHINGTON RD.) & SCHOOL ST. - WASHINGTON			
SCALE:	SHEET	OF	SHEETS
STA.	TO	STA.	

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR.	D4 ADA PUSHBUTTONS 2024-1	TAZEWELL	76	62
CONTRACT NO. 68H77				
ILLINOIS FED. AID PROJECT				

MODEL: Default  
FILE NAME: S:\ENR\W\ORD\DES\AN\Hanson# APS\68H77 ID4 ADA Pushbuttons 2024-1 (08-22-23).dgn

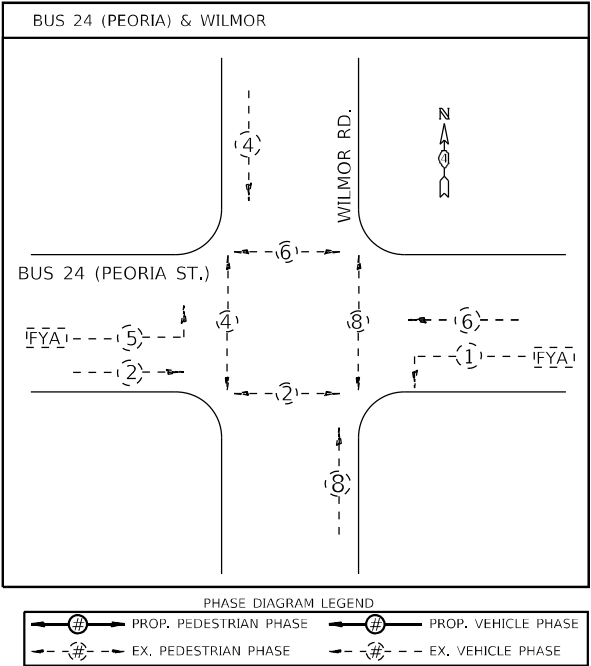


WASHINGTON TOWNSHIP  
40.703147, -89.421719



BILL OF MATERIALS		
BUS 24 (PEORIA) & WILMOR		
ITEM DESCRIPTION	UNIT	QTY.
ACCESSIBLE PEDESTRIAN SIGNALS	EACH	8.0
PEDESTRIAN PUSH-BUTTON POST	EACH	3.0
UNDERGROUND CONDUIT, PVC, 1" DIA.	FOOT	16.0
DRILL EXISTING HANDHOLE	EACH	3.0
TRAFFIC SIGNAL BACKPLATE, RETROREFLECTIVE	EACH	2.0

APS SCHEDULE							
BUS 24 (PEORIA) & WILMOR							
LABEL	LOCATION	INSTALLATION TYPE	MOUNTING BRACKET	CROSSING	WALK INDICATION	WIRING NOTES	NOTES
P1	NE QUAD	EX. MAST ARM	DUAL	WILMOR	SPEECH	RE-USE EXISTING WIRE	
P2	NE QUAD		DUAL	PEORIA	SPEECH		
P3	SE QUAD	PROP. PEDESTRIAN PUSHBUTTON POST	DUAL	PEORIA	SPEECH	RE-USE EXISTING WIRE (INSTALL IN PROP. CONDUIT)	PROP. CONDUIT FROM PROP. PUSHBUTTON POST TO EX. HANDHOLE
P4	SE QUAD		DUAL	WILMOR	SPEECH		
P5	SW QUAD	PROP. PEDESTRIAN PUSHBUTTON POST	DUAL	WILMOR	SPEECH	RE-USE EXISTING WIRE (INSTALL IN PROP. CONDUIT)	PROP. CONDUIT FROM PROP. PUSHBUTTON POST TO EX. HANDHOLE
P6	SW QUAD		DUAL	PEORIA	SPEECH		
P7	NW QUAD	PROP. PEDESTRIAN PUSHBUTTON POST	DUAL	PEORIA	SPEECH	RE-USE EXISTING WIRE (INSTALL IN PROP. CONDUIT)	PROP. CONDUIT FROM PROP. PUSHBUTTON POST TO EX. HANDHOLE
P8	NW QUAD		DUAL	WILMOR	SPEECH		



APS LEGEND	
	PROP. APS INSTALLED ON PROP. PEDESTRIAN PUSHBUTTON POST (NO FOUNDATION) ON EX. SIDEWALK, WITH ANCHOR BOLT SET, 1/2 DIAMETER, WITH WEDGE ANCHORS
	PROP. APS INSTALLED ON PROP. PEDESTRIAN PUSHBUTTON POST (NO FOUNDATION) ON EX. ISLAND SURFACE, WITH ANCHOR BOLT SET, 1/2 DIAMETER, WITH WEDGE ANCHORS
	PROP. APS INSTALLED ON PROP. PEDESTRIAN PUSHBUTTON POST (NO FOUNDATION) ON EX. SIDEWALK CURB, WITH ANCHOR BOLT SET 1/2 DIAMETER, WITH WEDGE ANCHORS
	PROP. APS INSTALLED ON PROP. PEDESTRIAN PUSHBUTTON POST (CONCRETE FOUNDATION)
	PROP. APS INSTALLED ON EX. MAST ARM STRAIN POLE
	PROP. APS INSTALLED ON EX. TRAFFIC SIGNAL POST OR LIGHT POLE
	PROP. APS INSTALLED ON EX. PEDESTRIAN PUSHBUTTON POST
	PROP. APS INSTALLED ON PROP. TRAFFIC SIGNAL POST

NOT TO SCALE

STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PROPOSED ACCESSIBLE PEDESTRIAN SIGNALS BUS 24 (PEORIA ST.) & WILMOR RD. - WASHINGTON		F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	SCALE:	SHEET OF SHEETS	STA.	TO STA.			
					ILLINOIS	FED. AID PROJECT	

USER NAME = Trevor, Hanson	DESIGNED -	REVISED -
DRAWN -	REVISED -	
PLOT SCALE = 23,8272' * / in.	CHECKED -	REVISED -
PLOT DATE = 8/22/2023	DATE -	REVISED -

CONTRACT NO. 68H77
--------------------

Model: Default  
File Name: S:\ENR\W04000\DESIGN\AN\Hanson\# APS\68H77 (D4 ADA Pushbuttons 2024-1) (08-2-23).dgn

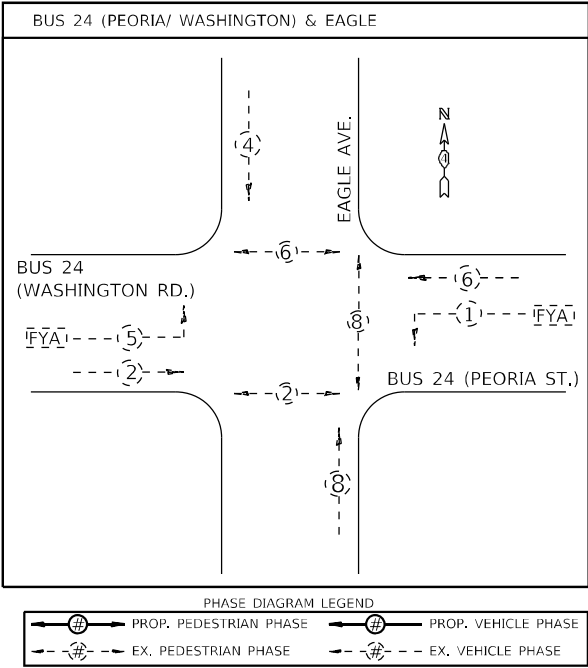


WASHINGTON TOWNSHIP  
40.703664, -89.428293



BILL OF MATERIALS		
BUS 24 (WASHINGTON/ PEORIA) & EAGLE		
ITEM DESCRIPTION	UNIT	QTY.
ACCESSIBLE PEDESTRIAN SIGNALS	EACH	6.0
PEDESTRIAN PUSH-BUTTON POST (NO FOUNDATION)	EACH	2.0
ANCHOR BOLT SET, 1/2 DIAMETER, WITH WEDGE ANCHORS	EACH	2.0
UNDERGROUND CONDUIT, PVC, 1" DIA.	FOOT	32.0
DRILL EXISTING FOUNDATION	EACH	1.0
DRILL EXISTING HANDHOLE	EACH	1.0

APS SCHEDULE							
BUS 24 (WASHINGTON/ PEORIA) & EAGLE							
LABEL	LOCATION	INSTALLATION TYPE	MOUNTING BRACKET	CROSSING	WALK INDICATION	WIRING NOTES	NOTES
P1	NE QUAD	PROP. PEDESTRIAN PUSHBUTTON POST (NO FOUNDATION)	SINGLE	EAGLE	TONE	RE-USE EXISTING WIRE (INSTALL IN PROP. CONDUIT)	PROP. CONDUIT FROM PROP. PUSHBUTTON POST TO EX. HANDHOLE
P2	NE QUAD	PROP. PEDESTRIAN PUSHBUTTON POST (NO FOUNDATION)	SINGLE	PEORIA	TONE	RE-USE EXISTING WIRE (INSTALL IN PROP. CONDUIT)	PROP. CONDUIT FROM PROP. PUSHBUTTON POST TO EX. HANDHOLE
P3	SE QUAD	EX. PEDESTRIAN PUSHBUTTON POST	SINGLE	PEORIA	TONE	RE-USE EXISTING WIRE	
P4	SE QUAD	EX. TS POST	SINGLE	EAGLE	TONE	RE-USE EXISTING WIRE	
P5	SW QUAD	EX. MAST ARM	SINGLE	EAGLE	TONE	RE-USE EXISTING WIRE	
P6	NW QUAD	EX. TS POST	SINGLE	EAGLE	TONE	RE-USE EXISTING WIRE	



APS LEGEND	
	PROP. APS INSTALLED ON PROP. PEDESTRIAN PUSHBUTTON POST (NO FOUNDATION) ON EX. SIDEWALK, WITH ANCHOR BOLT SET, 1/2 DIAMETER, WITH WEDGE ANCHORS
	PROP. APS INSTALLED ON PROP. PEDESTRIAN PUSHBUTTON POST (NO FOUNDATION) ON EX. ISLAND SURFACE, WITH ANCHOR BOLT SET, 1/2 DIAMETER, WITH WEDGE ANCHORS
	PROP. APS INSTALLED ON PROP. PEDESTRIAN PUSHBUTTON POST (NO FOUNDATION) ON EX. SIDEWALK CURB, WITH ANCHOR BOLT SET 1/2 DIAMETER, WITH WEDGE ANCHORS
	PROP. APS INSTALLED ON PROP. PEDESTRIAN PUSHBUTTON POST (CONCRETE FOUNDATION)
	PROP. APS INSTALLED ON EX. MAST ARM STRAIN POLE
	PROP. APS INSTALLED ON EX. TRAFFIC SIGNAL POST OR LIGHT POLE
	PROP. APS INSTALLED ON EX. PEDESTRIAN PUSHBUTTON POST
	PROP. APS INSTALLED ON PROP. TRAFFIC SIGNAL POST

