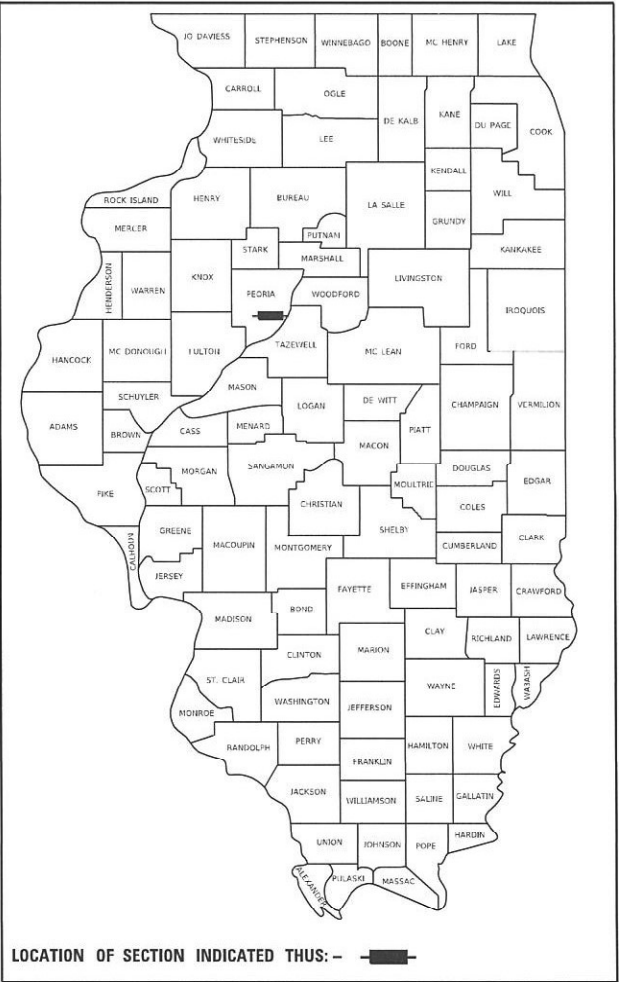


09-22-2023 LETTING ITEM 037

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR.	D4 ADA PUSHBUTTONS 2024	PEORIA	80	1
		ILLINOIS	CONTRACT NO. 68H76	

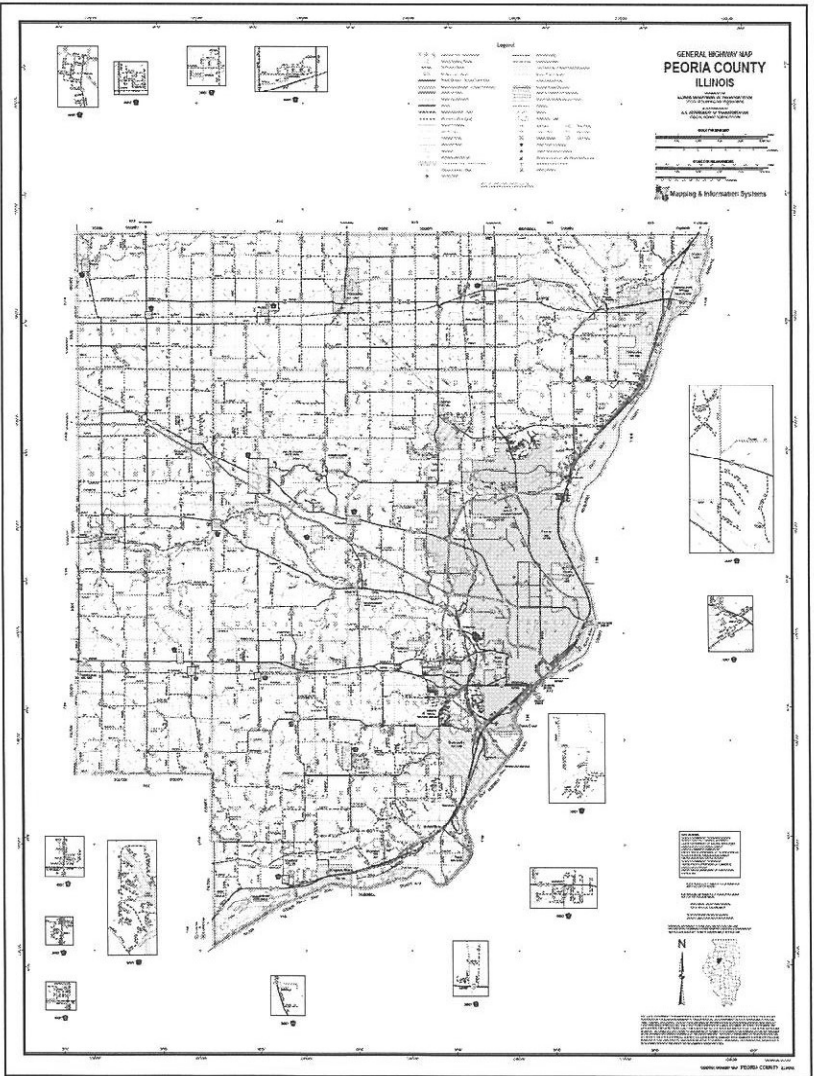
D-94-053-23



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SEE SHEET 2 FOR INDEX OF SHEETS

PROPOSED  
HIGHWAY PLANS  
VARIOUS ROUTES  
PROJECT NUMBER: HSIP-VNFP(063)  
D4 ADA PUSHBUTTONS 2024  
PEORIA COUNTY

C-94-080-23



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 PEORIA COUNTY.

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. 036437-00D  
CONTRACT NO. 68H76

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

SUBMITTED June 30 2023  
Kennel A Barnett RSP  
REGIONAL ENGINEER

August 18, 2023  
SEA. EKS  
ENGINEER OF DESIGN AND ENVIRONMENT

August 18, 2023  
Stephen M. Smith  
DIRECTOR OF HIGHWAYS PROJECT IMPLEMENTATION

PRINTED BY THE AUTHORITY  
OF THE STATE OF ILLINOIS

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AF516H76 (Peoria A11S) (Final 06-29-23).dgn

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USER NAME = trevor.hanson	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 23,8272 ' / in.	CHECKED -	REVISED -
PLOT DATE = 6/29/2023	DATE -	REVISED -

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR.	D4 ADA PUSHBUTTONS 2024	PEORIA	80	2
		CONTRACT NO. 68H76		
		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	
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701801-06	SIDEWALK, CORNER OR CROSSWALK CLOSURE
701901-08	TRAFFIC CONTROL DEVICES
814001-03	HANDHOLES
857001-01	STANDARD PHASE DESIGNATION DIAGRAMS AND PHASE SEQUENCES
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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
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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. CONDUIT
	EX. PEDESTRIAN PUSHBUTTON		PROP. SAW CUT FOR ELECTRICAL CABLE INSTALLATION
	EX. MAST ARM ASSEMBLY AND POLE		
	EX. COMBINATION MAST ARM ASSEMBLY AND POLE		
	EX. TRAFFIC SIGNAL POST		
	EX. LUMINAIRE		
	EX. QUADRAPOLE DETECTOR		
	EX. CONDUIT		

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FILE NAME: S:\GEN\W\WORD\DESIGN\AN\Hanson.# APS\68H76 (Revised APS) (Final 06-29-23).dgn

	USER NAME = trevor.hanson	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	COMMITMENTS, TRAFFIC HIGHWAY STANDARDS, TRAFFIC SIGNAL CONSTRUCTION STAGING NOTES & LEGENDS	SCALE:	SHEET	OF	SHEETS	STA.	TO STA.	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		DRAWN -	REVISED -									VAR.	D4 ADA PUSHBUTTONS 2024	PEORIA	80	3
	PLOT SCALE = 23,8272 * / in.	CHECKED -	REVISED -									CONTRACT NO. 68H76				
	PLOT DATE = 6/29/2023	DATE -	REVISED -									ILLINOIS FED. AID PROJECT				

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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 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 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."

USER NAME = Trevor,Hanson	DESIGNED -	REVISED 08-07-23 TJH	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	CONSTRUCTION NOTES					F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	DRAWN -	REVISED - 08-08-23 TJH							VAR.	D4 ADA PUSHBUTTONS 2024	PEORIA	80	4
PLOT SCALE = 23,8272 ' / in.	CHECKED -	REVISED -		CONTRACT NO. 68H76									
PLOT DATE = 8/9/2023	DATE -	REVISED -		SCALE:	SHEET	OF	SHEETS	STA.	TO	STA.	ILLINOIS	FED. AID PROJECT	

MODEL: Default  
FILE NAME: S:\GEN\W\W0R0D0ES\PLAN\Hanson.4 AFS\68H76 (Peoria AFS) (Final 06-29-23).dgn

SUMMARY OF QUANTITIES				PEORIA COUNTY
				CONST. TYPE CODE 0021 SAFETY FUNDS 90% FEDERAL 10% STATE URBAN
CODE	ITEM DESCRIPTION	UNIT	TOTAL QTY.	QTY.
42400100	PORTLAND CEMENT CONCRETE SIDEWALK 4 INCH	SQ FT	38.0	38.0
44000600	SIDEWALK REMOVAL	SQ FT	48.0	48.0
67100100	MOBILIZATION	L SUM	1.0	1.0
81028320	UNDERGROUND CONDUIT, PVC, 1" DIA.	FOOT	590.0	590.0
81028350	UNDERGROUND CONDUIT, PVC, 2" DIA.	FOOT	536.0	536.0
81400700	HANDHOLE, PORTLAND CEMENT CONCRETE	EACH	3.0	3.0
86300400	CONTROLLER CABINET TYPE IV	EACH	1.0	1.0
87301225	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 3C	FOOT	11842.5	11842.5
87301245	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 5C	FOOT	9346.0	9346.0
87301255	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 7C	FOOT	995.0	995.0
87301900	ELECTRIC CABLE IN CONDUIT, EQUIPMENT GROUNDING CONDUCTOR, NO. 6 1C	FOOT	839.5	839.5
87502450	TRAFFIC SIGNAL POST, GALVANIZED STEEL 11 FT.	EACH	14.0	14.0
87800100	CONCRETE FOUNDATION, TYPE A	FOOT	45.0	45.0
87900100	DRILL EXISTING FOUNDATION	EACH	7.0	7.0
87900200	DRILL EXISTING HANDHOLE	EACH	61.0	61.0
88102825	PEDESTRIAN SIGNAL HEAD, POLYCARBONATE, LED, 1-FACE, BRACKET MOUNTED WITH COUNT DOWN TIMER	EACH	37.0	37.0

USER NAME = trevor.hanson
PLOT SCALE = 23.8272 ' / in.
PLOT DATE = 6/29/2023

DESIGNED -
DRAWN -
CHECKED -
DATE -

REVISED -
REVISED -
REVISED -
REVISED -

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES

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	PEORIA	80	5
CONTRACT NO. 68H76				
ILLINOIS FED. AID PROJECT				



SUMMARY OF QUANTITIES - CONTINUED				PEORIA COUNTY
				CONST. TYPE CODE 0021 SAFETY FUNDS 90% FEDERAL 10% STATE URBAN
CODE	ITEM DESCRIPTION	UNIT	TOTAL QTY.	QTY.
88200510	TRAFFIC SIGNAL BACKPLATE, RETROREFLECTIVE	EACH	158.0	158.0
89502210	MODIFY EXISTING CONTROLLER CABINET	EACH	3.0	3.0
X0327739	MISCELLANEOUS ELECTRICAL WORK	L SUM	1.0	1.0
X4402815	ISLAND PAVEMENT REMOVAL AND REPLACEMENT	SQ FT	317.5	317.5
X7010216	TRAFFIC CONTROL AND PROTECTION, (SPECIAL)	L SUM	1.0	1.0
X8140115	HANDHOLE TO BE ADJUSTED	EACH	1.0	1.0
X8760200	ACCESSIBLE PEDESTRIAN SIGNALS	EACH	432.0	432.0
X8760201	PEDESTRIAN PUSH-BUTTON POST	EACH	43.0	43.0
X8910050	ILLUMINATED SIGN (SPECIAL)	EACH	20.0	20.0
X1400520	THHN WIRE ENCASED IN PVC TUBE, NO. 19/27 AWG	FOOT	7896.5	7896.5
X8860016	SAW CUT FOR ELECTRICAL CABLE INSTALLATION, 5/16"	FOOT	733.0	733.0
X8860008	SAW CUT FOR ELECTRICAL CABLE INSTALLATION, 5/8"	FOOT	184.0	184.0
X8780302	ANCHOR BOLT SET, 1/2 DIAMETER, WITH WEDGE ANCHORS	EACH	117.0	117.0
X8760002	APS EXTENSION BRACKET	EACH	12.0	12.0
X8760203	PEDESTRIAN PUSH-BUTTON POST (NO FOUNDATION)	EACH	117.0	117.0

USER NAME = trevor.hanson	DESIGNED -	REVISED 03-16-22 TJH	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SUMMARY OF QUANTITIES – CONTINUED					F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	DRAWN -	REVISED 04-26-23 TJH							VAR.	D4 ADA PUSHBUTTONS 2024	PEORIA	80	6
PLOT SCALE = 23,8272' / in.	CHECKED -	REVISED -		CONTRACT NO. 68H76									
PLOT DATE = 6/29/2023	DATE -	REVISED -		SCALE:	SHEET	OF	SHEETS	STA.	TO STA.				





ROHMANN AVE.

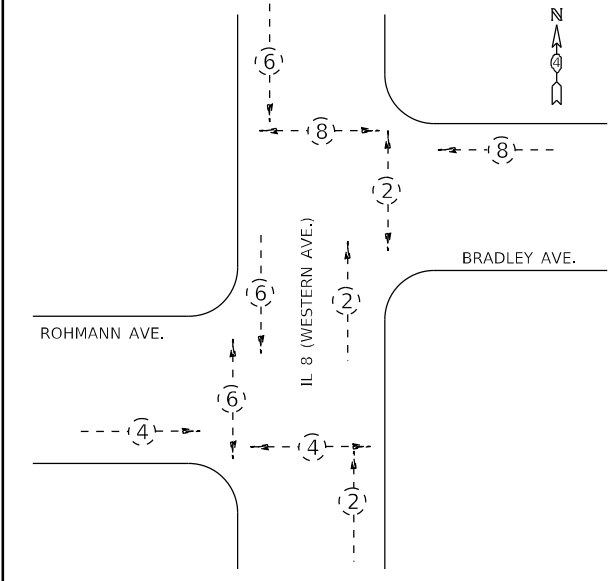
PEORIA TOWNSHIP  
40.696524, -89.622719



BILL OF MATERIALS		
IL 8 (WESTERN) & BRADLEY/ ROHMANN		
ITEM DESCRIPTION	UNIT	QTY.
UNDERGROUND CONDUIT, PVC, 1" DIA.	FOOT	22.0
ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 3C	FOOT	37.5
DRILL EXISTING FOUNDATION	EACH	1.0
DRILL EXISTING HANDHOLE	EACH	1.0
ACCESSIBLE PEDESTRIAN SIGNALS	EACH	8.0
PEDESTRIAN PUSH-BUTTON POST	EACH	3.0
PEDESTRIAN PUSH-BUTTON POST (NO FOUNDATION)	EACH	5.0
THHN WIRE ENCASED IN PVC TUBE, NO. 19/27 AWG	FOOT	337.0
SAW CUT FOR ELECTRICAL CABLE INSTALLATION, 5/16"	FOOT	40.0
ANCHOR BOLT SET, 1/2 DIAMETER, WITH WEDGE ANCHORS	EACH	5.0

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

IL 8 (WESTERN AVE.) & BRADLEY AVE./ ROHMANN AVE.



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

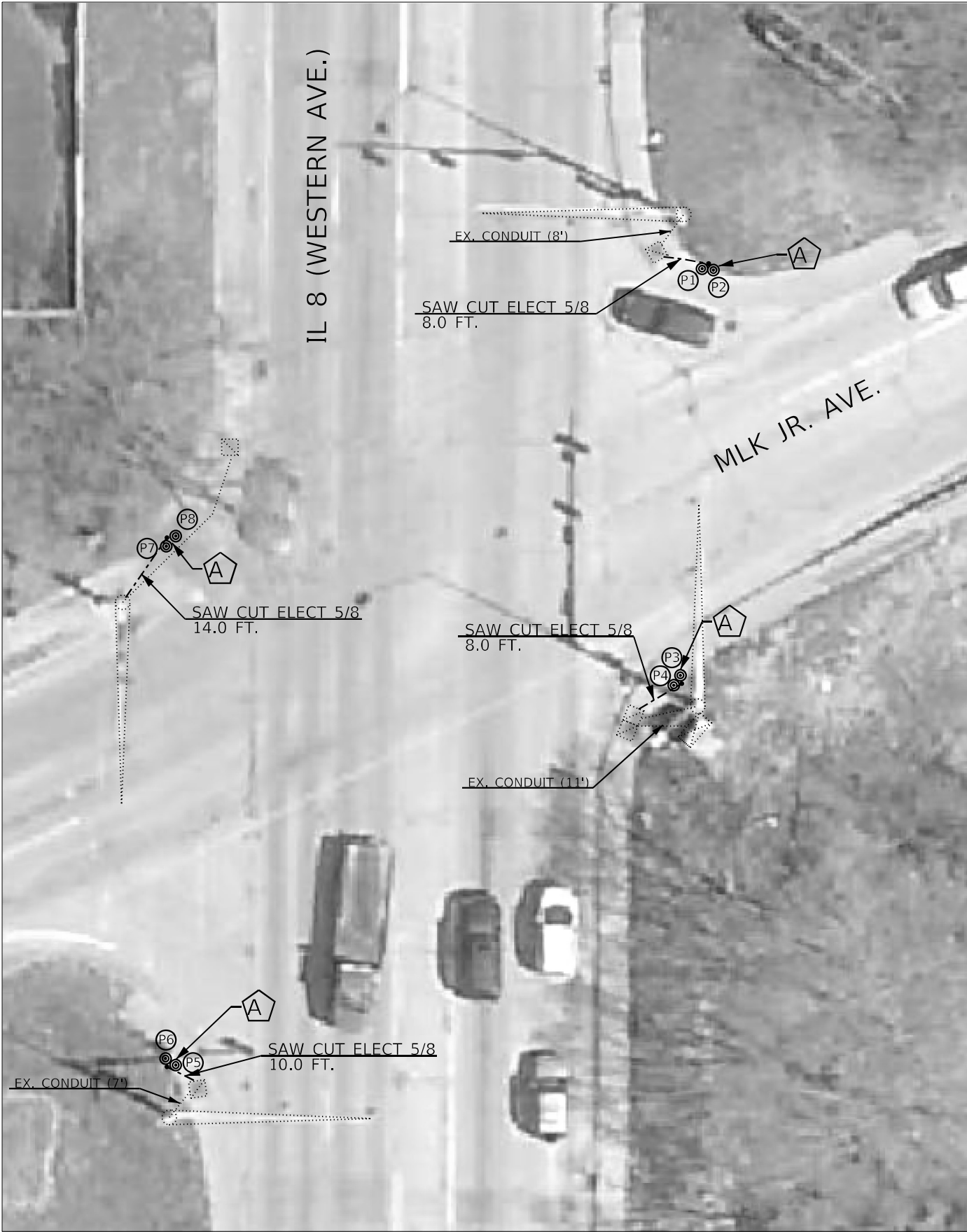
PROPOSED ACCESSIBLE PEDESTRIAN SIGNALS  
IL 8 (WESTERN AVE.) & BRADLEY/ ROHMANN AVE. - PEORIA

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR.	D4 ADA PUSHBUTTONS 2024	PEORIA	80	8
CONTRACT NO. 68H76				
ILLINOIS FED. AID PROJECT				

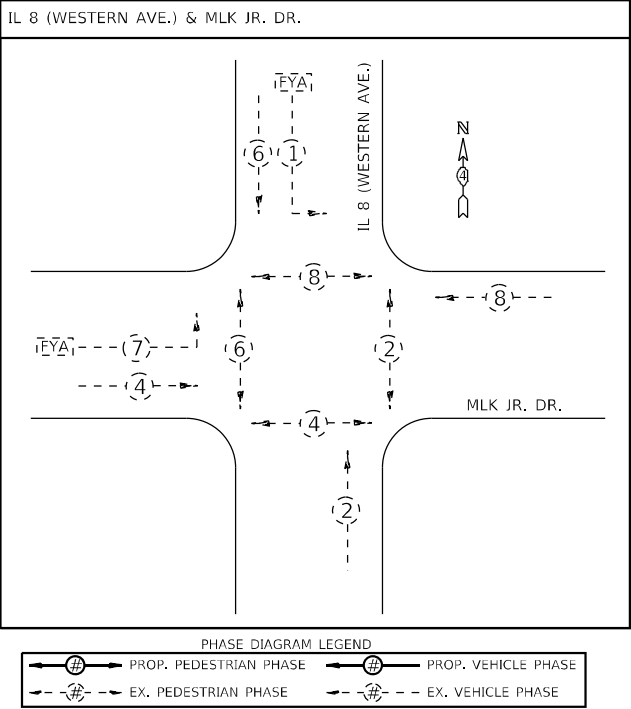






BILL OF MATERIALS		
IL 8 (WESTERN) & MLK JR.		
ITEM DESCRIPTION	UNIT	QTY.
ACCESSIBLE PEDESTRIAN SIGNALS	EACH	8.0
PEDESTRIAN PUSH-BUTTON POST (NO FOUNDATION)	EACH	4.0
THHN WIRE ENCASED IN PVC TUBE, NO. 19/27 AWG	FOOT	512.0
SAW CUT FOR ELECTRICAL CABLE INSTALLATION, 5/8"	FOOT	40.0
ANCHOR BOLT SET, 1/2 DIAMETER, WITH WEDGE ANCHORS	EACH	4.0

APS SCHEDULE							
IL 8 (WESTERN) & MLK JR.							
LABEL	LOCATION	INSTALLATION TYPE	MOUNTING BRACKET	CROSSING	WALK INDICATION	WIRING NOTES	NOTES
P1	NE QUAD	PROP. PEDESTRIAN PUSH-BUTTON POST (NO FOUNDATION)	DUAL	WESTERN	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	MLK JR.	SPEECH		
P3	SE QUAD	PROP. PEDESTRIAN PUSH-BUTTON POST (NO FOUNDATION)	DUAL	MLK JR.	SPEECH	INSTALL NEW WIRE FROM APS TO CONTROLLER	PROP. SAW CUT FROM PROP. PUSHBUTTON POST TO EX. DOUBLE HANDHOLE
P4	SE QUAD		DUAL	WESTERN	SPEECH		
P5	SW QUAD	PROP. PEDESTRIAN PUSH-BUTTON POST (NO FOUNDATION)	DUAL	WESTERN	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	MLK JR.	SPEECH		
P7	NW QUAD	PROP. PEDESTRIAN PUSH-BUTTON POST (NO FOUNDATION)	DUAL	MLK JR.	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
P8	NW QUAD		DUAL	WESTERN	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

PEORIA TOWNSHIP  
40.687749, -89.622804

USER NAME = trevor.hanson	DESIGNED -	REVISED -
DRAWN -	REVISED -	
PLOT SCALE = 23,8272 * / in.	CHECKED -	REVISED -
PLOT DATE = 6/29/2023	DATE -	REVISED -

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

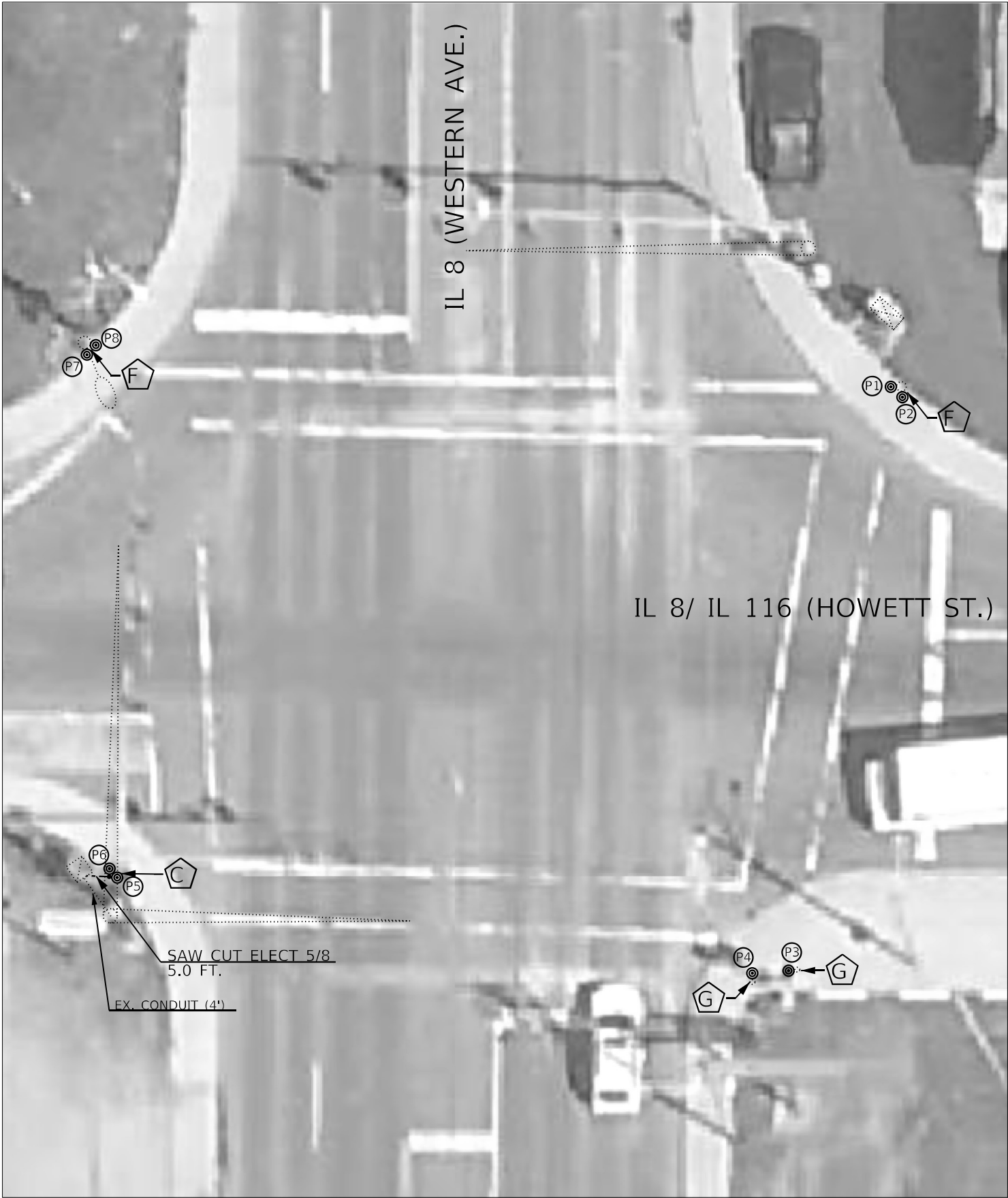
PROPOSED ACCESSIBLE PEDESTRIAN SIGNALS  
IL 8 (WESTERN AVE.) & MLK JR. DR. - PEORIA

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR.	D4 ADA PUSHBUTTONS 2024	PEORIA	80	10
CONTRACT NO. 68H76				
ILLINOIS FED. AID PROJECT				

NOT TO SCALE

MODEL: Default  
FILE NAME: S:\PEORIA\WORK\DD\ESP\ANI\Hanson.# AP56BH76 (Peoria APS) (Final 06-29-23).dgn



PEORIA TOWNSHIP  
40.682374, -89.622849

USER NAME = trevor.hanson  
DESIGNED -  
DRAWN -  
PLOT SCALE = 23,8272' = 1 in.  
CHECKED -  
PLOT DATE = 6/29/2023

DESIGNED -  
DRAWN -  
CHECKED -  
DATE -

REVISED -  
REVISED -  
REVISED -  
REVISED -

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

PROPOSED ACCESSIBLE PEDESTRIAN SIGNALS  
IL 8 (WESTERN AVE.) & IL8/ IL 116 (HOWETT ST.) - PEORIA

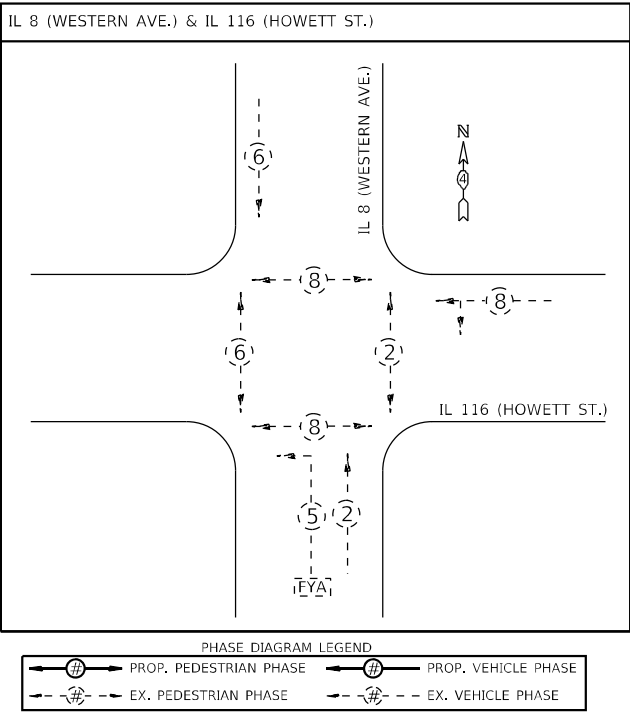
SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE. SECTION COUNTY TOTAL SHEETS SHEET NO.  
VAR. D4 ADA PUSHBUTTONS 2024 PEORIA 80 11  
CONTRACT NO. 68H76  
ILLINOIS FED. AID PROJECT



BILL OF MATERIALS		
IL 8 (WESTERN) & IL 8/ IL 116 (HOWETT)		
ITEM DESCRIPTION	UNIT	QTY.
ACCESSIBLE PEDESTRIAN SIGNALS	EACH	8.0
PEDESTRIAN PUSH-BUTTON POST (NO FOUNDATION)	EACH	1.0
THHN WIRE ENCASED IN PVC TUBE, NO. 19/27 AWG	FOOT	98.0
SAW CUT FOR ELECTRICAL CABLE INSTALLATION, 5/8"	FOOT	5.0
ANCHOR BOLT SET, 1/2 DIAMETER, WITH WEDGE ANCHORS	EACH	1.0

APS SCHEDULE							
IL 8 (WESTERN) & IL 8/ IL 116 (HOWETT)							
LABEL	LOCATION	INSTALLATION TYPE	MOUNTING BRACKET	CROSSING	WALK INDICATION	WIRING NOTES	NOTES
P1	NE QUAD	EX. TS POST	DUAL	WESTERN	SPEECH	RE-USE EXISITNG WIRE	
P2	NE QUAD		DUAL	HOWETT	SPEECH		
P3	SE QUAD	EX. PEDESTRIAN PUSHBUTTON POST	SINGLE	HOWETT	SPEECH	RE-USE EXISITNG WIRE	
P4	SE QUAD	EX. PEDESTRIAN PUSHBUTTON POST	SINGLE	WESTERN	SPEECH	RE-USE EXISITNG WIRE	
P5	SW QUAD	PROP. PEDESTRIAN PUSH-BUTTON POST (NO FOUNDATION)	DUAL	WESTERN	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	HOWETT	SPEECH		
P7	NW QUAD	EX. LIGHT POLE	DUAL	HOWETT	SPEECH	RE-USE EXISITNG WIRE	
P8	NW QUAD		DUAL	WESTERN	SPEECH		

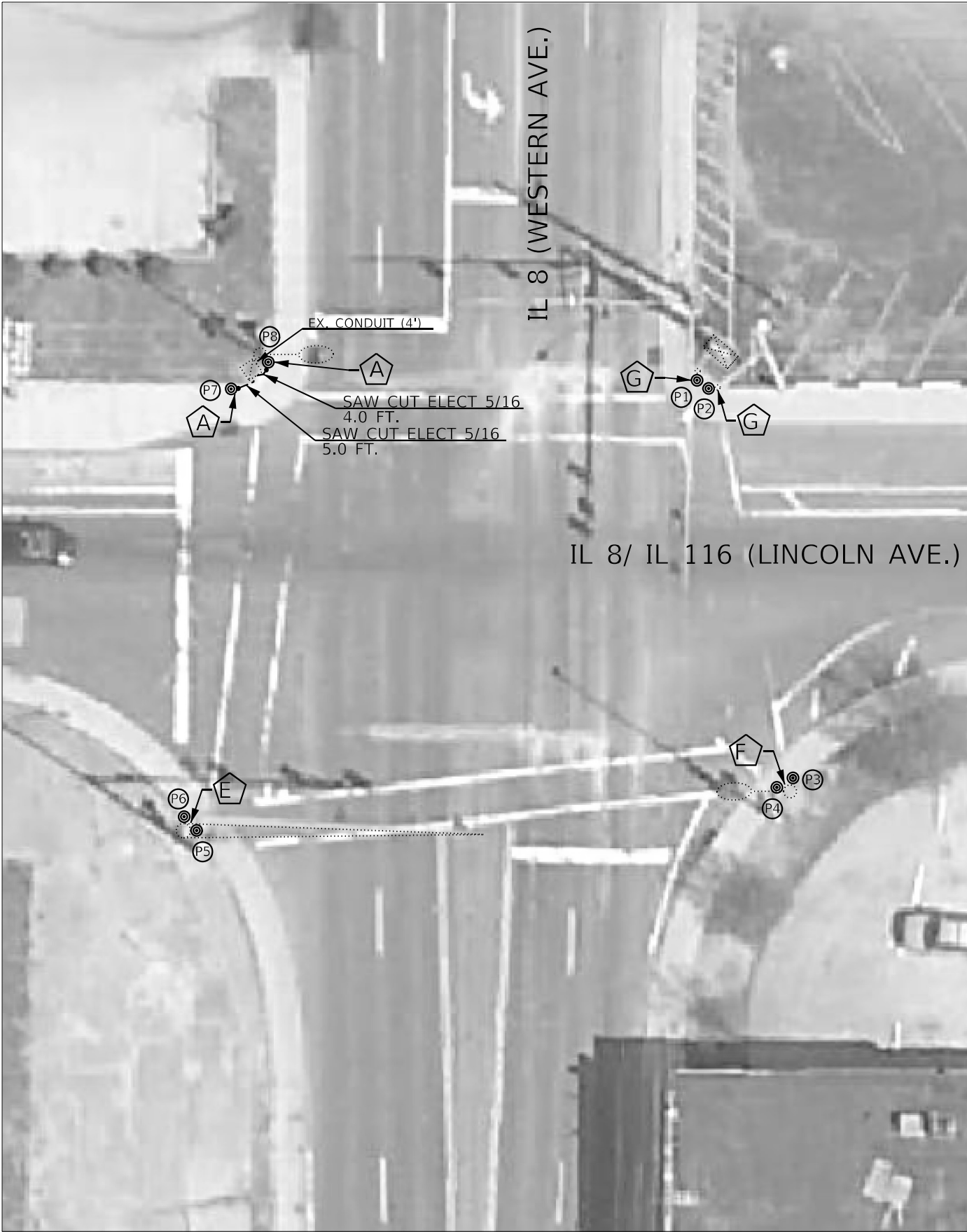


#### APS LEGEND

- 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



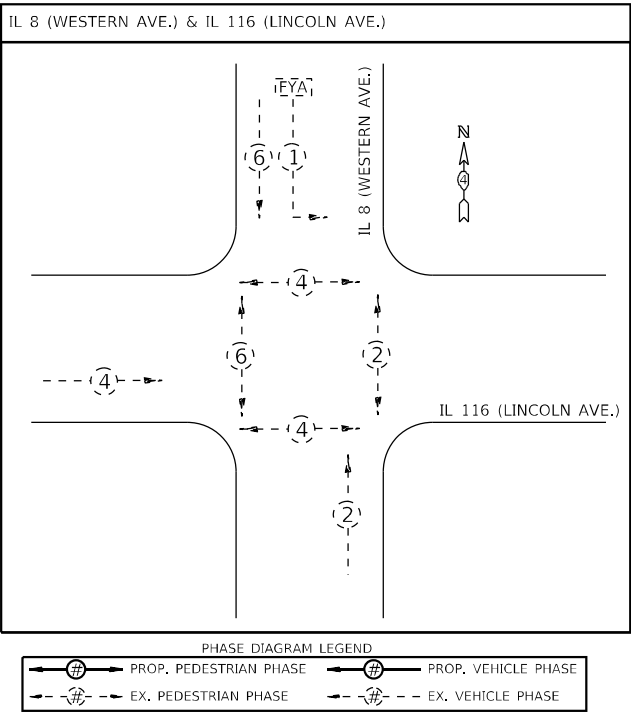


PEORIA TOWNSHIP  
40.681441, -89.622900



BILL OF MATERIALS		
IL 8 (WESTERN) & IL 8/ IL 116 (LINCOLN)		
ITEM DESCRIPTION	UNIT	QTY.
ACCESSIBLE PEDESTRIAN SIGNALS	EACH	8.0
PEDESTRIAN PUSH-BUTTON POST (NO FOUNDATION)	EACH	2.0
THHN WIRE ENCASED IN PVC TUBE, NO. 19/27 AWG	FOOT	96.0
SAW CUT FOR ELECTRICAL CABLE INSTALLATION, 5/16"	FOOT	9.0
ANCHOR BOLT SET, 1/2 DIAMETER, WITH WEDGE ANCHORS	EACH	2.0

APS SCHEDULE							
IL 8 (WESTERN) & IL 8/ IL 116 (LINCOLN)							
LABEL	LOCATION	INSTALLATION TYPE	MOUNTING BRACKET	CROSSING	WALK INDICATION	WIRING NOTES	NOTES
P1	NE QUAD	EX. PEDESTRIAN PUSHBUTTON POST	SINGLE	WESTERN	SPEECH	RE-USE EXISITNG WIRE	
P2	NE QUAD	EX. PEDESTRIAN PUSHBUTTON POST	SINGLE	LINCOLN	SPEECH	RE-USE EXISITNG WIRE	
P3	SE QUAD	EX. LIGHT POLE	DUAL	LINCOLN	SPEECH	RE-USE EXISITNG WIRE	
P4	SE QUAD		DUAL	WESTERN	SPEECH		
P5	SW QUAD	EX. MAST ARM	DUAL	WESTERN	SPEECH	RE-USE EXISITNG WIRE	
P6	SW QUAD		DUAL	LINCOLN	SPEECH		
P7	NW QUAD	PROP. PEDESTRIAN PUSH-BUTTON POST (NO FOUNDATION)	SINGLE	LINCOLN	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
P8	NW QUAD	PROP. PEDESTRIAN PUSH-BUTTON POST (NO FOUNDATION)	SINGLE	WESTERN	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



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

MODEL: Default  
FILE NAME: S:\ENR\WORK\DESIGN\AN\Hanson\# APS\68H76 (Peoria APS) (Final 06-29-23).dgn

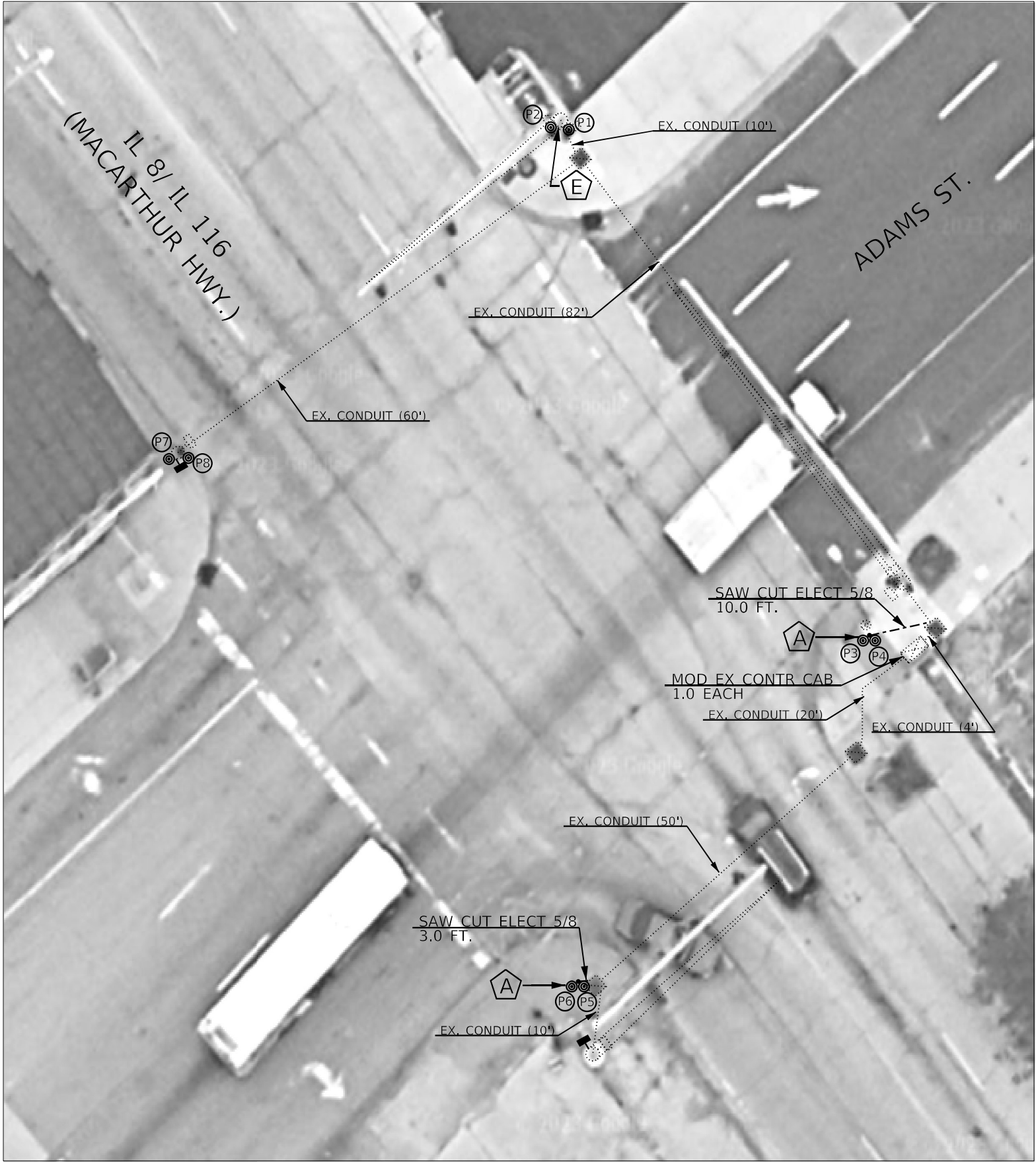
USER NAME = trevor.hanson	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 23,8272 * / in.	CHECKED -	REVISED -
PLOT DATE = 6/29/2023	DATE -	REVISED -

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

PROPOSED ACCESSIBLE PEDESTRIAN SIGNALS IL 8 (WESTERN AVE.) & IL 8/ IL 116 (LINCOLN AVE.) - PEORIA			
SCALE:	SHEET	OF	SHEETS
STA.	TO	STA.	