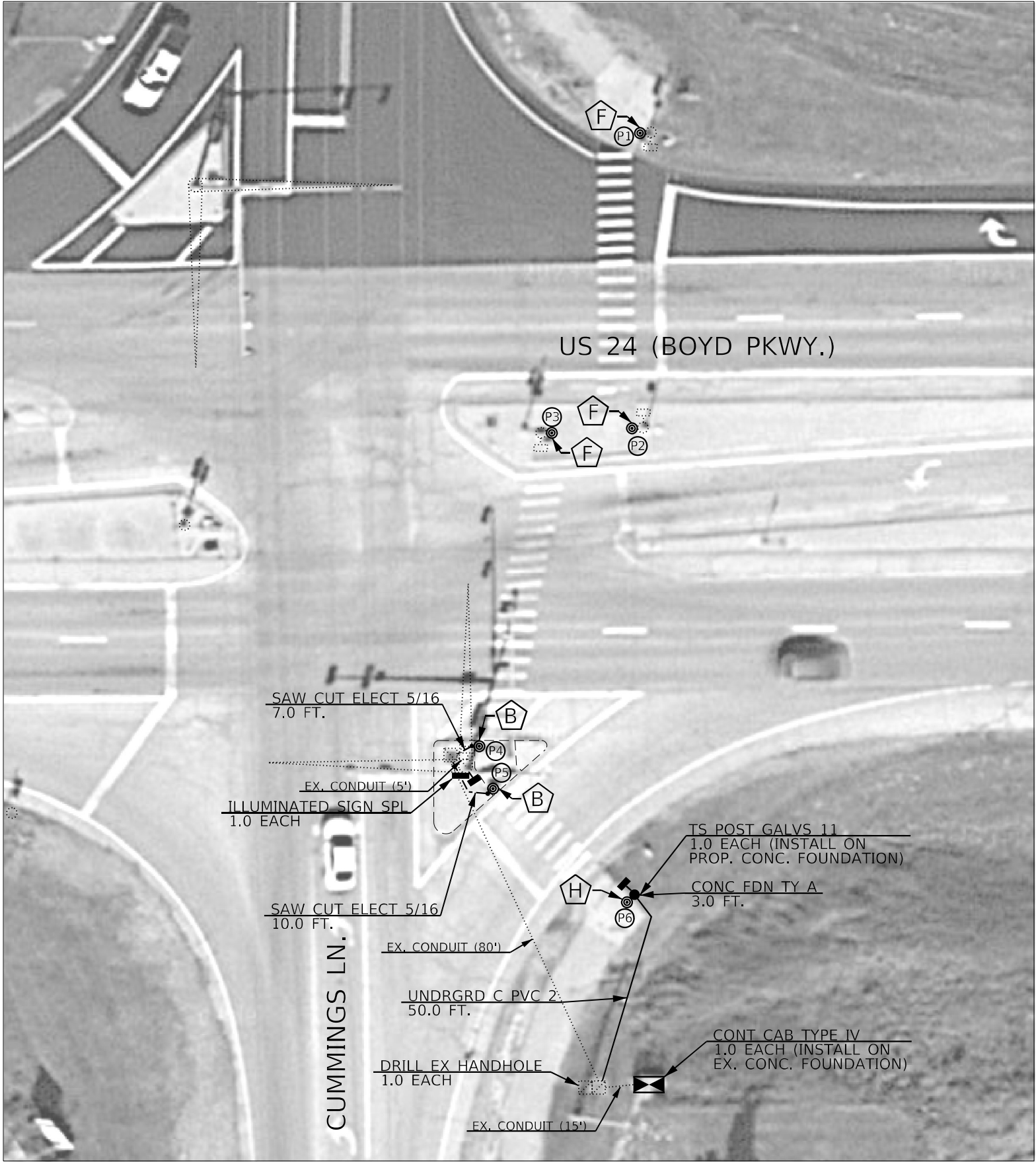
NOT TO SCALE

STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION				PROPOSED ACCESSIBLE PEDESTRIAN SIGNALS BUS 24 (PEORIA ST.) & EAGLE AVE. - WASHINGTON		F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
				SCALE:	SHEET OF SHEETS	STA.	TO STA.			
						VAR.	D4 ADA PUSHBUTTONS 2024-1	TAZEWELL	76	64
						CONTRACT NO. 68H77				
						ILLINOIS FED. AID PROJECT				

USER NAME = Trevor.Hanson	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 23,8272' = 1 in.	CHECKED -	REVISED -
PLOT DATE = 8/22/2023	DATE -	REVISED -



MODEL: Default  
FILE NAME: S:\ENR\W\ORD\DESIGN\AP568H77 (D4 ADA Pushbuttons 2024-1) (08-22-23).dgn



WASHINGTON TOWNSHIP  
40.719482, -89.445667

USER NAME	= Trevor.Hanson
PLOT SCALE	= 23,827.2' = 1 in.
PLOT DATE	= 8/22/2023

DESIGNED	-
DRAWN	-
CHECKED	-
DATE	-

REVISED	-
REVISED	-
REVISED	-
REVISED	-

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

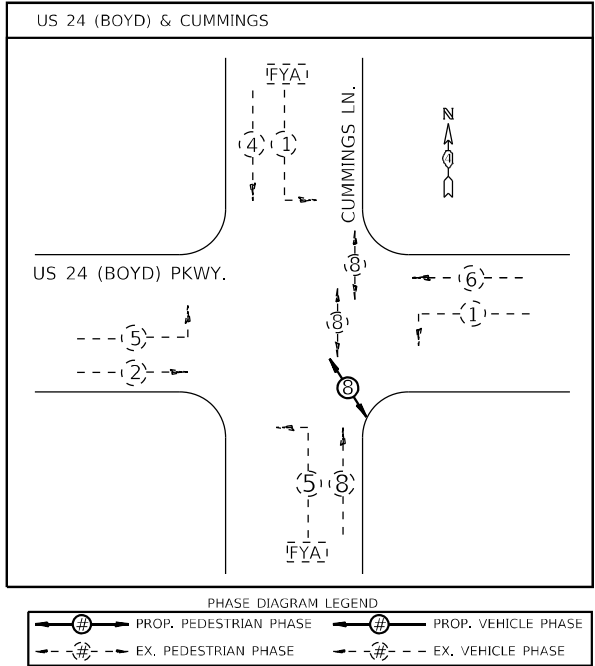
PROPOSED ACCESSIBLE PEDESTRIAN SIGNALS  
US 24 (BOYD PKWY.) & CUMMINGS LN. - WASHINGTON

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR.	D4 ADA PUSHBUTTONS 2024-1	TAZEWELL	76	65
CONTRACT NO. 68H77				
ILLINOIS FED. AID PROJECT				

BILL OF MATERIALS		
US 24 (BOYD) & CUMMINGS		
ITEM DESCRIPTION	UNIT	QTY.
ACCESSIBLE PEDESTRIAN SIGNALS	EACH	6.0
PEDESTRIAN PUSH-BUTTON POST (NO FOUNDATION)	EACH	2.0
ANCHOR BOLT SET, 1/2 DIAMETER, WITH WEDGE ANCHORS	EACH	2.0
UNDERGROUND CONDUIT, PVC, 2" DIA.	FOOT	50.0
DRILL EXISTING HANDHOLE	EACH	1.0
TRAFFIC SIGNAL POST, GALVANIZED STEEL 11 FT.	EACH	1.0
CONCRETE FOUNDATION, TYPE A	FOOT	3.0
ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 3C	FOOT	363.0
ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 5C	FOOT	100.0
ELECTRIC CABLE IN CONDUIT, EQUIPMENT GROUNDING CONDUCTOR, NO. 6 1C	FOOT	69.0
ILLUMINATED SIGN (SPECIAL)	EACH	1.0
SAW CUT FOR ELECTRICAL CABLE INSTALLATION, 5/16"	FOOT	17.0
THHN WIRE ENCASED IN PVC TUBE, NO. 19/27 AWG	FOOT	116.0
TRAFFIC SIGNAL BACKPLATE, RETROREFLECTIVE	EACH	2.0
CONTROLLER CABINET TYPE IV	EACH	1.0
PEDESTRIAN SIGNAL HEAD, POLYCARBONATE, LED, 1-FACE, BRACKET MOUNTED WITH COUNT DOWN TIMER	EACH	2.0

APS SCHEDULE							
US 24 (BOYD) & CUMMINGS							
LABEL	LOCATION	INSTALLATION TYPE	MOUNTING BRACKET	CROSSING	WALK INDICATION	WIRING NOTES	NOTES
P1	NE QUAD	EX. TS POST	SINGLE	BOYD	TONE	RE-USE EXISTING WIRE	
P2	MEDIAN	EX. TS POST	SINGLE	BOYD	TONE	RE-USE EXISTING WIRE	
P3	MEDIAN	EX. TS POST	SINGLE	BOYD	TONE	RE-USE EXISTING WIRE	
P4	NB RT ISLAND	PROP. PEDESTRIAN PUSHBUTTON POST (NO FOUNDATION)	SINGLE	BOYD	TONE	INSTALL NEW WIRE FROM APS TO EX. MAST ARM AND SPLICE WITH EX. WIRE IN MAST ARM BASE	PROP. SAW CUT FROM PROP. PUSHBUTTON POST TO EX. HANDHOLE
P5	NB RT ISLAND	PROP. PEDESTRIAN PUSHBUTTON POST (NO FOUNDATION)	SINGLE	CUMMINGS RIGHT TURN LANE	TONE	INSTALL NEW WIRE FROM APS TO CONTROLLER	PROP. SAW CUT FROM PROP. PUSHBUTTON POST TO EX. HANDHOLE
P6	SE QUAD	PROP. TS POST	SINGLE	CUMMINGS RIGHT TURN LANE	TONE	INSTALL NEW WIRE FROM APS TO CONTROLLER	PROP. SAW CUT FROM PROP. TS POST TO EX. DOUBLE HANDHOLE



THE CONTRACTOR SHALL FIELD VERIFY PHASE DIAGRAM PRIOR TO ORDERING PROPOSED CONTROLLER CABINET.