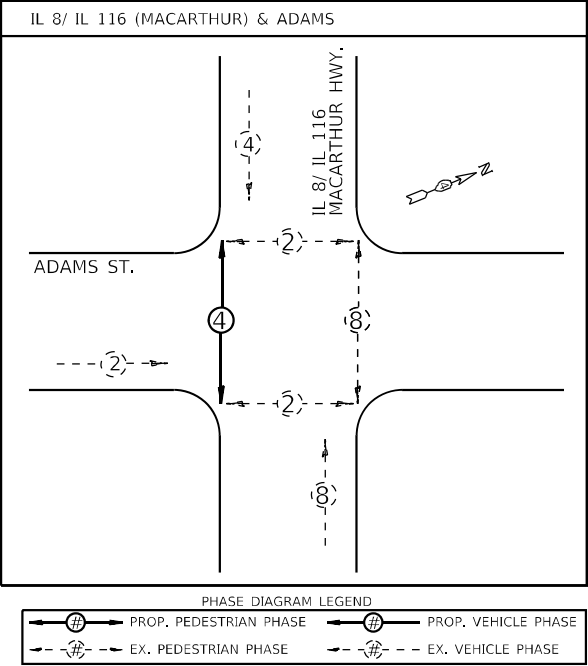
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR.	D4 ADA PUSHBUTTONS 2024	PEORIA	80	12
CONTRACT NO. 68H76				
ILLINOIS				FED. AID PROJECT

NOT TO SCALE



BILL OF MATERIALS		
IL 8/ IL 116 (MACARTHUR HWY.) & ADAMS ST.		
ITEM DESCRIPTION	UNIT	QTY.
ACCESSIBLE PEDESTRIAN SIGNALS	EACH	8.0
PEDESTRIAN PUSH-BUTTON POST (NO FOUNDATION)	EACH	2.0
THHN WIRE ENCASED IN PVC TUBE, NO. 19/27 AWG	FOOT	232.0
SAW CUT FOR ELECTRICAL CABLE INSTALLATION, 5/8"	FOOT	13.0
ANCHOR BOLT SET, 1/2 DIAMETER, WITH WEDGE ANCHORS	EACH	2.0
ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 3C	FOOT	259.5
ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 5C	FOOT	285.5
PEDESTRIAN SIGNAL HEAD, POLYCARBONATE, LED, 1-FACE, BRACKET MOUNTED WITH COUNT DOWN TIMER	EACH	2.0
MODIFY EXISTING CONTROLLER CABINET	EACH	1.0

APSSCHEDULE							
IL 8/ IL 116 (MACARTHUR HWY.) & ADAMS ST.							
LABEL	LOCATION	INSTALLATION TYPE	MOUNTING BRACKET	CROSSING	WALK INDICATION	WIRING NOTES	NOTES
P1	N QUAD	EX. MAST ARM	DUAL	MACARTHUR	SPEECH	INSTALL NEW CABLE FROM APS TO CONTROLLER	RE-USE EXISTING CONDUIT
P2	N QUAD		DUAL	ADAMS	SPEECH		
P3	E QUAD	PROP. PEDESTRIAN PUSH-BUTTON POST (NO FOUNDATION)	DUAL	ADAMS	SPEECH	INSTALL NEW CABLE FROM APS TO CONTROLLER	SAW CUT FROM PROP. PUSHBUTTON POST TO EX. HANDHOLE
P4	E QUAD		DUAL	MACARTHUR	SPEECH		
P5	S QUAD	PROP. PEDESTRIAN PUSH-BUTTON POST (NO FOUNDATION)	DUAL	MACARTHUR	SPEECH	INSTALL NEW CABLE FROM APS TO CONTROLLER	SAW CUT FROM PROP. PUSHBUTTON POST TO EX. HANDHOLE
P6	S QUAD		DUAL	ADAMS	SPEECH		
P7	W QUAD	EX. TS POST	DUAL	ADAMS	SPEECH	INSTALL NEW CABLE FROM APS TO CONTROLLER	RE-USE EXISTING CONDUIT
P8	W QUAD		DUAL	MACARTHUR	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

PEORIA TOWNSHIP  
40.693537, -89.587084

USER NAME = trevor.hanson	DESIGNED -	REVISED -
DRAWN -	REVISD -	
PLOT SCALE = 23,8272 * / in.	CHECKED -	REVISED -
PLOT DATE = 6/29/2023	DATE -	REVISED -

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

PROPOSED ACCESSIBLE PEDESTRIAN SIGNALS  
IL 8/ IL 116 (MACARTHUR HWY.) & ADAMS ST. - PEORIA

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR.	D4 ADA PUSHBUTTONS 2024	PEORIA	80	13
CONTRACT NO. 68H76				
ILLINOIS FED. AID PROJECT				

NOT TO SCALE

Model: Default  
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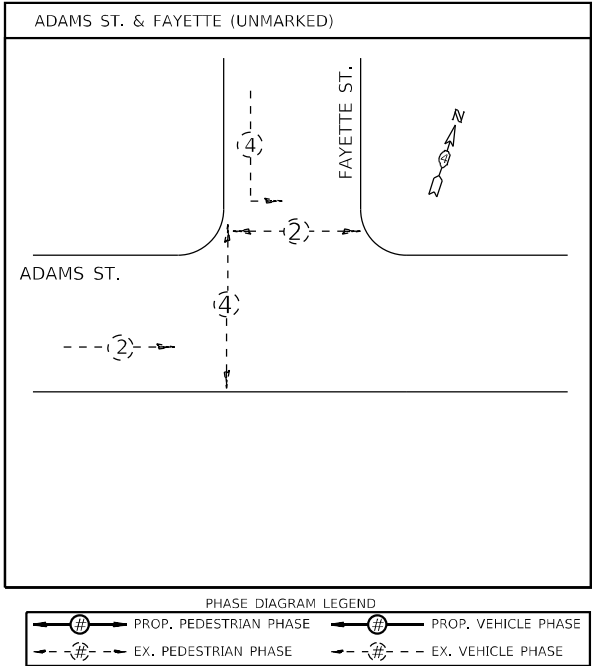


PEORIA TOWNSHIP  
40.693537, -89.587084



BILL OF MATERIALS		
FAYETTE ST. & ADAMS ST.		
ITEM DESCRIPTION	UNIT	QTY.
ACCESSIBLE PEDESTRIAN SIGNALS	EACH	4.0
PEDESTRIAN PUSH-BUTTON POST (NO FOUNDATION)	EACH	1.0
THHN WIRE ENCASED IN PVC TUBE, NO. 19/27 AWG	FOOT	59.0
SAW CUT FOR ELECTRICAL CABLE INSTALLATION, 5/16"	FOOT	4.0
ANCHOR BOLT SET, 1/2 DIAMETER, WITH WEDGE ANCHORS	EACH	1.0

APS SCHEDULE							
FAYETTE ST. & ADAMS ST.							
LABEL	LOCATION	INSTALLATION TYPE	MOUNTING BRACKET	CROSSING	WALK INDICATION	WIRING NOTES	NOTES
P1	NE QUAD	EX. MAST ARM	SINGLE	FAYETTE	tone	RE-USE EXISTING CABLE	
P2	SW QUAD	EX. TS POST	SINGLE	ADAMS	tone	RE-USE EXISTING CABLE	
P3	NW QUAD	EX. LIGHT POLE	SINGLE	ADAMS	tone	RE-USE EXISTING CABLE	
P4	NW QUAD	PROP. PEDESTRIAN PUSH-BUTTON POST (NO FOUNDATION)	SINGLE	FAYETTE	tone	INSTALL NEW CABLE FROM APS TO EX. LIGHT POLE AND SPLICE WITH EX. CABLE IN LIGHT POLE BASE	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

	USER NAME = trevor.hanson	DESIGNED -	REVISED -
	DRAWN -	REVISD -	
	PLOT SCALE = 23,8272' = 1 in.	CHECKED -	REVISED -
	PLOT DATE = 6/29/2023	DATE -	REVISED -

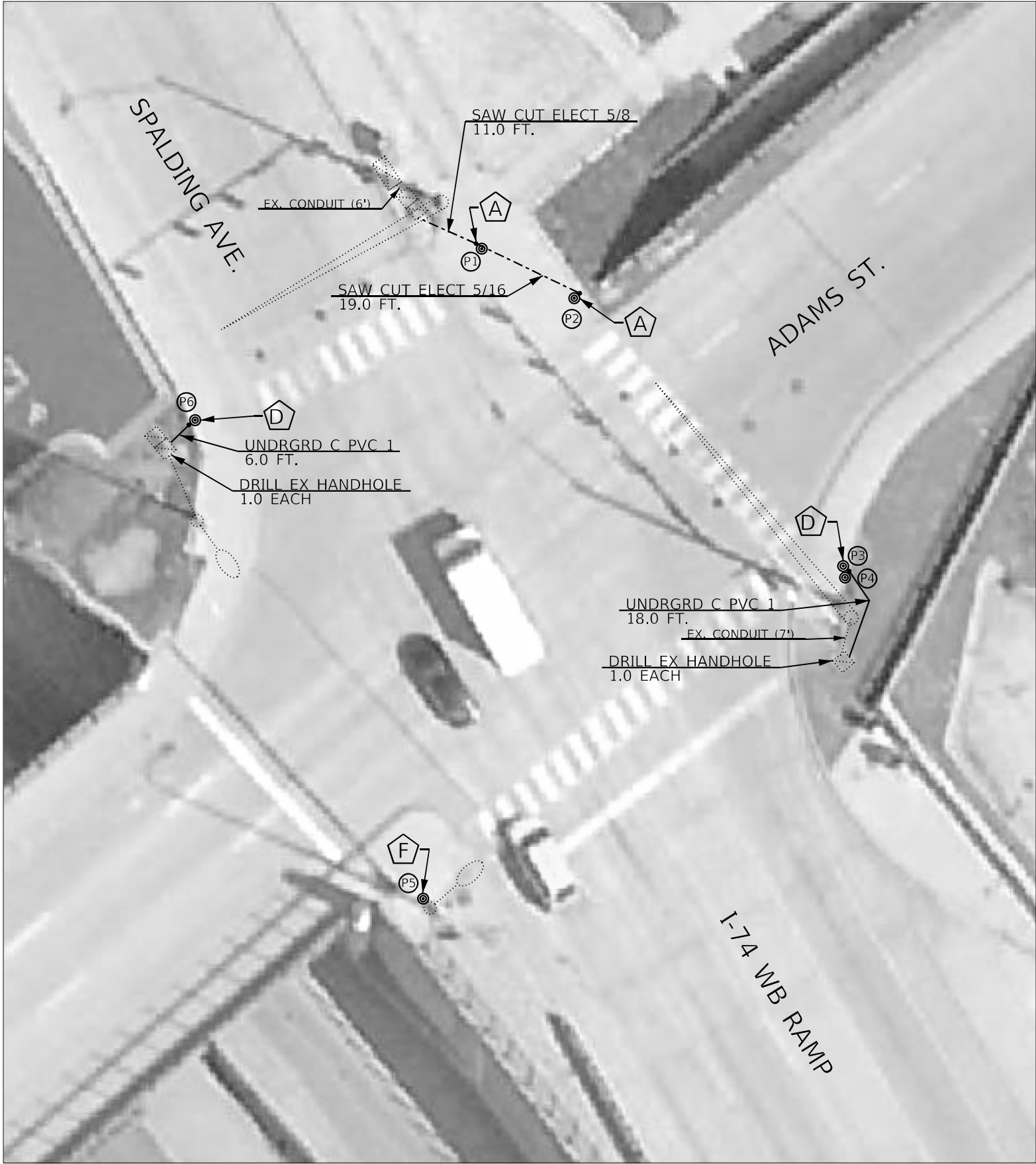
STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

PROPOSED ACCESSIBLE PEDESTRIAN SIGNALS			
ADAMS ST. & FAYETTE ST. - PEORIA			
SCALE:	SHEET	OF	SHEETS
STA.	TO	STA.	TO

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR.	D4 ADA PUSHBUTTONS 2024	PEORIA	80	14
CONTRACT NO. 68H76				
ILLINOIS FED. AID PROJECT				

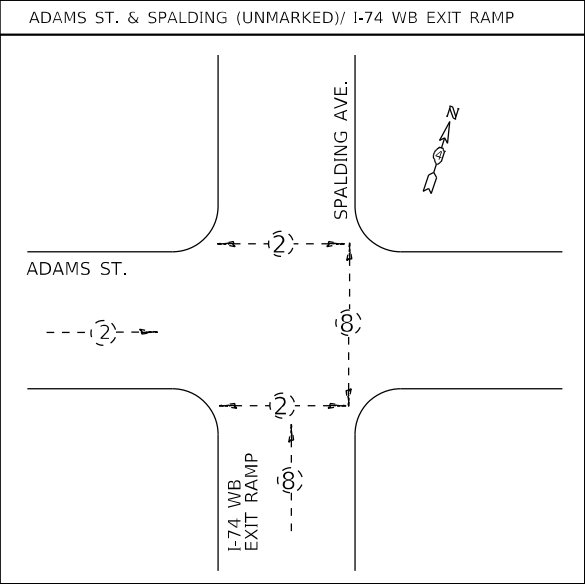
NOT TO SCALE





BILL OF MATERIALS		
I-74 WB RAMP/ SPALDING AVE. & ADAMS ST.		
ITEM DESCRIPTION	UNIT	QTY.
ACCESSIBLE PEDESTRIAN SIGNALS	EACH	6.0
PEDESTRIAN PUSH-BUTTON POST	EACH	2.0
PEDESTRIAN PUSH-BUTTON POST (NO FOUNDATION)	EACH	2.0
THHN WIRE ENCASED IN PVC TUBE, NO. 19/27 AWG	FOOT	194.0
SAW CUT FOR ELECTRICAL CABLE INSTALLATION, 5/16"	FOOT	19.0
SAW CUT FOR ELECTRICAL CABLE INSTALLATION, 5/8"	FOOT	11.0
ANCHOR BOLT SET, 1/2 DIAMETER, WITH WEDGE ANCHORS	EACH	2.0
UNDERGROUND CONDUIT, PVC, 1" DIA.	FOOT	24.0
DRILL EXISTING HANDHOLE	EACH	2.0

APS SCHEDULE							
I-74 WB RAMP/ SPALDING AVE. & ADAMS ST.							
LABEL	LOCAT ON	INSTALLATION TYPE	MOUNTING BRACKET	CROSSING	WALK INDICATION	WIRING NOTES	NOTES
P1	NE QUAD	PROP. PEDESTRIAN PUSH-BUTTON POST (NO FOUNDATION)	SINGLE	SPALDING	tone	INSTALL NEW CABLE FROM APS TO CONTROLLER CABINET	SAW CUT FROM PROP. PUSHBUTTON POST TO EX. DOUBLE HANDHOLE
P2	NE QUAD	PROP. PEDESTRIAN PUSH-BUTTON POST (NO FOUNDATION)	SINGLE	ADAMS	tone	INSTALL NEW CABLE FROM APS TO CONTROLLER CABINET	SAW CUT FROM PROP. PUSHBUTTON POST TO EX. DOUBLE HANDHOLE
P3	SE QUAD	PROP. PEDESTRIAN PUSHBUTTON POST	DUAL	ADAMS	SPEECH	INSTALL NEW CABLE FROM APS TO EX. MAST ARM AND SPLICE WITH EX. CABLE IN MAST ARM BASE	PROP. CONDUIT FROM PROP. PUSHBUTTON POST TO EX. HANDHOLE
P4	SE QUAD	PROP. PEDESTRIAN PUSHBUTTON POST	DUAL	SPALDING	SPEECH	INSTALL NEW CABLE FROM APS TO EX. MAST ARM AND SPLICE WITH EX. CABLE IN MAST ARM BASE	PROP. CONDUIT FROM PROP. PUSHBUTTON POST TO EX. HANDHOLE
P5	SW QUAD	EX. LIGHT POLE	SINGLE	SPALDING	tone	RE-USE EXISTING CABLE	
P6	NW QUAD	PROP. PEDESTRIAN PUSHBUTTON POST	SINGLE	SPALDING	tone	RELOCATE EXISTING CABLE	PROP. CONDUIT FROM PROP. PUSHBUTTON POST TO EX. 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

PEORIA TOWNSHIP
40.694252, -89.586068

USER NAME = trevor.hanson	DESIGNED -	REVISED -
DRAWN -	REVISED -	
PLOT SCALE = 23,8272' = 1 in.	CHECKED -	REVISED -
PLOT DATE = 6/29/2023	DATE -	REVISED -

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

PROPOSED ACCESSIBLE PEDESTRIAN SIGNALS			
ADAMS ST. & I-74 WB RAMP/ SPALDING AVE. - PEORIA			
SCALE:	SHEET	OF SHEETS	STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR.	D4 ADA PUSHBUTTONS 2024	PEORIA	80	15
CONTRACT NO. 68H76				
ILLINOIS FED. AID PROJECT				

NOT TO SCALE

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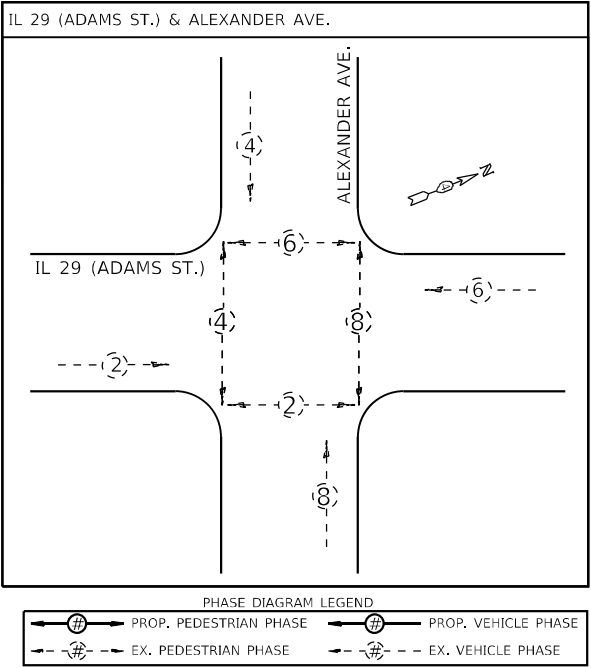


PEORIA TOWNSHIP  
40.714056, -89.561403



BILL OF MATERIALS		
IL 29 (ADAMS ST.) & ALEXANDER AVE.		
ITEM DESCRIPTION	UNIT	QTY.
ACCESSIBLE PEDESTRIAN SIGNALS	EACH	6.0

APS SCHEDULE							
IL 29 (ADAMS ST.) & ALEXANDER AVE.							
LABEL	LOCATION	INSTALLATION TYPE	MOUNTING BRACKET	CROSSING	WALK INDICATION	WIRING NOTES	NOTES
P1	NW QUAD	EX. PEDESTRIAN PUSHBUTTON POST	SINGLE	ALEXANDER	tone	RE-USE EXISTING CABLE	
P2	NE QUAD	EX. TS POST	SINGLE	ALEXANDER	tone	RE-USE EXISTING CABLE	
P3	SE QUAD	EX. PEDESTRIAN PUSHBUTTON POST	DUAL	ALEXANDER	SPEECH	RE-USE EXISTING CABLE	
P4	SE QUAD	EX. PEDESTRIAN PUSHBUTTON POST	DUAL	ADAMS	SPEECH	RE-USE EXISTING CABLE	
P5	SW QUAD	EX. MAST ARM	SINGLE	ADAMS	SPEECH	RE-USE EXISTING CABLE	
P6	SW QUAD	EX. MAST ARM	SINGLE	ALEXANDER	SPEECH	RE-USE EXISTING CABLE	



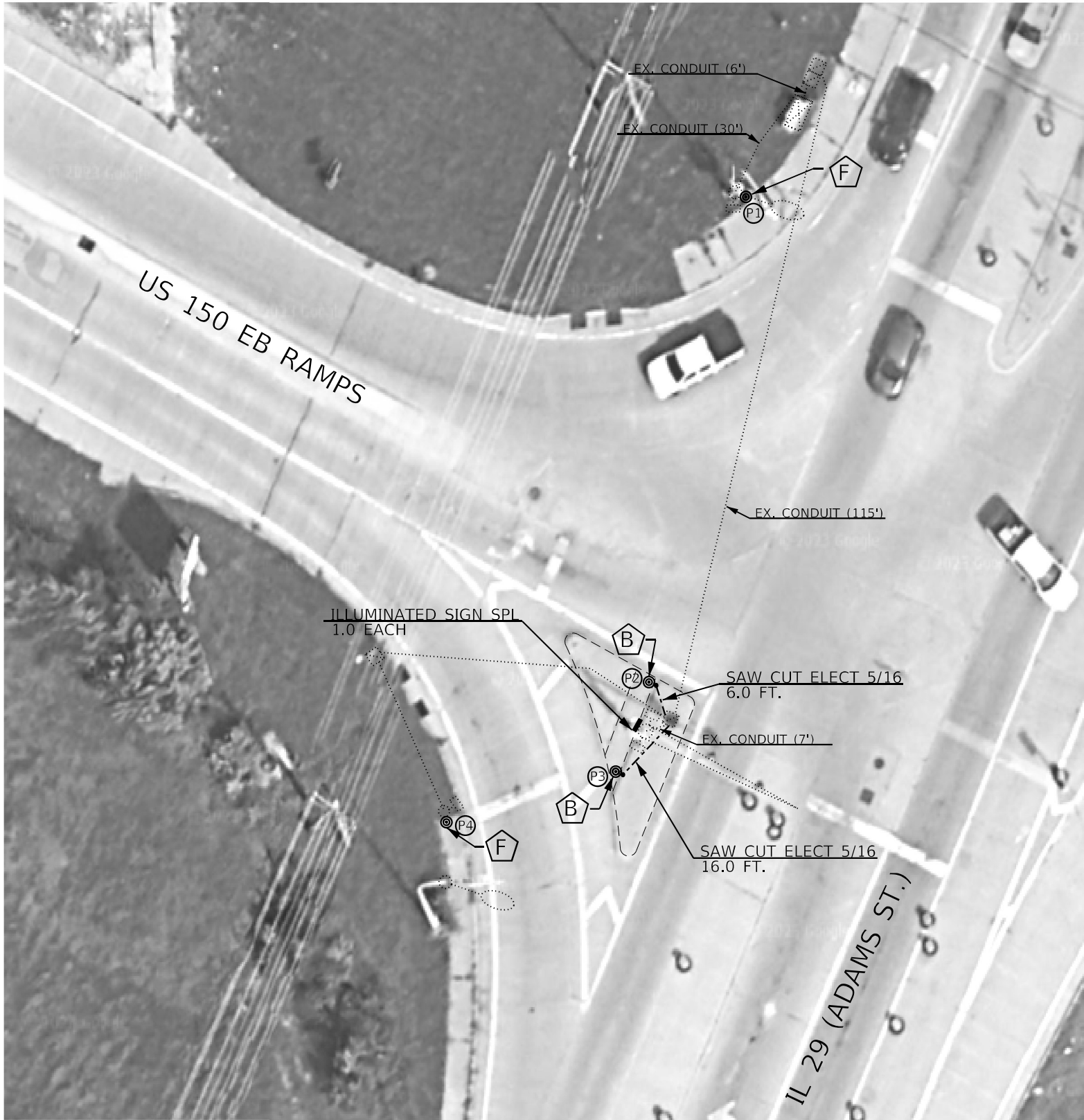
APS LEGEND	
	PROP. APS INSTALLED ON PROP. PEDESTRIAN PUSHBUTTON POST (NO FOUNDATION) ON EX. SIDEWALK, WITH ANCHOR BOLT SET, 1/2 DIAMETER, WITH WEDGE ANCHORS
	PROP. APS INSTALLED ON PROP. PEDESTRIAN PUSHBUTTON POST (NO FOUNDATION) ON EX. ISLAND SURFACE, WITH ANCHOR BOLT SET 1/2 DIAMETER, WITH WEDGE ANCHORS
	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 29 (ADAMS ST.) & ALEXANDER AVE. - PEORIA	SCALE:	SHEET	OF	SHEETS	STA.	TO STA.	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	PLOT SCALE = 23,8272' = 1" / in.	DRAWN -	REVISED -									VAR.	D4 ADA PUSHBUTTONS 2024	PEORIA	80	16
	PLOT DATE = 6/29/2023	CHECKED -	REVISED -									CONTRACT NO. 68H76				
		DATE -	REVISED -									ILLINOIS FED. AID PROJECT				

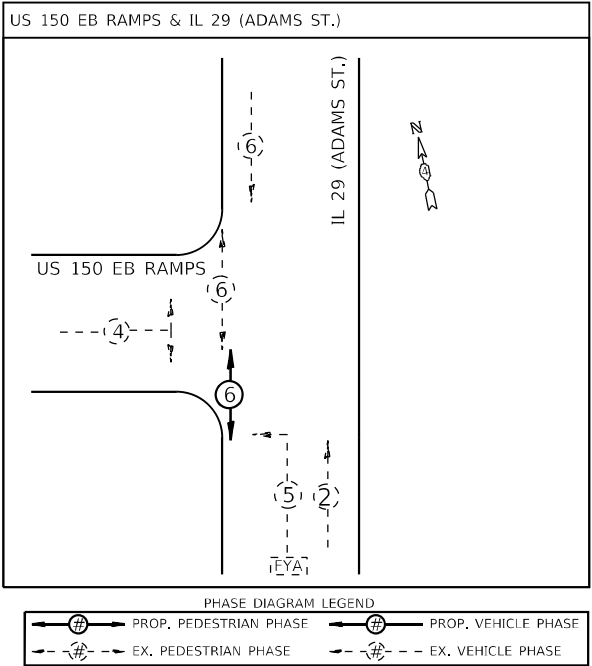






BILL OF MATERIALS		
US 150 EB RAMPS & IL 29 (ADAMS)		
ITEM DESCRIPTION	UNIT	QTY.
ACCESSIBLE PEDESTRIAN SIGNALS	EACH	4.0
PEDESTRIAN PUSH-BUTTON POST (NO FOUNDATION)	EACH	2.0
THHN WIRE ENCASED IN PVC TUBE, NO. 19/27 AWG	FOOT	134.0
SAW CUT FOR ELECTRICAL CABLE INSTALLATION, 5/16"	FOOT	22.0
ANCHOR BOLT SET, 1/2 DIAMETER, WITH WEDGE ANCHORS	EACH	2.0
ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 3C	FOOT	171.5
ILLUMINATED SIGN (SPECIAL)	EACH	1.0
APS EXTENSION BRACKET	EACH	1.0

APS SCHEDULE							
US 150 EB RAMPS & IL 29 (ADAMS)							
LABEL	LOCATION	INSTALLATION TYPE	MOUNTING BRACKET	CROSSING	WALK INDICATION	WIRING NOTES	NOTES
P1	NW QUAD	EX. LIGHT POLE	SINGLE*	US 150	tone	RE-USE EXISTING WIRE	
P2	EB RT ISLAND	PROP. PEDESTRIAN PUSH-BUTTON POST (NO FOUNDATION)	SINGLE	US 150	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	EB RT ISLAND	PROP. PEDESTRIAN PUSH-BUTTON POST (NO FOUNDATION)	SINGLE	US 150 RIGHT TURN LANE	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	SW QUAD	EX. TS POST	SINGLE	US 150 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

NOTE:  
1. 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.

PEORIA TOWNSHIP  
40.724716, -89.554170

USER NAME = trevor.hanson	DESIGNED -	REVISED - 08-07-23 TJH
	DRAWN -	REVISED -
PLOT SCALE = 23,8272' = 1 in.	CHECKED -	REVISED -
PLOT DATE = 8/7/2023	DATE -	REVISED -

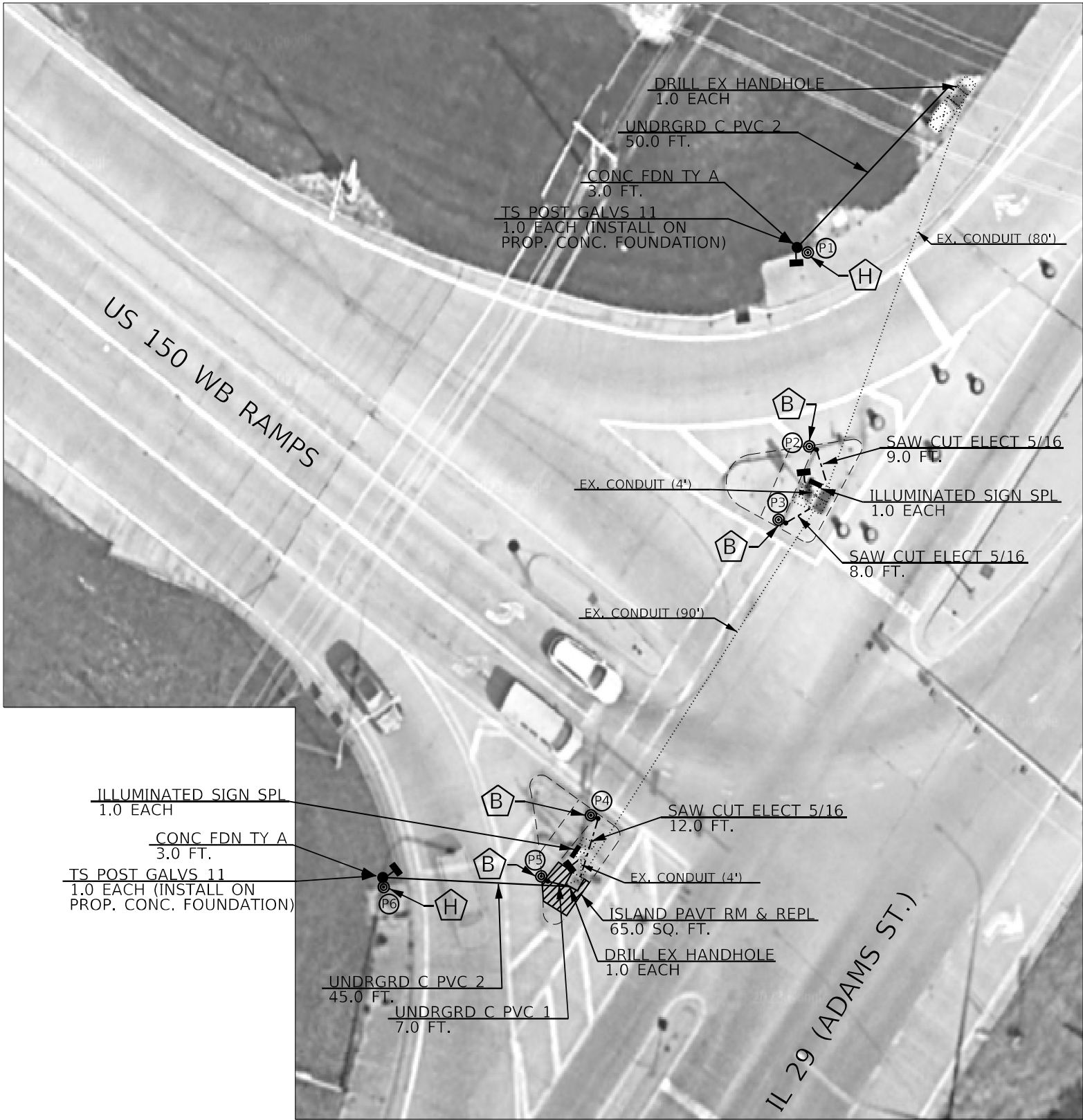
STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

PROPOSED ACCESSIBLE PEDESTRIAN SIGNALS US 150 EB RAMPS & IL 29 (ADAMS ST.) - PEORIA			
SCALE:	SHEET	OF SHEETS	STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR.	D4 ADA PUSHBUTTONS 2024	PEORIA	80	18
CONTRACT NO. 68H76				
ILLINOIS FED. AID PROJECT				



MODEL: Default  
FILE NAME: S:\ENR\WORK\DD\ESP\AN\Hanson.dwg  
PROJECT: PEORIA TOWNSHIP - PEORIA  
DRAWN: TREVOR HANSON  
CHECKED: TREVOR HANSON  
DATE: 6/29/2023



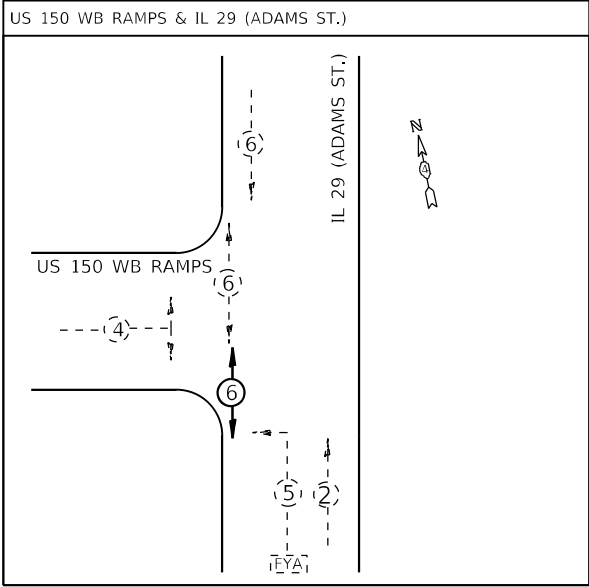
NOTE:  
1. THE CONTRACTOR SHALL INSTALL THE 3/C WIRE FOR THE ILLUMINATED SIGN (SPECIAL) ON A LOAD SWITCH IN THE CONTROLLER CABINET AS DIRECTED BY THE IDOT TRAFFIC ENGINEER.

PEORIA TOWNSHIP  
40.724716, -89.554170



BILL OF MATERIALS		
US 150 WB RAMPS & IL 29 (ADAMS)		
ITEM DESCRIPTION	UNIT	QTY.
ACCESSIBLE PEDESTRIAN SIGNALS	EACH	6.0
PEDESTRIAN PUSH-BUTTON POST (NO FOUNDATION)	EACH	4.0
THHN WIRE ENCASED IN PVC TUBE, NO. 19/27 AWG	FOOT	201.0
SAW CUT FOR ELECTRICAL CABLE INSTALLATION, 5/16"	FOOT	29.0
ANCHOR BOLT SET, 1/2 DIAMETER, WITH WEDGE ANCHORS	EACH	4.0
PEDESTRIAN SIGNAL HEAD, POLYCARBONATE, LED, 1-FACE, BRACKET MOUNTED WITH COUNT DOWN TIMER	EACH	4.0
UNDERGROUND CONDUIT, PVC, 1" DIA.	FOOT	7.0
UNDERGROUND CONDUIT, PVC, 2" DIA.	FOOT	95.0
DRILL EXISTING HANDHOLE	EACH	2.0
TRAFFIC SIGNAL POST, GALVANIZED STEEL 11 FT.	EACH	2.0
CONCRETE FOUNDATION, TYPE A	FOOT	6.0
ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 3C	FOOT	903.5
ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 5C	FOOT	576.0
ELECTRIC CABLE IN CONDUIT, EQUIPMENT GROUNDING CONDUCTOR, NO. 6 1C	FOOT	126.5
ILLUMINATED SIGN (SPECIAL)	EACH	2.0
ISLAND PAVEMENT REMOVAL AND REPLACEMENT	SQ FT	65.0

APS SCHEDULE							
US 150 WB RAMPS & IL 29 (ADAMS)							
LABEL	LOCATION	INSTALLATION TYPE	MOUNTING BRACKET	CROSSING	WALK INDICATION	WIRING NOTES	NOTES
P1	NE QUAD	PROP. TS POST	SINGLE	ADAMS RIGHT TURN LANE	TONE	INSTALL NEW WIRE FROM APS TO CONTROLLER	PROP. CONDUIT FROM PROP. TS POST TO EX. DOUBLE HANDHOLE
P2	NE QUAD	PROP. PEDESTRIAN PUSH-BUTTON POST (NO FOUNDATION)	SINGLE	ADAMS RIGHT TURN LANE	TONE	INSTALL NEW WIRE FROM APS TO CONTROLLER	PROP. SAW CUT FROM PROP. PUSHBUTTON POST TO EX. DOUBLE HANDHOLE
P3	SE QUAD	PROP. PEDESTRIAN PUSH-BUTTON POST (NO FOUNDATION)	SINGLE	US 150	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. DOUBLE HANDHOLE
P4	SE QUAD	PROP. PEDESTRIAN PUSH-BUTTON POST (NO FOUNDATION)	SINGLE	US 150	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	US 150 RIGHT TURN LANE	TONE	INSTALL NEW WIRE FROM APS TO CONTROLLER	PROP. CONDUIT FROM PROP. PUSHBUTTON POST TO EX. HANDHOLE
P6	SW QUAD	PROP. TS POST	SINGLE	US 150 RIGHT TURN LANE	TONE	INSTALL NEW WIRE FROM APS TO CONTROLLER	PROP. CONDUIT FROM PROP. PUSHBUTTON POST TO PROP. 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

	USER NAME = trevor.hanson	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PROPOSED ACCESSIBLE PEDESTRIAN SIGNALS US 150 WB RAMPS & IL 29 (ADAMS ST.) - PEORIA				F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		DRAWN -	REVISED -						VAR.	D4 ADA PUSHBUTTONS 2024	PEORIA	80	19
	PLOT SCALE = 23,8272 ' / in.	CHECKED -	REVISED -		CONTRACT NO. 68H76								
	PLOT DATE = 6/29/2023	DATE -	REVISED -										
						SCALE:	SHEET	OF	SHEETS	STA.	TO STA.	ILLINOIS FED. AID PROJECT	

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AP5168176 (Peoria APS) (Final 06-29-23).dgn



PEORIA TOWNSHIP  
40.724716, -89.554170

USER NAME = trevor.hanson	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 23,8272' = 1 in.	CHECKED -	REVISED -
PLOT DATE = 6/29/2023	DATE -	REVISED -

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

PROPOSED ACCESSIBLE PEDESTRIAN SIGNALS  
IL 29 (ADAMS ST./ GALENA RD.) & LORENTZ AVE. - PEORIA

SCALE: SHEET OF SHEETS STA. TO STA.