APS LEGEND	
	PROP. APS INSTALLED ON PROP. PEDESTRIAN PUSHBUTTON POST (NO FOUNDATION) ON EX. SIDEWALK, WITH ANCHOR BOLT SET, 1/2 DIAMETER, WITH WEDGE ANCHORS
	PROP. APS INSTALLED ON PROP. PEDESTRIAN PUSHBUTTON POST (NO FOUNDATION) ON EX. ISLAND SURFACE, WITH ANCHOR BOLT SET, 1/2 DIAMETER, WITH WEDGE ANCHORS
	PROP. APS INSTALLED ON PROP. PEDESTRIAN PUSHBUTTON POST (NO FOUNDATION) ON EX. SIDEWALK CURB, WITH ANCHOR BOLT SET 1/2 DIAMETER, WITH WEDGE ANCHORS
	PROP. APS INSTALLED ON PROP. PEDESTRIAN PUSHBUTTON POST (CONCRETE FOUNDATION)
	PROP. APS INSTALLED ON EX. MAST ARM STRAIN POLE
	PROP. APS INSTALLED ON EX. TRAFFIC SIGNAL POST OR LIGHT POLE
	PROP. APS INSTALLED ON EX. PEDESTRIAN PUSHBUTTON POST
	PROP. APS INSTALLED ON PROP. TRAFFIC SIGNAL POST

NOT TO SCALE

Model: Default  
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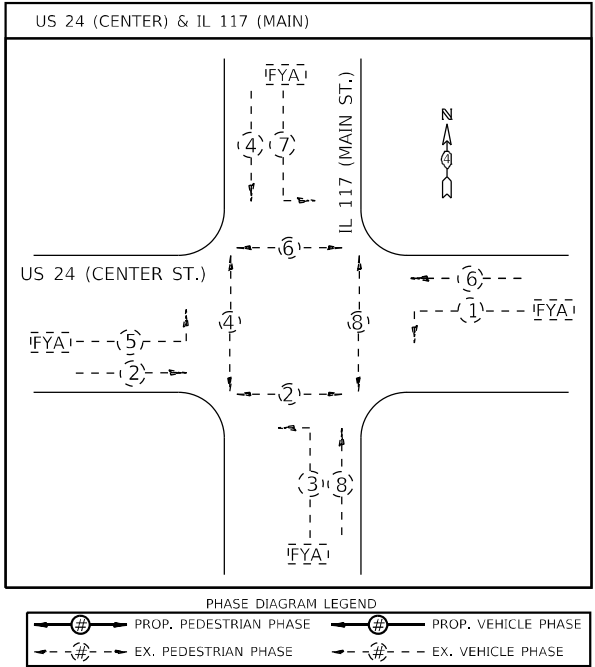


EUREKA TOWNSHIP  
40.721217, -89.273072



BILL OF MATERIALS		
US 24 (CENTER) & IL 117 (MAIN)		
ITEM DESCRIPTION	UNIT	QTY.
ACCESSIBLE PEDESTRIAN SIGNALS	EACH	8.0
APS EXTENSION BRACKET	EACH	2.0
TRAFFIC SIGNAL BACKPLATE, RETROREFLECTIVE	EACH	8.0

APSSCHEDULE							
US 24 (CENTER) & IL 117 (MAIN)							
LABEL	LOCAT/ON	INSTALLATION TYPE	MOUNTING BRACKET	CROSSING	WALK INDICATION	WIRING NOTES	NOTES
P1	NE QUAD	EX. TS POST	DUAL	MAIN	SPEECH	RE-USE EXISTING WIRE	
P2	NE QUAD		DUAL	CENTER	SPEECH		
P3	SE QUAD	EX. TS POST	DUAL*	CENTER	SPEECH	RE-USE EXISTING WIRE	
P4	SE QUAD		DUAL*	MAIN	SPEECH		
P5	SW QUAD	EX. TS POST	DUAL	MAIN	SPEECH	RE-USE EXISTING WIRE	
P6	SW QUAD		DUAL	CENTER	SPEECH		
P7	NW QUAD	EX. TS POST	DUAL	CENTER	SPEECH	RE-USE EXISTING WIRE	
P8	NW QUAD		DUAL	MAIN	SPEECH		
* FURNISH AND INSTALL ONE APS EXTENSION BRACKET PER PUSHBUTTON							



APS LEGEND	
	PROP. APS INSTALLED ON PROP. PEDESTRIAN PUSHBUTTON POST (NO FOUNDATION) ON EX. SIDEWALK, WITH ANCHOR BOLT SET, 1/2 DIAMETER, WITH WEDGE ANCHORS
	PROP. APS INSTALLED ON PROP. PEDESTRIAN PUSHBUTTON POST (NO FOUNDATION) ON EX. ISLAND SURFACE, WITH ANCHOR BOLT SET, 1/2 DIAMETER, WITH WEDGE ANCHORS
	PROP. APS INSTALLED ON PROP. PEDESTRIAN PUSHBUTTON POST (CONCRETE FOUNDATION)
	PROP. APS INSTALLED ON EX. MAST ARM STRAIN POLE
	PROP. APS INSTALLED ON EX. TRAFFIC SIGNAL POST OR LIGHT POLE
	PROP. APS INSTALLED ON EX. PEDESTRIAN PUSHBUTTON POST
	PROP. APS INSTALLED ON PROP. TRAFFIC SIGNAL POST

NOT TO SCALE

	USER NAME = Trevor,Hanson	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PROPOSED ACCESSIBLE PEDESTRIAN SIGNALS US 24 (CENTER ST.) & IL 117 (MAIN ST.) - EUREKA				F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	PLOT SCALE = 23,8272 ' / in.	DRAWN -	REVISED -						VAR.	D4 ADA PUSHBUTTONS 2024-1	WOODFORD	76	66
	PLOT DATE = 8/22/2023	CHECKED -	REVISED -		CONTRACT NO. 68H77								
		DATE -	REVISED -		ILLINOIS FED. AID PROJECT								
					SCALE:	SHEET	OF	SHEETS	STA.	TO	STA.		

MODEL: Default  
FILE NAME: S:\GERMANTOWNHILLS\GERMANTOWNHILLS\APS\APS568H77 - D4 ADA Pushbuttons - 2024-11 (08-22-23).dgn



GERMANTOWN HILLS  
TOWNSHIP  
40.764927, -89.472263

USER NAME = Trevor.Hanson	DESIGNED -	REVISED -
DRAWN -	REVISED -	
PLOT SCALE = 23,8272' * / in.	CHECKED -	REVISED -
PLOT DATE = 8/22/2023	DATE -	REVISED -

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

PROPOSED ACCESSIBLE PEDESTRIAN SIGNALS  
IL 116 & WOODLAND KNOLLS RD. - GERMANTOWN HILLS

SCALE: SHEET OF SHEETS STA. TO STA.

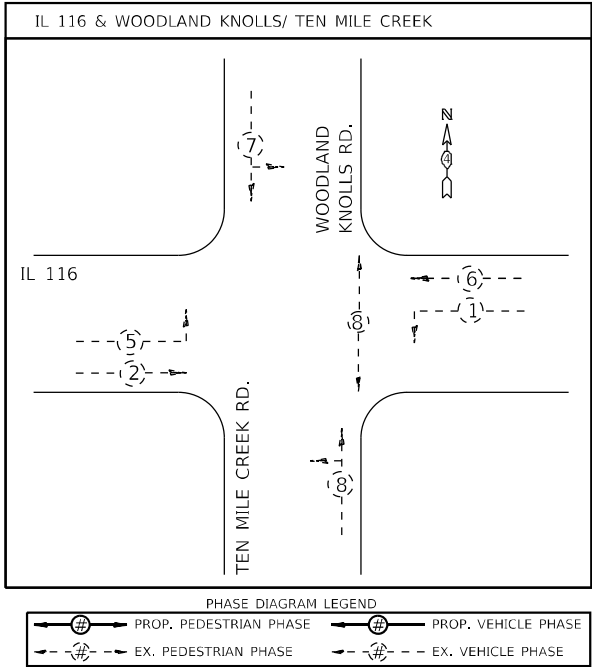
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR.	D4 ADA PUSHBUTTONS 2024-1	WOODFORD	76	67
CONTRACT NO. 68H77				
ILLINOIS FED. AID PROJECT				

NOT TO SCALE



BILL OF MATERIALS		
IL 116 & WOODLAND KNOLLS/ TEN MILE CREEK		
ITEM DESCRIPTION	UNIT	QTY.
ACCESSIBLE PEDESTRIAN SIGNALS	EACH	2.0

APS SCHEDULE							
IL 116 & WOODLAND KNOLLS/ TEN MILE CREEK							
LABEL	LOCATION	INSTALLATION TYPE	MOUNTING BRACKET	CROSSING	WALK INDICATION	WIRING NOTES	NOTES
P1	NE QUAD	EX. MAST ARM	SINGLE	ILLINOIS 116	TONE	RE-USE EXISTING WIRE	
P2	SE QUAD	EX. MAST ARM	SINGLE	ILLINOIS 116	TONE	RE-USE EXISTING WIRE	



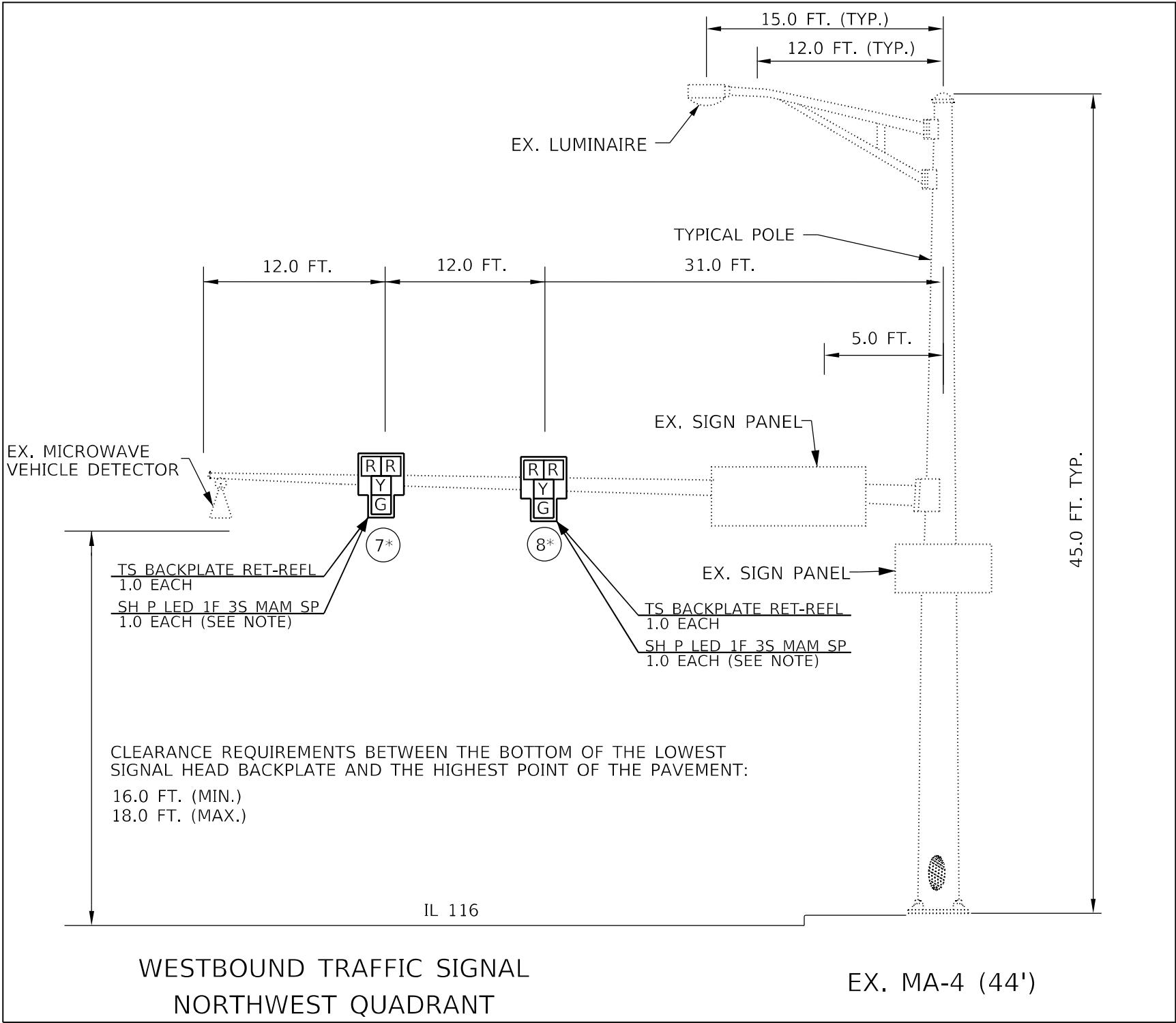
APS LEGEND

- PROP. APS INSTALLED ON PROP. PEDESTRIAN PUSHBUTTON POST (NO FOUNDATION) ON EX. SIDEWALK, WITH ANCHOR BOLT SET, 1/2 DIAMETER, WITH WEDGE ANCHORS
- PROP. APS INSTALLED ON PROP. PEDESTRIAN PUSHBUTTON POST (NO FOUNDATION) ON EX. ISLAND SURFACE, WITH ANCHOR BOLT SET, 1/2 DIAMETER, WITH WEDGE ANCHORS
- PROP. APS INSTALLED ON PROP. PEDESTRIAN PUSHBUTTON POST (NO FOUNDATION) ON EX. SIDEWALK CURB, WITH ANCHOR BOLT SET 1/2 DIAMETER, WITH WEDGE ANCHORS
- PROP. APS INSTALLED ON PROP. PEDESTRIAN PUSHBUTTON POST (CONCRETE FOUNDATION)
- PROP. APS INSTALLED ON EX. MAST ARM STRAIN POLE
- PROP. APS INSTALLED ON EX. TRAFFIC SIGNAL POST OR LIGHT POLE
- PROP. APS INSTALLED ON EX. PEDESTRIAN PUSHBUTTON POST
- PROP. APS INSTALLED ON PROP. TRAFFIC SIGNAL POST