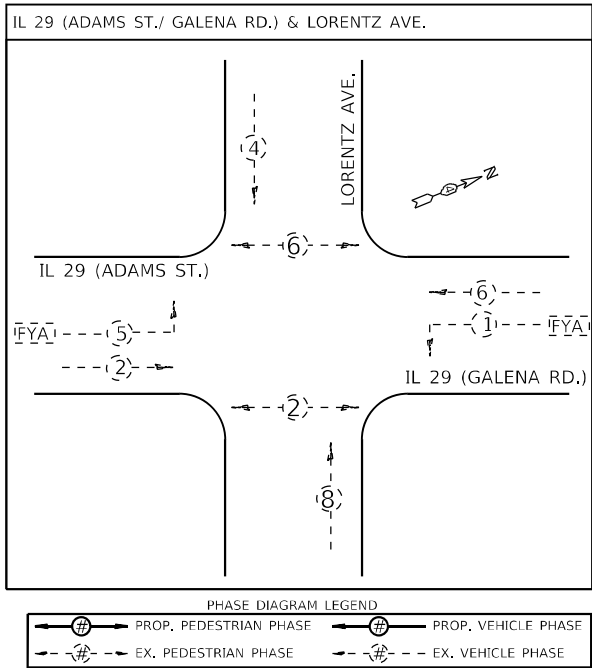
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR.	D4 ADA PUSHBUTTONS 2024	PEORIA	80	20
CONTRACT NO. 68H76				
ILLINOIS FED. AID PROJECT				



BILL OF MATERIALS		
IL 29 (ADAMS ST./ GALENA RD.) & LORENTZ AVE.		
ITEM DESCRIPTION	UNIT	QTY.
ACCESSIBLE PEDESTRIAN SIGNALS	EACH	2.0
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	34.0
DRILL EXISTING HANDHOLE	EACH	2.0

NOTE:  
1. THE CONTRACTOR SHALL DRILL THE EXISITNG CURB TO ACCOMODATE THE INSTALLATION OF THE PROPOSED CONDUIT AND PROPOSED PEDESTRIAN PUSH-BUTTON POST (NO FOUNDATION). THE COST OF THIS WORK WILL NOT BE PAID FOR SEPARATELY, BUT SHALL BE INCLUDED IN THE COST OF THE PROPOSED PEDESTRIAN PUSH-BUTTON POST (NO FOUNDATION).

APS SCHEDULE							
IL 29 (ADAMS ST./ GALENA RD.) & LORENTZ AVE.							
LABEL	LOCATION	INSTALLATION TYPE	MOUNTING BRACKET	CROSSING	WALK INDICATION	WIRING NOTES	NOTES
P1	NW QUAD	PROP. PEDESTRIAN PUSH-BUTTON POST (NO FOUNDATION)	SINGLE	LORENTZ	TONE	RE-USE EXISTING CABLE	PROP. CONDUIT FROM PROP. PUSHBUTTON POST TO EX. MAST ARM
P2	SW QUAD	PROP. PEDESTRIAN PUSH-BUTTON POST (NO FOUNDATION)	SINGLE	LORENTZ	TONE	RE-USE EXISTING CABLE	PROP. CONDUIT FROM PROP. PUSHBUTTON POST TO EX. DOUBLE HANDHOLE



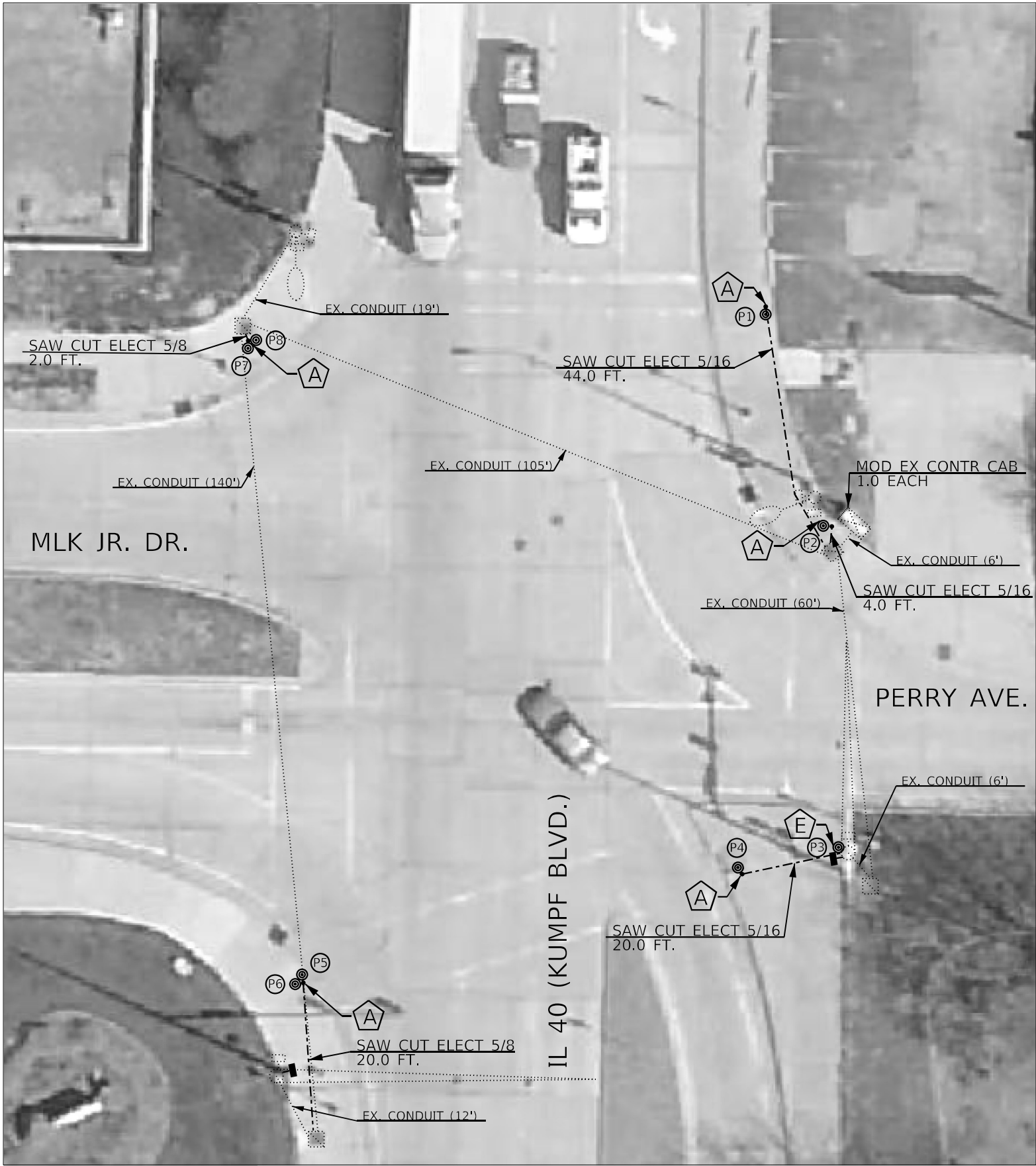
APS LEGEND

- 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

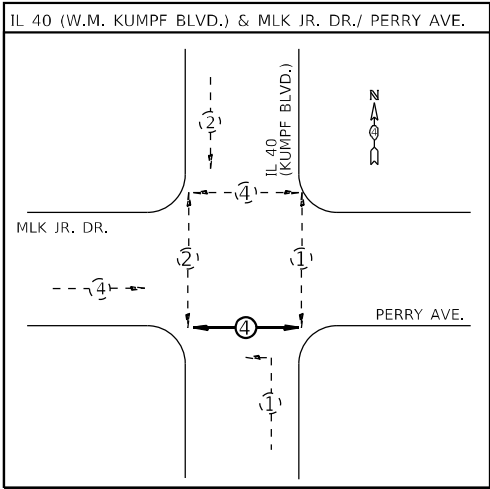






BILL OF MATERIALS		
IL 40 (KUMPF BLVD.) & MLK JR. DR./ PERRY AVE.		
ITEM DESCRIPTION	UNIT	QTY.
ACCESSIBLE PEDESTRIAN SIGNALS	EACH	8.0
PEDESTRIAN PUSH-BUTTON POST (NO FOUNDATION)	EACH	5.0
ANCHOR BOLT SET, 1/2 DIAMETER, WITH WEDGE ANCHORS	EACH	5.0
THHN WIRE ENCASED IN PVC TUBE, NO. 19/27 AWG	FOOT	576.0
SAW CUT FOR ELECTRICAL CABLE INSTALLATION, 5/16"	FOOT	68.0
SAW CUT FOR ELECTRICAL CABLE INSTALLATION, 5/8"	FOOT	22.0
ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 3C	FOOT	94.0
ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 5C	FOOT	1052.0
PEDESTRIAN SIGNAL HEAD, POLYCARBONATE, LED, 1-FACE, BRACKET MOUNTED WITH COUNT DOWN TIMER	EACH	2.0
MODIFY EXISTING CONTROLLER CABINET	EACH	1.0

APSSCHEDULE							
IL 40 (KUMPF BLVD.) & MLK JR. DR./ PERRY AVE.							
LABEL	LOCATION	INSTALLATION TYPE	MOUNTING BRACKET	CROSSING	WALK INDICATION	WIRING NOTES	NOTES
P1	NE QUAD	PROP. PEDESTRIAN PUSH-BUTTON POST (NO FOUNDATION)	SINGLE	KUMPF	TONE	INSTALL NEW WIRE FROM APS TO CONTROLLER	SAW CUT FROM PROP. PUSHBUTTON POST TO EX. HANDHOLE
P2	NE QUAD	PROP. PEDESTRIAN PUSH-BUTTON POST (NO FOUNDATION)	SINGLE	PERRY	TONE	INSTALL NEW WIRE FROM APS TO CONTROLLER	SAW CUT FROM PROP. PUSHBUTTON POST TO EX. HANDHOLE
P3	SE QUAD	EX. MAST ARM	SINGLE	PERRY	TONE	RE-USE EXISTING WIRE	
P4	SE QUAD	PROP. PEDESTRIAN PUSH-BUTTON POST (NO FOUNDATION)	SINGLE	KUMPF	TONE	INSTALL NEW WIRE FROM APS TO CONTROLLER	SAW CUT FROM PROP. PUSHBUTTON POST TO EX. MAST ARM
P5	SW QUAD	PROP. PEDESTRIAN PUSH-BUTTON POST (NO FOUNDATION)	DUAL	KUMPF	SPEECH	INSTALL NEW WIRE FROM APS TO CONTROLLER	SAW CUT FROM PROP. PUSHBUTTON POST TO EX. HANDHOLE
P6	SW QUAD	PROP. PEDESTRIAN PUSH-BUTTON POST (NO FOUNDATION)	DUAL	MLK JR	SPEECH		
P7	NW QUAD	PROP. PEDESTRIAN PUSH-BUTTON POST (NO FOUNDATION)	DUAL	MLK JR	SPEECH	INSTALL NEW WIRE FROM APS TO EX. LIGHT POLE AND SPLICE WITH EX. WIRE IN LIGHT POLE BASE	SAW CUT FROM PROP. PUSHBUTTON POST TO EX. HANDHOLE
P8	NW QUAD		DUAL	KUMPF	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

PEORIA TOWNSHIP  
40.695441, -89.595484

USER NAME = trevor.hanson	DESIGNED -	REVISED -
DRAWN -	REVISED -	
PLOT SCALE = 23,8272' / in.	CHECKED -	REVISED -
PLOT DATE = 6/29/2023	DATE -	REVISED -

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

PROPOSED ACCESSIBLE PEDESTRIAN SIGNALS  
IL 40 (KUMPF BLVD.) & MLK JR. DR./ PERRY AVE. - PEORIA

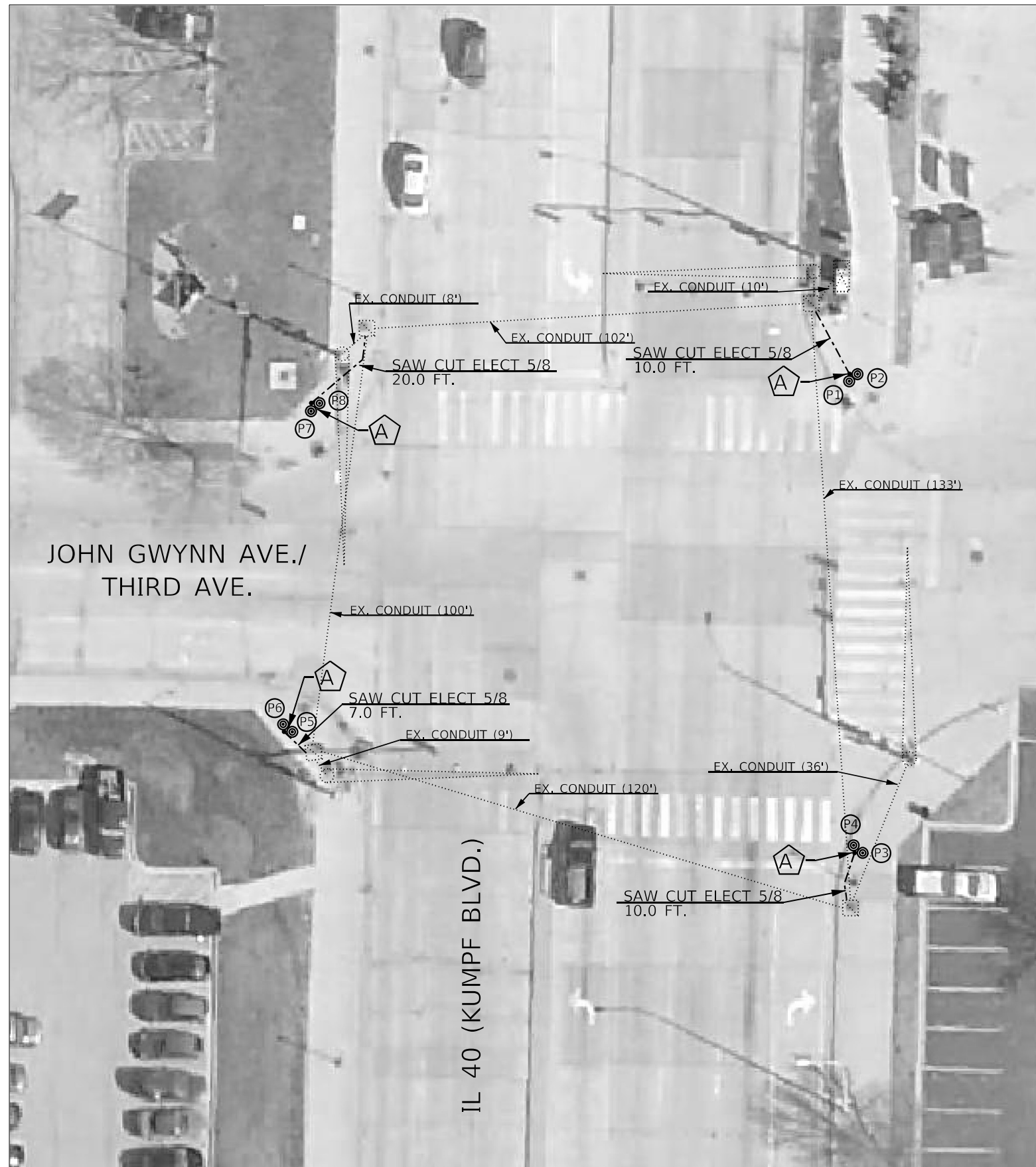
SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR.	D4 ADA PUSHBUTTONS 2024	PEORIA	80	22
CONTRACT NO. 68H76				
ILLINOIS FED. AID PROJECT				

NOT TO SCALE

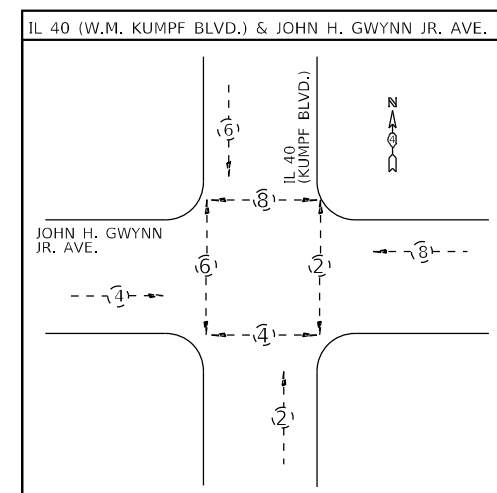














BILL OF MATERIALS		
IL 40 (KUMPF BLVD.) & JOHN H. GWYNN JR. AVE./ THIRD AVE.		
ITEM DESCRIPTION	UNIT	QTY.
ACCESSIBLE PEDESTRIAN SIGNALS	EACH	8.0
PEDESTRIAN PUSH-BUTTON POST (NO FOUNDATION)	EACH	4.0
ANCHOR BOLT SET, 1/2 DIAMETER, WITH WEDGE ANCHORS	EACH	4.0
THHN WIRE ENCASED IN PVC TUBE, NO. 19/27 AWG	FOOT	688.0
SAW CUT FOR ELECTRICAL CABLE INSTALLATION, 5/8"	FOOT	47.0
ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 5C	FOOT	601.5

APS SCHEDULE							
IL 40 (KUMPF BLVD.) & JOHN H. GWYNN JR. AVE./ THIRD AVE.							
LABEL	LOCATION	INSTALLATION TYPE	MOUNTING BRACKET	CROSSING	WALK INDICATION	WIRING NOTES	NOTES
P1	NE QUAD	PROP. PEDESTRIAN PUSH-BUTTON POST (NO FOUNDATION)	DUAL	KUMPF	SPEECH	INSTALL NEW WIRE FROM APS TO CONTROLLER	PROP. SAW CUT FROM PROP. PUSHBUTTON POST TO EX. HANDHOLE
P2	NE QUAD		DUAL	JOHN H GWYNN JR.	SPEECH		
P3	SE QUAD	PROP. PEDESTRIAN PUSH-BUTTON POST (NO FOUNDATION)	DUAL	JOHN H GWYNN JR.	SPEECH	INSTALL NEW WIRE FROM APS TO CONTROLLER	PROP. SAW CUT FROM PROP. PUSHBUTTON POST TO EX. HANDHOLE
P4	SE QUAD		DUAL	KUMPF	SPEECH		
P5	SW QUAD	PROP. PEDESTRIAN PUSH-BUTTON POST (NO FOUNDATION)	DUAL	KUMPF	SPEECH	INSTALL NEW WIRE FROM APS TO CONTROLLER	PROP. SAW CUT FROM PROP. PUSHBUTTON POST TO EX. HANDHOLE
P6	SW QUAD		DUAL	JOHN H GWYNN JR.	SPEECH		
P7	NW QUAD	PROP. PEDESTRIAN PUSH-BUTTON POST (NO FOUNDATION)	DUAL	JOHN H GWYNN JR.	SPEECH	INSTALL NEW WIRE FROM APS TO CONTROLLER	PROP. SAW CUT FROM PROP. PUSHBUTTON POST TO EX. HANDHOLE
P8	NW QUAD		DUAL	KUMPF	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

PEORIA TOWNSHIP
40.691409, -89.595510

USER NAME = trevor.hanson	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 23,822' / in.	CHECKED -	REVISED -
PLOT DATE = 6/29/2023	DATE -	REVISED -

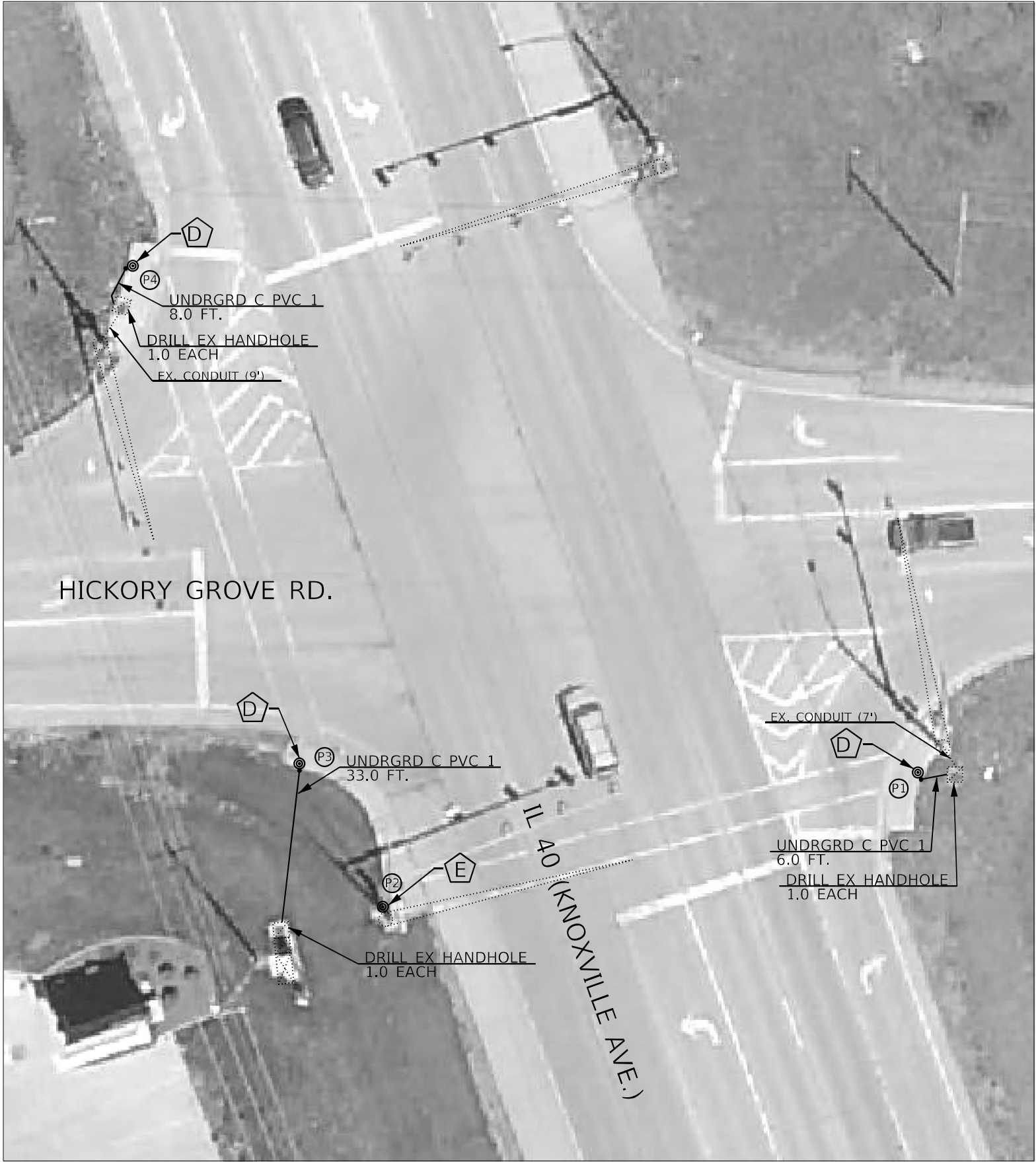
**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

PROPOSED ACCESSIBLE PEDESTRIAN SIGNALS IL 40 (KUMPF BLVD.) & JOHN GWYNN/ THIRD AVE. - PEORIA				
SCALE:	SHEET	OF	SHEETS	STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR.	D4 ADA PUSHBUTTONS 2024	PEORIA	80	24
		CONTRACT NO. 68H76		
		ILLINOIS	FED. AID PROJECT	

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MODEL: Default  
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PROJECT: PEORIA TOWNSHIP  
SHEET: 80 OF 80  
DATE: 6/29/2023

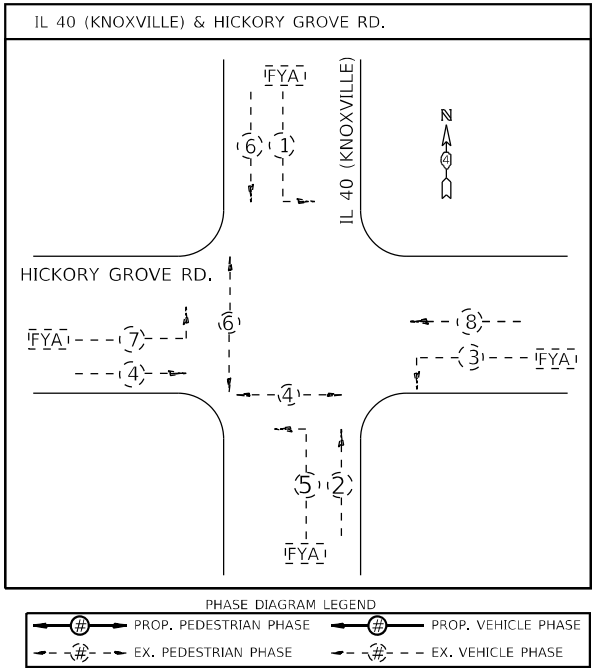


PEORIA TOWNSHIP  
40.827564, -89.615109



BILL OF MATERIALS		
IL 40 (KNOXVILLE AVE.) & HICKORY GROVE RD.		
ITEM DESCRIPTION	UNIT	QTY.
ACCESSIBLE PEDESTRIAN SIGNALS	EACH	4.0
PEDESTRIAN PUSH-BUTTON POST	EACH	3.0
DRILL EXISTING HANDHOLE	EACH	3.0
UNDERGROUND CONDUIT, PVC, 1" DIA.	FOOT	47.0
ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 3C	FOOT	55.0

APS SCHEDULE							
IL 40 (KNOXVILLE AVE.) & HICKORY GROVE RD.							
LABEL	LOCATION	INSTALLATION TYPE	MOUNTING BRACKET	CROSSING	WALK INDICATION	WIRING NOTES	NOTES
P1	SE QUAD	PROP. PEDESTRIAN PUSHBUTTON POST	SINGLE	KNOXVILLE	TONE	RE-USE EXISTING WIRE (INSTALL IN PROP. CONDUIT)	PROP. CONDUIT FROM PROP. PUSHBUTTON POST TO EX. HANDHOLE
P2	SW QUAD	EX. MAST ARM	SINGLE	KNOXVILLE	TONE	RE-USE EXISTING WIRE	
P3	SW QUAD	PROP. PEDESTRIAN PUSHBUTTON POST	SINGLE	HICKORY GROVE	TONE	INSTALL NEW WIRE FROM APS TO CONTROLLER	PROP. CONDUIT FROM PROP. PUSHBUTTON POST TO EX. DOUBLE HANDHOLE
P4	NW QUAD	PROP. PEDESTRIAN PUSHBUTTON POST	SINGLE	HICKORY GROVE	TONE	RE-USE EXISTING WIRE (INSTALL IN PROP. CONDUIT)	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

USER NAME = trevor.hanson	DESIGNED -	REVISED -
PLOT SCALE = 23,8272' * / in.	DRAWN -	REVISED -
PLOT DATE = 6/29/2023	CHECKED -	REVISED -
	DATE -	REVISED -

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

PROPOSED ACCESSIBLE PEDESTRIAN SIGNALS IL 40 (KNOXVILLE AVE.) & HICKORY GROVE RD. - PEORIA			
SCALE:	SHEET	OF SHEETS	STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR.	D4 ADA PUSHBUTTONS 2024	PEORIA	80	25
CONTRACT NO. 68H76				
ILLINOIS FED. AID PROJECT				







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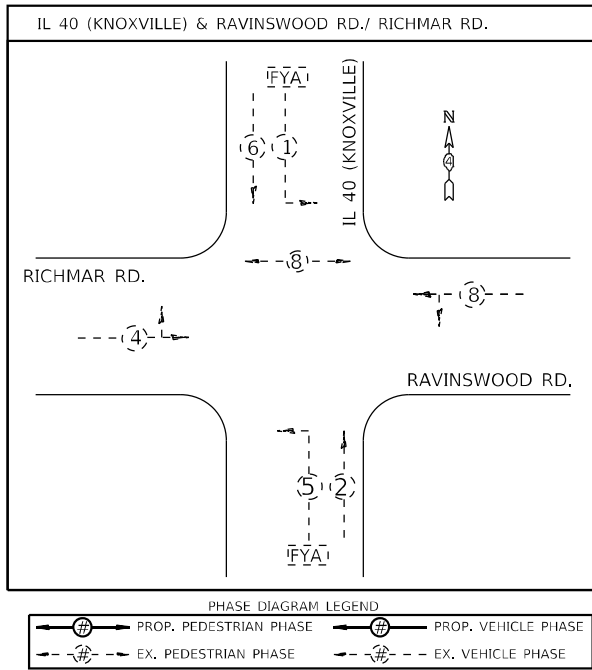


PEORIA TOWNSHIP  
40.809654, -89.613101



BILL OF MATERIALS		
IL 40 (KNOXVILLE) & RAVINSWOOD RD./ RICHMAR RD.		
ITEM DESCRIPTION	UNIT	QTY.
ACCESSIBLE PEDESTRIAN SIGNALS	EACH	2.0

APS SCHEDULE							
IL 40 (KNOXVILLE) & RAVINSWOOD RD./ RICHMAR RD.							
LABEL	LOCATION	INSTALLATION TYPE	MOUNTING BRACKET	CROSSING	WALK INDICATION	WIRING NOTES	NOTES
P1	NE QUAD	EX. MAST ARM	SINGLE	KNOXVILLE	STONE	RE-USE EXISTING WIRE	
P2	NW QUAD	EX. MAST ARM	SINGLE	KNOXVILLE	STONE	RE-USE EXISTING WIRE	

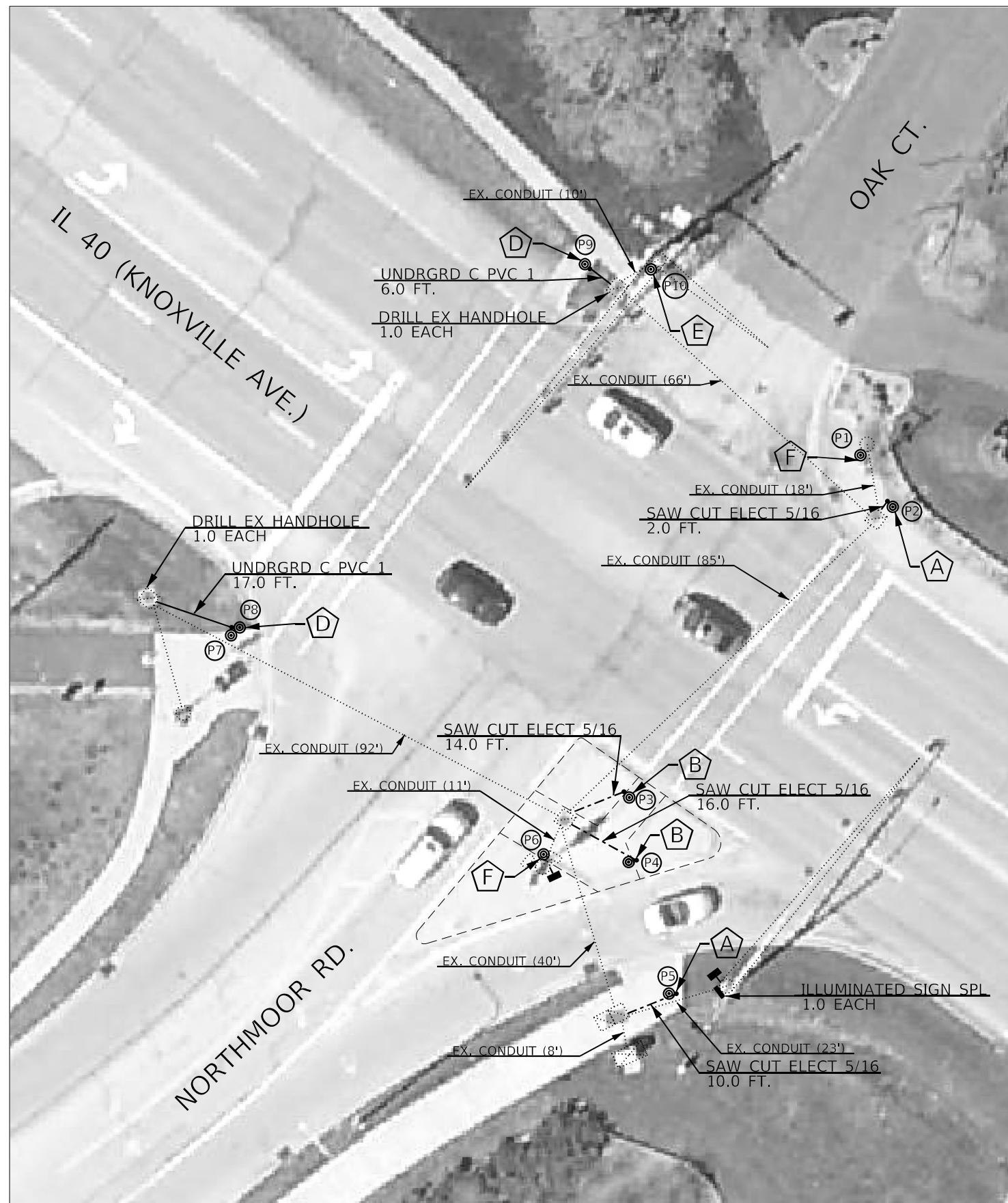


APS LEGEND	
	PROP. APS INSTALLED ON PROP. PEDESTRIAN PUSHBUTTON POST (NO FOUNDATION) ON EX. SIDEWALK, WITH ANCHOR BOLT SET, 1/2 DIAMETER, WITH WEDGE ANCHORS
	PROP. APS INSTALLED ON PROP. PEDESTRIAN PUSHBUTTON POST (NO FOUNDATION) ON EX. ISLAND SURFACE, WITH ANCHOR BOLT SET, 1/2 DIAMETER, WITH WEDGE ANCHORS
	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

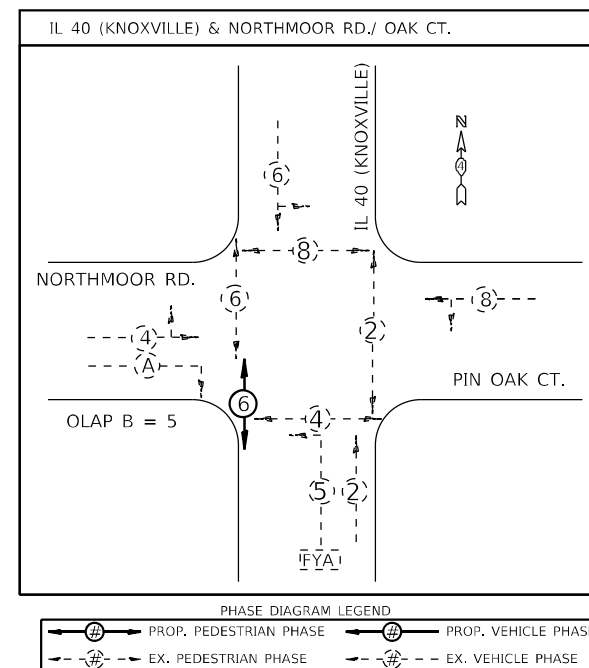
	USER NAME = trevor.hanson	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PROPOSED ACCESSIBLE PEDESTRIAN SIGNALS IL 40 (KNOXVILLE AVE.) & RICHMAR/ RAVINSWOOD - PEORIA				F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	DRAWN -	CHECKED -	REVISED -						VAR.	D4 ADA PUSHBUTTONS 2024	PEORIA	80	27
	PLOT SCALE = 23,8272' = 1" / in.	DATE -	REVISED -		CONTRACT NO. 68H76								
	PLOT DATE = 6/29/2023	DATE -	REVISED -		ILLINOIS FED. AID PROJECT								
	SCALE:		SHEET OF SHEETS							STA. TO STA.			













BILL OF MATERIALS		
IL 40 (KNOXVILLE) & NORTHMOOR RD./ OAK CT.		
ITEM DESCRIPTION	UNIT	QTY.
ACCESSIBLE PEDESTRIAN SIGNALS	EACH	10.0
PEDESTRIAN PUSH-BUTTON POST	EACH	2.0
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	371.0
SAW CUT FOR ELECTRICAL CABLE INSTALLATION, 5/16"	FOOT	42.0
DRILL EXISTING HANDHOLE	EACH	2.0
UNDERGROUND CONDUIT, PVC, 1" DIA.	FOOT	23.0
ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 3C	FOOT	90.5
ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 5C	FOOT	100.5
PEDESTRIAN SIGNAL HEAD, POLYCARBONATE, LED, 1-FACE, BRACKET MOUNTED WITH COUNT DOWN TIMER	EACH	2.0
ILLUMINATED SIGN (SPECIAL)	EACH	1.0

APS SCHEDULE							
IL 40 (KNOXVILLE) & NORTHMOOR RD./ OAK CT.							
LABEL	LOCATION	INSTALLATION TYPE	MOUNTING BRACKET	CROSSING	WALK INDICATION	WIRING NOTES	NOTES
P1	NE QUAD	EX. TS POST	SINGLE	OAK	TONE	RE-USE EXISTING WIRE	
P2	NE QUAD	PRCP. PEDESTRIAN PUSH-BUTTON POST (NO FOUNDATION)	SINGLE	KNOXVILLE	TONE	INSTALL NEW WIRE FROM APS TO EX. TS POST AND STPLICE WITH EX. WIRE IN TS POST BASE	PROP. CONDUIT FROM PRCP. PUSHBUTTON POST TO EX. HANDHOLE
P3	NB RT ISLAND	PRCP. PEDESTRIAN PUSH-BUTTON POST (NO FOUNDATION)	SINGLE	KNOXVILLE	TONE	INSTALL NEW WIRE FROM APS TO EX. TS POST AND STPLICE WITH EX. WIRE IN TS POST BASE	PROP. CONDUIT FROM PRCP. PUSHBUTTON POST TO EX. HANDHOLE
P4	NB RT ISLAND	PRCP. PEDESTRIAN PUSH-BUTTON POST (NO FOUNDATION)	SINGLE	NORTHMOOR RIGHT TURN LANE	TONE	INSTALL NEW WIRE FROM APS TO CONTROLLER	PROP. CONDUIT FROM PRCP. PUSHBUTTON POST TO EX. HANDHOLE
P5	SE QUAD	PRCP. PEDESTRIAN PUSH-BUTTON POST (NO FOUNDATION)	SINGLE	NORTHMOOR RIGHT TURN LANE	TONE	INSTALL NEW WIRE FROM APS TO CONTROLLER	PROP. CONDUIT FROM PRCP. PUSHBUTTON POST TO EX. DOUBLE HANDHOLE
P6	NB RT ISLAND	EX. TS POST	SINGLE	NORTHMOOR	TONE	RE-USE EXISTING WIRE	
P7	SW QUAD	PROP. PEDESTRIAN	DUAL	NORTHMOOR	SPEECH	RE-USE EXISTING WIRE (INSTALL IN PROP. CONDUIT)	PROP. CONDUIT FROM PRCP. PUSHBUTTON POST TO EX. HANDHOLE
P8	SW QUAD	PUSHBUTTON POST	DUAL	KNOXVILLE	SPEECH		
P9	NW QUAD	PROP. PEDESTRIAN PUSHBUTTON POST	SINGLE	KNOXVILLE	TONE	RE-USE EXISTING WIRE (INSTALL IN PROP. CONDUIT)	PROP. CONDUIT FROM PRCP. PUSHBUTTON POST TO EX. HANDHOLE
P10	NW QUAD	EX. MAST ARM	SINGLE	OAK	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

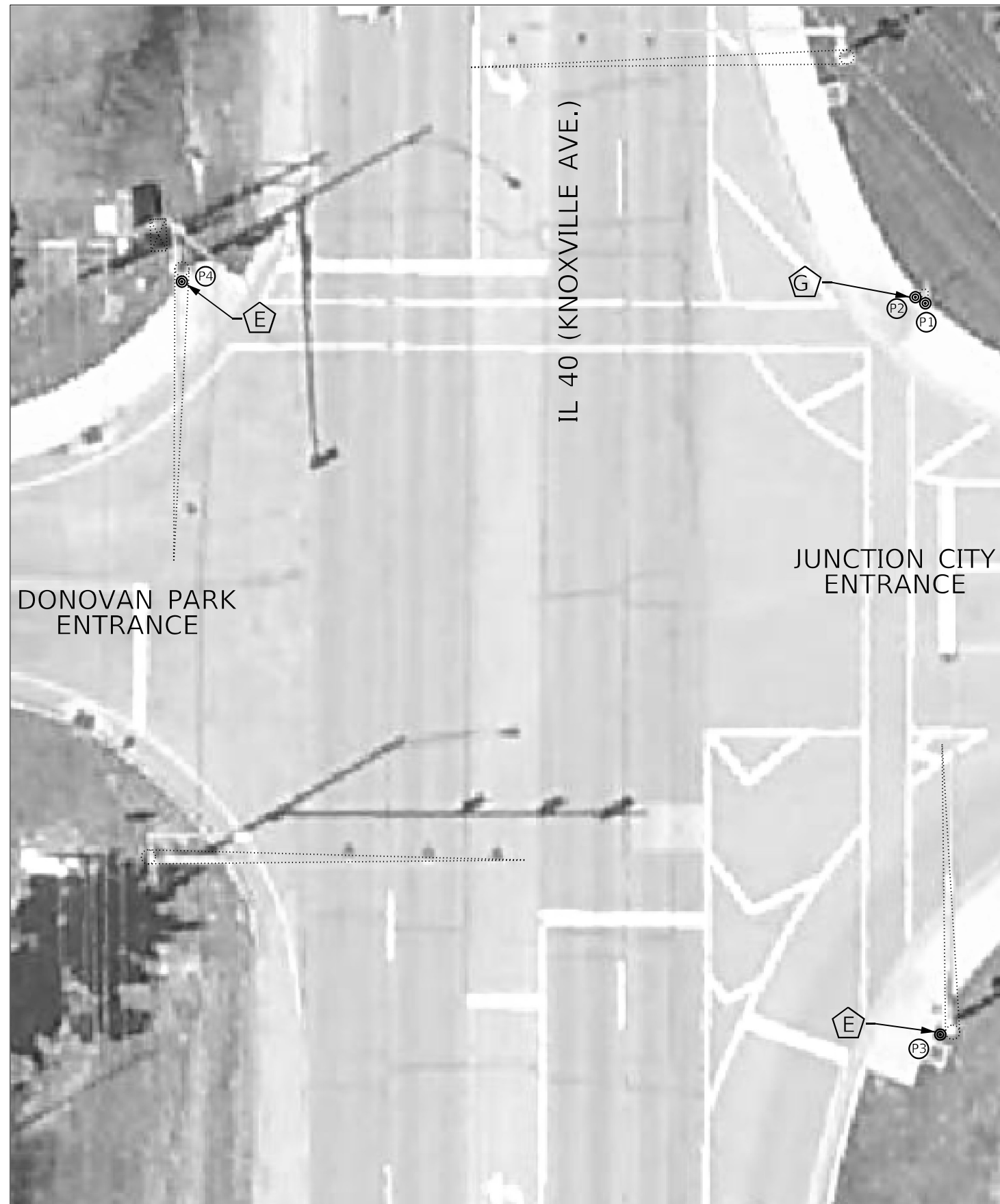
USER NAME = trevor.hanson	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 23,8272 ' / in.	CHECKED -	REVISED -
PLOT DATE = 6/29/2023	DATE -	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

PROPOSED ACCESSIBLE PEDESTRIAN SIGNALS  
IL 40 (KNOXVILLE AVE.) & NORTHMOOR/ OAK POINT - PEORIA

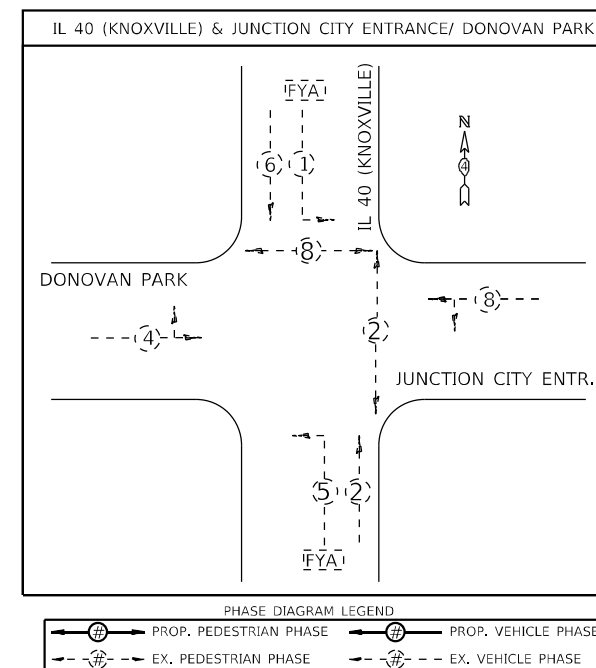
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR.	D4 ADA PUSHBUTTONS 2024	PEORIA	80	29
		CONTRACT NO. 68H76		
ILLINOIS		FED. AID PROJECT		













BILL OF MATERIALS		
IL 40 (KNOXVILLE) & JUNCTION CITY ENTRANCE/ DONOVAN PARK		
ITEM DESCRIPTION	UNIT	QTY.
ACCESSIBLE PEDESTRIAN SIGNALS	EACH	4.0

APS SCHEDULE							
IL 40 (KNOXVILLE) & JUNCTION CITY ENTRANCE/ DONOVAN PARK							
LABEL	LOCATION	INSTALLATION TYPE	MOUNTING BRACKET	CROSSING	WALK INDICATION	WIRING NOTES	NOTES
P1	NE QUAD	EX. PEDESTRIAN	DUAL	KNOXVILLE	SPEECH	RE-USE EXISTING WIRE	
P2	NE QUAD	PUSHBUTTON POST	DUAL	JUNCTION CITY	SPEECH		
P3	SE QUAD	EX. MAST ARM	SINGLE	JUNCTION CITY	TONE	RE-USE EXISTING WIRE	
P4	NW QUAD	EX. MAST ARM	SINGLE	KNOXVILLE	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  |

PEORIA TOWNSHIP
40.757012, -89.593427

USER NAME = trevor,hanson	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 23,8272 ' / in.	CHECKED -	REVISED -
PLOT DATE = 6/29/2023	DATE -	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

<b>PROPOSED ACCESSIBLE PEDESTRIAN SIGNALS</b> <b>IL 40 (KNOXVILLE AVE.) &amp; DONOVAN PARK ENTRANCE - PEORIA</b>					F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
					VAR.	D4 ADA PUSHBUTTONS 2024	PEORIA	80	30
					CONTRACT NO. 68H76				
SCALE:	SHEET	OF	SHEETS	STA.	TO STA.				
					ILLINOIS FED. AID PROJECT				

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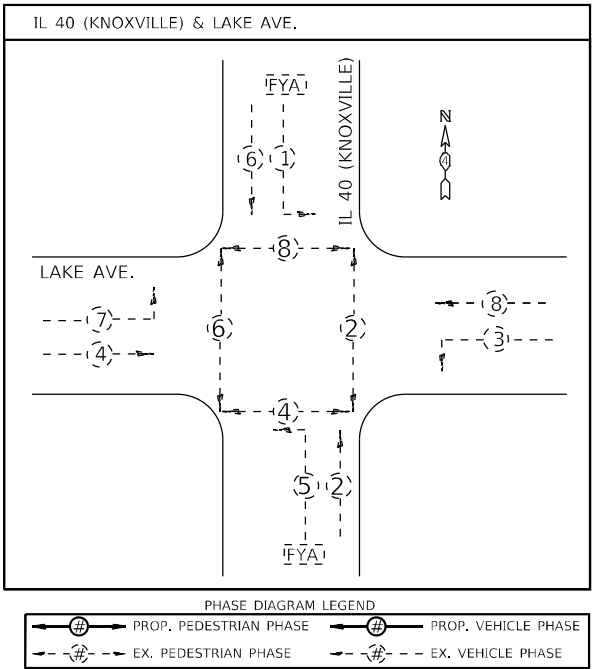






BILL OF MATERIALS		
IL 40 (KNOXVILLE) & LAKE		
ITEM DESCRIPTION	UNIT	QTY.
ACCESSIBLE PEDESTRIAN SIGNALS	EACH	8.0

APS SCHEDULE							
IL 40 (KNOXVILLE) & LAKE							
LABEL	LOCATION	INSTALLATION TYPE	MOUNTING BRACKET	CROSSING	WALK INDICATION	WIRING NOTES	NOTES
P1	NE QUAD	EX. PEDESTRIAN	DUAL	KNOXVILLE	SPEECH	RE-USE EXISTING WIRE	
P2	NE QUAD	PUSHBUTTON POST	DUAL	LAKE	SPEECH		
P3	SE QUAD	EX. PEDESTRIAN	DUAL	LAKE	SPEECH		
P4	SE QUAD	PUSHBUTTON POST	DUAL	KNOXVILLE	SPEECH	RE-USE EXISTING WIRE	
P5	SW QUAD	EX. PEDESTRIAN	DUAL	KNOXVILLE	SPEECH		
P6	SW QUAD	PUSHBUTTON POST	DUAL	LAKE	SPEECH	RE-USE EXISTING WIRE	
P7	NW QUAD	EX. PEDESTRIAN	DUAL	LAKE	SPEECH		
P8	NW QUAD	PUSHBUTTON POST	DUAL	KNOXVILLE	SPEECH	RE-USE EXISTING WIRE	



#### 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

PEORIA TOWNSHIP

40.739246, -89.593620

USER NAME = trevor.hanson	DESIGNED -	REVISED -
DRAWN -	REVISED -	
PLOT SCALE = 23,8272' = 1" / in.	CHECKED -	REVISED -
PLOT DATE = 6/29/2023	DATE -	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

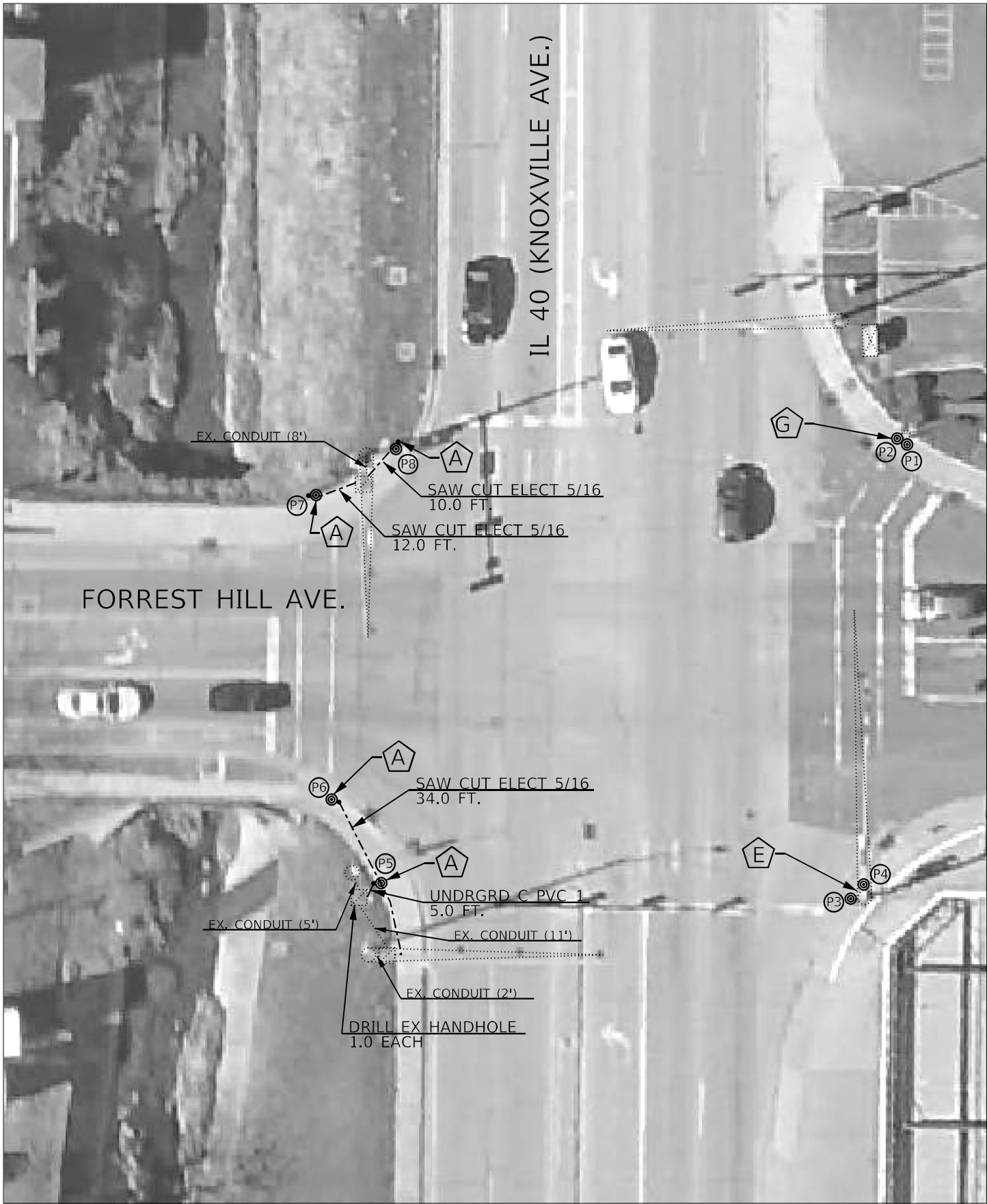
**PROPOSED ACCESSIBLE PEDESTRIAN SIGNALS  
IL 40 (KNOXVILLE AVE.) & LAKE AVE. - PEORIA**

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR.	D4 ADA PUSHBUTTONS 2024	PEORIA	80	32
CONTRACT NO.				
ILLINOIS FED. AID PROJECT				

NOT TO SCALE

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AP5168176 (Revised APS) (Final 06-29-23).dgn



PEORIA TOWNSHIP  
40.725053, -89.593453

USER NAME = trevor.hanson	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 23,8272' = 1 in.	CHECKED -	REVISED -
PLOT DATE = 6/29/2023	DATE -	REVISED -

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

PROPOSED ACCESSIBLE PEDESTRIAN SIGNALS  
IL 40 (KNOXVILLE AVE.) & FORREST HILL AVE. - PEORIA

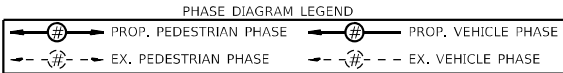
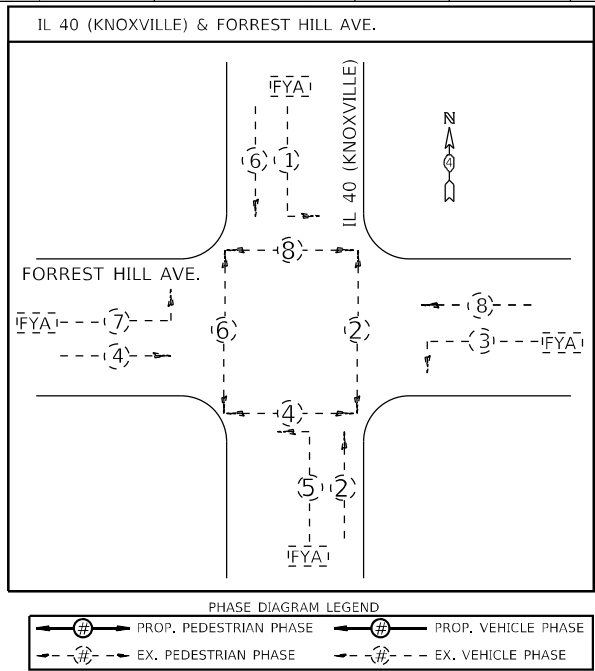
SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR.	D4 ADA PUSHBUTTONS 2024	PEORIA	80	33
CONTRACT NO.				
ILLINOIS FED. AID PROJECT				



BILL OF MATERIALS		
IL 40 (KNOXVILLE) & FORREST HILL		
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	241.0
SAW CUT FOR ELECTRICAL CABLE INSTALLATION, 5/16"	FOOT	56.0
DRILL EXISTING HANDHOLE	EACH	1.0
UNDERGROUND CONDUIT, PVC, 1" DIA.	FOOT	5.0

APS SCHEDULE							
IL 40 (KNOXVILLE) & FORREST HILL							
LABEL	LOCATION	INSTALLATION TYPE	MOUNTING BRACKET	CROSSING	WALK INDICATION	WIRING NOTES	NOTES
P1	NE QUAD	EX. PEDESTRIAN PUSHBUTTON POST	DUAL	KNOXVILLE	SPEECH	RE-USE EXISTING WIRE	
P2	NE QUAD		DUAL	FORREST HILL	SPEECH		
P3	SE QUAD	EX. MAST ARM	DUAL	FORREST HILL	SPEECH	RE-USE EXISTING WIRE	
P4	SE QUAD		DUAL	KNOXVILLE	SPEECH		
P5	SW QUAD	PROP. PEDESTRIAN PUSH-BUTTON POST (NO FOUNDATION)	SINGLE	KNOXVILLE	TONE	RE-USE EXISTING WIRE (INSTALL IN PROP. CONDUIT)	PROP. CONDUIT FROM PROP. PUSHBUTTON POST TO EX. HANDHOLE
P6	SW QUAD	PROP. PEDESTRIAN PUSH-BUTTON POST (NO FOUNDATION)	SINGLE	FORREST HILL	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
P7	NW QUAD	PROP. PEDESTRIAN PUSH-BUTTON POST (NO FOUNDATION)	SINGLE	FORREST HILL	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	KNOXVILLE	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

- 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

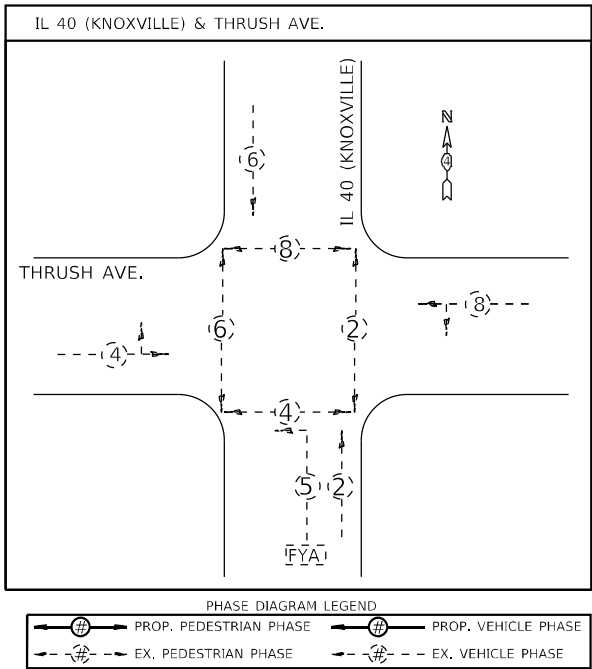






BILL OF MATERIALS		
IL 40 (KNOXVILLE) & THRUSH		
ITEM DESCRIPTION	UNIT	QTY.
ACCESSIBLE PEDESTRIAN SIGNALS	EACH	8.0

APS SCHEDULE							
IL 40 (KNOXVILLE) & THRUSH							
LABEL	LOCATION	INSTALLATION TYPE	MOUNTING BRACKET	CROSSING	WALK INDICATION	WIRING NOTES	NOTES
P1	NE QUAD	EX. PEDESTRIAN	DUAL	KNOXVILLE	SPEECH	RE-USE EXISTING WIRE	
P2	NE QUAD	PUSHBUTTON POST	DUAL	THRUSH	SPEECH		
P3	SE QUAD	EX. PEDESTRIAN	DUAL	THRUSH	SPEECH	RE-USE EXISTING WIRE	
P4	SE QUAD	PUSHBUTTON POST	DUAL	KNOXVILLE	SPEECH		
P5	SW QUAD	EX. PEDESTRIAN	DUAL	KNOXVILLE	SPEECH	RE-USE EXISTING WIRE	
P6	SW QUAD	PUSHBUTTON POST	DUAL	THRUSH	SPEECH		
P7	NW QUAD	EX. PEDESTRIAN	DUAL	THRUSH	SPEECH	RE-USE EXISTING WIRE	
P8	NW QUAD	PUSHBUTTON POST	DUAL	KNOXVILLE	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

PEORIA TOWNSHIP  
40.714500, -89.593725

USER NAME = trevor.hanson	DESIGNED -	REVISED -
DRAWN -	REVISD -	
PLOT SCALE = 23,8272' = 1 in.	CHECKED -	REVISED -
PLOT DATE = 6/29/2023	DATE -	REVISED -

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

PROPOSED ACCESSIBLE PEDESTRIAN SIGNALS  
IL 40 (KNOXVILLE AVE.) & THRUSH AVE. - PEORIA

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR.	D4 ADA PUSHBUTTONS 2024	PEORIA	80	35
CONTRACT NO.				
ILLINOIS FED. AID PROJECT				

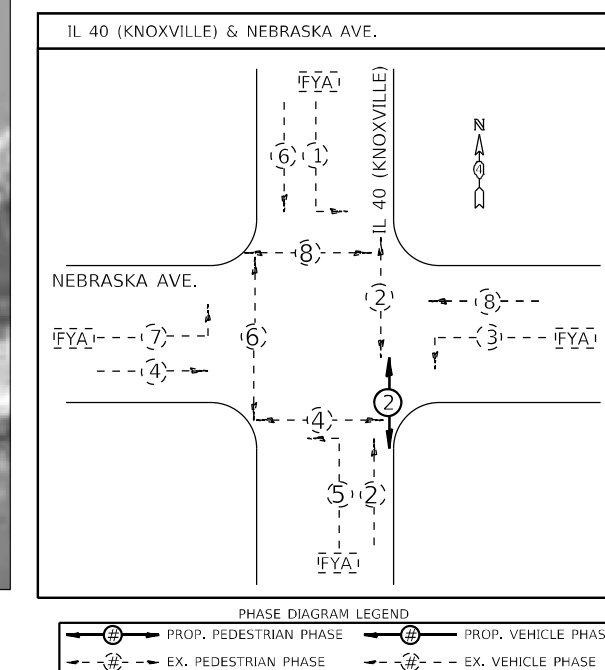
NOT TO SCALE



BILL OF MATERIALS		
IL 40 (KNOXVILLE) & NEBRASKA		
ITEM DESCRIPTION	UNIT	QTY.
ACCESSIBLE PEDESTRIAN SIGNALS	EACH	10.0
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	64.0
SAW CUT FOR ELECTRICAL CABLE INSTALLATION, 5/16"	FOOT	17.0
DRILL EXISTING HANDHOLE	EACH	1.0
UNDERGROUND CONDUIT, PVC, 2" DIA.	FOOT	15.0
ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 3C	FOOT	490.0
ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 5C	FOOT	351.5
PEDESTRIAN SIGNAL HEAD, POLYCARBONATE, LED, 1-FACE, BRACKET MOUNTED WITH COUNT DOWN TIMER	EACH	2.0
TRAFFIC SIGNAL POST, GALVANIZED STEEL 11 FT.	EACH	1.0
CONCRETE FOUNDATION, TYPE A	FOOT	3.0
ELECTRIC CABLE IN CONDUIT, EQUIPMENT GROUNDING CONDUCTOR, NO. 6 1C	FOOT	27.5
ILLUMINATED SIGN (SPECIAL)	EACH	1.0









NOTE:  
1. 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.

APS SCHEDULE							
IL 40 (KNOXVILLE) & NEBRASKA							
LABEL	LOCATION	INSTALLATION TYPE	MOUNTING BRACKET	CROSSING	WALK INDICATION	WIRING NOTES	NOTES
P1	NE QUAD	EX. PEDESTRIAN	DUAL	KNOXVILLE	SPEECH	RE-USE EXISTING WIRE	
P2	NE QUAD	PUSHBUTTON POST	DUAL	NEBRASKA	SPEECH		
P3	NB RT ISLAND	PROP. PEDESTRIAN PUSH-BUTTON POST (NO FOUNDATION)	SINGLE	NEBRASKA	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
P4	NB RT ISLAND	EX. PEDESTRIAN PUSHBUTTON POST	SINGLE	KNOXVILLE	TONE	RE-USE EXISTING WIRE	
P5	NB RT ISLAND	PROP. PEDESTRIAN PUSH-BUTTON POST (NO FOUNDATION)	SINGLE	KNOXVILLE RIGHT TURN LANE	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
P6	SE QUAD	PROP. TS POST	SINGLE	KNOXVILLE RIGHT TURN LANE	TONE	INSTALL NEW WIRE FROM APS TO CONTROLLER	PROP. CONDUIT FROM PROP. TS POST TO EX. HANDHOLE
P7	SW QUAD	EX. PEDESTRIAN	DUAL	KNOXVILLE	SPEECH	RE-USE EXISTING WIRE	
P8	SW QUAD	PUSHBUTTON POST	DUAL	NEBRASKA	SPEECH		
P9	NW QUAD	EX. PEDESTRIAN	DUAL	NEBRASKA	SPEECH	RE-USE EXISTING WIRE	
P10	NW QUAD	PUSHBUTTON POST	DUAL	KNOXVILLE	SPEECH		



### APS LEGEND

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	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	PEORIA	80	36
		CONTRACT NO. 68H76		

USER NAME = trevor.hanson	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 23.8272 ' / in.	CHECKED -	REVISED -
PLOT DATE = 6/29/2023	DATE -	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

PROPOSED ACCESSIBLE PEDESTRIAN SIGNALS  
IL 40 (KNOXVILLE AVE.) & NEBRASKA AVE. - PEORIA

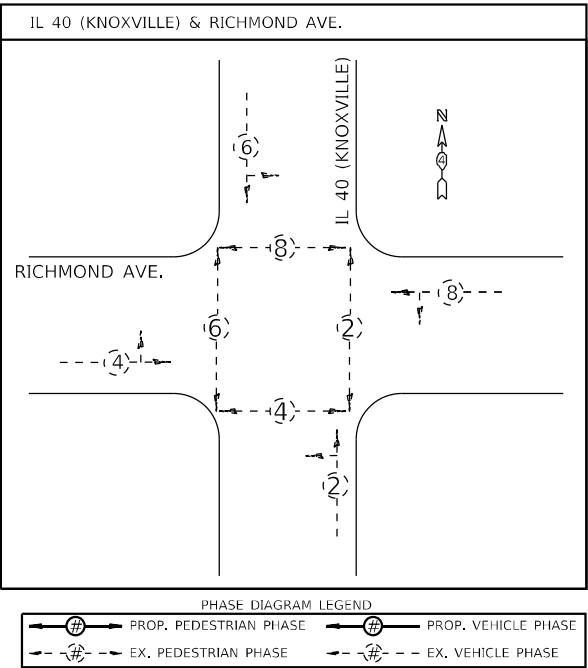
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IL 40 (KNOXVILLE AVE.)

BILL OF MATERIALS		
IL 40 (KNOXVILLE) & RICHMOND		
ITEM DESCRIPTION	UNIT	QTY.
ACCESSIBLE PEDESTRIAN SIGNALS	EACH	8.0

APS SCHEDULE							
IL 40 (KNOXVILLE) & RICHMOND							
LABEL	LOCATION	INSTALLATION TYPE	MOUNTING BRACKET	CROSSING	WALK INDICATION	WIRING NOTES	NOTES
P1	NE QUAD	EX. PEDESTRIAN	DUAL	RICHMOND	SPEECH	RE-USE EXISTING WIRE	
P2	NE QUAD	PUSHBUTTON POST	DUAL	KNOXVILLE	SPEECH		
P3	SE QUAD	EX. PEDESTRIAN	DUAL	KNOXVILLE	SPEECH	RE-USE EXISTING WIRE	
P4	SE QUAD	PUSHBUTTON POST	DUAL	RICHMOND	SPEECH		
P5	SW QUAD	EX. PEDESTRIAN	DUAL	RICHMOND	SPEECH	RE-USE EXISTING WIRE	
P6	SW QUAD	PUSHBUTTON POST	DUAL	KNOXVILLE	SPEECH		
P7	NW QUAD	EX. PEDESTRIAN	DUAL	KNOXVILLE	SPEECH	RE-USE EXISTING WIRE	
P8	NW QUAD	PUSHBUTTON POST	DUAL	RICHMOND	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  |

PEORIA TOWNSHIP
40.708019, -89.593808

USER NAME = trevor.hanson	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 23,8272 ' / in.	CHECKED -	REVISED -
PLOT DATE = 6/29/2023	DATE -	REVISED -

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

## PROPOSED ACCESSIBLE PEDESTRIAN SIGNALS IL 40 (KNOXVILLE AVE.) & RICHMOND AVE. - 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	PEORIA	80	37
		CONTRACT NO.		
ILLINOIS		FED. AID PROJECT		

NOT TO SCALE





PEORIA TOWNSHIP  
40.700638, -89.594154

USER NAME = trevor.hanson	DESIGNED -	REVISED -
DRAWN -	REVISED -	
PLOT SCALE = 23,8272' = 1 in.	CHECKED -	REVISED -
PLOT DATE = 6/29/2023	DATE -	REVISED -

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

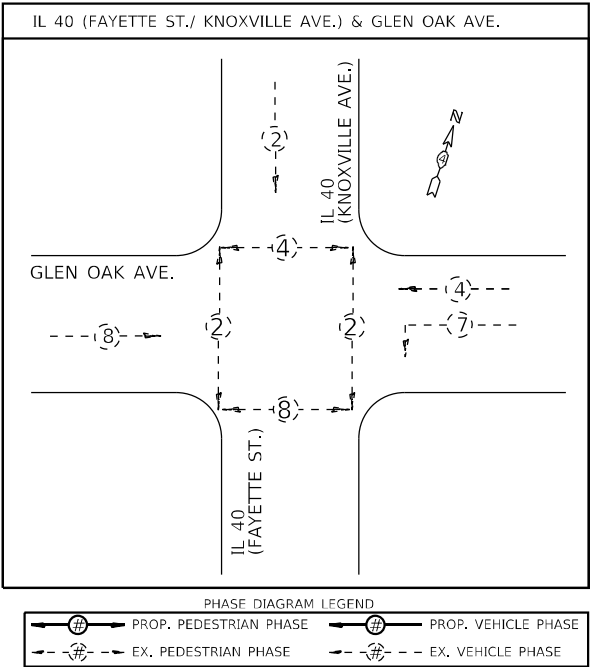
PROPOSED ACCESSIBLE PEDESTRIAN SIGNALS IL 40 (KNOXVILLE/ FAYETTE AVE.) & GLEN OAK AVE. - PEORIA			
SCALE:	SHEET	OF	SHEETS
STA.	TO	STA.	

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR.	D4 ADA PUSHBUTTONS 2024	PEORIA	80	38
CONTRACT NO.				
ILLINOIS				FED. AID PROJECT

BILL OF MATERIALS		
IL 40 (KNOXVILLE/ FAYETTE) & GLEN OAK		
ITEM DESCRIPTION	UNIT	QTY.
ACCESSIBLE PEDESTRIAN SIGNALS	EACH	8.0
PEDESTRIAN PUSH-BUTTON POST	EACH	1.0
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	156.0
SAW CUT FOR ELECTRICAL CABLE INSTALLATION, 5/8"	FOOT	14.0
DRILL EXISTING HANDHOLE	EACH	1.0
UNDERGROUND CONDUIT, PVC, 1" DIA.	FOOT	27.0

NOTE:  
1. THE CONTRACTOR SHALL DRILL THE EXISITNG CURB TO ACCOMODATE THE INSTALLATION OF THE PROPOSED CONDUIT AND PROPOSED PEDESTRIAN PUSH-BUTTON POST (NO FOUNDATION). THE COST OF THIS WORK WILL NOT BE PAID FOR SEPARATELY, BUT SHALL BE INCLUDED IN THE COST OF THE PROPOSED PEDESTRIAN PUSH-BUTTON POST (NO FOUNDATION).

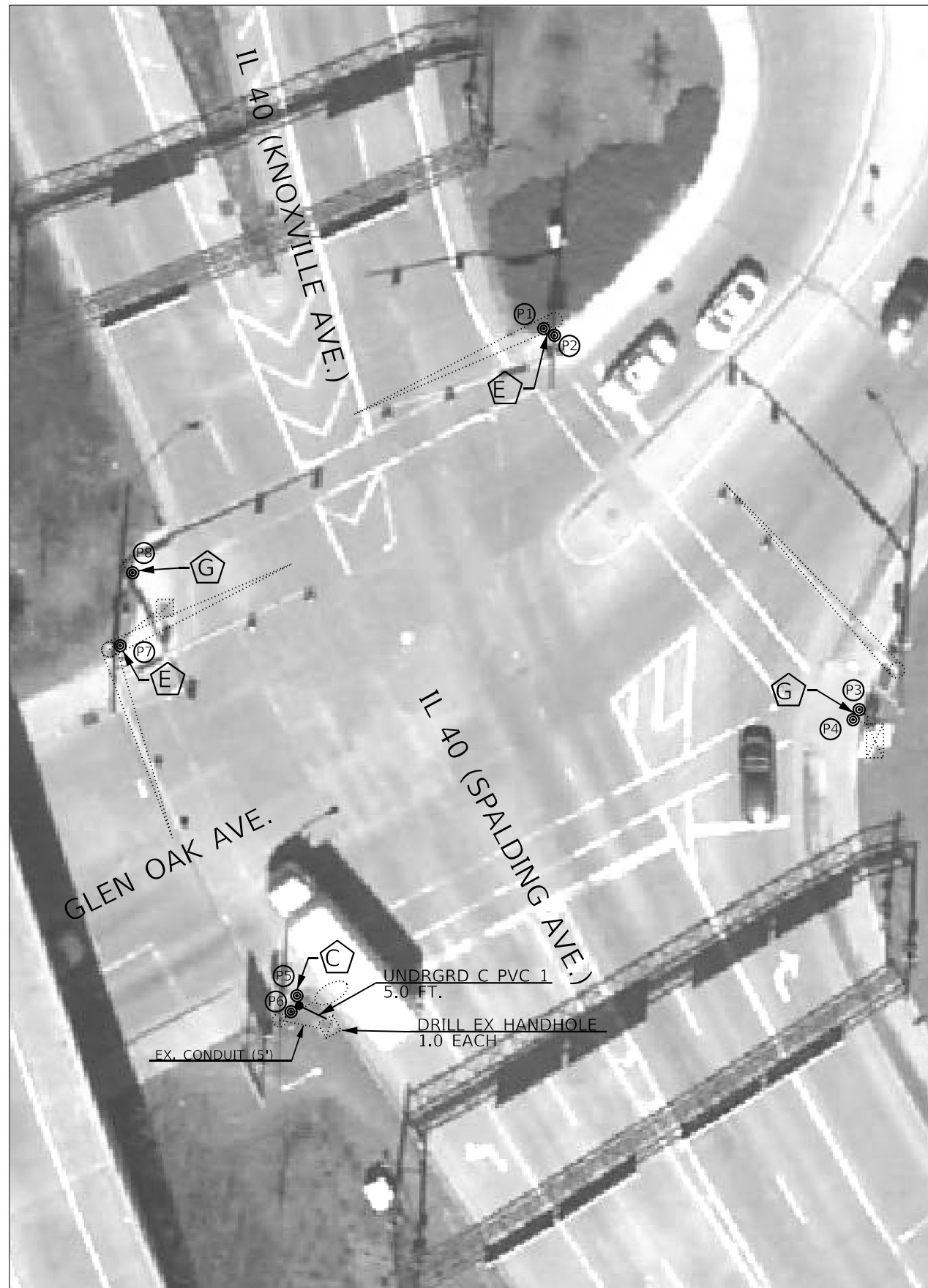
APS SCHEDULE							
IL 40 (KNOXVILLE/ FAYETTE) & GLEN OAK							
LABEL	LOCATION	INSTALLATION TYPE	MOUNTING BRACKET	CROSSING	WALK INDICATION	WIRING NOTES	NOTES
P1	NE QUAD	EX. TS POST	DUAL	GLEN OAK	SPEECH	RE-USE EXISTING WIRE	
P2	NE QUAD		DUAL	KNOXVILLE	SPEECH		
P3	SE QUAD	PROP. PEDESTRIAN PUSH-BUTTON POST (NO FOUNDATION)	SINGLE	GLEN OAK	TONE	RE-USE EXISTING WIRE (INSTALL IN PROP. CONDUIT)	PROP. CONDUIT FROM PROP. PUSHBUTTON POST TO EX. HANDHOLE
P4	SE QUAD	PROP. PEDESTRIAN PUSHBUTTON	SINGLE	FAYETTE	TONE	RE-USE EXISTING WIRE (INSTALL IN PROP. CONDUIT)	PROP. CONDUIT FROM PROP. PUSHBUTTON POST TO EX. HANDHOLE
P5	SW QUAD	EX. LIGHT POLE	DUAL	GLEN OAK	SPEECH	RE-USE EXISTING WIRE	
P6	SW QUAD		DUAL	FAYETTE	SPEECH		
P7	NW QUAD	PROP. PEDESTRIAN PUSH-BUTTON POST (NO FOUNDATION)	DUAL	KNOXVILLE	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	GLEN OAK	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

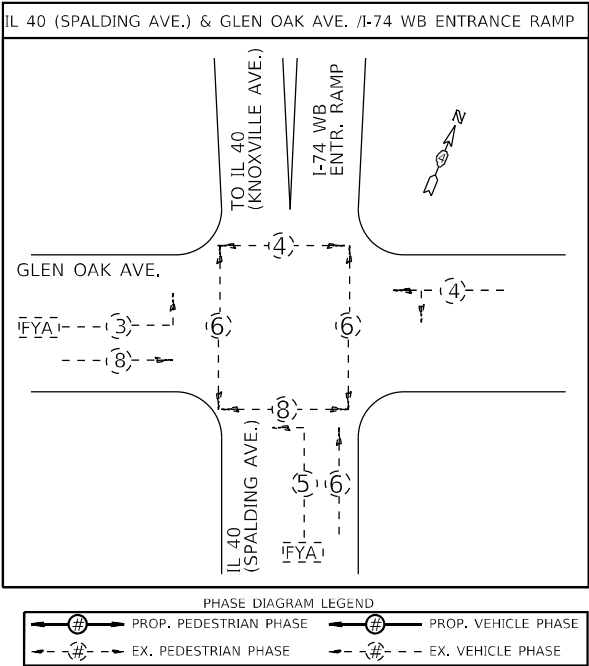












BILL OF MATERIALS		
IL 40 (KNOXVILLE)/ SPALDING & GLEN OAK		
ITEM DESCRIPTION	UNIT	QTY.
ACCESSIBLE PEDESTRIAN SIGNALS	EACH	8.0
PEDESTRIAN PUSH-BUTTON POST (NO FOUNDATION)	EACH	1.0
ANCHOR BOLT SET, 1/2 DIAMETER, WITH WEDGE ANCHORS	EACH	1.0
DRILL EXISTING HANDHOLE	EACH	1.0
UNDERGROUND CONDUIT, PVC, 1" DIA.	FOOT	5.0
APS EXTENSION BRACKET	EACH	1.0

APS SCHEDULE							
IL 40 (KNOXVILLE)/ SPALDING & GLEN OAK							
LABEL	LOCATION	INSTALLATION TYPE	MOUNTING BRACKET	CROSSING	WALK INDICATION	WIRING NOTES	NOTES
P1	NE QUAD	EX. MAST ARM	DUAL	KNOXVILLE	SPEECH	RE-USE EXISTING WIRE	
P2	NE QUAD		DUAL	GLEN OAK	SPEECH		
P3	SE QUAD	EX. PEDESTRIAN PUSHBUTTON POST	DUAL	SPALDING	SPEECH	RE-USE EXISTING WIRE	
P4	SE QUAD		DUAL	GLEN OAK	SPEECH		
P5	SW QUAD	PROP. PEDESTRIAN PUSH- BUTTON POST (NO FOUNDATION)	DUAL	SPALDING	SPEECH	RE-USE EXISTING WIRE (INSTALL IN PROP. CONDUIT)	PROP. CONDUIT FROM PROP. PUSHBUTTON POST TO EX. HANDHOLE
P6	SW QUAD		DUAL	GLEN OAK	SPEECH		
P7	NW QUAD	EX. MAST ARM	SINGLE*	GLEN OAK	TONE	RE-USE EXISTING WIRE	RELOCATE TO EAST SIDE OF MAST ARM STRAIN POLE
P8	NW QUAD	EX. PEDESTRIAN PUSHBUTTON POST	SINGLE	KNOXVILLE	TONE	RE-USE EXISTING WIRE	

\* FURNISH AND INSTALL ONE APS EXTENSION BRACKET PER PUSHBUTTON

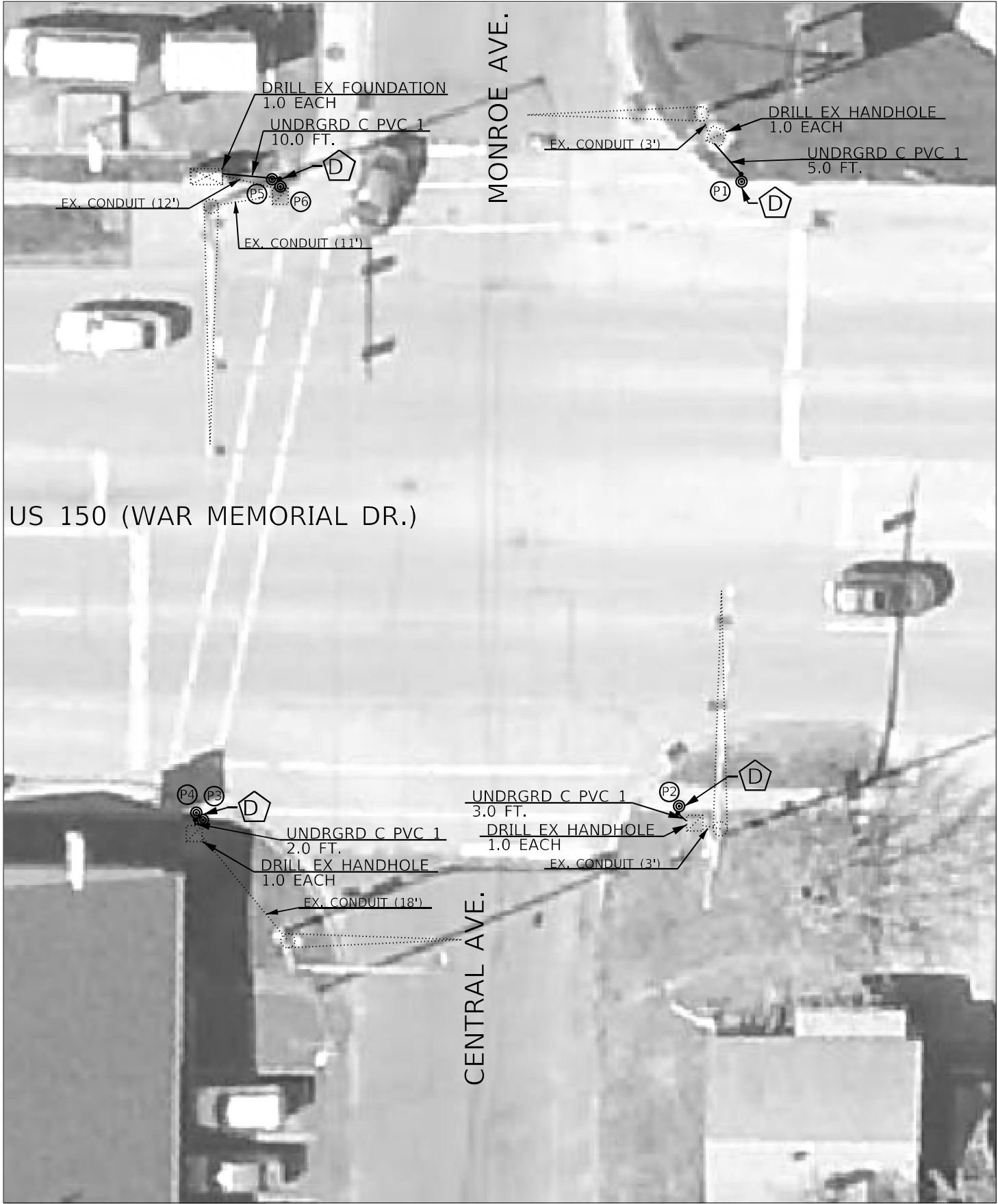


APS LEGEND	
	PROP. APS INSTALLED ON PROP. PEDESTRIAN PUSHBUTTON POST (NO FOUNDATION) ON EX. SIDEWALK, WITH ANCHOR BOLT SET, 1/2 DIAMETER, WITH WEDGE ANCHORS
	PROP. APS INSTALLED ON PROP. PEDESTRIAN PUSHBUTTON POST (NO FOUNDATION) ON EX. ISLAND SURFACE, WITH ANCHOR BOLT SET, 1/2 DIAMETER, WITH WEDGE ANCHORS
	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

	USER NAME = trevor.hanson	DESIGNED -	REVISED -	<div>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</div>	PROPOSED ACCESSIBLE PEDESTRIAN SIGNALS				F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEE NO.
		DRAWN -	REVISED -		IL 40 (KNOXVILLE/ SPALDING AVE.) & GLEN OAK AVE. - PEORIA				VAR.	D4 ADA PUSHBUTTONS 2024	PEORIA	80	39
	PLOT SCALE = 23,8272 ' / in.	CHECKED -	REVISED -		CONTRACT NO.								
	PLOT DATE = 6/29/2023	DATE -	REVISED -		SCALE:	SHEET	OF	SHEETS	STA.	TO STA.			