NOTES:

1. THE CONTRACTOR SHALL FURNISH AND INSTALL TWO RED SIGNAL HEADS, ONE YELLOW SIGNAL HEAD, AND ONE GREEN SIGNAL HEAD FOR EACH OF THE PROPOSED SIGNAL HEADS 7 AND 8 AS SHOWN IN THE PLANS. THIS WORK WILL NOT BE PAID FOR SEPARATELY, BUT SHALL BE INCLUDED IN THE BID PRICE FOR "SIGNAL HEAD, POLYCARBONATE, LED 1-FACE, 3-SECTION, MAST ARM MOUNTED (SPECIAL)."

CLEARANCE REQUIREMENTS BETWEEN THE BOTTOM OF THE LOWEST SIGNAL HEAD BACKPLATE AND THE HIGHEST POINT OF THE PAVEMENT:  
16.0 FT. (MIN.)  
18.0 FT. (MAX.)

WESTBOUND TRAFFIC SIGNAL  
NORTHWEST QUADRANT

EX. MA-4 (44')

\* DUAL RED INDICATION SIGNAL HEAD

MODEL: Default  
FILE NAME: S:\ENR\W\WOODRIDGE\SP\ANI\Hanson.dwg  
DATE: 8/22/2023

USER NAME = Trevor.Hanson	DESIGNED -	REVISED -
DRAWN -	REVISOR -	
PLOT SCALE = 23,8272 * / in.	CHECKED -	REVISED -
PLOT DATE = 8/22/2023	DATE -	REVISED -

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

MAST ARM (MA-4) DETAIL  
IL 116 & ARBOR VITAE DR./ SCHMITT LN. - GERMANTOWN HILLS

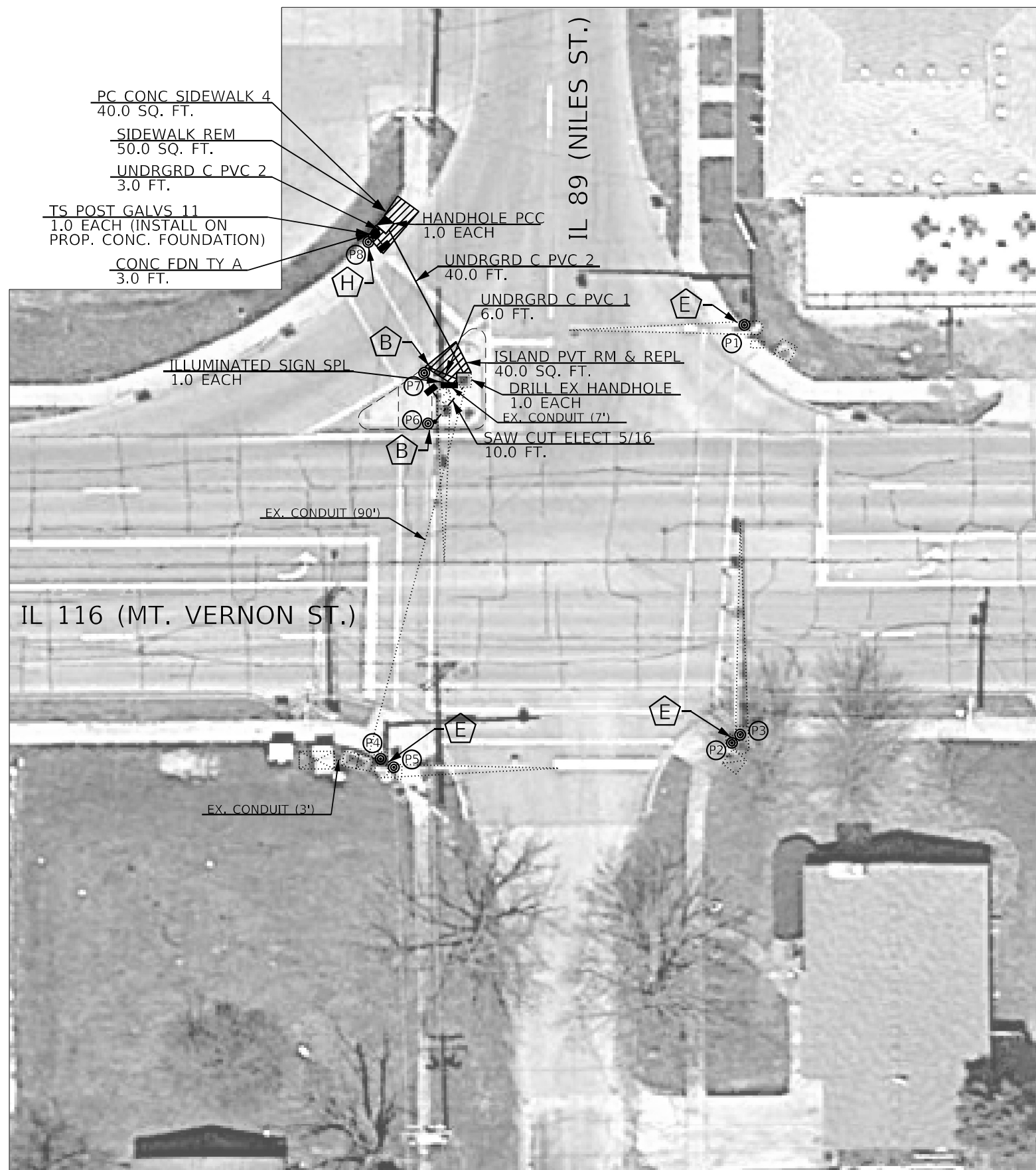
SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR.	D4 ADA PUSHBUTTONS 2024-1	WOODFORD	76	70
CONTRACT NO. 68H77				
ILLINOIS FED. AID PROJECT				

NOT TO SCALE

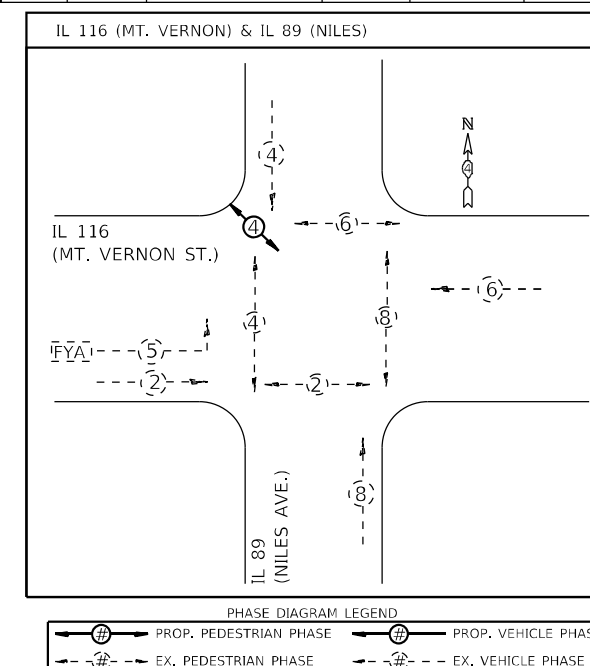














BILL OF MATERIALS		
IL 116 (MT. VERNON) & IL 89 (NILES)		
ITEM DESCRIPTION	UNIT	QTY.
ACCESSIBLE PEDESTRIAN SIGNALS	EACH	8.0
PEDESTRIAN PUSH-BUTTON POST (NO FOUNDATION)	EACH	2.0
ANCHOR BOLT SET, 1/2 DIAMETER, WITH WEDGE ANCHORS	EACH	2.0
THHN WIRE ENCASED IN PVC TUBE, NO. 19/27 AWG	FOOT	65.0
SAW CUT FOR ELECTRICAL CABLE INSTALLATION, 5/16"	FOOT	10.0
PEDESTRIAN SIGNAL HEAD, POLYCARBONATE, LED, 1-FACE, BRACKET MOUNTED WITH COUNT DOWN TIMER	EACH	2.0
UNDERGROUND CONDUIT, PVC, 1" DIA.	FOOT	6.0
UNDERGROUND CONDUIT, PVC, 2" DIA.	FOOT	43.0
DRILL EXISTING HANDHOLE	EACH	1.0
TRAFFIC SIGNAL POST, GALVANIZED STEEL 11 FT.	EACH	1.0
CONCRETE FOUNDATION, TYPE A	FOOT	3.0
ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 3C	FOOT	301.5
ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 5C	FOOT	322.5
ELECTRIC CABLE IN CONDUIT, EQUIPMENT GROUNDING CONDUCTOR, NO. 6 1C	FOOT	68.5
ILLUMINATED SIGN (SPECIAL)	EACH	1.0
ISLAND PAVEMENT REMOVAL AND REPLACEMENT	SQ FT	40.0
PORTLAND CEMENT CONCRETE SIDEWALK 4 INCH	SQ FT	40.0
SIDEWALK REMOVAL	SQ FT	50.0
HANDHOLE, PORTLAND CEMENT CONCRETE	EACH	1.0
TRAFFIC SIGNAL BACKPLATE, RETROREFLECTIVE	EACH	4.0

APS SCHEDULE							
IL 116 (MT. VERNON) & IL 89 (NILES)							
LABEL	LOCATION	INSTALLATION TYPE	MOUNTING BRACKET	CROSSING	WALK INDICATION	WIRING NOTES	NOTES
P1	NE QUAD	EX. MAST ARM	SINGLE	MT. VERNON	tone	RE-USE EXISTING WIRE	
P2	SE QUAD	EX. MAST ARM	DUAL	MT. VERNON	SPEECH	RE-USE EXISTING WIRE	
P3	SE QUAD		DUAL	NILES	SPEECH		
P4	SW QUAD	EX. MAST ARM	DUAL	NILES	SPEECH	RE-USE EXISTING WIRE	
P5	SW QUAD		DUAL	MT. VERNON	SPEECH		
P6	SB RT ISLAND	PROP. PEDESTRIAN PUSHBUTTON POST (NO FOUNDATION)	SINGLE	MT. VERNON	tone	INSTALL NEW WIRE FROM APS TO EX. MAST ARM AND SPLICE WITH EX. WIRE IN MAST ARM BASE	PROP. SAW CUT FROM PROP. PUSHBUTTON POST TO EX. HANDHOLE
P7	SB RT ISLAND	PROP. PEDESTRIAN PUSHBUTTON POST (NO FOUNDATION)	SINGLE	NILES RIGHT TURN LANE	tone	INSTALL NEW WIRE FROM APS TO CONTROLLER	PROP. CONDUIT FROM PROP. PUSHBUTTON POST TO EX. HANDHOLE
P8	NW QUAD	PROP. TS POST	SINGLE	NILES RIGHT TURN LANE	tone	INSTALL NEW WIRE FROM APS TO CONTROLLER	PROP. CONDUIT FROM PROP. PUSHBUTTON POST TO PROP. HANDHOLE



APS LEGEND	
	PROP. APS INSTALLED ON PROP. PEDESTRIAN PUSHBUTTON POST (NO FOUNDATION) ON EX. SIDEWALK, WITH ANCHOR BOLT SET, 1/2" DIAMETER, WITH WEDGE ANCHORS
	PROP. APS INSTALLED ON PROP. PEDESTRIAN PUSHBUTTON POST (NO FOUNDATION) ON EX. ISLAND SURFACE, WITH ANCHOR BOLT SET, 1/2" DIAMETER, WITH WEDGE ANCHORS
	PROP. APS INSTALLED ON PROP. PEDESTRIAN PUSHBUTTON POST (NO FOUNDATION) ON EX. SIDEWALK CURB, WITH ANCHOR BOLT SET 1/2" DIAMETER, WITH WEDGE ANCHORS
	PROP. APS INSTALLED ON PROP. PEDESTRIAN PUSHBUTTON POST (CONCRETE FOUNDATION)
	PROP. APS INSTALLED ON EX. MAST ARM STRAIN POLE
	PROP. APS INSTALLED ON EX. TRAFFIC SIGNAL POST OR LIGHT POLE
	PROP. APS INSTALLED ON EX. PEDESTRIAN PUSHBUTTON POST
	PROP. APS INSTALLED ON PROP. TRAFFIC SIGNAL POST

METAMORA TOWNSHIP
40.790387, -89.360737

USER NAME = Trevor,Hanson	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 23,8272 * / in.	CHECKED -	REVISED -
PLOT DATE = 8/22/2023	DATE -	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

PROPOSED ACCESSIBLE PEDESTRIAN SIGNALS  
IL 116 (MT. VERNON ST.) & IL 89 (NILES ST.) - METAMORA

SCALE:	SHEET	OF	SHEETS	STA.	TO STA.
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F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR.	D4 ADA PUSHBUTTONS 2024-1	WOODFORD	76	72
		CONTRACT NO. 68H77		
		ILLINOIS FED. AID PROJECT		

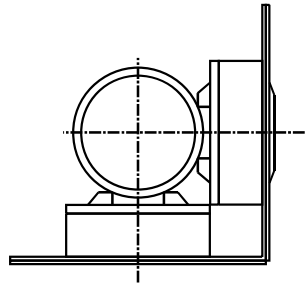
NOT TO SCALE

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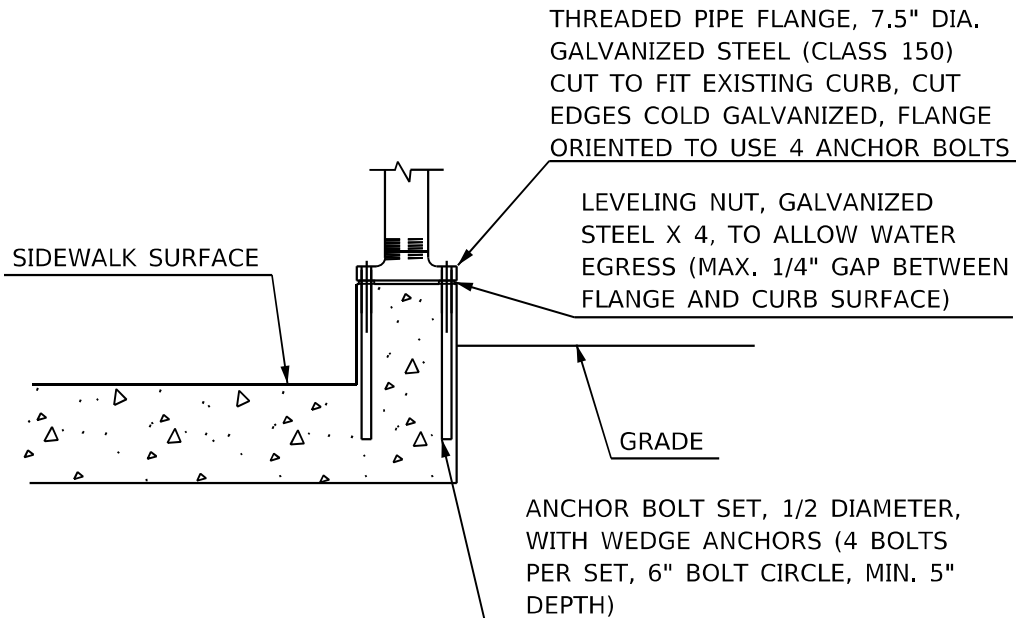


TWO ACCESSIBLE PEDESTRIAN SIGNALS  
INSTALLED USING 90° DUAL MOUNTING  
ADAPTER BRACKET (TOP VIEW)

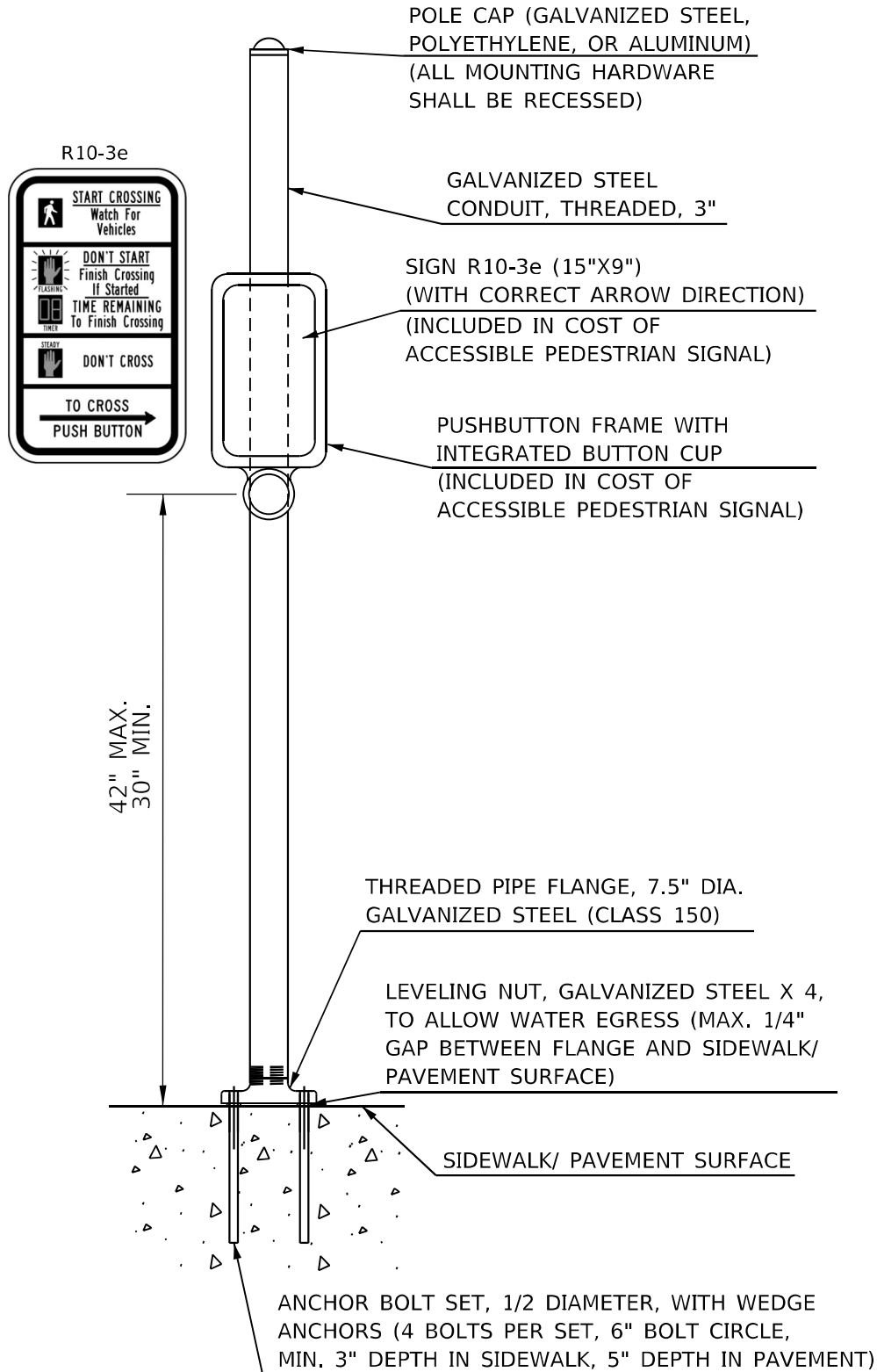


NOTES:

1. ACCESSIBLE PEDESTRIAN SIGNAL (APS) PUSHBUTTONS SHALL BE LOCATED IN ACCORDANCE WITH THE 2009 MUTCD. THE COST TO MODIFY OR RELOCATE ANY APS THAT WERE NOT INSTALLED ACCORDING TO MUTCD REQUIREMENTS AND CONTRACT SPECIFICATIONS WILL BE THE RESPONSIBILITY OF THE CONTRACTOR.
2. FOR ALL INSTALLATIONS, THE REACH RANGE (DISTANCE BETWEEN THE FACE OF APS AND THE CLEAR SPACE) SHALL NOT EXCEED 10 INCHES.
3. PEDESTRIAN PUSHBUTTON SIGN (R10-3E) SHALL BE CONSTRUCTED USING TYPE ZZ RETROREFLECTIVE SHEETING IN ACCORDANCE WITH ART. 1091.03, SHALL HAVE THE CORRECT ARROW ORIENTATION AT EACH LOCATION AND SHALL NOT BE MODIFIED IN ANY WAY.
4. THE PEDESTRIAN PUSH-BUTTON POSTS DETAILED ON THIS SHEET SHALL BE PAID FOR AS "PEDESTRIAN PUSH-BUTTON POST."
5. FOR LOCATIONS WITH TWO APS PUSHBUTTONS ON A SINGLE TRAFFIC SIGNAL POST OR PEDESTRIAN PUSH-BUTTON POST, THE CONTRACTOR SHALL FURNISH AND INSTALL A SINGLE MOUNTING BRACKET THAT HOUSES BOTH PEDESTRIAN PUSHBUTTON FRAMES, WITH INTEGRATED CUPS, AT A 90° ANGLE FROM EACH OTHER, THE COST OF THIS WORK WILL NOT BE PAID FOR SEPARATELY, BUT SHALL BE INCLUDED IN THE BID PRICE FOR THE PAY ITEM ACCESSIBLE PEDESTRIAN SIGNALS.
6. THESE REQUIREMENTS APPLY TO ALL PEDESTRIAN PUSHBUTTON INSTALLATIONS, INCLUDING PEDESTRIAN PUSH-BUTTON POST, TRAFFIC SIGNAL POST, LIGHT POLE AND MAST ARM STRAIN POLE INSTALLATIONS.