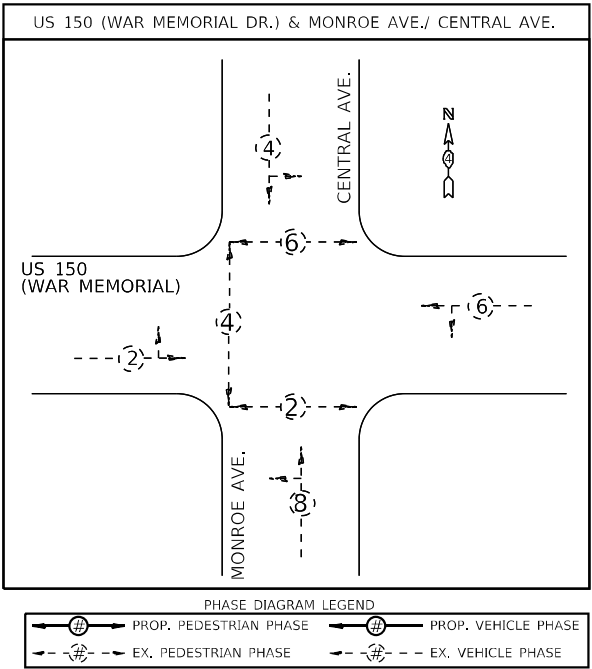


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40.732083, -89.579212



BILL OF MATERIALS		
US 150 (WAR MEMORIAL) & MONROE/CENTRAL		
ITEM DESCRIPTION	UNIT	QTY.
ACCESSIBLE PEDESTRIAN SIGNALS	EACH	6.0
PEDESTRIAN PUSH-BUTTON POST	EACH	4.0
DRILL EXISTING FOUNDATION	EACH	1.0
DRILL EXISTING HANDHOLE	EACH	3.0
UNDERGROUND CONDUIT, PVC, 1" DIA.	FOOT	20.0
ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 5C	FOOT	19.0

APS SCHEDULE							
US 150 (WAR MEMORIAL) & MONROE/CENTRAL							
LABEL	LOCATION	INSTALLATION TYPE	MOUNTING BRACKET	CROSSING	WALK INDICATION	WIRING NOTES	NOTES
P1	NE QUAD	PROP. PEDESTRIAN PUSHBUTTON POST	SINGLE	MONROE	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	SINGLE	CENTRAL	TONE	RE-USE EXISTING WIRE (INSTALL IN PROP. CONDUIT)	PROP. CONDUIT FROM PROP. PUSHBUTTON POST TO EX. HANDHOLE
P3	SW QUAD	PROP. PEDESTRIAN PUSHBUTTON POST	DUAL	WAR MEMORIAL	SPEECH	RE-USE EXISTING WIRE (INSTALL IN PROP. CONDUIT)	PROP. CONDUIT FROM PROP. PUSHBUTTON POST TO EX. HANDHOLE
P4	SW QUAD		DUAL	CENTRAL	SPEECH		
P5	NW QUAD	PROP. PEDESTRIAN PUSHBUTTON POST	DUAL	WAR MEMORIAL	SPEECH	INSTALL NEW WIRE FROM APS TO CONTROLLER	PROP. CONDUIT FROM PROP. PUSHBUTTON POST TO EX. FOUNDATION
P6	NW QUAD		DUAL	MONROE	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

PEORIA/RICHWOODS TOWNSHIPS  
40.732083, -89.579212

USER NAME = trevor.hanson	DESIGNED -	REVISED -
PLOT SCALE = 23,8272' * / in.	CHECKED -	REVISED -
PLOT DATE = 6/29/2023	DATE -	REVISED -

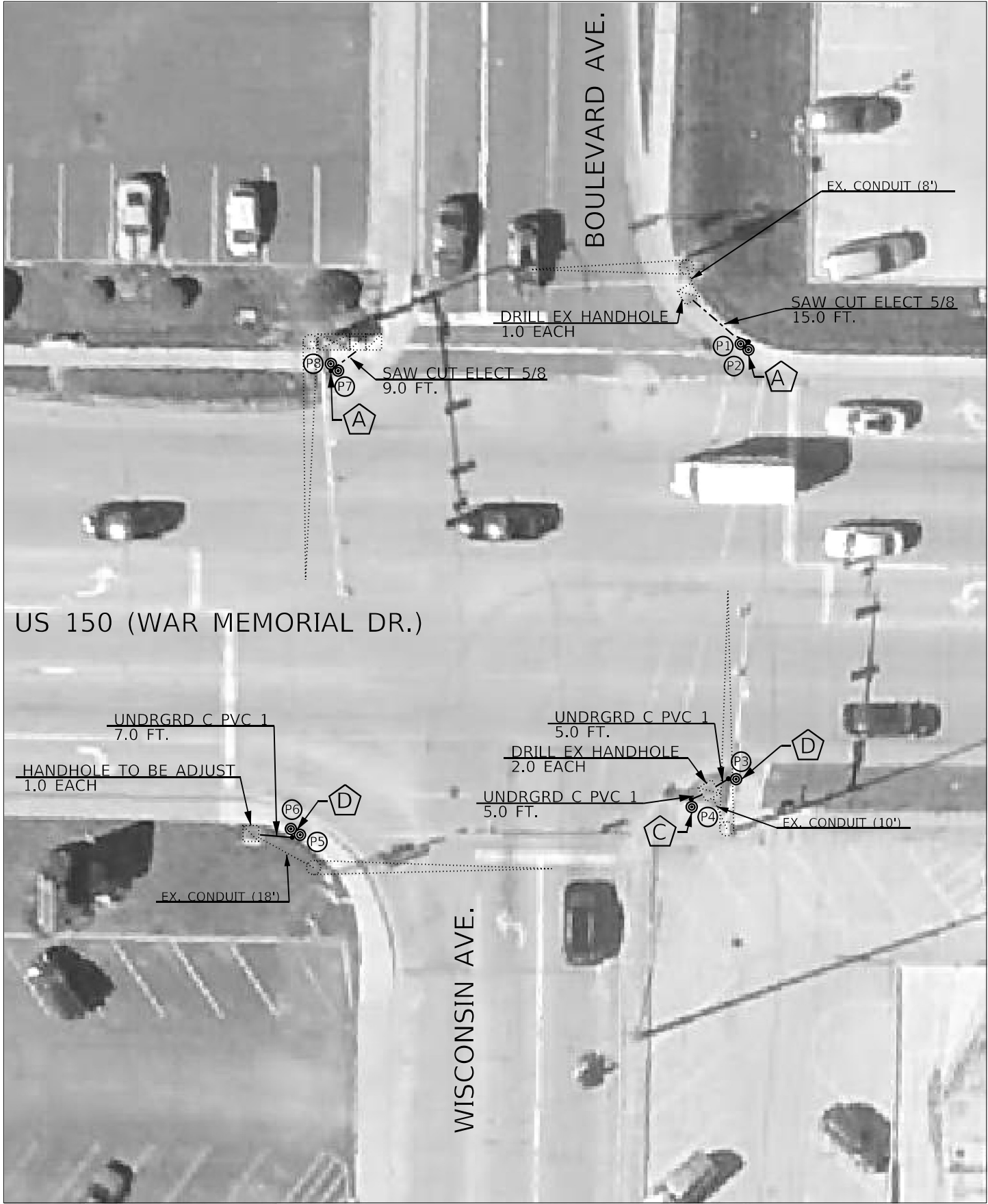
STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

PROPOSED ACCESSIBLE PEDESTRIAN SIGNALS US 150 & MONROE AVE./ CENTRAL AVE. - PEORIA HEIGHTS			
SCALE:	SHEET	OF SHEETS	STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR.	D4 ADA PUSHBUTTONS 2024	PEORIA	80	41
CONTRACT NO. 68H76				
ILLINOIS FED. AID PROJECT				

NOT TO SCALE

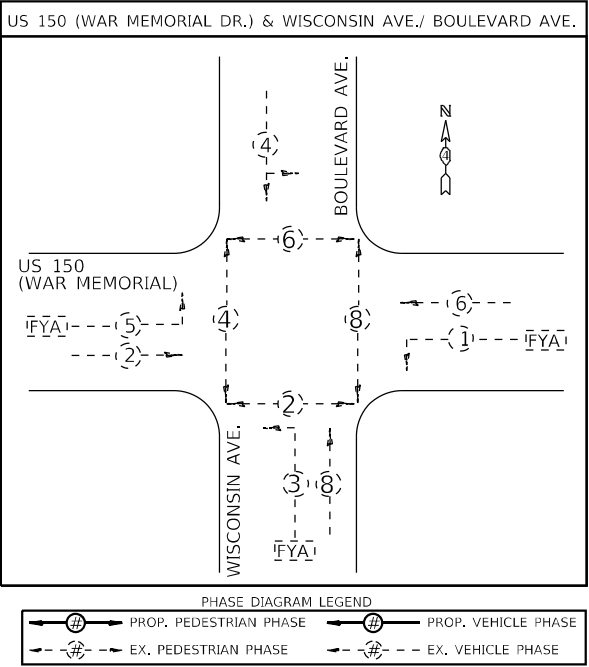




BILL OF MATERIALS		
US 150 (WAR MEMORIAL) & WISCONSIN/ BOULEVARD		
ITEM DESCRIPTION	UNIT	QTY.
ACCESSIBLE PEDESTRIAN SIGNALS	EACH	8.0
PEDESTRIAN PUSH-BUTTON POST	EACH	2.0
PEDESTRIAN PUSH-BUTTON POST (NO FOUNDATION)	EACH	3.0
ANCHOR BOLT SET, 1/2 DIAMETER, WITH WEDGE ANCHORS	EACH	3.0
DRILL EXISTING HANDHOLE	EACH	3.0
UNDERGROUND CONDUIT, PVC, 1" DIA.	FOOT	17.0
HANDHOLE TO BE ADJUSTED	EACH	1.0

- NOTES:
- THE CONTRACTOR SHALL DRILL THE EXISITNG CURB TO ACCOMODATE THE INSTALLATION OF THE PROPOSED CONDUIT AND PROPOSED PEDESTRIAN PUSH-BUTTON POST (NO FOUNDATION). THE COST OF THIS WORK WILL NOT BE PAID FOR SEPARATELY, BUT SHALL BE INCLUDED IN THE COST OF THE PROPOSED PEDESTRIAN PUSH-BUTTON POST (NO FOUNDATION).
  - THE CONTRACTOR SHALL DRILL THE ADJUSTED HANDHOLE TO ACCOMODATE THE INSTALLATION OF THE PROPOSED 1" PVC CONDUIT. THE COST OF THIS WORK WILL NOT BE PAID FOR SEPARATELY, BUT SHALL BE INLCUED IN THE BID PRICE OF "HANDHOLE TO BE ADJUSTED."

APS SCHEDULE							
US 150 (WAR MEMORIAL) & WISCONSIN/ BOULEVARD							
LABEL	LOCATION	INSTALLATION TYPE	MOUNTING BRACKET	CROSSING	WALK INDICATION	WIRING NOTES	NOTES
P1	NE QUAD	PROP. PEDESTRIAN PUSH-BUTTON POST (NO FOUNDATION)	DUAL	WAR MEMORIAL	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	BOULEVARD	SPEECH		
P3	SE QUAD	PROP. PEDESTRIAN PUSHBUTTON	SINGLE	WAR MEMORIAL	tone	RE-USE EXISTING WIRE (INSTALL IN PROP. CONDUIT)	PROP. CONDUIT FROM PROP. PUSHBUTTON POST TO EX. HANDHOLE
P4	SE QUAD	PROP. PEDESTRIAN PUSH-BUTTON POST (NO FOUNDATION)	SINGLE	WISCONSIN	tone	RE-USE EXISTING WIRE (INSTALL IN PROP. CONDUIT)	PROP. CONDUIT FROM PROP. PUSHBUTTON POST TO EX. HANDHOLE
P5	SW QUAD	PROP. PEDESTRIAN PUSHBUTTON	DUAL	WAR MEMORIAL	SPEECH	RE-USE EXISTING WIRE (INSTALL IN PROP. CONDUIT)	PROP. CONDUIT FROM PROP. PUSHBUTTON POST TO EX. HANDHOLE
P6	SW QUAD		DUAL	WISCONSIN	SPEECH		
P7	NW QUAD	PROP. PEDESTRIAN PUSH-BUTTON POST (NO FOUNDATION)	DUAL	BOULEVARD	SPEECH	INSTALL NEW WIRE FROM APS TO CONTROLLER	PROP. SAW CUT FROM PROP. PUSHBUTTON POST TO EX. DOUBLE HANDHOLE
P8	NW QUAD		DUAL	WAR MEMORIAL	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

PEORIA TOWNSHIP  
40.732156, -89.584128

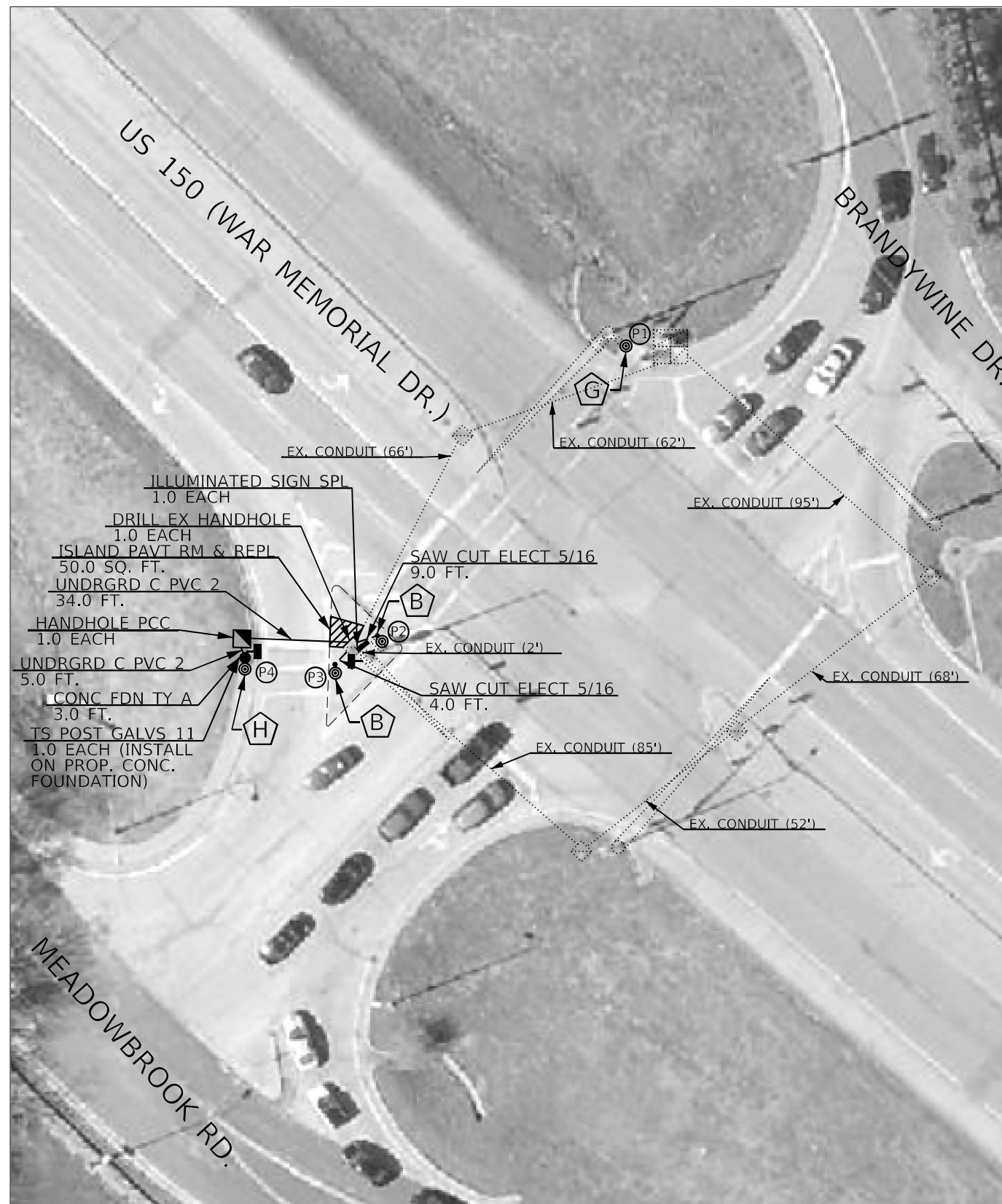
USER NAME = trevor.hanson	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 23,8272' = 1 in.	CHECKED -	REVISED -
PLOT DATE = 6/29/2023	DATE -	REVISED -

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

PROPOSED ACCESSIBLE PEDESTRIAN SIGNALS  
US 150 & WISCONSIN AVE./ BOULEVARD AVE. - PEORIA

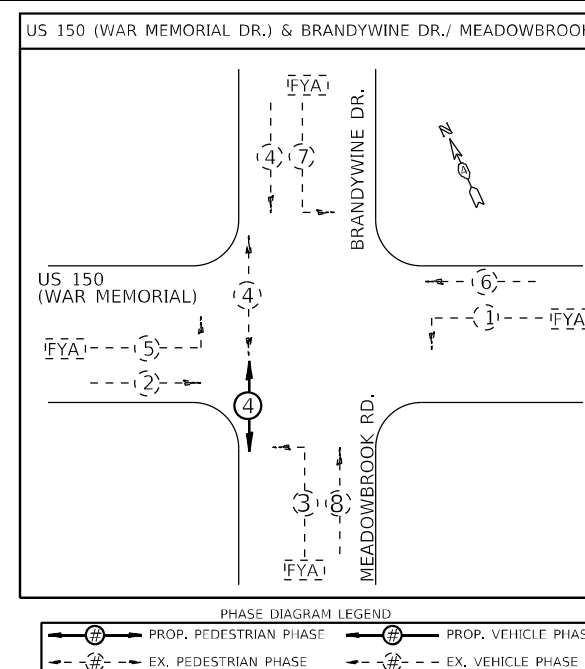
SCALE: SHEET OF SHEETS STA. TO STA.









F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR.	D4 ADA PUSHBUTTONS 2024	PEORIA	80	42
CONTRACT NO. 68H76				
ILLINOIS FED. AID PROJECT				



BILL OF MATERIALS		
US 150 (WAR MEMORIAL) & BRANDYWINE/ MEADOWBROOK		
ITEM DESCRIPTION	UNIT	QTY.
ACCESSIBLE PEDESTRIAN SIGNALS	EACH	4.0
PEDESTRIAN PUSH-BUTTON POST (NO FOUNDATION)	EACH	2.0
ANCHOR BOLT SET, 1/2 DIAMETER, WITH WEDGE ANCHORS	EACH	2.0
DRILL EXISTING HANDHOLE	EACH	1.0
THHN WIRE ENCASED IN PVC TUBE, NO. 19/27 AWG	FOOT	96.0
SAW CUT FOR ELECTRICAL CABLE INSTALLATION, 5/16"	FOOT	13.0
UNDERGROUND CONDUIT, PVC, 2" DIA.	FOOT	39.0
ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 3C	FOOT	379.5
ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 5C	FOOT	399.5
PEDESTRIAN SIGNAL HEAD, POLYCARBONATE, LED, 1-FACE, BRACKET MOUNTED WITH COUNT DOWN TIMER	EACH	2.0
TRAFFIC SIGNAL POST, GALVANIZED STEEL 11 FT.	EACH	1.0
CONCRETE FOUNDATION, TYPE A	FOOT	3.0
ELECTRIC CABLE IN CONDUIT, EQUIPMENT GROUNDING CONDUCTOR, NO. 6 1C	FOOT	64.5
ILLUMINATED SIGN (SPECIAL)	EACH	1.0
ISLAND PAVEMENT REMOVAL AND REPLACEMENT	SQ FT	50.0
HANDHOLE, PORTLAND CEMENT CONCRETE	EACH	1.0

APS SCHEDULE							
US 150 (WAR MEMORIAL) & BRANDYWINE/ MEADOWBROOK							
LABEL	LOCATION	INSTALLATION TYPE	MOUNTING BRACKET	CROSSING	WALK INDICATION	WIRING NOTES	NOTES
P1	NW QUAD	EX. PEDESTRIAN PUSHBUTTON POST	SINGLE	WAR MEMORIAL	TONE	RE-USE EXISTING WIRE	
P2	EB RT ISLAND	PROP. PEDESTRIAN PUSH-BUTTON POST (NO FOUNDATION)	SINGLE	WAR MEMORIAL	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	EB RT ISLAND	PROP. PEDESTRIAN PUSH-BUTTON POST (NO FOUNDATION)	SINGLE	WAR MEMORIAL RIGHT TURN LANE	TONE	INSTALL NEW WIRE FROM APS TO CONTROLLER	PROP. SAW CUT FROM PROP. PUSHBUTTON POST TO EX. HANDHOLE
P4	SW QUAD	PROP. TS POST	SINGLE	WAR MEMORIAL RIGHT TURN LANE	TONE	INSTALL NEW WIRE FROM APS TO CONTROLLER	PROP. CONDUIT FROM PROP. TS 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

NOTE:  
1. 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.

PEORIA TOWNSHIP  
40.735547, -89.619489

USER NAME = trevor,hanson	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 23.8272' / in.	CHECKED -	REVISED -
PLOT DATE = 6/29/2023	DATE -	REVISED -

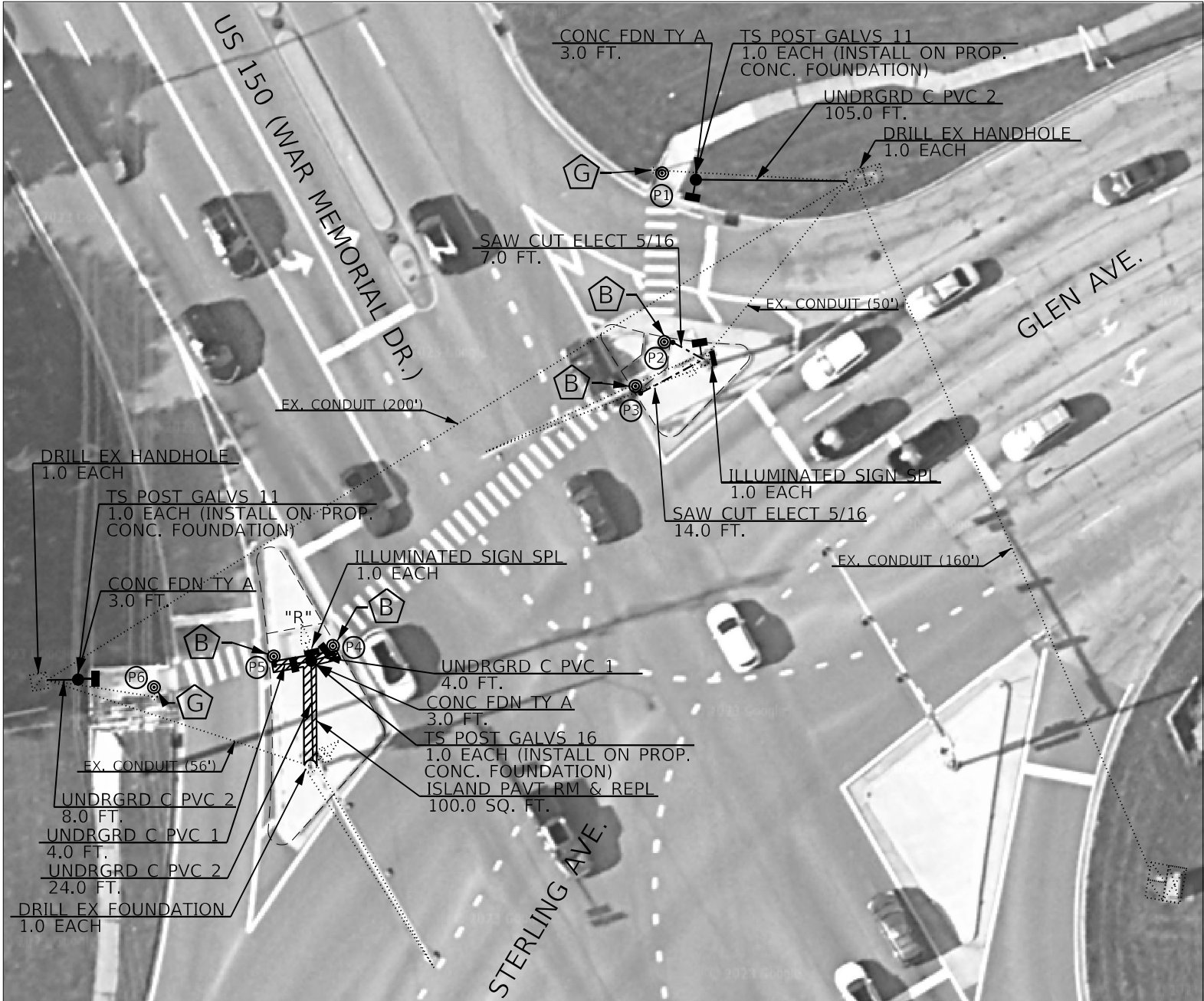
**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

PROPOSED ACCESSIBLE PEDESTRIAN SIGNALS  
US 150 & BRANDYWINE DR./ MEADOWBROOK RD. - 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	PEORIA	80	43
		CONTRACT NO. 68H76		
		ILLINOIS	FED. AID PROJECT	

NOT TO SCALE



NOTES:

1. THE CONTRACTOR SHALL INSTALL ONE 2-FACE PEDESTRIAN SIGNAL HEAD, ONE ILLUMINATED SIGN (SPECIAL) AND ONE RELOCATED EX. 5-SECTION SIGNAL HEAD ON THE PROPOSED TS POST (16 FT.) AS SHOWN IN THE PLANS.
2. THE CONTRACTOR SHALL FURNISH AND INSTALL NEW 7/C SIGNAL CABLE FOR THE RELOCATED 5-SECTION SIGNAL HEAD.
3. THE COST OF RELOCATING THE EXISTING 5-SECTION SIGNAL HEAD SHALL BE INCLUDED IN THE COST OF THE PROPOSED TRAFFIC SIGNAL POST.
4. "R" INDICATES RELOCATED ITEM.
5. 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.

PEORIA TOWNSHIP  
40.746723, -89.630833

USER NAME = trevor.hanson	DESIGNED -	REVISED -
DRAWN -	REVISED -	
PLOT SCALE = 23,8272' = 1 in.	CHECKED -	REVISED -
PLOT DATE = 6/29/2023	DATE -	REVISED -

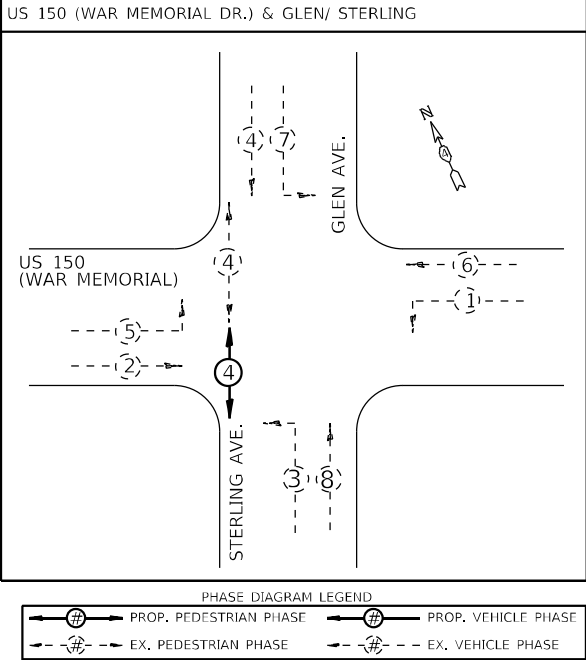
STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

PROPOSED ACCESSIBLE PEDESTRIAN SIGNALS US 150 (WAR MEMORIAL) & GLEN/ STERLING AVE. - PEORIA			
SCALE:	SHEET	OF SHEETS	STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR.	D4 ADA PUSHBUTTONS 2024	PEORIA	80	44
CONTRACT NO. 68H76				
ILLINOIS FED. AID PROJECT				

APS SCHEDULE		
US 150 (WAR MEMORIAL) & GLEN/ STERLING		
ACCESSIBLE PEDESTRIAN SIGNALS	EACH	6.0
PEDESTRIAN PUSH-BUTTON POST (NO FOUNDATION)	EACH	4.0
ANCHOR BOLT SET, 1/2 DIAMETER, WITH WEDGE ANCHORS	EACH	4.0
DRILL EXISTING FOUNDATION	EACH	1.0
DRILL EXISTING HANDHOLE	EACH	2.0
THHN WIRE ENCASED IN PVC TUBE, NO. 19/27 AWG	FOOT	78.0
SAW CUT FOR ELECTRICAL CABLE INSTALLATION, 5/16"	FOOT	21.0
UNDERGROUND CONDUIT, PVC, 1" DIA.	FOOT	8.0
UNDERGROUND CONDUIT, PVC, 2" DIA.	FOOT	137.0
ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 3C	FOOT	1792.0
ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 5C	FOOT	993.5
ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 7C	FOOT	995.0
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
TRAFFIC SIGNAL POST, GALVANIZED STEEL 11 FT.	EACH	2.0
TRAFFIC SIGNAL POST, GALVANIZED STEEL 16 FT.	EACH	1.0
CONCRETE FOUNDATION, TYPE A	FOOT	9.0
ELECTRIC CABLE IN CONDUIT, EQUIPMENT GROUNDING CONDUCTOR, NO. 6 1C	FOOT	188.5
ILLUMINATED SIGN (SPECIAL)	EACH	2.0
ISLAND PAVEMENT REMOVAL AND REPLACEMENT	SQ.FT	100.0

APS SCHEDULE							
US 150 (WAR MEMORIAL) & GLEN/ STERLING							
LABEL	LOCATION	INSTALLATION TYPE	MOUNTING BRACKET	CROSSING	WALK INDICATION	WIRING NOTES	NOTES
P1	NW QUAD	EX. PEDESTRIAN PUSHBUTTON POST	SINGLE	GLEN RIGHT TURN LANE	TONE	INSTALL NEW WIRE FROM APS TO CONTROLLER	PROP. CONDUIT FROM PROP. TS POST TO PROP. DOUBLE HANDHOLE
P2	SB RT ISLAND	PROP. PEDESTRIAN PUSH-BUTTON POST (NO FOUNDATION)	SINGLE	GLEN RIGHT TURN LANE	TONE	INSTALL NEW WIRE FROM APS TO CONTROLLER	PROP. SAW CUT FROM PROP. PUSHBUTTON POST TO EX. MAST ARM
P3	SB RT ISLAND	PROP. PEDESTRIAN PUSH-BUTTON POST (NO FOUNDATION)	SINGLE	WAR MEMORIAL	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
P4	EB RT ISLAND	PROP. PEDESTRIAN PUSH-BUTTON POST (NO FOUNDATION)	SINGLE	WAR MEMORIAL	TONE	INSTALL NEW WIRE FROM APS TO EX. MAST ARM AND SPLICE WITH EX. WIRE IN MAST ARM BASE	PROP. CONDUIT FROM PROP. PUSHBUTTON POST TO PROP. TS POST
P5	EB RT ISLAND	PROP. PEDESTRIAN PUSH-BUTTON POST (NO FOUNDATION)	SINGLE	WAR MEMORIAL RIGHT TURN LANE	TONE	INSTALL NEW WIRE FROM APS TO CONTROLLER	PROP. CONDUIT FROM PROP. PUSHBUTTON POST TO PROP. TS POST
P6	SW QUAD	EX. PEDESTRIAN PUSHBUTTON POST	SINGLE	WAR MEMORIAL RIGHT TURN LANE	TONE	RE-USE EXISTING WIRE	

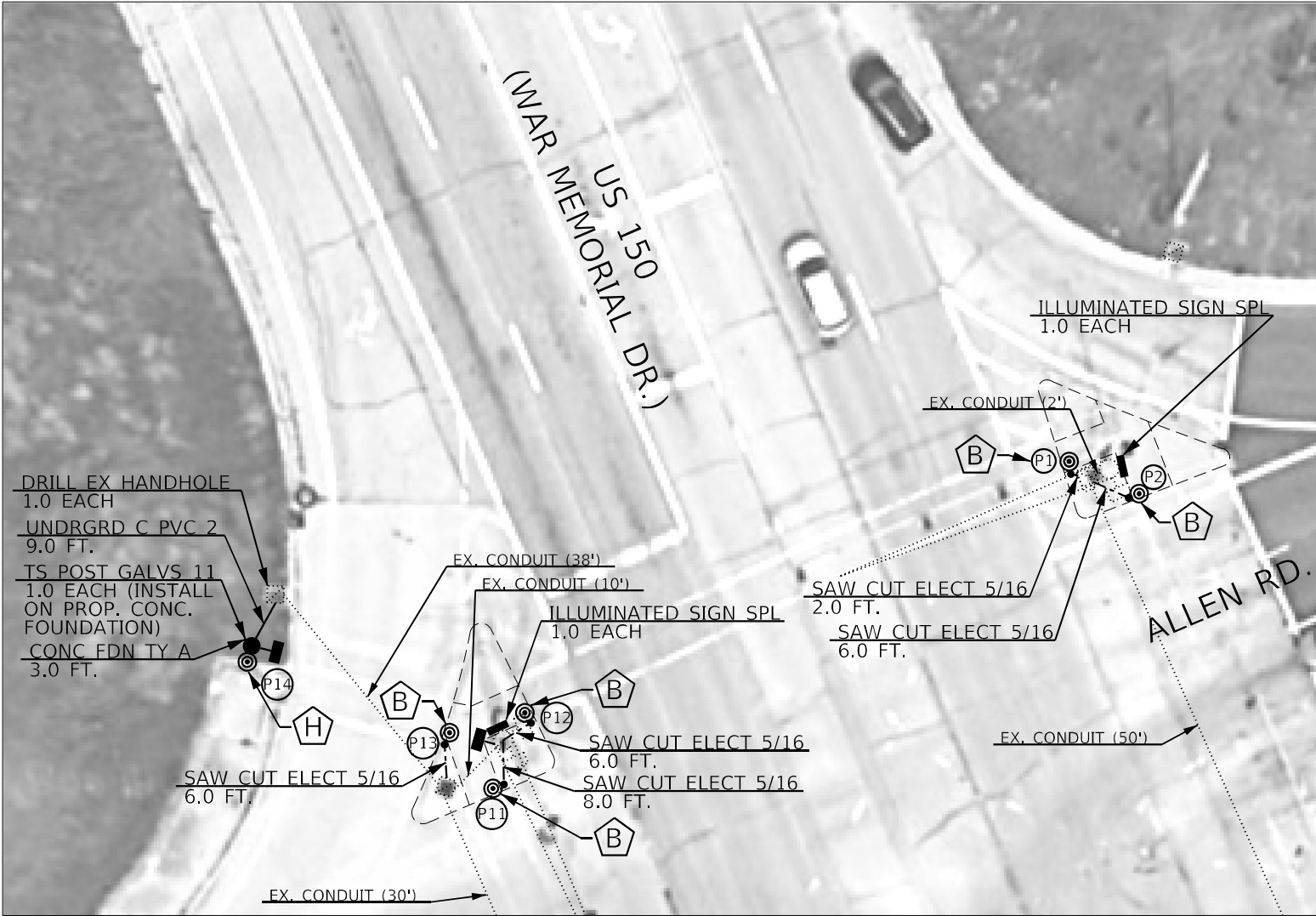


APS LEGEND

- 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



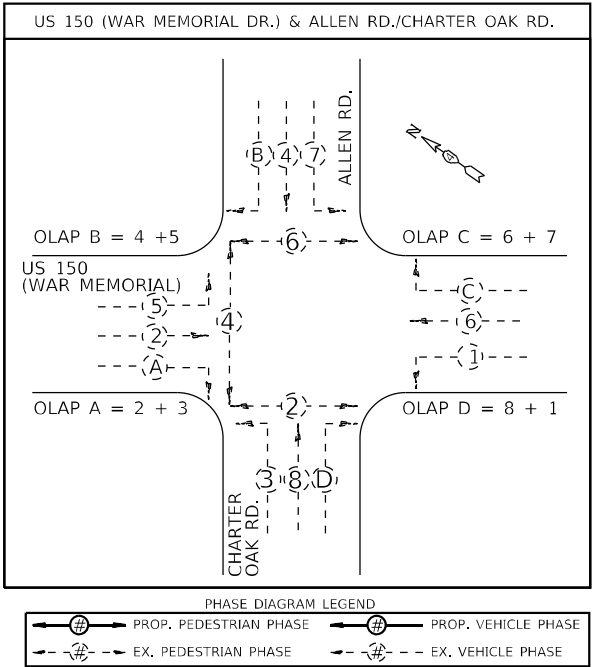


BILL OF MATERIALS		
US 150 (WAR MEMORIAL) & ALLEN/ CHARTER OAK		
ITEM DESCRIPTION	UNIT	QTY.
ACCESSIBLE PEDESTRIAN SIGNALS	EACH	14.0
PEDESTRIAN PUSH-BUTTON POST (NO FOUNDATION)	EACH	10.0
ANCHOR BOLT SET, 1/2 DIAMETER, WITH WEDGE ANCHORS	EACH	10.0
DRILL EXISTING HANDHOLE	EACH	3.0
THHN WIRE ENCASED IN PVC TUBE, NO. 19/27 AWG	FOOT	547.0
SAW CUT FOR ELECTRICAL CABLE INSTALLATION, 5/16"	FOOT	39.0
UNDERGROUND CONDUIT, PVC, 2" DIA.	FOOT	44.0
ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 3C	FOOT	1896.0
ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 5C	FOOT	1131.0
PEDESTRIAN SIGNAL HEAD, POLYCARBONATE, LED, 1-FACE, BRACKET MOUNTED WITH COUNT DOWN TIMER	EACH	6.0
TRAFFIC SIGNAL POST, GALVANIZED STEEL 11 FT.	EACH	3.0
CONCRETE FOUNDATION, TYPE A	FOOT	9.0
ELECTRIC CABLE IN CONDUIT, EQUIPMENT GROUNDING CONDUCTOR, NO. 6 1C	FOOT	81.5
ILLUMINATED SIGN (SPECIAL)	EACH	4.0

NOTE:  
1. 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.