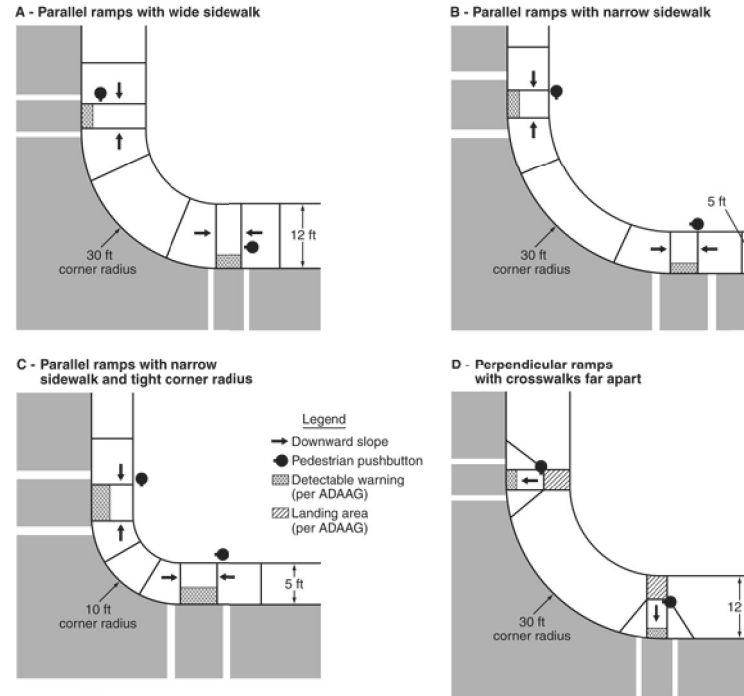
PEDESTRIAN PUSH-BUTTON  
POST (NO FOUNDATION)  
(EX. CURB INSTALLATION)



PEDESTRIAN PUSH-BUTTON  
POST (NO FOUNDATION)  
(SIDEWALK/ PAVEMENT INSTALLATION)

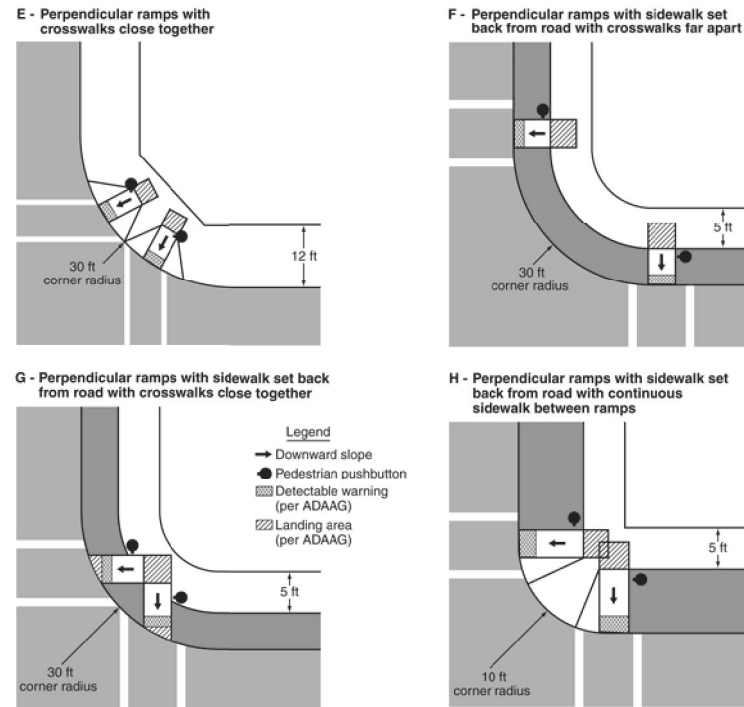
2009 MUTCD TYPICAL PUSHBUTTON LOCATIONS

Figure 4E-4. Typical Pushbutton Locations (Sheet 1 of 2)



- Notes:
1. This figure is not drawn to scale.
  2. These drawings are intended to describe the typical locations for pedestrian pushbutton installations. They are not intended to be a guide for the design of curb cut ramps.
  3. Figure 4E-3 shows the recommended area for pushbutton locations.

Figure 4E-4. Typical Pushbutton Locations (Sheet 2 of 2)



- Notes:
1. This figure is not drawn to scale.
  2. These drawings are intended to describe the typical locations for pedestrian pushbutton installations. They are not intended to be a guide for the design of curb cut ramps.
  3. Figure 4E-3 shows the recommended area for pushbutton locations.

\* FULTON, KNOX, MARSHALL, MCDONOUGH, NOT TO SCALE  
TAZEWELL & WOODFORD COUNTIES

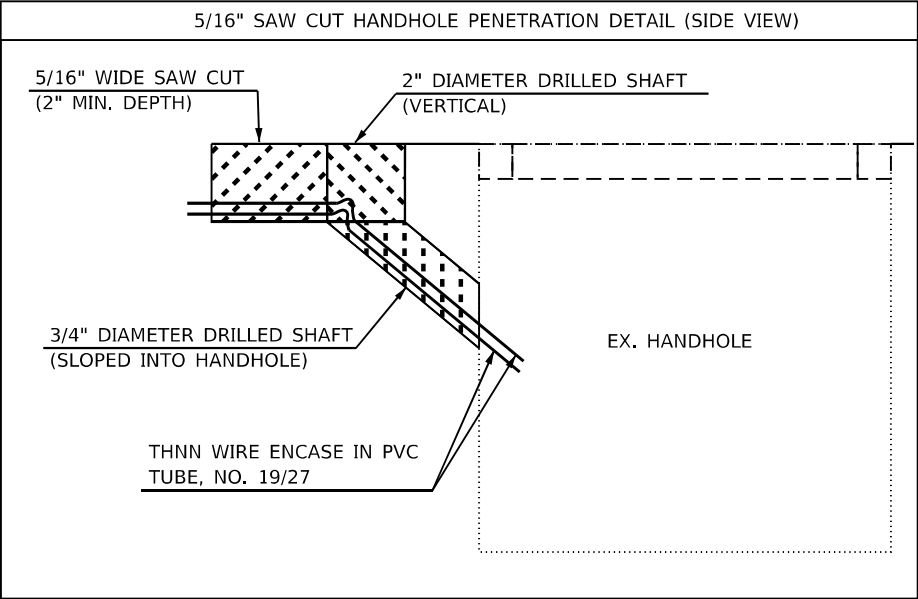
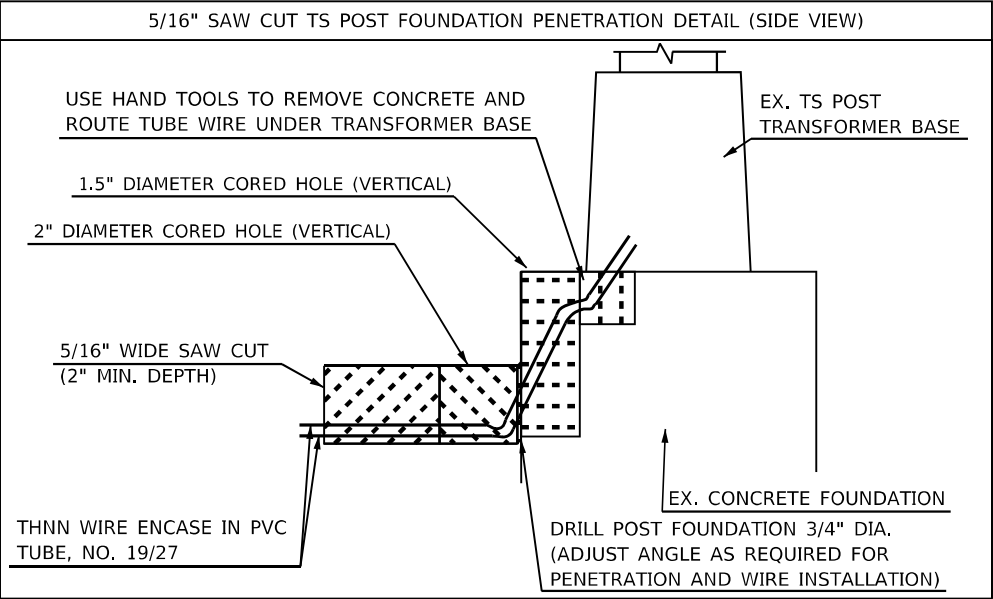
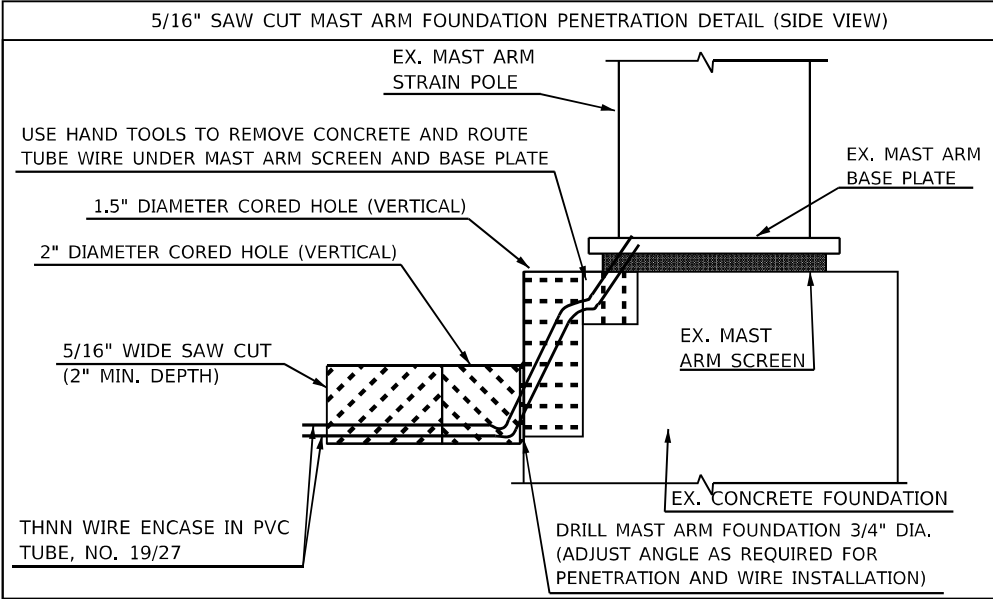
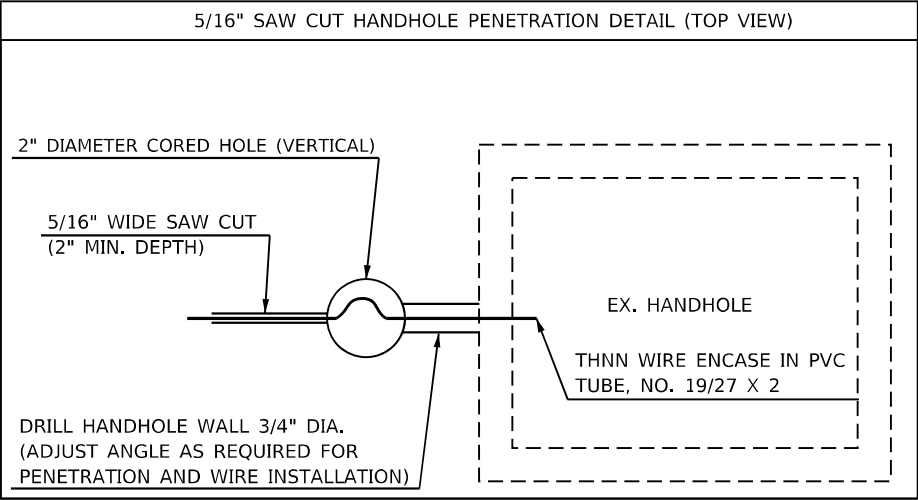
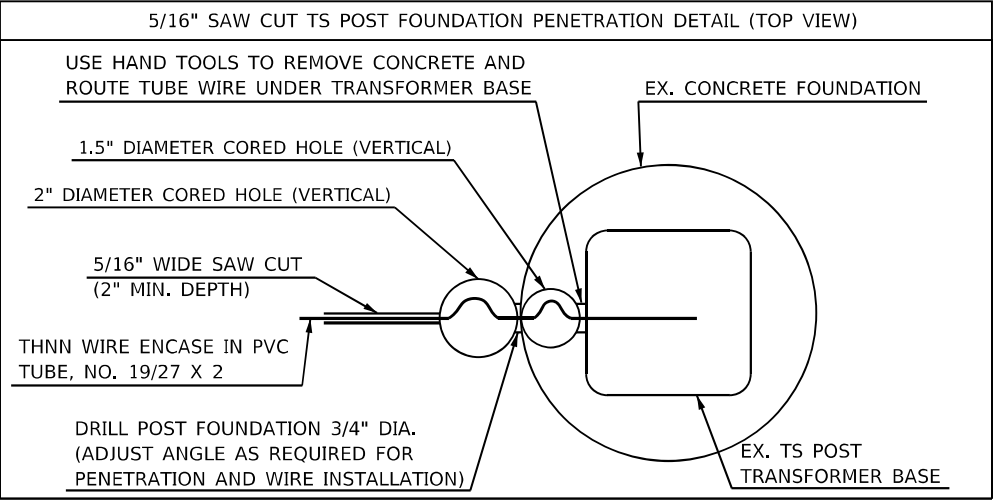
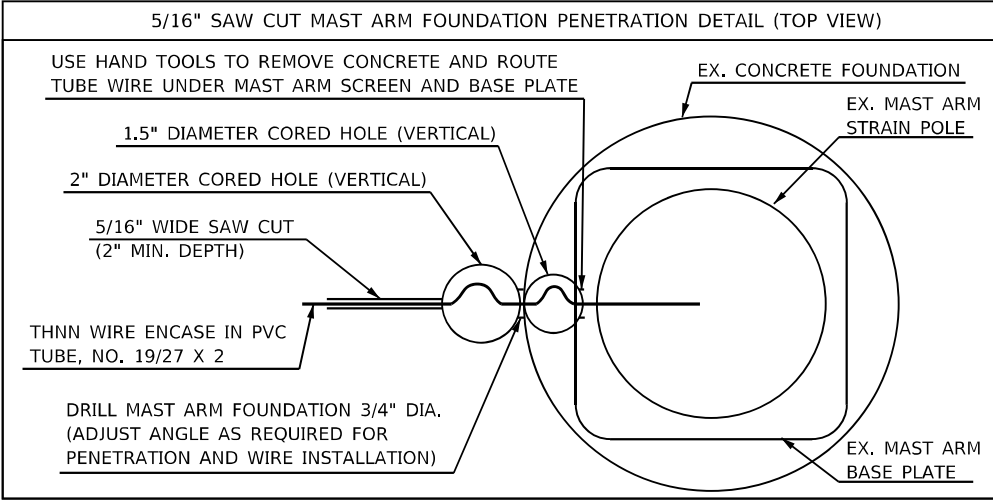
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	DRAWN -	REVISED -
PLOT SCALE = 23,8272 * / in.	CHECKED -	REVISED -
PLOT DATE = 8/22/2023	DATE -	REVISED -

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

PEDESTRIAN PUSH-BUTTON POST (NO FOUNDATION)  
DETAIL

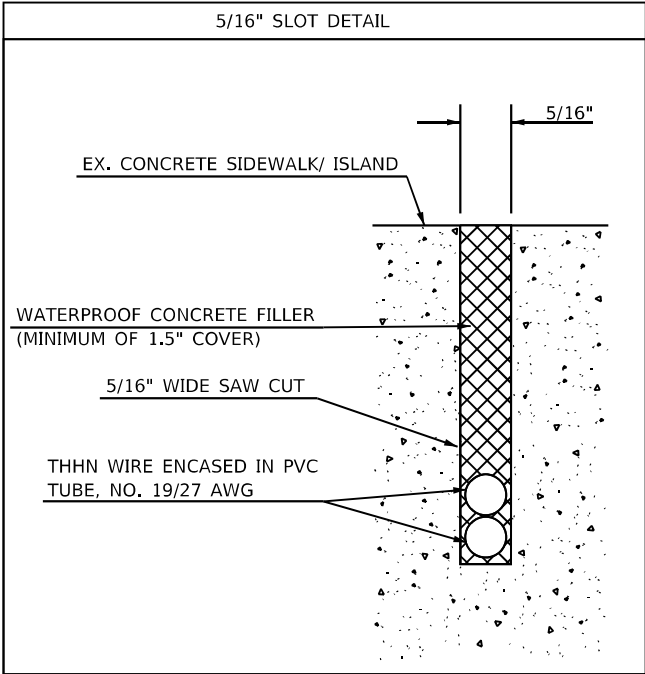
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F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR.	D4 ADA PUSHBUTTONS 2024-1	*	76	74
CONTRACT NO. 68H77				
ILLINOIS FED. AID PROJECT				



NOTES:

1. THE WIDTH OF THE SLOT MAY BE ADJUSTED AS REQUIRED FOR PVC TUBE WIRE INSTALLATION OR AS DIRECTED BY THE RESIDENT ENGINEER.
2. THE PVC TUBE WIRE WILL BE PAID FOR SEPARATELY UNDER PAY ITEM THNN WIRE ENCASED IN PVC TUBE, NO. 19/27 AWG.
3. THE SAWED SLOT SHALL BE CLEAN, DRY, AND HAVE A SMOOTH BOTTOM. DIAGONAL SAW CUTS OR DRILLED HOLES SHALL BE MADE AT ALL CORNERS TO PREVENT SHARP BENDS IN THE WIRE. THE SAW CUTS AT THE CORNERS SHALL BE OVERLAPPED SO THEY HAVE FULL DEPTH. THE SLOT SHALL BE CLEANED BY AIR PRESSURE REMOVING ANY DEBRIS AND WATER. EACH TUBE CONTAINING THE THNN WIRE SHALL BE PUSHED INTO THE SAW CUT WITH A WOODEN TOOL TO PREVENT TUBE DAMAGE.
4. SAW CUTS AND CORE HOLES SHALL HAVE A MINIMUM DEPTH OF 2" OR AS REQUIRED TO PROVIDE 1.5" MINIMUM CABLE EMBEDMENT FROM THE SURFACE OF THE CONCRETE.
5. THE CONTRACTOR SHALL CORE HOLES INTO EXISTING CONCRETE SIDEWALKS, PAVEMENT, AND FOUNDATIONS AS REQUIRED TO PROVIDE STRAIN RELIEF AND ROOM TO PREVENT THE PROPOSED PVC TUBE WIRE FROM BREAKING DURING PERIODS OF EXPANSION AND CONTRACTION CAUSED BY CHANGING ENVIRONMENTAL CONDITIONS.
6. THE CONTRACTOR SHALL CUT SLOTS ON TOP OF EXISTING CONCRETE SIDEWALKS, PAVEMENT, AND FOUNDATIONS USING SAWS, GRINDERS, AND OTHER HAND TOOLS AS REQUIRED FOR PVC TUBE WIRE INSTALLATION.
7. THE CONTRACTOR SHALL DRILL THROUGH EXISTING HANDHOLES OR CONCRETE FOUNDATIONS USING A 3/4" (OR DIAMETER AS REQUIRED FOR WIRE INSTALLATION) CARBIDE TIPPED MASONRY DRILL BIT THAT MEETS ANSI STANDARD B212.15.
8. THE CONTRACTOR SHALL FILL ALL SAW CUT SLOTS, CORED HOLES, AND OTHER PENETRATIONS WITH A WATERPROOF CONCRETE FILLER. THE FILLER SHALL BE INSTALLED INTO SAW CUTS USING A CAULK GUN TO FILL THE ENTIRE SLOT AND RAKED SMOOTH TO MATCH THE EXISTING CONCRETE SURFACE. THE CONTRACTOR SHALL PROVIDE A NEAT, FINISHED SURFACE.
9. THE CONTRACTOR SHALL REMOVE AND REINSTALL THE EXISTING MAST ARM SCREEN TO CUT SLOT AND INSTALL PVC TUBE WIRES AND FILLER. THE CONTRACTOR SHALL FURNISH AND INSTALL NEW STAINLESS STEEL OR PERFORATED ALUMINUM RODENT SCREEN IF THE EXISTING SCREEN IS NOT ABLE TO BE REINSTALLED. THE COST OF THIS WORK SHALL BE INCLUDED IN THE BID PRICE OF THE SAW CUT.
10. ALL TUBE WIRES SHALL BE INSTALLED BELOW THE SURFACE OF THE CONCRETE, NO EXPOSED WIRES WILL BE ALLOWED.



\* FULTON, KNOX, MARSHALL, MCDONOUGH, TAZEWELL & WOODFORD COUNTIES

NOT TO SCALE

USER NAME = trevor.hanson

DESIGNED -

REVISED -

PLOT SCALE = 23,8272 \* / in.

CHECKED -

REVISED -

PLOT DATE = 8/21/2023

DATE -

REVISED -

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

SAW CUT FOR ELECTRICAL CABLE INSTALLATION, 5/16"  
DETAIL

SCALE: SHEET OF SHEETS STA. TO STA.