APS SCHEDULE							
US 150 (WAR MEMORIAL) & ALLEN/ CHARTER OAK							
LABEL	LOCATION	INSTALLATION TYPE	MOUNTING BRACKET	CROSSING	WALK INDICATION	WIRING NOTES	NOTES
P1	SB RT ISLAND	PROP. PEDESTRIAN PUSH-BUTTON POST (NO FOUNDATION)	SINGLE	WAR MEMORIAL	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	SB RT ISLAND	PROP. PEDESTRIAN PUSH-BUTTON POST (NO FOUNDATION)	SINGLE	ALLEN	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	WB RT ISLAND	PROP. PEDESTRIAN PUSH-BUTTON POST (NO FOUNDATION)	SINGLE	ALLEN	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	WB RT ISLAND	PROP. PEDESTRIAN PUSH-BUTTON POST (NO FOUNDATION)	SINGLE	WAR MEMORIAL RIGHT TURN LANE	TONE	INSTALL NEW WIRE FROM APS TO CONTROLLER	PROP. SAW CUT FROM PROP. PUSHBUTTON POST TO EX. HANDHOLE
P5	WB RT ISLAND	PROP. PEDESTRIAN PUSH-BUTTON POST (NO FOUNDATION)	SINGLE	WAR MEMORIAL	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
P6	E QUAD	PROP. TS POST	SINGLE	WAR MEMORIAL RIGHT TURN LANE	TONE	INSTALL NEW WIRE FROM APS TO CONTROLLER	PROP. CONDUIT FROM PROP. TS POST TO EX. HANDHOLE
P7	NB RT ISLAND	EX. MAST ARM	SINGLE	WAR MEMORIAL	TONE	RE-USE EXISTING WIRE	
P8	NB RT ISLAND	PROP. PEDESTRIAN PUSH-BUTTON POST (NO FOUNDATION)	SINGLE	CHARTER OAK RIGHT TURN LANE	TONE	INSTALL NEW WIRE FROM APS TO CONTROLLER	PROP. SAW CUT FROM PROP. PUSHBUTTON POST TO EX. HANDHOLE
P9	NB RT ISLAND	PROP. PEDESTRIAN PUSH-BUTTON POST (NO FOUNDATION)	SINGLE	CHARTER OAK	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
P10	S QUAD	PROP. TS POST	SINGLE	CHARTER OAK RIGHT TURN LANE	TONE	INSTALL NEW WIRE FROM APS TO CONTROLLER	PROP. CONDUIT FROM PROP. TS POST TO EX. HANDHOLE
P11	EB RT ISLAND	PROP. PEDESTRIAN PUSH-BUTTON POST (NO FOUNDATION)	SINGLE	CHARTER OAK	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
P12	EB RT ISLAND	PROP. PEDESTRIAN PUSH-BUTTON POST (NO FOUNDATION)	SINGLE	WAR MEMORIAL	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
P13	EB RT ISLAND	PROP. PEDESTRIAN PUSH-BUTTON POST (NO FOUNDATION)	SINGLE	WAR MEMORIAL RIGHT TURN LANE	TONE	INSTALL NEW WIRE FROM APS TO CONTROLLER	PROP. SAW CUT FROM PROP. PUSHBUTTON POST TO EX. HANDHOLE
P14	W QUAD	PROP. TS POST	SINGLE	WAR MEMORIAL RIGHT TURN LANE	TONE	INSTALL NEW WIRE FROM APS TO CONTROLLER	PROP. CONDUIT FROM PROP. TS 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. SIDEWALK 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



PEORIA TOWNSHIP  
40.759912, -89.638508

USER NAME = trevor.hanson	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 23,8272' = 1" / in.	CHECKED -	REVISED -
PLOT DATE = 6/29/2023	DATE -	REVISED -

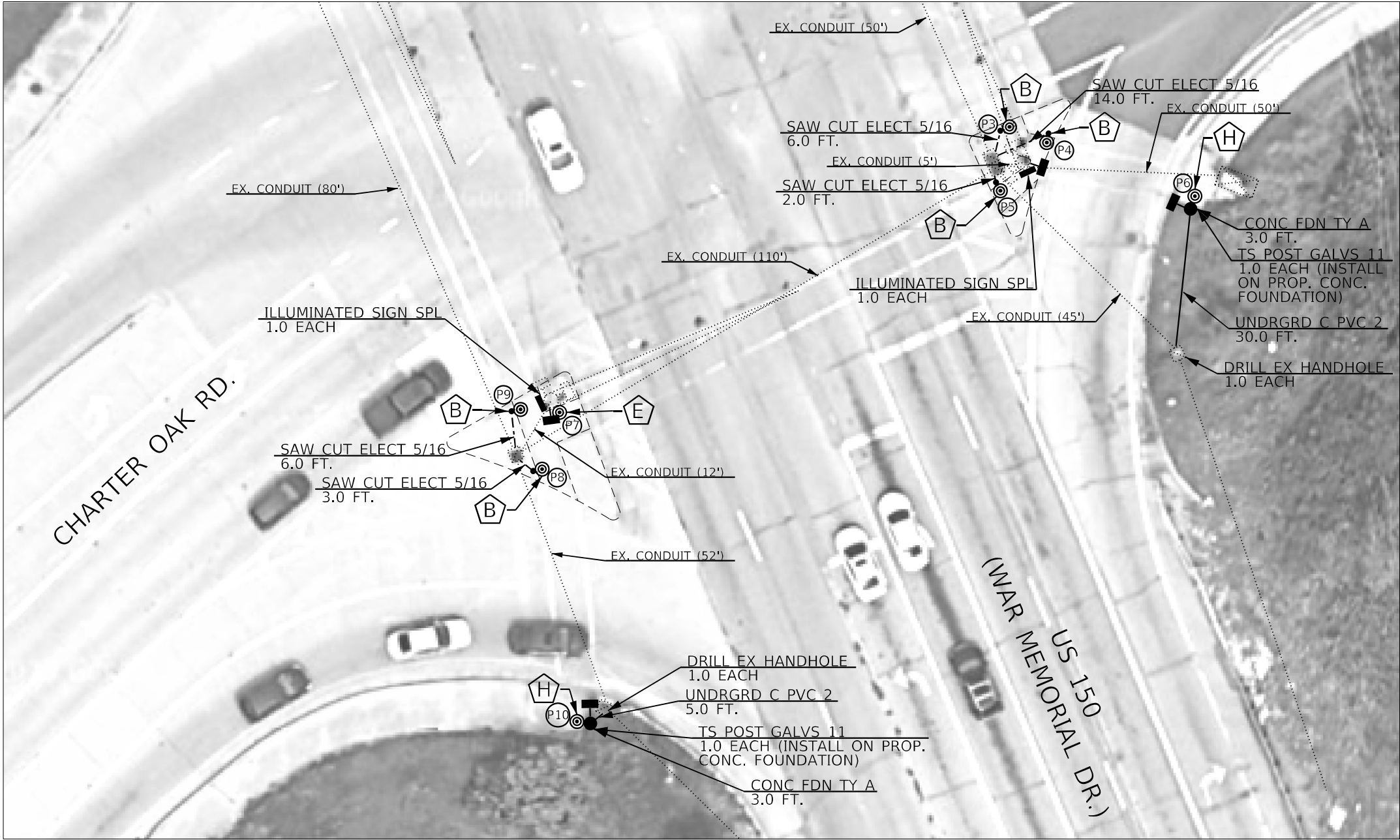
STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

PROPOSED ACCESSIBLE PEDESTRIAN SIGNALS (1 OF 2)  
US 150 & ALLEN RD./ CHARTER OAK RD. - PEORIA

SCALE: SHEET OF SHEETS STA. TO STA.

NOT TO SCALE					
F.A.P. RTE.	SECTION		COUNTY	TOTAL SHEETS	SHEET NO.
VAR.	D4 ADA PUSHBUTTONS 2024		PEORIA	80	45
			CONTRACT NO. 68H76		
		ILLINOIS	FED. AID PROJECT		

NOT TO SCALE



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

PEORIA TOWNSHIP  
40.759912, -89.638508

USER NAME = trevor.hanson	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 23,8272' +/-	CHECKED -	REVISED -
PLOT DATE = 6/29/2023	DATE -	REVISED -

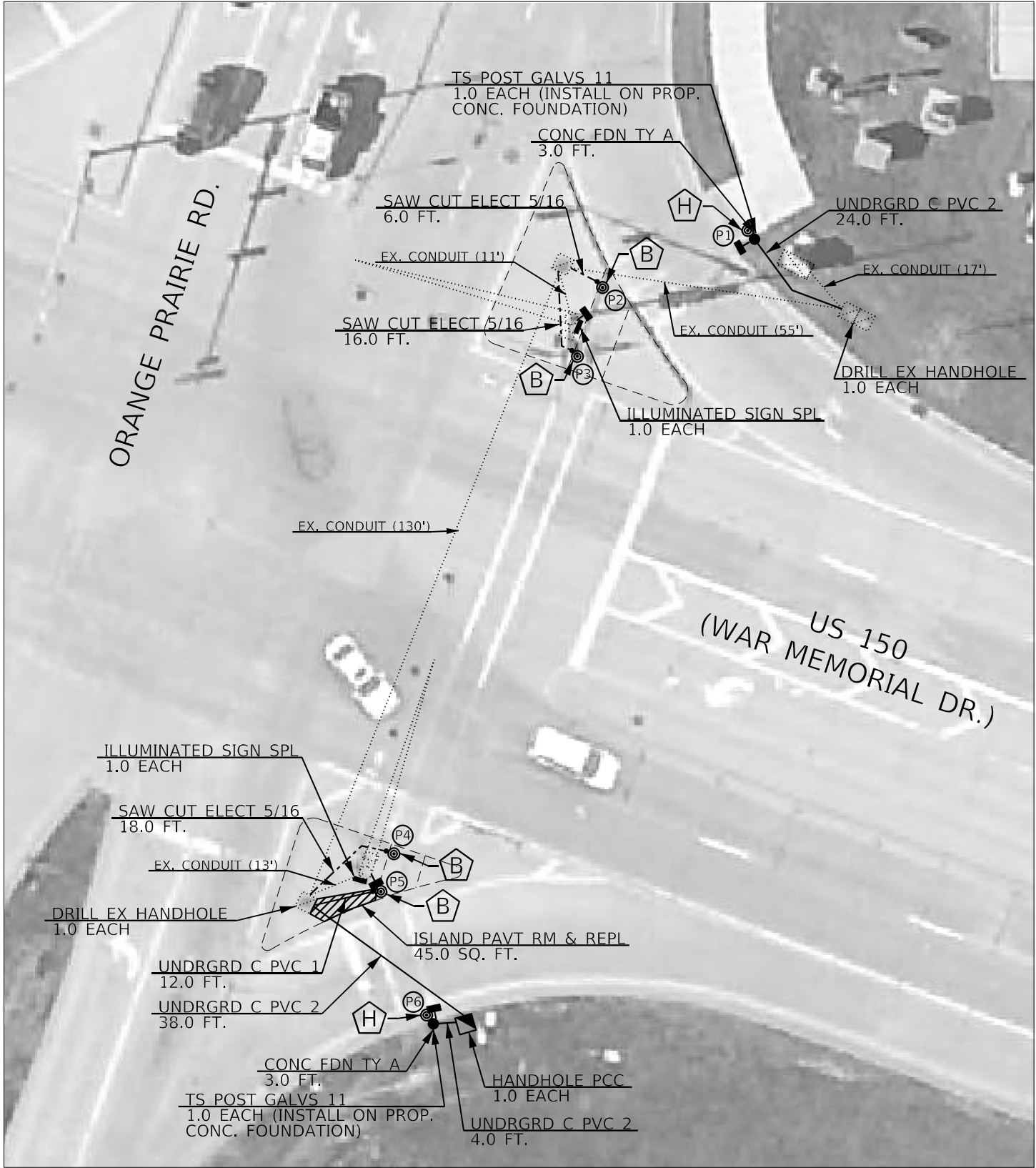
STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

PROPOSED ACCESSIBLE PEDESTRIAN SIGNALS (2 OF 2)  
US 150 & ALLEN RD./ CHARTER OAK RD. - PEORIA

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR.	D4 ADA PUSHBUTTONS 2024	PEORIA	80	46
CONTRACT NO. 68H76				
ILLINOIS FED. AID PROJECT				

MODEL: Default  
FILE NAME: S:\ENR\W\ORD\DESIGN\AN\hanson\#\_AP5\68H76 (Peoria APS) (Final 06-29-23).dgn



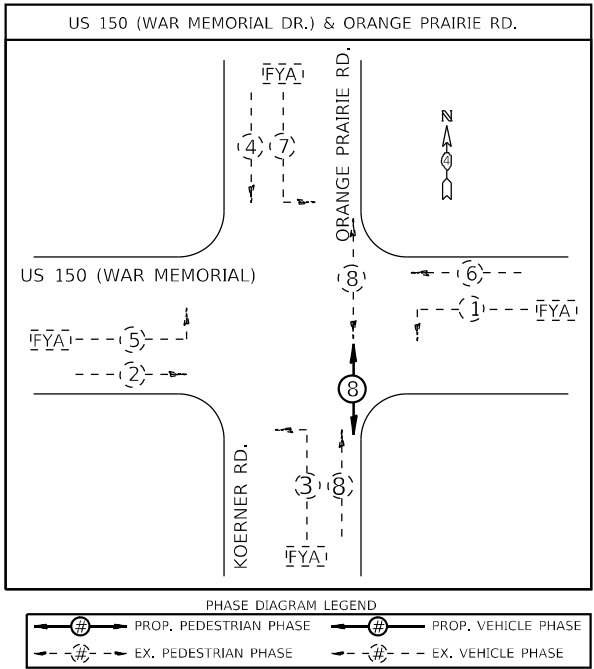
NOTE:  
1. THE CONTRACTOR SHALL INSTALL THE 3/C WIRE FOR THE ILLUMINATED SIGN (SPECIAL) ON A LOAD SWITCH IN THE CONTROLLER CABINET AS DIRECTED BY THE IDOT TRAFFIC ENGINEER.

PEORIA TOWNSHIP  
40.777957, -89.679115



BILL OF MATERIALS		
US 150 (WAR MEMORIAL) & ORANGE PRAIRIE		
ITEM DESCRIPTION	UNIT	QTY.
ACCESSIBLE PEDESTRIAN SIGNALS	EACH	6.0
PEDESTRIAN PUSH-BUTTON POST (NO FOUNDATION)	EACH	4.0
ANCHOR BOLT SET, 1/2 DIAMETER, WITH WEDGE ANCHORS	EACH	4.0
DRILL EXISTING HANDHOLE	EACH	2.0
THHN WIRE ENCASED IN PVC TUBE, NO. 19/27 AWG	FOOT	379.0
SAW CUT FOR ELECTRICAL CABLE INSTALLATION, 5/16"	FOOT	40.0
UNDERGROUND CONDUIT, PVC, 1" DIA.	FOOT	12.0
UNDERGROUND CONDUIT, PVC, 2" DIA.	FOOT	66.0
ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 3C	FOOT	991.0
ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 5C	FOOT	762.0
PEDESTRIAN SIGNAL HEAD, POLYCARBONATE, LED, 1-FACE, BRACKET MOUNTED WITH COUNT DOWN TIMER	EACH	4.0
TRAFFIC SIGNAL POST, GALVANIZED STEEL 11 FT.	EACH	2.0
CONCRETE FOUNDATION, TYPE A	FOOT	6.0
ELECTRIC CABLE IN CONDUIT, EQUIPMENT GROUNDING CONDUCTOR, NO. 6 1C	FOOT	110.5
ILLUMINATED SIGN (SPECIAL)	EACH	2.0
ISLAND PAVEMENT REMOVAL AND REPLACEMENT	SQ FT	45.0
HANDHOLE, PORTLAND CEMENT CONCRETE	EACH	1.0

APS SCHEDULE							
US 150 (WAR MEMORIAL) & ORANGE PRAIRIE							
LABEL	LOCATION	INSTALLATION TYPE	MOUNTING BRACKET	CROSSING	WALK INDICATION	WIRING NOTES	NOTES
P1	NE QUAD	PROP. TS POST	SINGLE	WAR MEMORIAL RIGHT TURN LANE	TONE	INSTALL NEW WIRE FROMAPS TO CONTROLLER	PROP. CONDUIT FROM PROP. TS POST TO EX. DOUBLE HANDHOLE
P2	WB RT ISLAND	PROP. PEDESTRIAN PUSHBUTTON POST	SINGLE	WAR MEMORIAL RIGHT TURN LANE	TONE	INSTALL NEW WIRE FROMAPS TO CONTROLLER	PROP. SAW CUT FROM PROP. PUSHBUTTON POST TO EX. HANDHOLE
P3	WB RT ISLAND	PROP. PEDESTRIAN PUSHBUTTON POST	SINGLE	WAR MEMORIAL	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	NB RT ISLAND	PROP. PEDESTRIAN PUSHBUTTON POST	SINGLE	WAR MEMORIAL	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	SINGLE	ORANGE PRAIRIE RIGHT TURN LANE	TONE	INSTALL NEW WIRE FROMAPS TO CONTROLLER	PROP. CONDUIT FROM PROP. PUSHBUTTON POST TO EX. HANDHOLE
P6	SW QUAD	PROP. TS POST	SINGLE	ORANGE PRAIRIE RIGHT TURN LANE	TONE	INSTALL NEW WIRE FROMAPS 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

NOT TO SCALE

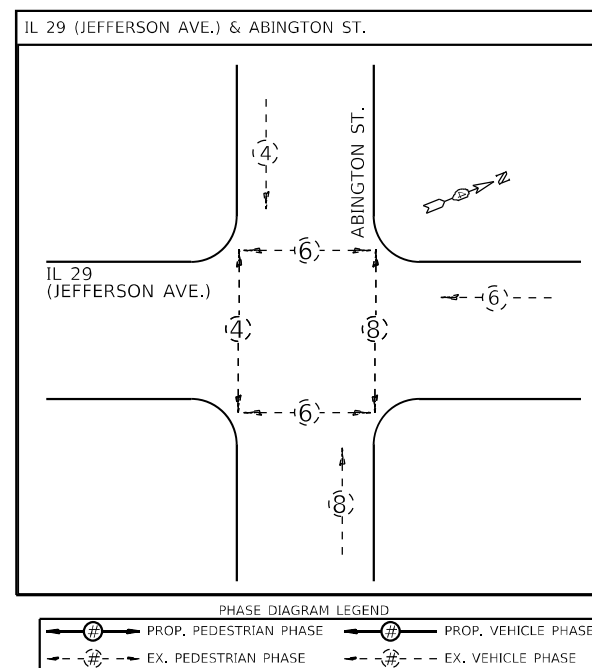
USER NAME	DESIGNED	REVIS	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PROPOSED ACCESSIBLE PEDESTRIAN SIGNALS US 150 (WAR MEMORIAL DR.) & ORANGE PRAIRIE RD. - PEORIA	SCALE:	SHEET OF SHEETS	STA. TO STA.	F.A.P. RTE. SECTION COUNTY TOTAL SHEETS SHEET NO.			
								VAR.	D4 ADA PUSHBUTTONS 2024	PEORIA	80 47
USER NAME = trevor.hanson	DESIGNED -	REVIS -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PROPOSED ACCESSIBLE PEDESTRIAN SIGNALS US 150 (WAR MEMORIAL DR.) & ORANGE PRAIRIE RD. - PEORIA	SCALE:	SHEET OF SHEETS	STA. TO STA.	CONTRACT NO. 68H76			
DRAWN -	CHECKED -	REVIS -						ILLINOIS FED. AID PROJECT			
PLOT SCALE = 23,8272' = 1" / in.	DATE -	REVIS -									
PLOT DATE = 6/29/2023											













BILL OF MATERIALS		
IL 29 (JEFFERSON) & ABINGTON		
ITEM DESCRIPTION	UNIT	QTY.
ACCESSIBLE PEDESTRIAN SIGNALS	EACH	8.0

APS SCHEDULE							
IL 29 (JEFFERSON) & ABINGTON							
LABEL	LOCATION	INSTALLATION TYPE	MOUNTING BRACKET	CROSSING	WALK INDICATION	WIRING NOTES	NOTES
P1	N QUAD	EX. PEDESTRIAN	DUAL	JEFFERSON	SPEECH	RE-USE EXISTING WIRE	
P2	N QUAD	PUSHBUTTON POST	DUAL	ABINGTON	SPEECH		
P3	E QUAD	EX. TS POST	DUAL	ABINGTON	SPEECH	RE-USE EXISTING WIRE	
P4	E QUAD		DUAL	JEFFERSON	SPEECH		
P5	S QUAD	EX. PEDESTRIAN	DUAL	JEFFERSON	SPEECH	RE-USE EXISTING WIRE	
P6	S QUAD	PUSHBUTTON POST	DUAL	ABINGTON	SPEECH		
P7	W QUAD	EX. PEDESTRIAN	DUAL	ABINGTON	SPEECH	RE-USE EXISTING WIRE	
P8	W QUAD	PUSHBUTTON POST	DUAL	JEFFERSON	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

FILE NAME: S:\	USER NAME = trevor.hanson	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PROPOSED ACCESSIBLE PEDESTRIAN SIGNALS IL 29 (JEFFERSON ST.) & ABINGTON ST. - PEORIA				F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		DRAWN -	REVISED -						VAR.	D4 ADA PUSHBUTTONS 2024	PEORIA	80	48
	PLOT SCALE = 23,8272' ± / in.	CHECKED -	REVISED -						CONTRACT NO. 68H76				
	PLOT DATE = 6/29/2023	DATE -	REVISED -		SCALE:	SHEET	OF	SHEETS	STA.	TO STA.			
											ILLINOIS	FED. AID PROJECT	

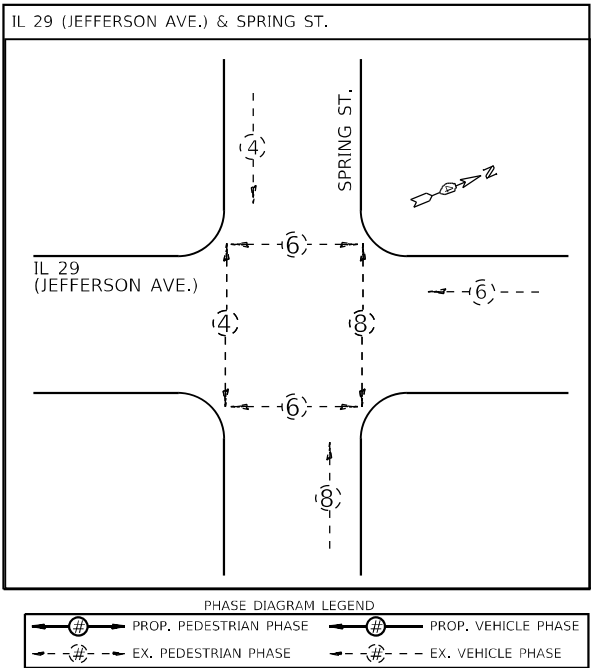


PEORIA TOWNSHIP  
40.701908, -89.575919



BILL OF MATERIALS		
IL 29 (JEFFERSON) & SPRING		
ITEM DESCRIPTION	UNIT	QTY.
ACCESSIBLE PEDESTRIAN SIGNALS	EACH	8.0

APS SCHEDULE							
IL 29 (JEFFERSON) & SPRING							
LABEL	LOCATION	INSTALLATION TYPE	MOUNTING BRACKET	CROSSING	WALK INDICATION	WIRING NOTES	NOTES
P1	N QUAD	EX. TS POST	DUAL	SPRING	SPEECH	RE-USE EXISTING WIRE	
P2	N QUAD		DUAL	JEFFERSON	SPEECH		
P3	E QUAD	EX. TS POST	DUAL	JEFFERSON	SPEECH	RE-USE EXISTING WIRE	
P4	E QUAD		DUAL	SPRING	SPEECH		
P5	S QUAD	EX. TS POST	DUAL	SPRING	SPEECH	RE-USE EXISTING WIRE	
P6	S QUAD		DUAL	JEFFERSON	SPEECH		
P7	W QUAD	EX. TS POST	DUAL	JEFFERSON	SPEECH	RE-USE EXISTING WIRE	
P8	W QUAD		DUAL	SPRING	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

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

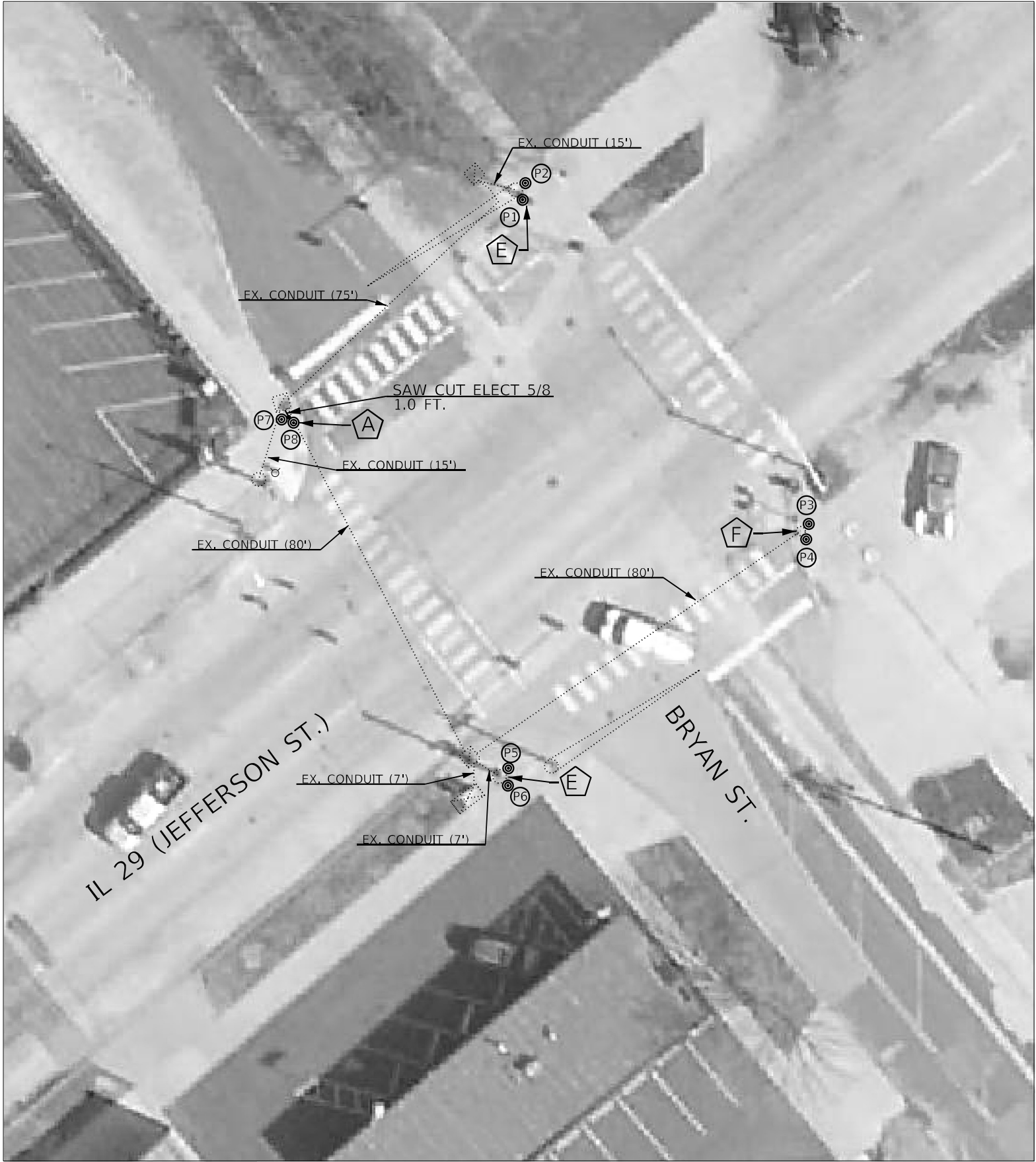
PROPOSED ACCESSIBLE PEDESTRIAN SIGNALS  
IL 29 (JEFFERSON ST.) & SPRING ST. - PEORIA

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR.	D4 ADA PUSHBUTTONS 2024	PEORIA	80	49
CONTRACT NO. 68H76				
ILLINOIS FED. AID PROJECT				

NOT TO SCALE

MODEL: Default  
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PROJECT: IL 29 (JEFFERSON ST.) & BRYAN ST. - PEORIA  
DATE: 6/29/2023

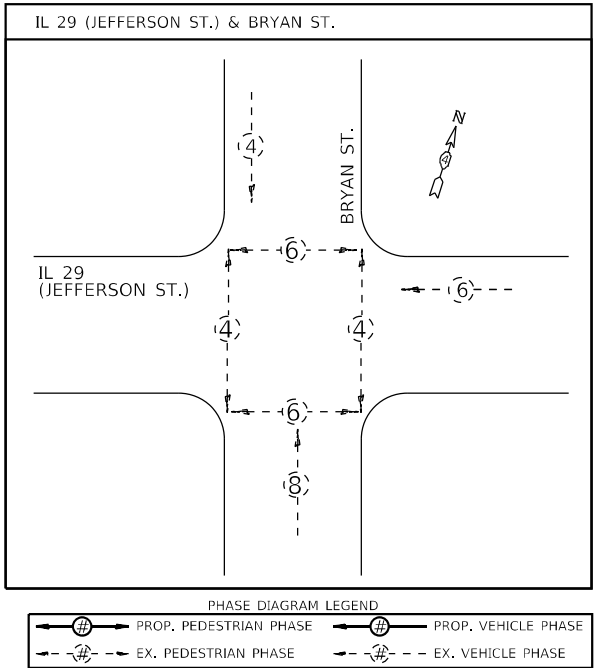


PEORIA TOWNSHIP  
40.695697, -89.585811



BILL OF MATERIALS		
IL 29 (JEFFERSON) & BRYAN		
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
THHN WIRE ENCASED IN PVC TUBE, NO. 19/27 AWG	FOOT	126.0
SAW CUT FOR ELECTRICAL CABLE INSTALLATION, 5/8"	FOOT	1.0

APSSCHEDULE							
IL 29 (JEFFERSON) & BRYAN							
LABEL	LOCATION	INSTALLATION TYPE	MOUNTING BRACKET	CROSSING	WALK INDICATION	WIRING NOTES	NOTES
P1	N QUAD	EX. MAST ARM	DUAL	BRYAN	SPEECH	INSTALL NEW WIRE FROM APS TO CONTROLLER	
P2	N QUAD		DUAL	JEFFERSON	SPEECH		
P3	E QUAD	EX. TS POST	DUAL	JEFFERSON	SPEECH	INSTALL NEW WIRE FROM APS TO CONTROLLER	
P4	E QUAD		DUAL	BRYAN	SPEECH		
P5	S QUAD	EX. MAST ARM	DUAL	JEFFERSON	SPEECH	INSTALL NEW WIRE FROM APS TO CONTROLLER	
P6	S QUAD		DUAL	BRYAN	SPEECH		
P7	W QUAD	PROP. PEDESTRIAN PUSH-BUTTON POST (NO FOUNDATION)	DUAL	JEFFERSON	SPEECH	INSTALL NEW WIRE FROM APS TO CONTROLLER	PROP. SAW CUT FROM PROP. PUSHBUTTON POST TO EX. HANDHOLE
P8	W QUAD		DUAL	BRYAN	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

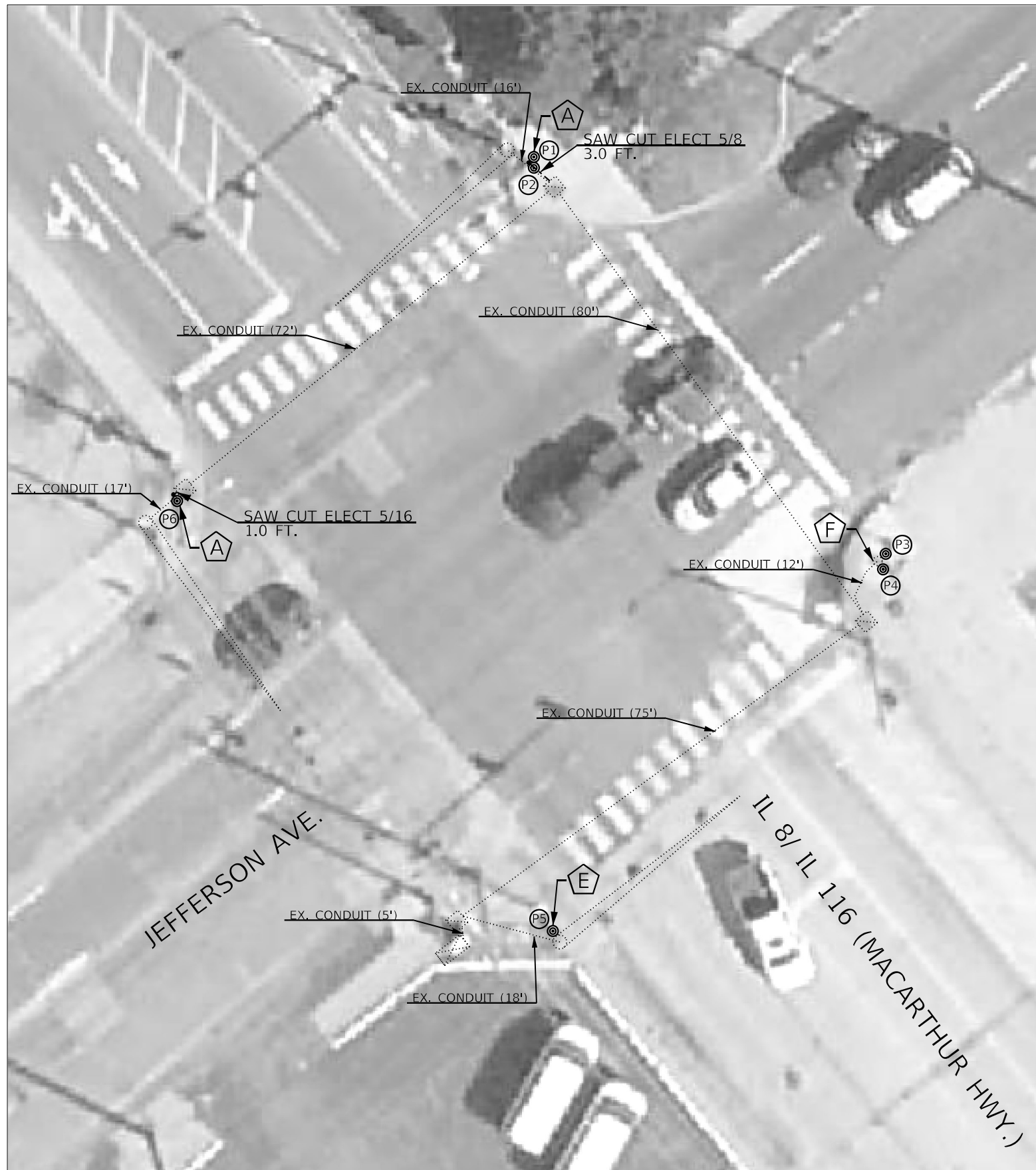
NOT TO SCALE

STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION				PROPOSED ACCESSIBLE PEDESTRIAN SIGNALS IL 29 (JEFFERSON ST.) & BRYAN ST. - PEORIA				F.A.P. RTE. SECTION COUNTY TOTAL SHEETS SHEET NO.			
PEORIA TOWNSHIP 40.695697, -89.585811				SCALE: SHEET OF SHEETS STA. TO STA.				VAR. D4 ADA PUSHBUTTONS 2024 PEORIA 80 50			
USER NAME = trevor.hanson				DESIGNED -				ILLINOIS FED. AID PROJECT			
DRAWN -				REVISD -							
PLOT SCALE = 23,8272 * / in.				CHECKED -							
PLOT DATE = 6/29/2023				DATE -							
				REVISED -							
				REVISED -							
				REVISED -							



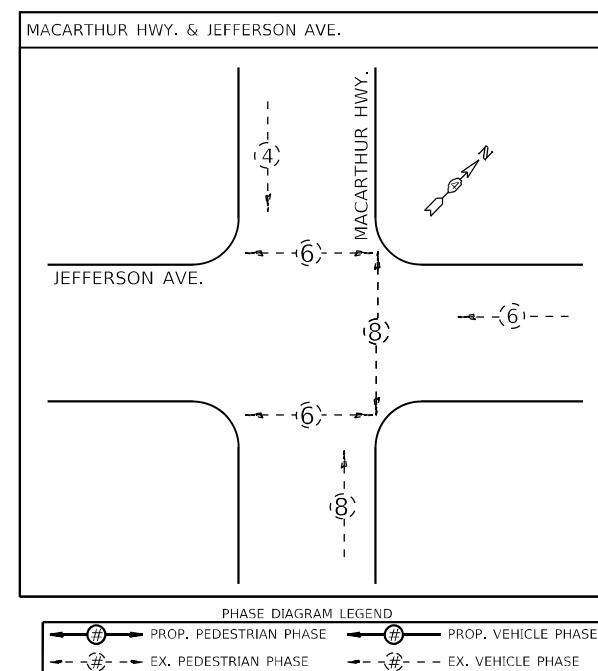






BILL OF MATERIALS		
IL 8/ IL 116 (MACARTHUR) & JEFFERSON		
ITEM DESCRIPTION	UNIT	QTY.
ACCESSIBLE PEDESTRIAN SIGNALS	EACH	6.0
PEDESTRIAN PUSH-BUTTON POST (NO FOUNDATION)	EACH	2.0
ANCHOR BOLT SET, 1/2 DIAMETER, WITH WEDGE ANCHORS	EACH	2.0
THHN WIRE ENCASED IN PVC TUBE, NO. 19/27 AWG	FOOT	102.5
SAW CUT FOR ELECTRICAL CABLE INSTALLATION, 5/16"	FOOT	1.0
SAW CUT FOR ELECTRICAL CABLE INSTALLATION, 5/8"	FOOT	3.0
ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 3C	FOOT	328.5
ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 5C	FOOT	324.5

APS SCHEDULE							
IL 8/ IL 116 (MACARTHUR) & JEFFERSON							
LABEL	LOCATION	INSTALLATION TYPE	MOUNTING BRACKET	CROSSING	WALK INDICATION	WIRING NOTES	NOTES
P1	N QUAD	PROP. PEDESTRIAN PUSH-BUTTON POST (NO FOUNDATION)	DUAL	JEFFERSON	SPEECH	INSTALL NEW WIRE FROM APS TO CONTROLLER	
P2	N QUAD		DUAL	MACARTHUR	SPEECH		
P3	E QUAD	EX. TS POST	DUAL	JEFFERSON	SPEECH	INSTALL NEW WIRE FROM APS TO CONTROLLER	
P4	E QUAD		DUAL	MACARTHUR	SPEECH		
P5	S QUAD	EX. MAST ARM	SINGLE	MACARTHUR	TONE	INSTALL NEW WIRE FROM APS TO CONTROLLER	
P6	W QUAD	PROP. PEDESTRIAN PUSH-BUTTON POST (NO FOUNDATION)	SINGLE	MACARTHUR	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**

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**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

PEORIA TOWNSHIP
40.682631, -89.606413

USER NAME = trevor,hanson	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 23,8272 ' / in.	CHECKED -	REVISED -
PLOT DATE = 6/29/2023	DATE -	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

PROPOSED ACCESSIBLE PEDESTRIAN SIGNALS  
IL 8/ IL 116 (MACARTHUR HWY.) & JEFFERSON AVE. - 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	PEORIA	80	53
CONTRACT NO. 68H76				

NOT TO SCALE





Model: Default  
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AP5168176 (Peoria APS) (Final 06-29-23).dgn



PEORIA TOWNSHIP  
40.697477, -89.591061

NOTE:  
THE CONTRACTOR SHALL INSTALL APS PUSHBUTTON P6 AS SHOWN IN THE PLANS.