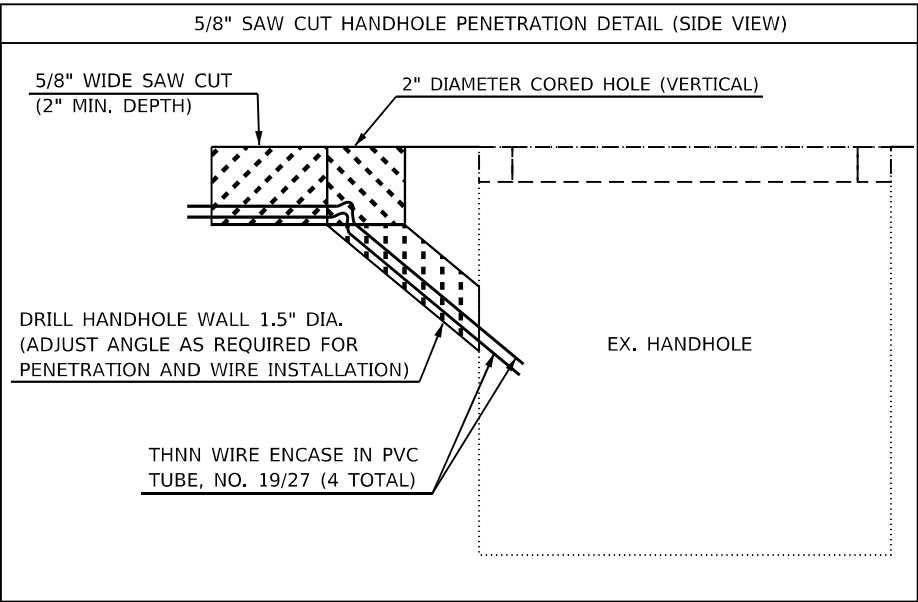
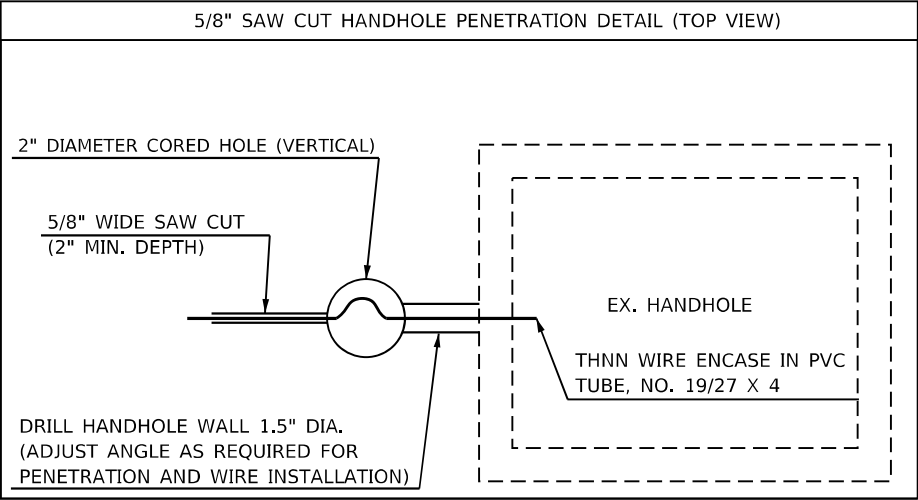
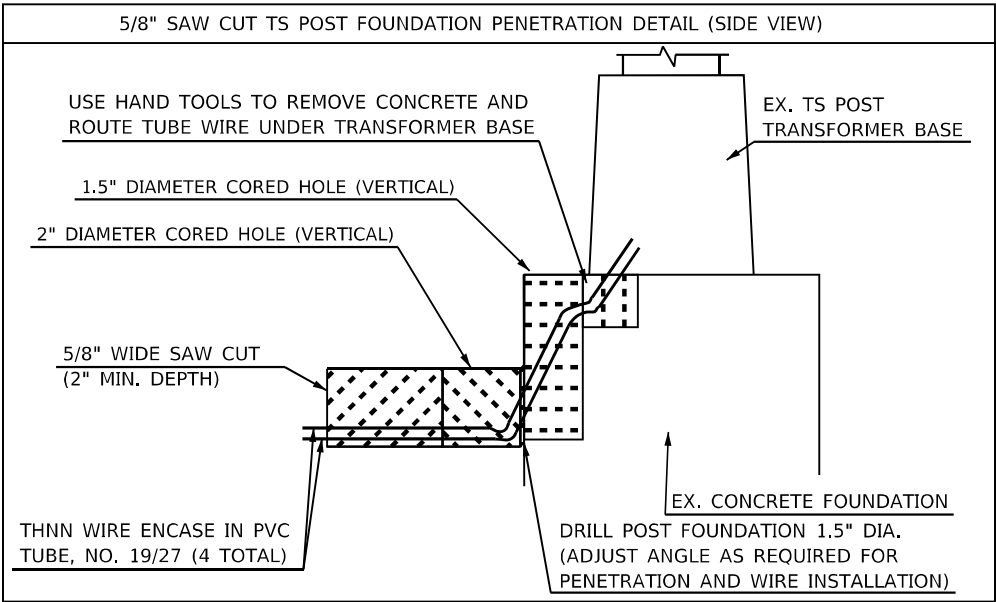
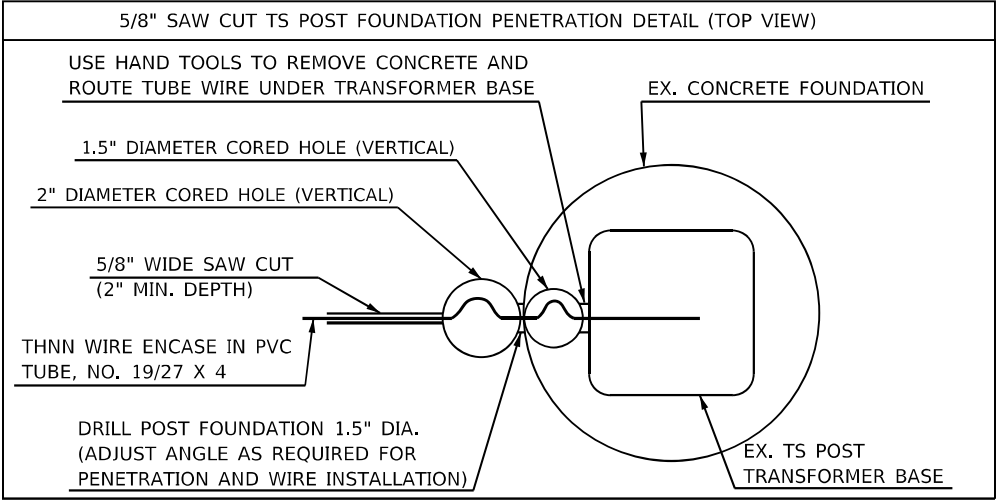
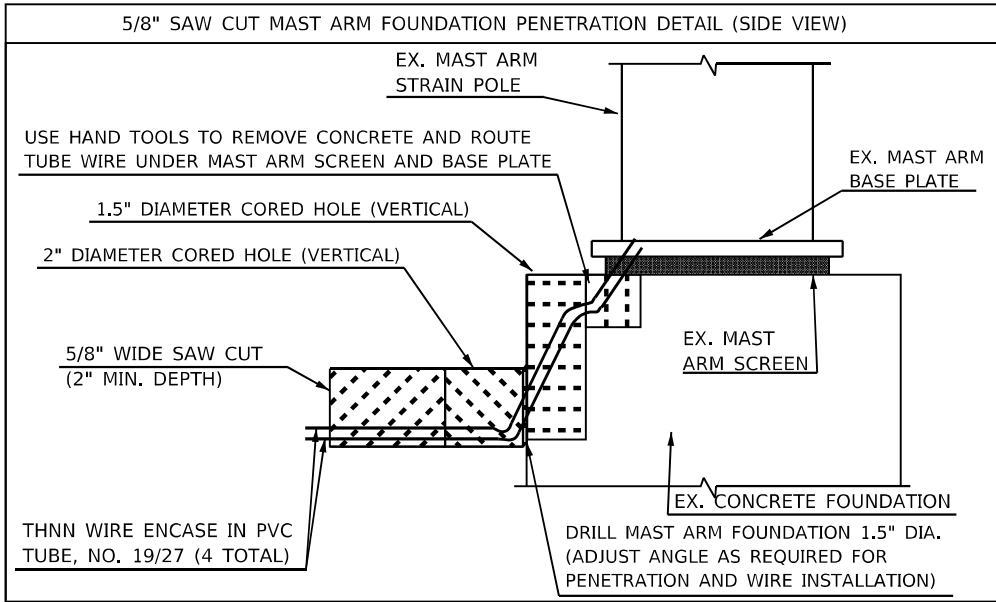
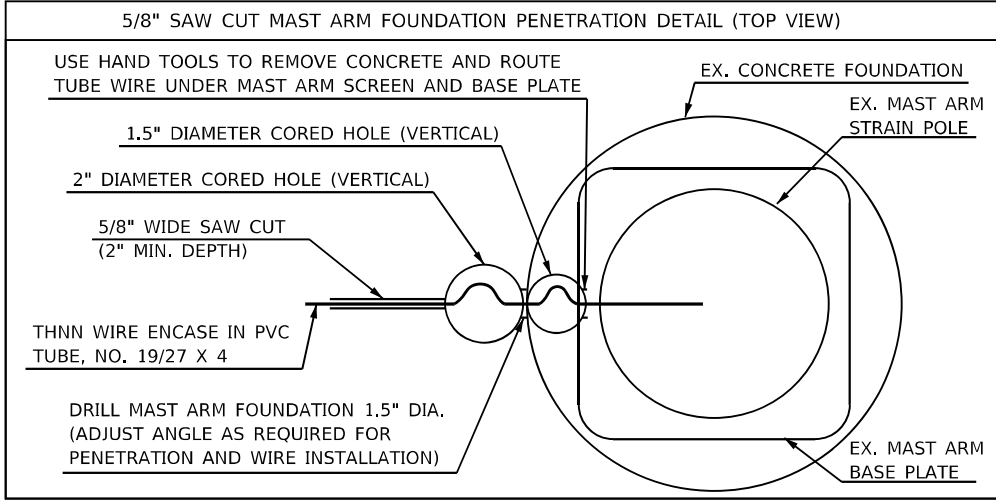
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VAR. D4 ADA PUSHBUTTONS 2024-1 \* 76 75

CONTRACT NO. 68H77

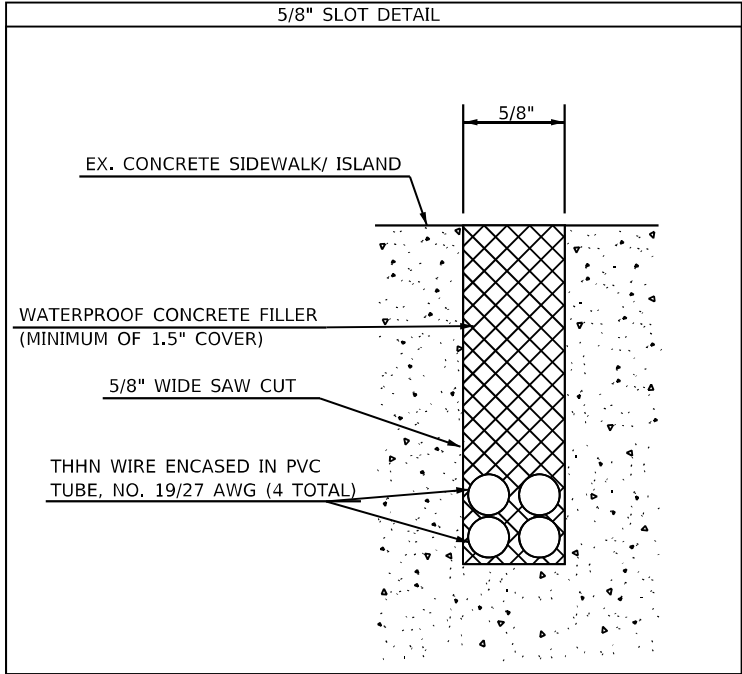
ILLINOIS FED. AID PROJECT

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USER NAME = trevor.hanson

DESIGNED -

REVISED -

DRAWN -

REVISED -

PLOT SCALE = 23,8272' = 1 in.

CHECKED -

REVISED -

PLOT DATE = 8/21/2023

DATE -

REVISED -

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

SAW CUT FOR ELECTRICAL CABLE INSTALLATION, 5/8"  
DETAIL

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. COUNTY TOTAL SHEETS

RTE. SECTION \* 76 76

VAR. D4 ADA PUSHBUTTONS 2024-1 CONTRACT NO. 68H77

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