USER NAME = trevor.hanson	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 23,827.2' / in.	CHECKED -	REVISED -
PLOT DATE = 6/29/2023	DATE -	REVISED -

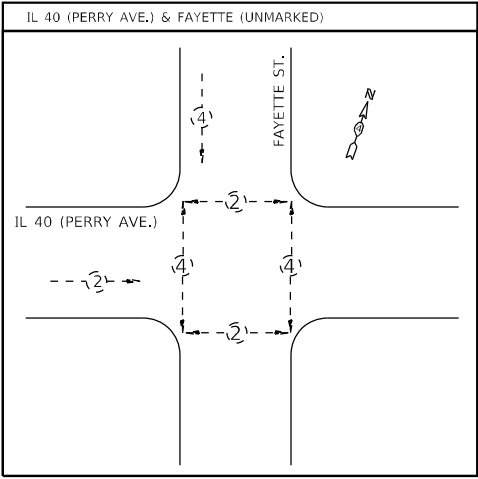
STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

PROPOSED ACCESSIBLE PEDESTRIAN SIGNALS IL 40 (PERRY AVE.) & FAYETTE ST. - PEORIA			
SCALE:	SHEET	OF	SHEETS
STA.	TO	STA.	

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR.	D4 ADA PUSHBUTTONS 2024	PEORIA	80	55
CONTRACT NO. 68H76				
ILLINOIS FED. AID PROJECT				

BILL OF MATERIALS		
IL 40 (PERRY) & FAYETTE		
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
THHN WIRE ENCASED IN PVC TUBE, NO. 19/27 AWG	FOOT	184.0
SAW CUT FOR ELECTRICAL CABLE INSTALLATION, 5/8"	FOOT	16.0

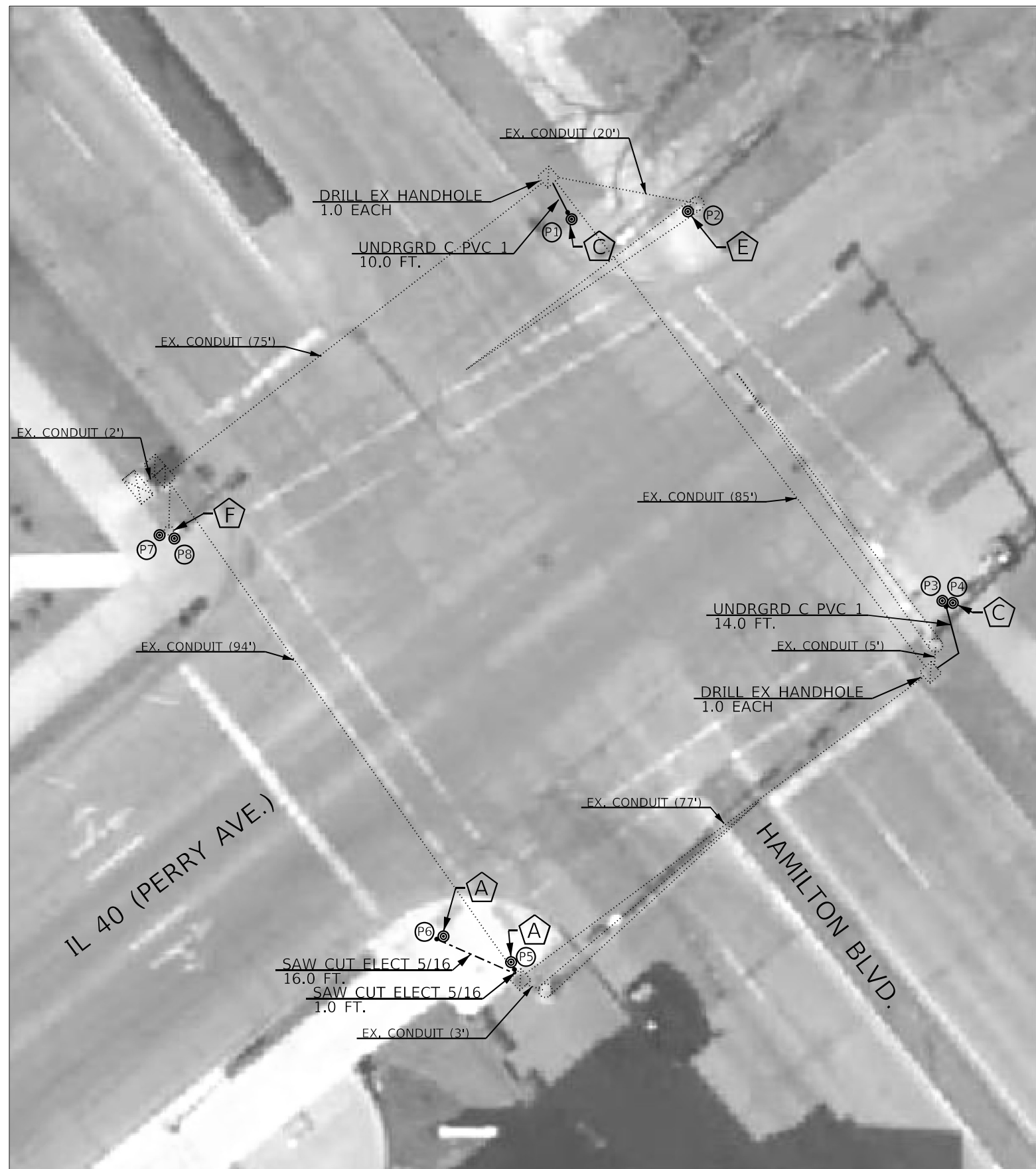
APS SCHEDULE							
IL 40 (PERRY) & FAYETTE							
LABEL	LOCATION	INSTALLATION TYPE	MOUNTING BRACKET	CROSSING	WALK INDICATION	WIRING NOTES	NOTES
P1	N QUAD	PROP. PEDESTRIAN PUSHBUTTON POST (NO FOUNDATION)	DUAL	PERRY	SPEECH	INSTALL NEW WIRE FROM APS TO CONTROLLER	PROP. SAW CUT FROM PROP. PUSHBUTTON POST TO EX. DOUBLE HANDHOLE
P2	N QUAD		DUAL	FAYETTE	SPEECH		
P3	E QUAD	EX. TS POST	DUAL	PERRY	SPEECH	RE-USE EXISTING WIRE	
P4	E QUAD		DUAL	FAYETTE	SPEECH		
P5	S QUAD	EX. MAST ARM	DUAL	FAYETTE	SPEECH	RE-USE EXISTING WIRE	
P6	S QUAD		DUAL	PERRY	SPEECH		
P7	W QUAD	EX. TS POST	DUAL	FAYETTE	SPEECH	RE-USE EXISTING WIRE	
P8	W QUAD		DUAL	PERRY	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

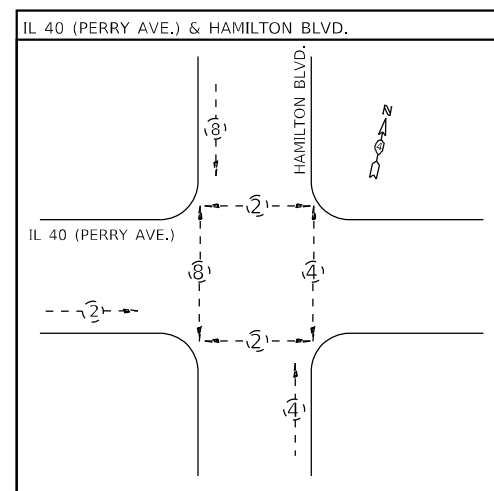
NOT TO SCALE











BILL OF MATERIALS		
IL 40 (PERRY) & HAMILTON		
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	108.0
SAW CUT FOR ELECTRICAL CABLE INSTALLATION, 5/16"	FOOT	17.0
DRILL EXISTING HANDHOLE	EACH	2.0
UNDERGROUND CONDUIT, PVC, 1" DIA.	FOOT	24.0
ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 3C	FOOT	463.0

NOTES:  
1. THE CONTRACTOR SHALL DRILL THE EXISTING CURB TO ACCOMMODATE THE INSTALLATION OF THE PROPOSED CONDUIT AND PROPOSED PEDESTRIAN PUSH-BUTTON POST (NO FOUNDATION). THE COST OF THIS WORK WILL NOT BE PAID FOR SEPARATELY, BUT SHALL BE INCLUDED IN THE COST OF THE PROPOSED PEDESTRIAN PUSH-BUTTON POST (NO FOUNDATION).

APS SCHEDULE							
IL 40 (PERRY) & HAMILTON							
LABEL	LOCATION	INSTALLATION TYPE	MOUNTING BRACKET	CROSSING	WALK INDICATION	WIRING NOTES	NOTES
P1	N QUAD	PROP. PEDESTRIAN PUSHBUTTON POST (NO FOUNDATION)	SINGLE	HAMILTON	TONE	INSTALL NEW WIRE FROM APS TO CONTROLLER	PROP. CONDUIT FROM PROP. PUSHBUTTON POST TO EX. HANDHOLE
P2	N QUAD	EX. MAST ARM	SINGLE	PERRY	TONE	RE-USE EXISTING WIRE	
P3	E QUAD	PROP. PEDESTRIAN PUSHBUTTON POST (NO FOUNDATION)	DUAL	HAMILTON	SPEECH	INSTALL NEW WIRE FROM APS TO CONTROLLER	PROP. CONDUIT FROM PROP. PUSHBUTTON POST TO EX. HANDHOLE
P4	E QUAD		DUAL	PERRY	SPEECH		
P5	S QUAD	PROP. PEDESTRIAN PUSHBUTTON POST (NO FOUNDATION)	SINGLE	HAMILTON	TONE	INSTALL NEW WIRE FROM APS TO CONTROLLER	PROP. SAW CUT FROM PROP. PUSHBUTTON POST TO EX. HANDHOLE
P6	S QUAD	PROP. PEDESTRIAN PUSHBUTTON POST (NO FOUNDATION)	SINGLE	PERRY	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	W QUAD		DUAL	PERRY	SPEECH	RE-USE EXISTING WIRE	
P8	W QUAD		EX. TS POST	DUAL	HAMILTON	SPEECH	INSTALL NEW WIRE FROM APS TO CONTROLLER



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

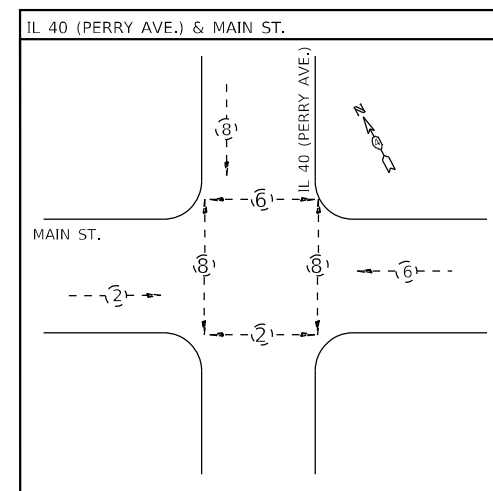
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		DRAWN -	REVISED -						VAR.	D4 ADA PUSHBUTTONS 2024	PEORIA	80	56		
	PLOT SCALE = 23,9272 " / ft.	CHECKED -	REVISED -						CONTRACT NO. 68H76						
	PLOT DATE = 6/29/2023	DATE -	REVISED -		SCALE:	SHEET	OF	SHEETS	STA.	TO STA.					
											ILLINOIS FED. AID PROJECT				













BILL OF MATERIALS		
IL 40 (PERRY) & MAIN		
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
THHN WIRE ENCASED IN PVC TUBE, NO. 19/27 AWG	FOOT	313.0
SAW CUT FOR ELECTRICAL CABLE INSTALLATION, 5/16"	FOOT	55.0
ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 3C	FOOT	459.0

APS SCHEDULE							
IL 40 (PERRY) & MAIN							
LABEL	LOCATION	INSTALLATION TYPE	MOUNTING BRACKET	CROSSING	WALK INDICATION	WIRING NOTES	NOTES
P1	N QUAD	PROP. PEDESTRIAN PUSHBUTTON POST (NO FOUNDATION)	SINGLE	MAIN	TONE	INSTALL NEW WIRE FROM APS TO CONTROLLER	PROP. SAW CUT FROM PROP. PUSHBUTTON POST TO EX. HANDHOLE
P2	N QUAD	PROP. PEDESTRIAN PUSHBUTTON POST (NO FOUNDATION)	SINGLE	PERRY	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	E QUAD	EX. MAST ARM	SINGLE	PERRY	TONE	RE-USE EXISTING WIRE	
P4	E QUAD	PROP. PEDESTRIAN PUSHBUTTON POST (NO FOUNDATION)	SINGLE	MAIN	TONE	INSTALL NEW WIRE FROM APS TO CONTROLLER	PROP. SAW CUT FROM PROP. PUSHBUTTON POST TO EX. HANDHOLE
P5	S QUAD	PROP. PEDESTRIAN PUSHBUTTON POST (NO FOUNDATION)	SINGLE	MAIN	TONE	INSTALL NEW WIRE FROM APS TO CONTROLLER	PROP. SAW CUT FROM PROP. PUSHBUTTON POST TO EX. MAST ARM
P6	S QUAD	PROP. PEDESTRIAN PUSHBUTTON POST (NO FOUNDATION)	SINGLE	PERRY	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
P7	W QUAD	EX. TS POST	SINGLE	PERRY	TONE	RE-USE EXISTING WIRE	
P8	W QUAD	PROP. PEDESTRIAN PUSHBUTTON POST (NO FOUNDATION)	SINGLE	MAIN	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

USER NAME = trevor.hanson	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 23.8272 ' / in.	CHECKED -	REVISED -
PLOT DATE = 6/29/2023	DATE -	REVISED -

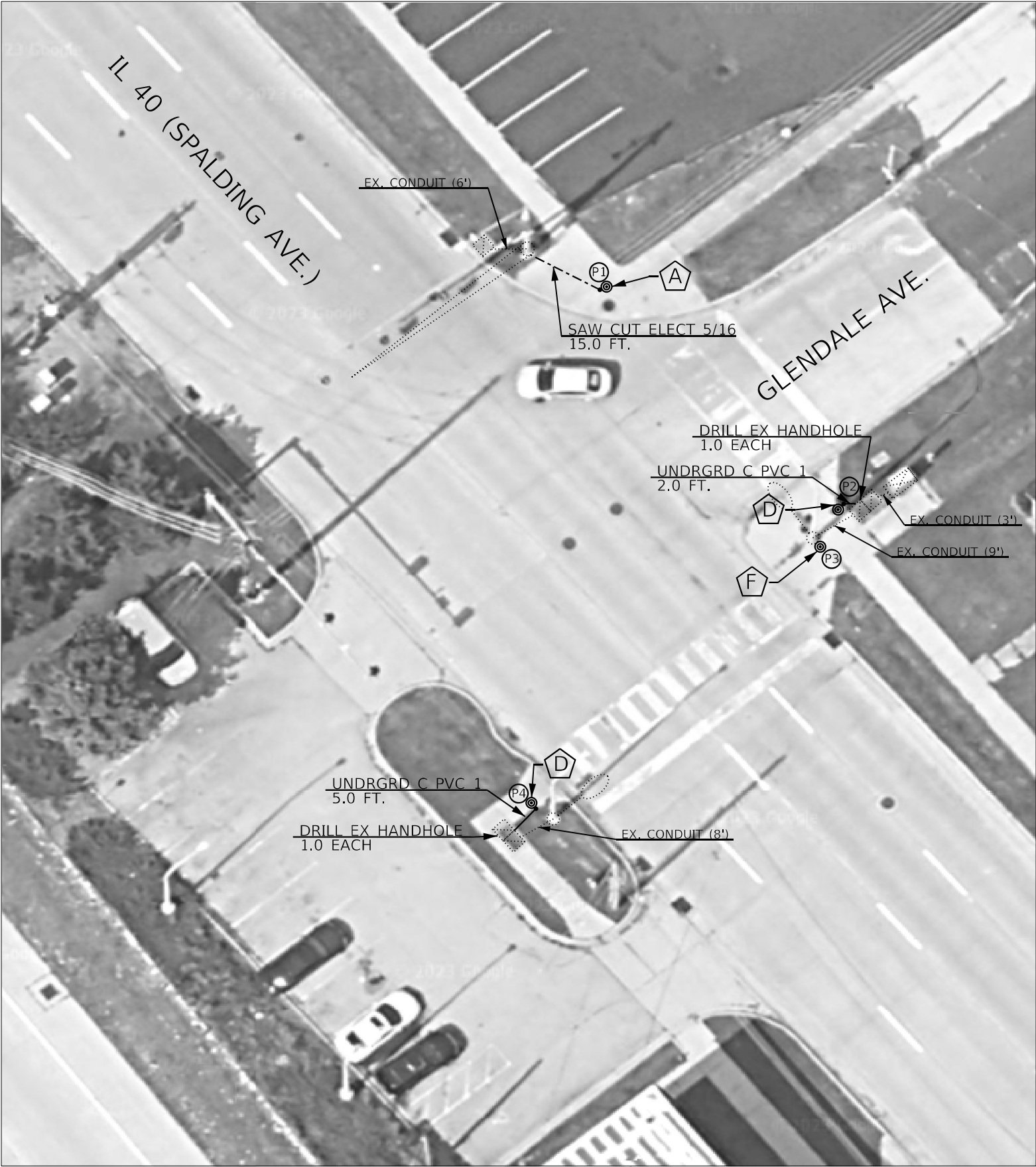
**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

## PROPOSED ACCESSIBLE PEDESTRIAN SIGNALS IL 40 (PERRY AVE.) & MAIN ST. - PEORIA

SCALE:	SHEET	OF	SHEETS	STA.	TO STA.
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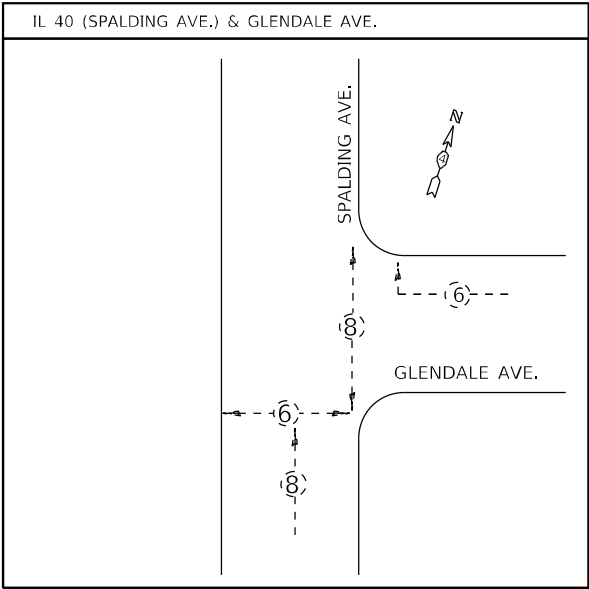
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR.	D4 ADA PUSHBUTTONS 2024	PEORIA	80	57
		CONTRACT NO. 68H76		
ILLINOIS		FED. AID PROJECT		

NOT TO SCALE



BILL OF MATERIALS		
IL 40 (SPALDING) & GLENDALE		
ITEM DESCRIPTION	UNIT	QTY.
ACCESSIBLE PEDESTRIAN SIGNALS	EACH	4.0
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
THHN WIRE ENCASED IN PVC TUBE, NO. 19/27 AWG	FOOT	48.0
SAW CUT FOR ELECTRICAL CABLE INSTALLATION, 5/16"	FOOT	15.0
ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 3C	FOOT	27.0
DRILL EXISTING HANDHOLE	EACH	2.0
UNDERGROUND CONDUIT, PVC, 1" DIA.	FOOT	7.0

APS SCHEDULE							
IL 40 (SPALDING) & GLENDALE							
LABEL	LOCATION	INSTALLATION TYPE	MOUNTING BRACKET	CROSSING	WALK INDICATION	WIRING NOTES	NOTES
P1	N QUAD	PROP. PEDESTRIAN PUSHBUTTON POST (NO FOUNDATION)	SINGLE	GLENDALE	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
P2	E QUAD	PROP. PEDESTRIAN PUSHBUTTON POST (NO FOUNDATION)	SINGLE	GLENDALE	SPEECH	INSTALL NEW WIRE FROM APS TO CONTROLLER	PROP. CONDUIT FROM PROP. PUSHBUTTON POST TO EX. DOUBLE HANDHOLE
P3	E QUAD	EX. LIGHT POLE	SINGLE	SPALDING	SPEECH	RE-USE EXISTING WIRE	
P4	S QUAD	PROP. PEDESTRIAN PUSHBUTTON POST (NO FOUNDATION)	SINGLE	SPALDING	TONE	RE-USE EXISTING WIRE (INSTALL IN PROP. CONDUIT)	PROP. CONDUIT 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

PEORIA TOWNSHIP  
40.699074, -89.590805

NOTE:  
THE CONTRACTOR SHALL INSTALL APS PUSHBUTTON P3 AS SHOWN IN THE PLANS.

USER NAME = trevor.hanson	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 23,8272' = 1" / in.	CHECKED -	REVISED -
PLOT DATE = 6/29/2023	DATE -	REVISED -

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

PROPOSED ACCESSIBLE PEDESTRIAN SIGNALS  
IL 40 (SPALDING AVE.) & GLENDALE AVE. - PEORIA

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR.	D4 ADA PUSHBUTTONS 2024	PEORIA	80	58
CONTRACT NO. 68H76				
ILLINOIS		FED. AID PROJECT		

NOT TO SCALE

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AP5168176 (Revised APS) (Final 06-29-23).dgn



PEORIA TOWNSHIP  
40.697370, -89.593448

NOTE:  
THE CONTRACTOR SHALL INSTALL APS PUSHBUTTON P7 AS SHOWN IN THE PLANS.

USER NAME = trevor.hanson	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 23,8272' = 1" / in.	CHECKED -	REVISED -
PLOT DATE = 6/29/2023	DATE -	REVISED -

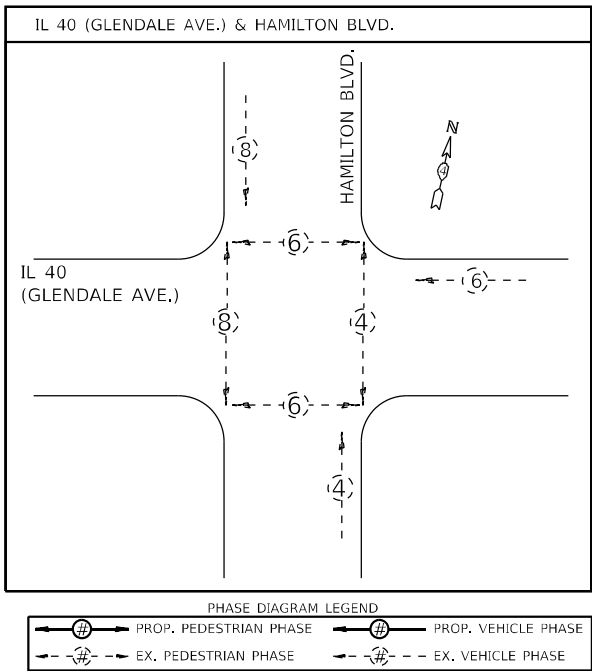
STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

PROPOSED ACCESSIBLE PEDESTRIAN SIGNALS  
IL 40 (GLENDALE AVE.) & HAMILTON BLVD. - PEORIA

SCALE: SHEET OF SHEETS STA. TO STA.

BILL OF MATERIALS		
IL 40 (GLENDALE) & HAMILTON		
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
THHN WIRE ENCASED IN PVC TUBE, NO. 19/27 AWG	FOOT	80.0
SAW CUT FOR ELECTRICAL CABLE INSTALLATION, 5/8"	FOOT	11.0
DRILL EXISTING HANDHOLE	EACH	2.0
UNDERGROUND CONDUIT, PVC, 1" DIA.	FOOT	17.0

APS SCHEDULE							
IL 40 (GLENDALE) & HAMILTON							
LABEL	LOCATION	INSTALLATION TYPE	MOUNTING BRACKET	CROSSING	WALK INDICATION	WIRING NOTES	NOTES
P1	N QUAD	PROP. PEDESTRIAN PUSHBUTTON POST (NO FOUNDATION)	DUAL	GLENDALE	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
P2	N QUAD		DUAL	HAMILTON	SPEECH		
P3	E QUAD	EX. LIGHT POLE	DUAL	HAMILTON	SPEECH	RE-USE EXISTING WIRE	
P4	E QUAD		DUAL	GLENDALE	SPEECH		
P5	S QUAD	PROP. PEDESTRIAN PUSHBUTTON POST	DUAL	HAMILTON	SPEECH	RE-USE EXISTING WIRE (INSTALL IN PROP. CONDUIT)	PROP. CONDUIT FROM PROP. PUSHBUTTON POST TO EX. DOUBLE HANDHOLE
P6	S QUAD		DUAL	GLENDALE	SPEECH		
P7	W QUAD	EX. MAST ARM	SINGLE	GLENDALE	SPEECH	RE-USE EXISTING WIRE	
P8	W QUAD	PROP. PEDESTRIAN PUSHBUTTON POST	SINGLE	HAMILTON	SPEECH	RE-USE EXISTING WIRE (INSTALL IN PROP. CONDUIT)	PROP. CONDUIT FROM PROP. PUSHBUTTON POST TO EX. MAST ARM



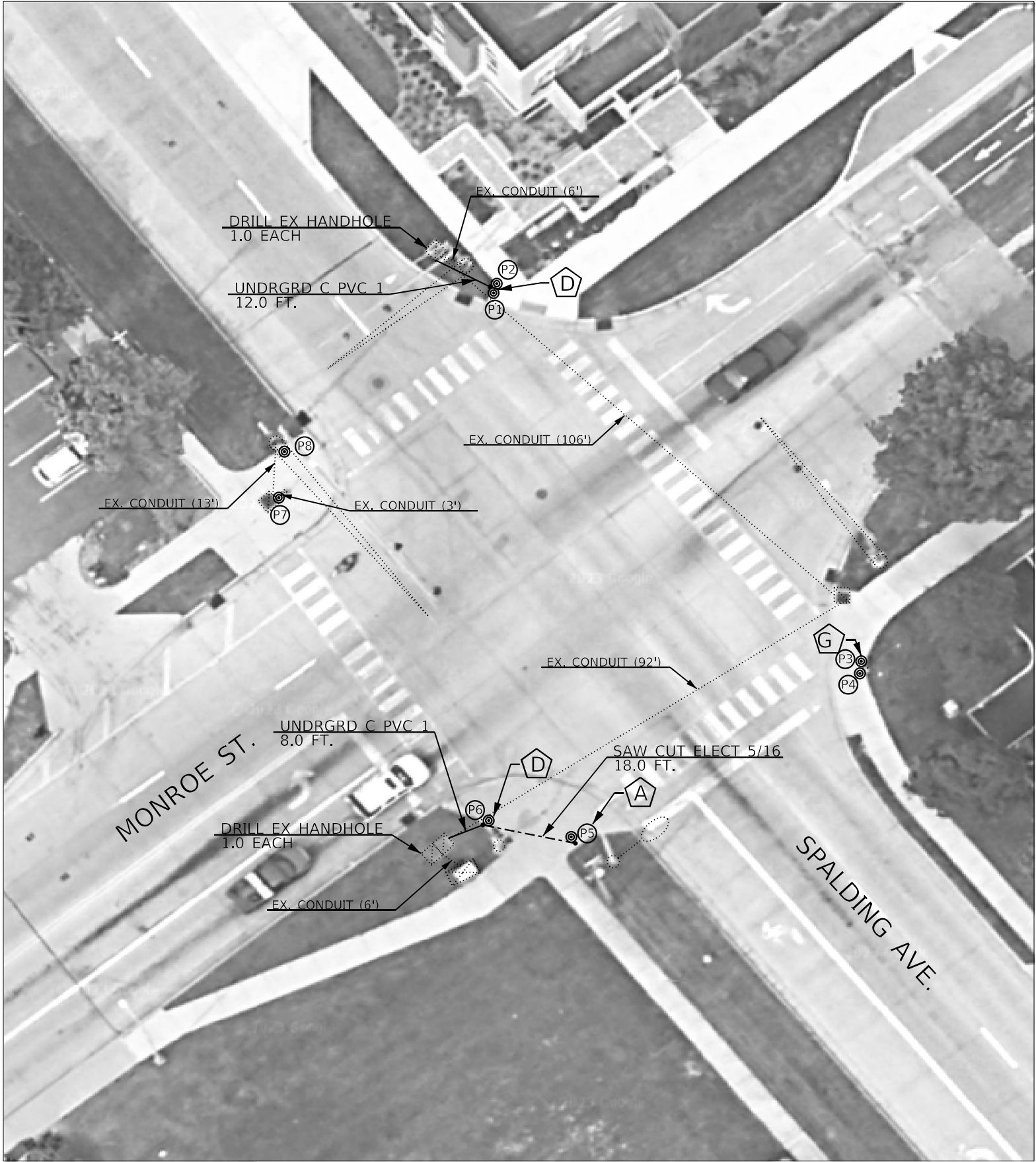
APS LEGEND	
A	PROP. APS INSTALLED ON PROP. PEDESTRIAN PUSHBUTTON POST (NO FOUNDATION) ON EX. SIDEWALK, WITH ANCHOR BOLT SET, 1/2 DIAMETER, WITH WEDGE ANCHORS
B	PROP. APS INSTALLED ON PROP. PEDESTRIAN PUSHBUTTON POST (NO FOUNDATION) ON EX. ISLAND SURFACE, WITH ANCHOR BOLT SET, 1/2 DIAMETER, WITH WEDGE 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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR.	D4 ADA PUSHBUTTONS 2024	PEORIA	80	59
				CONTRACT NO. 68H76
		ILLINOIS	FED. AID PROJECT	



MODEL: Default  
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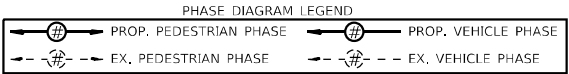
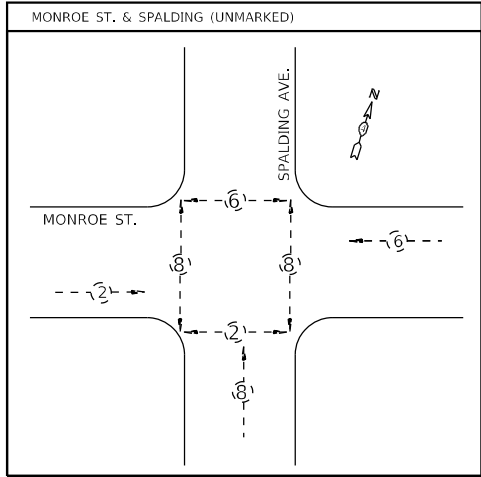


PEORIA TOWNSHIP  
40.696939, -89.589029



BILL OF MATERIALS		
SPALDING & MONROE		
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
THHN WIRE ENCASED IN PVC TUBE, NO. 19/27 AWG	FOOT	54.0
SAW CUT FOR ELECTRICAL CABLE INSTALLATION, 5/16"	FOOT	18.0
DRILL EXISTING HANDHOLE	EACH	2.0
UNDERGROUND CONDUIT, PVC, 1" DIA.	FOOT	20.0
ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 5C	FOOT	39.0

APS SCHEDULE							
SPALDING & MONROE							
LABEL	LOCATION	INSTALLATION TYPE	MOUNTING BRACKET	CROSSING	WALK INDICATION	WIRING NOTES	NOTES
P1	N QUAD	PROP. PEDESTRIAN PUSHBUTTON POST	DUAL	SPALDING	SPEECH	RE-USE EXISTING WIRE (INSTALL IN PROP. CONDUIT)	PROP. CONDUIT FROM PROP. PUSHBUTTON POST TO EX. HANDHOLE
P2	N QUAD	PUSHBUTTON POST	DUAL	MONROE	SPEECH		
P3	E QUAD	EX. PEDESTRIAN PUSHBUTTON POST	DUAL	SPALDING	SPEECH	RE-USE EXISTING WIRE	
P4	E QUAD	PUSHBUTTON POST	DUAL	MONROE	SPEECH		
P5	S QUAD	PROP. PEDESTRIAN PUSHBUTTON POST (NO FOUNDATION)	SINGLE	SPALDING	TONE	INSTALL NEW WIRE FROM APS TO CONTROLLER	PROP. SAW CUT FROM PROP. PUSHBUTTON POST TO PROP. PUSHBUTTON POST
P6	S QUAD	PROP. PEDESTRIAN PUSHBUTTON POST	SINGLE	MONROE	TONE	RE-USE EXISTING WIRE (INSTALL IN PROP. CONDUIT)	PROP. CONDUIT FROM PROP. PUSHBUTTON POST TO EX. DOUBLE HANDHOLE
P7	W QUAD	EX. PEDESTRIAN PUSHBUTTON POST	SINGLE	MONROE	SPEECH	RE-USE EXISTING WIRE	
P8	W QUAD	EX. MAST ARM	SINGLE	SPALDING	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.janson	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PROPOSED ACCESSIBLE PEDESTRIAN SIGNALS MONROE ST. & SPALDING AVE. - PEORIA				F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		DRAWN -	REVISED -						VAR.	D4 ADA PUSHBUTTONS 2024	PEORIA	80	60
	PLOT SCALE = 23,8272 ' / in.	CHECKED -	REVISED -		CONTRACT NO. 68H76								
	PLOT DATE = 6/29/2023	DATE -	REVISED -		SCALE:	SHEET	OF	SHEETS	STA.	TO	STA.		

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DRAWN: 6/29/2023  
DATE: 6/29/2023

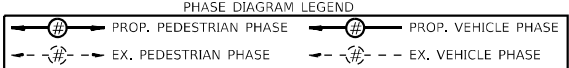
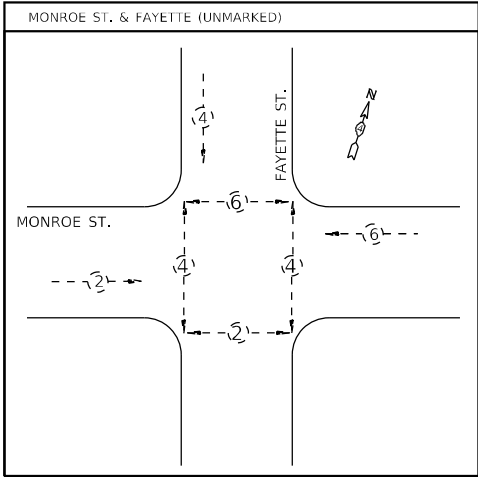


PEORIA TOWNSHIP  
40.696350, -89.590386



BILL OF MATERIALS		
FAYETTE & MONROE		
ITEM DESCRIPTION	UNIT	QTY.
ACCESSIBLE PEDESTRIAN SIGNALS	EACH	8.0

APS SCHEDULE FAYETTE & MONROE							
LABEL	LOCATION	INSTALLATION TYPE	MOUNTING BRACKET	CROSSING	WALK INDICATION	WIRING NOTES	NOTES
P1	NE QJAD	EX. TS POST	DUAL	MONROE	SPEECH	RE-USE EXISTING WIRE	
P2	NE QJAD		DUAL	FAYETTE	SPEECH		
P3	SE QUAD	EX. MAST ARM	DUAL	FAYETTE	SPEECH	RE-USE EXISTING WIRE	
P4	SE QUAD		DUAL	MONROE	SPEECH		
P5	SW QUAD	EX. MAST ARM	DUAL	FAYETTE	SPEECH	RE-USE EXISTING WIRE	
P6	SW QUAD		DUAL	MONROE	SPEECH		
P7	NW QUAD	EX. PEDESTRIAN PUSHBUTTON POST	DUAL	FAYETTE	SPEECH	RE-USE EXISTING WIRE	
P8	NW QUAD		DUAL	MONROE	SPEECH		



APS LEGEND

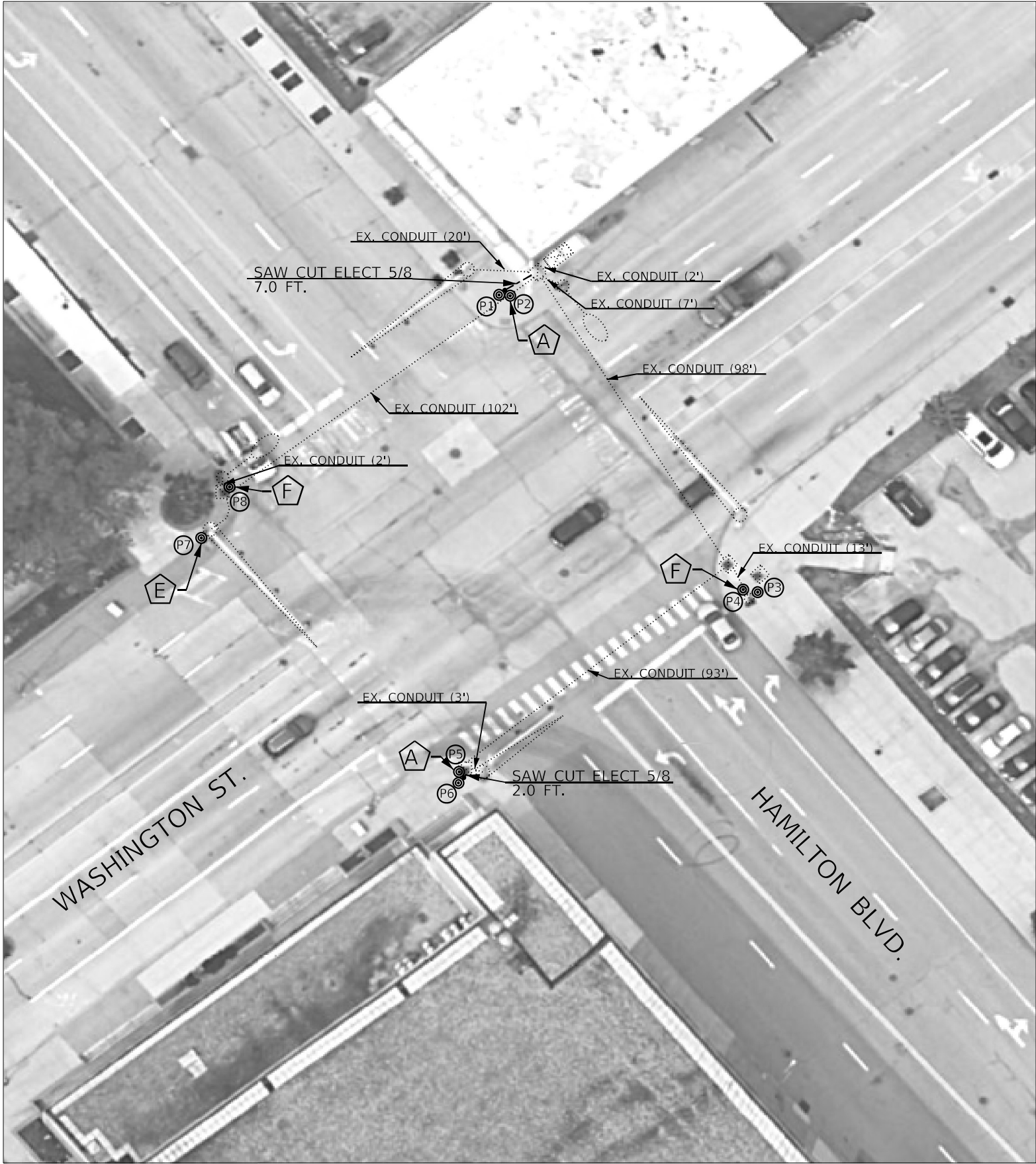
- A** PROP. APS INSTALLED ON PROP. PEDESTRIAN PUSHBUTTON POST (NO FOUNDATION) ON EX. SIDEWALK, WITH ANCHOR BOLT SET, 1/2 DIAMETER, WITH WEDGE ANCHORS
- B** PROP. APS INSTALLED ON PROP. PEDESTRIAN PUSHBUTTON POST (NO FOUNDATION) ON EX. ISLAND SURFACE, WITH ANCHOR BOLT SET, 1/2 DIAMETER, WITH WEDGE ANCHORS
- 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 MONROE ST. & FAYETTE ST. - PEORIA				NOT TO SCALE			
SCALE:				SHEET OF SHEETS STA. TO STA.				F.A.P. RTE. SECTION COUNTY TOTAL SHEETS SHEET NO.			
VAR.				D4 ADA PUSHBUTTONS 2024				PEORIA 80 61			
								CONTRACT NO. 68H76			
								ILLINOIS FED. AID PROJECT			

USER NAME = trevor.hanson	DESIGNED -	REVISED -
DRAWN -	REVISOR -	
PLOT SCALE = 23,8272' = 1" / in.	CHECKED -	REVISED -
PLOT DATE = 6/29/2023	DATE -	REVISED -

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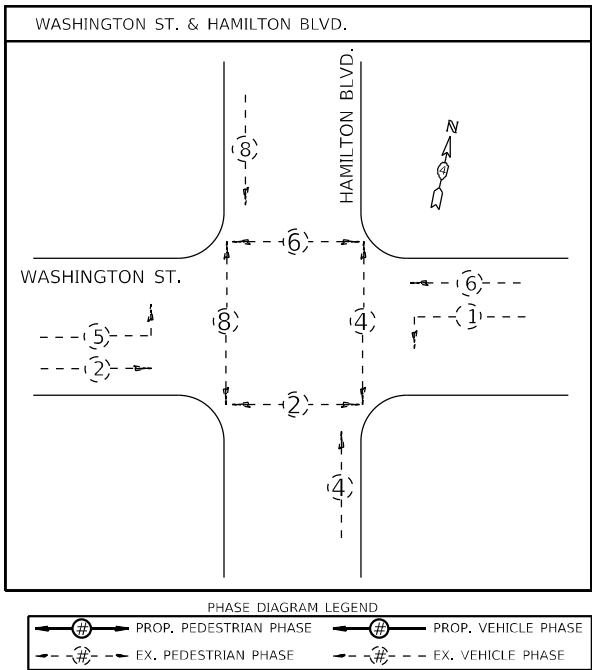


PEORIA TOWNSHIP  
40.691865, -89.587119



BILL OF MATERIALS		
WASHINGTON & HAMILTON		
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	180.0
SAW CUT FOR ELECTRICAL CABLE INSTALLATION, 5/16"	FOOT	2.0
SAW CUT FOR ELECTRICAL CABLE INSTALLATION, 5/8"	FOOT	7.0
ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 3C	FOOT	501.5

APS SCHEDULE							
WASHINGTON & HAMILTON							
LABEL	LOCATION	INSTALLATION TYPE	MOUNTING BRACKET	CROSSING	WALK INDICATION	WIRING NOTES	NOTES
P1	NE QUAD	PROP. PEDESTRIAN PUSH-BUTTON POST (NO FOUNDATION)	DUAL	WASHINGTON	SPEECH	INSTALL NEW WIRE FROM APS TO CONTROLLER	PROP. SAW CUT FROM PROP. PUSHBUTTON POST TO EX. HANDHOLE
P2	NE QUAD		DUAL	HAMILTON	SPEECH		
P3	SE QUAD	EX. TS POST	DUAL	WASHINGTON	SPEECH	INSTALL NEW WIRE FROM APS TO CONTROLLER	
P4	SE QUAD		DUAL	HAMILTON	SPEECH		
P5	SW QUAD	PROP. PEDESTRIAN PUSH-BUTTON POST (NO FOUNDATION)	DUAL	HAMILTON	SPEECH	INSTALL NEW WIRE FROM APS TO CONTROLLER	PROP. SAW CUT FROM PROP. PUSHBUTTON POST TO EX. HANDHOLE
P6	SW QUAD	EX. MAST ARM	SINGLE	WASHINGTON	TOPE	RE-USE EXISTING WIRE	
P7	NW QUAD	EX. LIGHT POLE	SINGLE	HAMILTON	TOPE	INSTALL NEW WIRE FROM APS TO CONTROLLER	



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 WASHINGTON ST. & HAMILTON BLVD. - PEORIA				F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		DRAWN -	REVISED -						VAR.	D4 ADA PUSHBUTTONS 2024	PEORIA	80	62
	PLOT SCALE = 23,8272' = 1 in.	CHECKED -	REVISED -		CONTRACT NO. 68H76								
	PLOT DATE = 6/29/2023	DATE -	REVISED -										



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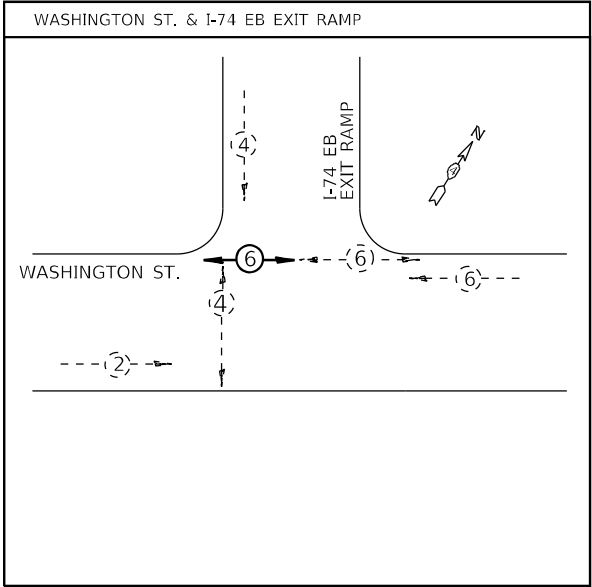
PEORIA TOWNSHIP  
40.692537, -89.585833



BILL OF MATERIALS		
WASHINGTON & I-74 EB EXIT RAMP		
ITEM DESCRIPTION	UNIT	QTY.
ACCESSIBLE PEDESTRIAN SIGNALS	EACH	6.0
PEDESTRIAN PUSH-BUTTON POST	EACH	1.0
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	74.0
SAW CUT FOR ELECTRICAL CABLE INSTALLATION, 5/8"	FOOT	1.0
DRILL EXISTING HANDHOLE	EACH	2.0
UNDERGROUND CONDUIT, PVC, 1" DIA.	FOOT	10.0
UNDERGROUND CONDUIT, PVC, 2" DIA.	FOOT	70.0
ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 3C	FOOT	212.0
ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 5C	FOOT	229.0
PORTLAND CEMENT CONCRETE SIDEWALK 4 INCH	SQ FT	19.0
SIDEWALK REMOVAL	SQ FT	24.0
ELECTRIC CABLE IN CONDUIT, EQUIPMENT GROUNDING CONDUCTOR, NO. 6 1C	FOOT	82.5
TRAFFIC SIGNAL POST, GALVANIZED STEEL 11 FT.	EACH	1.0
CONCRETE FOUNDATION, TYPE A	FOOT	3.0
PEDESTRIAN SIGNAL HEAD, POLYCARBONATE, LED, 1-FACE, BRACKET MOUNTED WITH COUNT DOWN TIMER	EACH	2.0
ISLAND PAVEMENT REMOVAL AND REPLACEMENT	SQ FT	45.0

NOTE:  
1. 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.

APS SCHEDULE							
WASHINGTON & I-74 EB EXIT RAMP							
LABEL	LOCATION	INSTALLATION TYPE	MOUNTING BRACKET	CROSSING	WALK INDICATION	WIRING NOTES	NOTES
P1	NE QUAD	PROP. PEDESTRIAN PUSHBUTTON POST	SINGLE	I-74 RAMP	TONE	RE-USE EXIST'NG WIRE (INSTALL IN PROP. CONDUIT)	PROP. CONDUIT FROM PROP. PUSHBUTTON POST TO EX. DOUBLE HANDHOLE
P2	SB RT ISLAND	PROP. PEDESTRIAN PUSH-BUTTON 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
P3	SB RT ISLAND	PROP. PEDESTRIAN PUSH-BUTTON POST (NO FOUNDATION)	DUAL	I-74 RAMP	SPEECH		
P4	SB RT ISLAND	PROP. PEDESTRIAN PUSH-BUTTON POST (NO FOUNDATION)	SINGLE	I-74 RAMP RIGHT TURN LANE	SPEECH	INSTALL NEW WIRE FROM APS TO CONTROLLER	PROP. CONDUIT FROM PROP. PUSHBUTTON POST TO EX. HANDHOLE
P5	SW QUAD	EX. TS POST	SINGLE	WASHINGTON	TONE	RE-USE EXISTING WIRE	
P6	NW QUAD	PROP. TS POST	SINGLE	I-74 RAMP RIGHT TURN LANE	TONE	INSTALL NEW WIRE FROM APS TO CONTROLLER	PROP. CONDUIT FROM PROP. TS POST TO EX. HANDHOLE



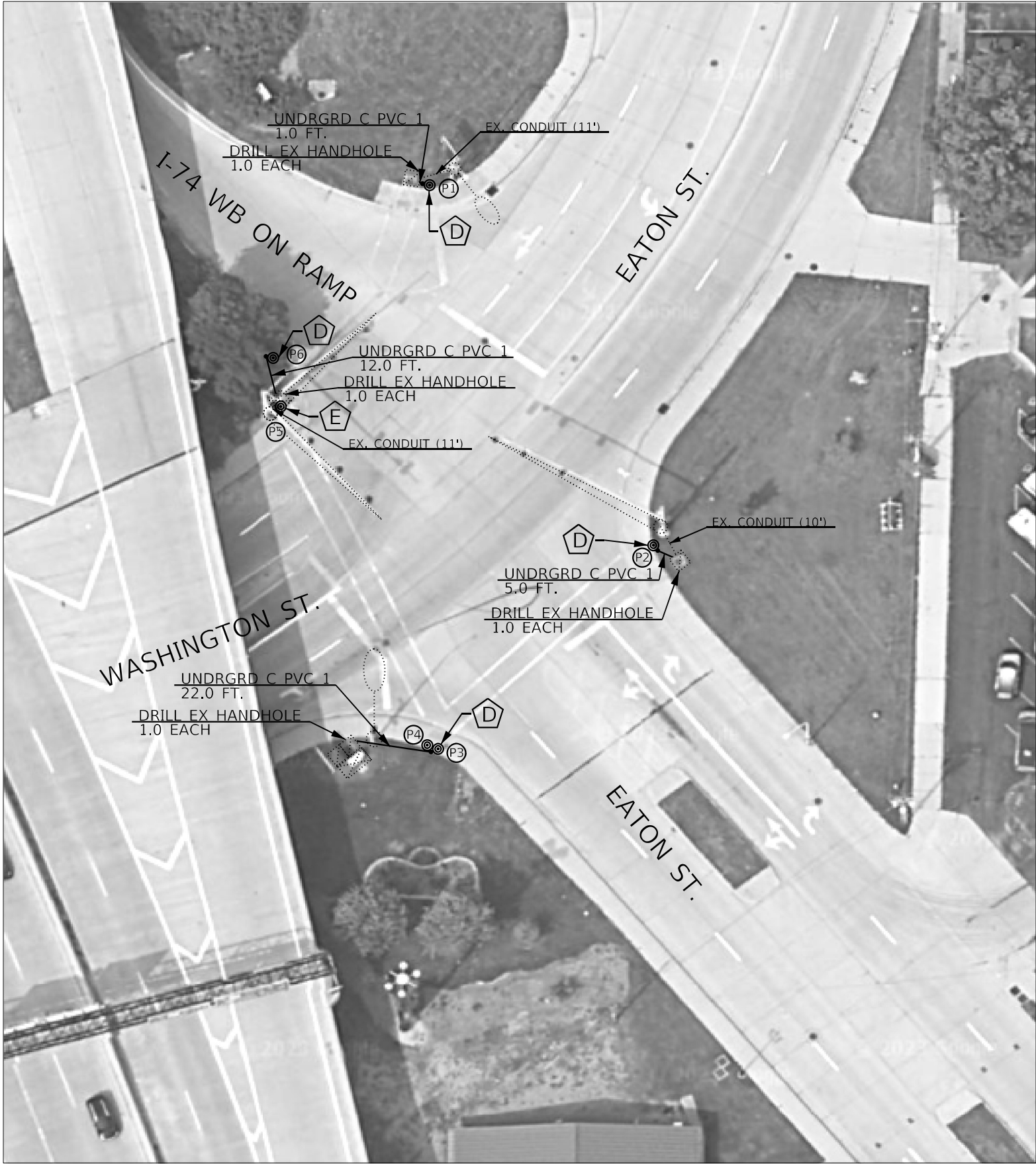
PHASE DIAGRAM LEGEND			
	PROP. PEDESTRIAN PHASE		PROP. VEHICLE PHASE
	EX. PEDESTRIAN PHASE		EX. VEHICLE PHASE

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

	USER NAME = trevor.janson	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PROPOSED ACCESSIBLE PEDESTRIAN SIGNALS WASHINGTON ST. & I-74 EB RAMP - PEORIA			F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		DRAWN -	REVISED -					VAR.	D4 ADA PUSHBUTTONS 2024	PEORIA	80	63
	PLOT SCALE = 23,8272 ' / in.	CHECKED -	REVISED -		CONTRACT NO. 68H76							
	PLOT DATE = 6/29/2023	DATE -	REVISED -		SCALE:	SHEET	OF	SHEETS	STA.	TO	STA.	

MODEL: Default  
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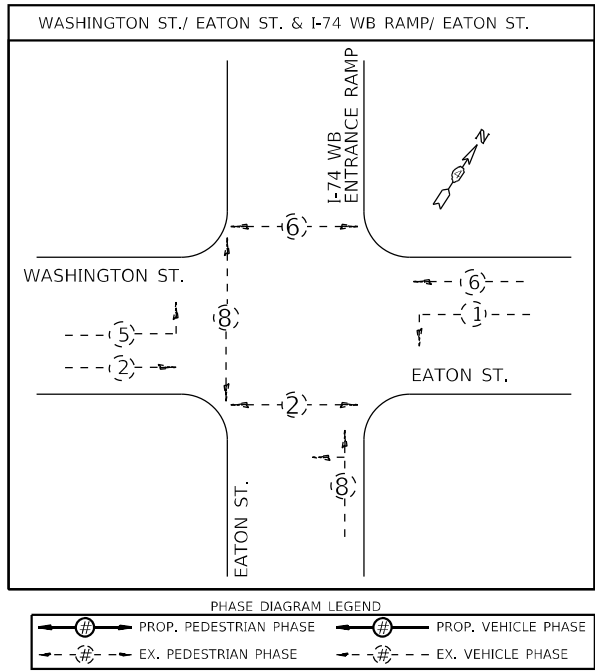


PEORIA TOWNSHIP  
40.692512, -89.585021



BILL OF MATERIALS		
WASHINGTON/EATON & I-74 WB RAMP/EATON		
ITEM DESCRIPTION	UNIT	QTY.
ACCESSIBLE PEDESTRIAN SIGNALS	EACH	6.0
PEDESTRIAN PUSH-BUTTON POST	EACH	4.0
DRILL EXISTING HANDHOLE	EACH	4.0
UNDERGROUND CONDUIT, PVC, 1" DIA.	FOOT	40.0
ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 5C	FOOT	44.0

APS SCHEDULE							
WASHINGTON/EATON & I-74 WB RAMP/EATON							
LABEL	LOCATION	INSTALLATION TYPE	MOUNTING BRACKET	CROSSING	WALK INDICATION	WIRING NOTES	NOTES
P1	N QUAD	PROP. PEDESTRIAN PUSHBUTTON POST	SINGLE	I-74 RAMP	tone	RE-USE EXISTING WIRE (INSTALL IN PROP. CONDUIT)	PROP. CONDUIT FROM PROP. PUSHBUTTON POST TO EX. HANDHOLE
P2	E QUAD	PROP. PEDESTRIAN PUSHBUTTON POST	SINGLE	EATON	tone	RE-USE EXISTING WIRE (INSTALL IN PROP. CONDUIT)	PROP. CONDUIT FROM PROP. PUSHBUTTON POST TO EX. HANDHOLE
P3	S QUAD	PROP. PEDESTRIAN PUSHBUTTON POST	DUAL	WASHINGTON	SPEECH	INSTALL NEW WIRE FROM APS TO CONTROLLER	PROP. CONDUIT FROM PROP. PUSHBUTTON POST TO EX. DOUBLE HANDHOLE
P4	S QUAD	PROP. PEDESTRIAN PUSHBUTTON POST	DUAL	EATON	SPEECH		
P5	W QJAD	EX. MAST ARM	SINGLE	WASHINGTON	tone	RE-USE EXISTING WIRE	PROP. CONDUIT FROM PROP. PUSHBUTTON POST TO EX. HANDHOLE
P6	W QJAD	PROP. PEDESTRIAN PUSHBUTTON POST	SINGLE	I-74 RAMP	tone	RE-USE EXISTING WIRE (INSTALL IN PROP. CONDUIT)	



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 -
PLOT SCALE = 23,8272' = 1 in.	DRAWN -	REVISED -
PLOT DATE = 6/29/2023	CHECKED -	REVISED -
	DATE -	REVISED -

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

PROPOSED ACCESSIBLE PEDESTRIAN SIGNALS  
WASHINGTON / EATON & I-74 WB RAMP/ EATON - PEORIA

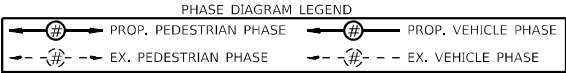
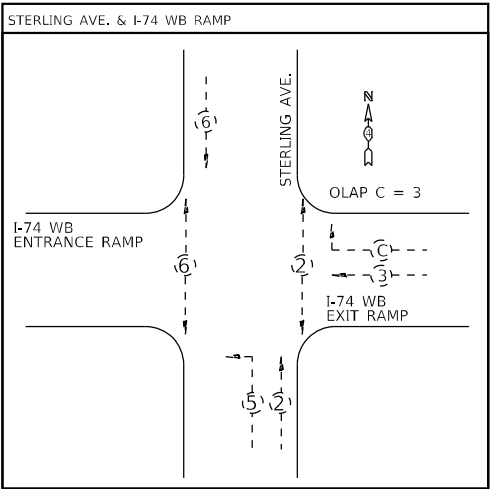
SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR.	D4 ADA PUSHBUTTONS 2024	PEORIA	80	64
CONTRACT NO. 68H76				
ILLINOIS FED. AID PROJECT				



BILL OF MATERIALS		
I-74 WB & STERLING		
ITEM DESCRIPTION	UNIT	QTY.
ACCESSIBLE PEDESTRIAN SIGNALS	EACH	4.0
PEDESTRIAN PUSH-BUTTON POST	EACH	1.0
DRILL EXISTING HANDHOLE	EACH	1.0
UNDERGROUND CONDUIT, PVC, 1" DIA.	FOOT	5.0

APS SCHEDULE							
I-74 WB & STERLING							
LABEL	LOCATION	INSTALLATION TYPE	MOUNTING BRACKET	CROSSING	WALK INDICATION	WIRING NOTES	NOTES
P1	NE QUAD	EX. TS POST	SINGLE	I-74 RAMP	TONE	RE-USE EXISTING WIRE	
P2	SE QUAD	EX. LIGHT POLE	SINGLE	I-74 RAMP	TONE	RE-USE EXISTING WIRE	
P3	SW QUAD	PROP. PEDESTRIAN PUSHBUTTON POST	SINGLE	I-74 RAMP	TONE	RE-USE EXISTING WIRE (INSTALL IN PROP. CONDUIT)	PROP. CONDUIT FROM PROP. PUSHBUTTON POST TO EX. HANDHOLE
P4	NW QUAD	EX. PEDESTRIAN PUSHBUTTON POST	SINGLE	I-74 RAMP	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

NOTE:  
1. THE CONTRACTOR SHALL REMOVE THE EXISTING PUSHBUTTON ON THE LIGHT POLE IN THE NW QUADRANT AND FILL THE HOLE CREATED BY THE REMOVAL OF THE PEDESTRIAN PUSHBUTTON WITH A STAINLESS STEEL BOLT IN THE EXISTING THREADED HOLE. THIS WORK WILL NOT BE PAID FOR SEPARATELY, BUT SHALL BE INCLUDED IN THE COST OF THE PROPOSED ACCESSIBLE PEDESTRIAN SIGNALS.

PEORIA TOWNSHIP  
40.738199, -89.632109

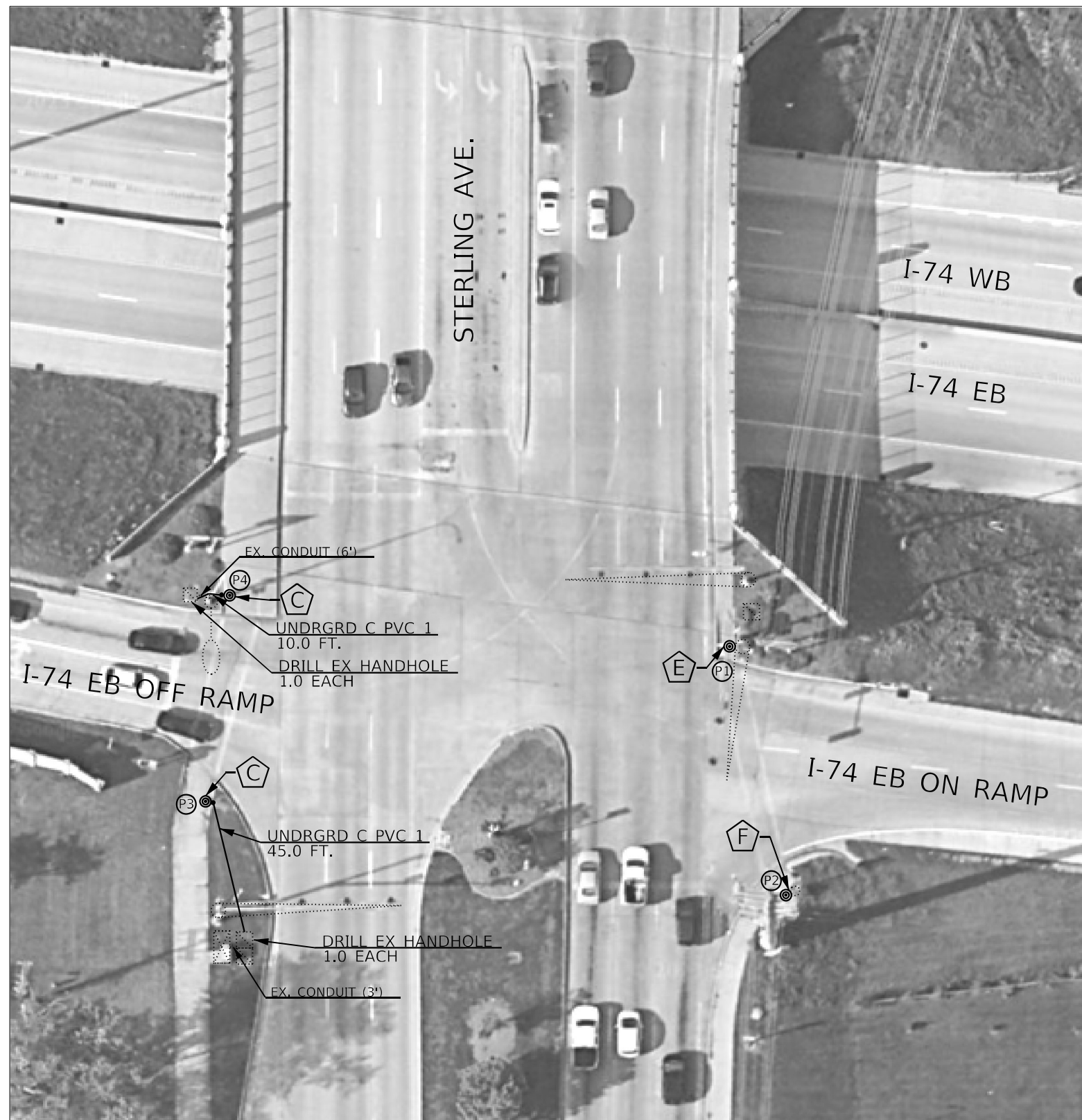
USER NAME = trevor.hanson	DESIGNED -	REVISED -
DRAWN -	REVISED -	
PLOT SCALE = 23,8272' * / in.	CHECKED -	REVISED -
PLOT DATE = 6/29/2023	DATE -	REVISED -

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

PROPOSED ACCESSIBLE PEDESTRIAN SIGNALS			
I-74 WB & STERLING AVE. - PEORIA			
SCALE:	SHEET	OF SHEETS	STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR.	D4 ADA PUSHBUTTONS 2024	PEORIA	80	65
CONTRACT NO. 68H76				
ILLINOIS FED. AID PROJECT				





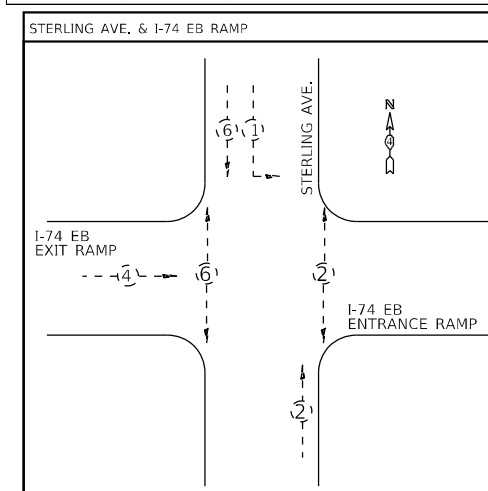
BILL OF MATERIALS		
I-74 EB & STERLING		
ITEM DESCRIPTION	UNIT	QTY.
ACCESSIBLE PEDESTRIAN SIGNALS	EACH	4.0
PEDESTRIAN PUSH-BUTTON POST (NO FOUNDATION)	EACH	2.0
ANCHOR BOLT SET, 1/2 DIAMETER, WITH WEDGE ANCHORS	EACH	2.0
DRILL EXISTING HANDHOLE	EACH	2.0
UNDERGROUND CONDUIT, PVC, 1" DIA.	FOOT	55.0
ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 3C	FOOT	70.0
APS EXTENSION BRACKET	EACH	1.0









NOTES:

1. THE CONTRACTOR SHALL DRILL THE EXISTING CURB TO ACCOMMODATE THE INSTALLATION OF THE PROPOSED CONDUIT AND PROPOSED PEDESTRIAN PUSH-BUTTON POST (NO FOUNDATION). THE COST OF THIS WORK WILL NOT BE PAID FOR SEPARATELY, BUT SHALL BE INCLUDED IN THE COST OF THE PROPOSED PEDESTRIAN PUSH-BUTTON POST (NO FOUNDATION).

APS SCHEDULE							
I-74 EB & STERLING							
LABEL	LOCATION	INSTALLATION TYPE	MOUNTING BRACKET	CROSSING	WALK INDICATION	WIRING NOTES	NOTES
P1	NE QUAD	EX. MAST ARM	SINGLE*	I-74 RAMP	TONE	RE-USE EXISTING WIRE	
P2	SE QUAD	EX. TS POST	SINGLE	I-74 RAMP	TONE	RE-USE EXISTING WIRE	
P3	SW QUAD	PROP. PEDESTRIAN PUSH-BUTTON POST (NO FOUNDATION)	SINGLE	I-74 RAMP	TONE	INSTALL NEW WIRE FROM APS TO CONTROLLER	PROP. CONDUIT FROM PROP. PUSHBUTTON POST TO EX. DOUBLE HANDHOLE
P4	NW QUAD	PROP. PEDESTRIAN PUSH-BUTTON POST (NO FOUNDATION)	SINGLE	I-74 RAMP	TONE	RE-USE EXISTING WIRE (INSTALL IN PROP. CONDUIT)	PROP. CONDUIT FROM PROP. PUSHBUTTON POST TO EX. 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

FILE NAME: S:\2023\23-24\23-24-001\23-24-001.dwg	USER NAME = trevor.hanson	DESIGNED -	REVISED -
		DRAWN -	REVISED -
	PLOT SCALE = 23,8272 ' / in.	CHECKED -	REVISED -
	PLOT DATE = 6/29/2023	DATE -	REVISED -

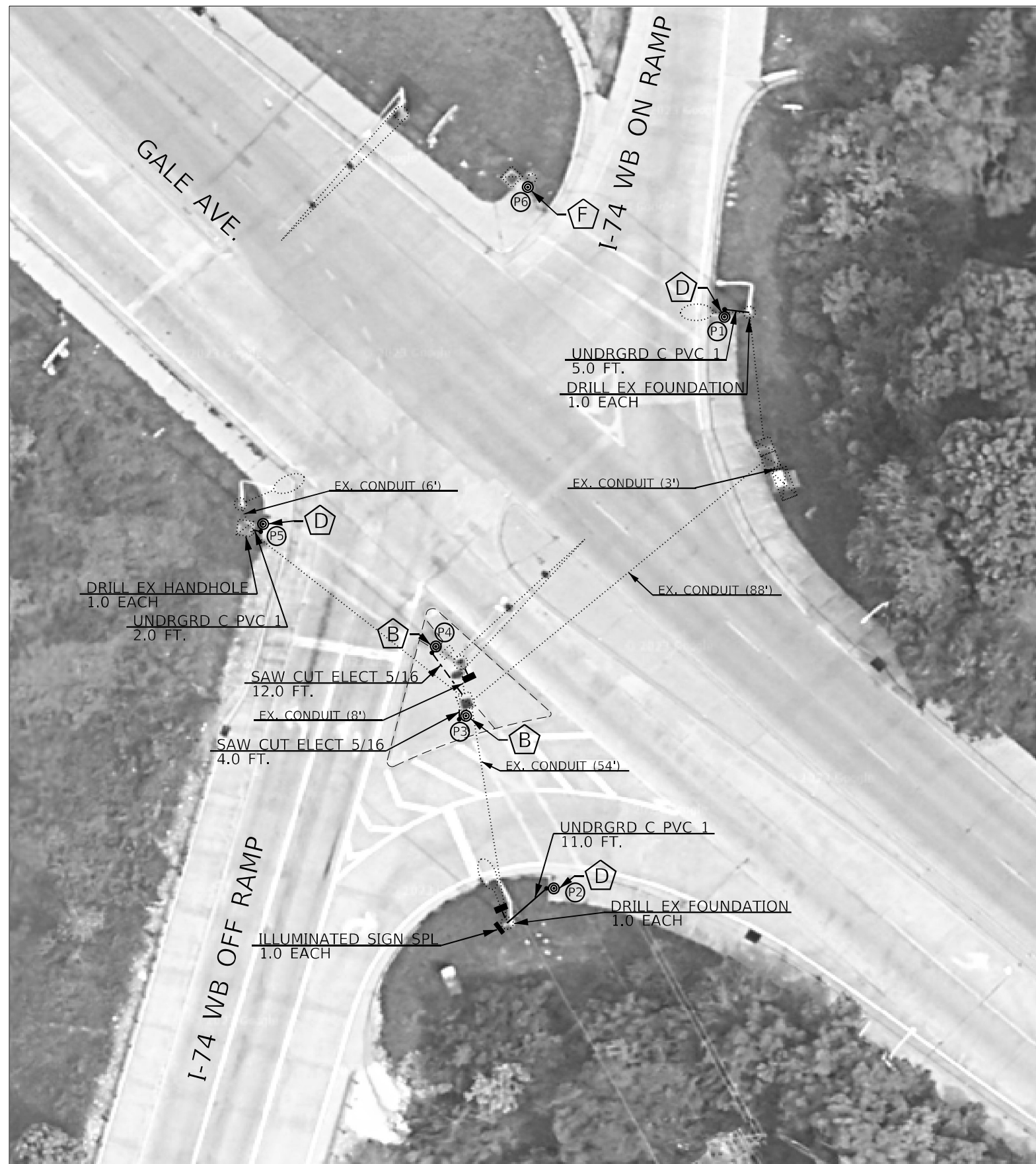
**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

## PROPOSED ACCESSIBLE PEDESTRIAN SIGNALS I-74 EB & STERLING AVE. - 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	PEORIA	80	66
		CONTRACT NO. 68H76		
		ILLINOIS	FED. AID PROJECT	

MODEL: Default  
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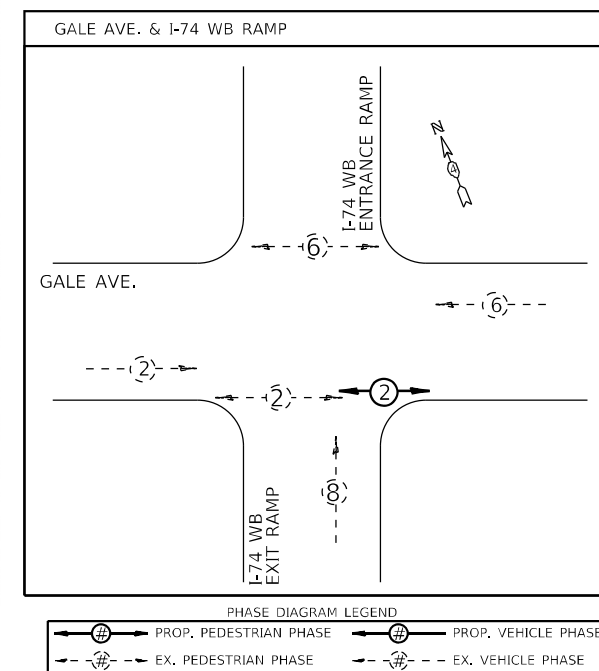


BILL OF MATERIALS		
I-74 WB & GALE		
ITEM DESCRIPTION	UNIT	QTY.
ACCESSIBLE PEDESTRIAN SIGNALS	EACH	6.0
PEDESTRIAN PUSH-BUTTON POST	EACH	3.0
PEDESTRIAN PUSH-BUTTON POST (NO FOUNDATION)	EACH	2.0
ANCHOR BOLT SET, 1/2 DIAMETER, WITH WEDGE ANCHORS	EACH	2.0
DRILL EXISTING FOUNDATION	EACH	2.0
DRILL EXISTING HANDHOLE	EACH	1.0
UNDERGROUND CONDUIT, PVC, 1" DIA.	FOOT	18.0
ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 3C	FOOT	504.5
ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 5C	FOOT	327.0
THHN WIRE ENCASED IN PVC TUBE, NO. 19/27 AWG	FOOT	126.0
SAW CUT FOR ELECTRICAL CABLE INSTALLATION, 5/16"	FOOT	16.0
PEDESTRIAN SIGNAL HEAD, POLYCARBONATE, LED, 1-FACE, BRACKET MOUNTED WITH COUNT DOWN TIMER	EACH	2.0
ILLUMINATED SIGN (SPECIAL)	EACH	1.0

NOTE:

1. 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.

APS SCHEDULE I-74 WB & GALE							
LABEL	LOCATION	INSTALLATION TYPE	MOUNTING BRACKET	CROSSING	WALK INDICATION	WIRING NOTES	NOTES
P1	NE QUAD	PROP. PEDESTRIAN PUSHBUTTON POST	SINGLE	I-74 RAMP	TONE	RE-USE EXISTING WIRE (INSTALL IN PROP. CONDUIT)	PROP. CONDUIT FROM PROP. PUSHBUTTON POST TO EX. LIGHT POLE
P2	SE QUAD	PROP. PEDESTRIAN PUSHBUTTON POST	SINGLE	I-74 RAMP RIGHT TURN LANE	TONE	INSTALL NEW WIRE FROM APS TO CONTROLLER	PROP. CONDUIT FROM PROP. PUSHBUTTON POST TO EX. LIGHT POLE
P3	NB RT ISLAND	PROP. PEDESTRIAN PUSH- BUTTON POST (NO FOUNDATION)	SINGLE	I-74 RAMP RIGHT TURN LANE	TONE	INSTALL NEW WIRE FROM APS TO CONTROLLER	PROP. SAW CUT FROM PROP. PUSHBUTTON POST TO EX. HANDHOLE
P4	NB RT ISLAND	PROP. PEDESTRIAN PUSH- BUTTON POST (NO FOUNDATION)	SINGLE	I-74 RAMP	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 PUSHBUTTON POST	SINGLE	I-74 RAMP	TONE	RE-USE EXISTING WIRE (INSTALL IN PROP. CONDUIT)	PROP. CONDUIT FROM PROP. PUSHBUTTON POST TO EX. HANDHOLE
P6	NW QUAD	EX. TS POST	SINGLE	I-74 RAMP	TONE	RE-USE EXISTING WIRE	



**APS LEGEND**

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**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

PEORIA TOWNSHIP
40.719424, -89.619911

USER NAME = trevor.hanson	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 23,8272 ' / in.	CHECKED -	REVISED -
PLOT DATE = 6/29/2023	DATE -	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

## PROPOSED ACCESSIBLE PEDESTRIAN SIGNALS I-74 WB & GALE AVE. - PEORIA

SCALE:	SHEET	OF	SHEETS	STA.	TO STA.
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[illegible]





MODEL: Default  
FILE NAME: S:\ENR\WORK\DD\SP\AN\Hanson\# APS\68H76 (Roads APS) (Final 06-29-23).dgn



LIMESTONE TOWNSHIP  
40.699174, -89.694317

USER NAME	= trevor.hanson
PLOT SCALE	= 23,8272' * / in.
PLOT DATE	= 6/29/2023

DESIGNED	-
DRAWN	-
CHECKED	-
DATE	-

REVISED	-
REVISED	-
REVISED	-
REVISED	-

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

PROPOSED ACCESSIBLE PEDESTRIAN SIGNALS  
FARMINGTON RD. & MAXWELL RD. - PEORIA COUNTY

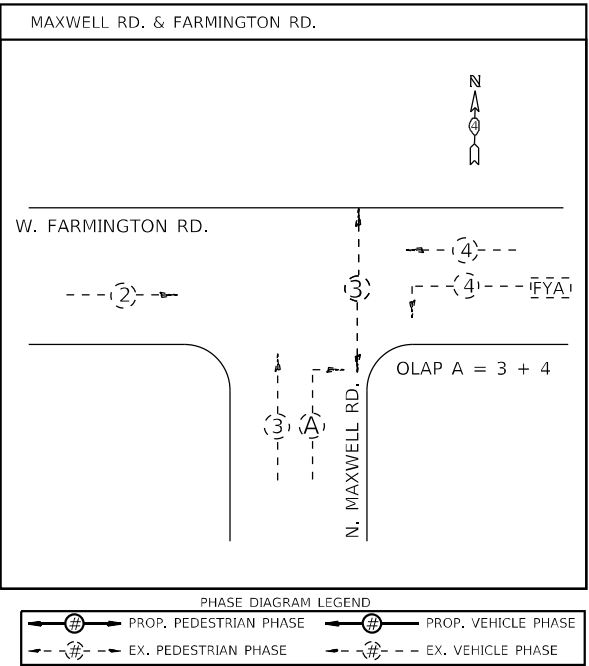
SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR.	D4 ADA PUSHBUTTONS 2024	PEORIA	80	69
CONTRACT NO. 68H76				
ILLINOIS FED. AID PROJECT				



BILL OF MATERIALS		
FARMINGTON & MAXWELL		
ITEM DESCRIPTION	UNIT	QTY.
ACCESSIBLE PEDESTRIAN SIGNALS	EACH	2.0

APS SCHEDULE							
FARMINGTON & MAXWELL							
LABEL	LOCATION	INSTALLATION TYPE	MOUNTING BRACKET	CROSSING	WALK INDICATION	WIRING NOTES	NOTES
P1	NE QUAD	EX. TS POST	SINGLE	FARMINGTON	TONE	RE-USE EXISTING CABLES	
P2	SE QUAD	EX. TS POST	SINGLE	FARMINGTON	TONE	RE-USE EXISTING CABLES	

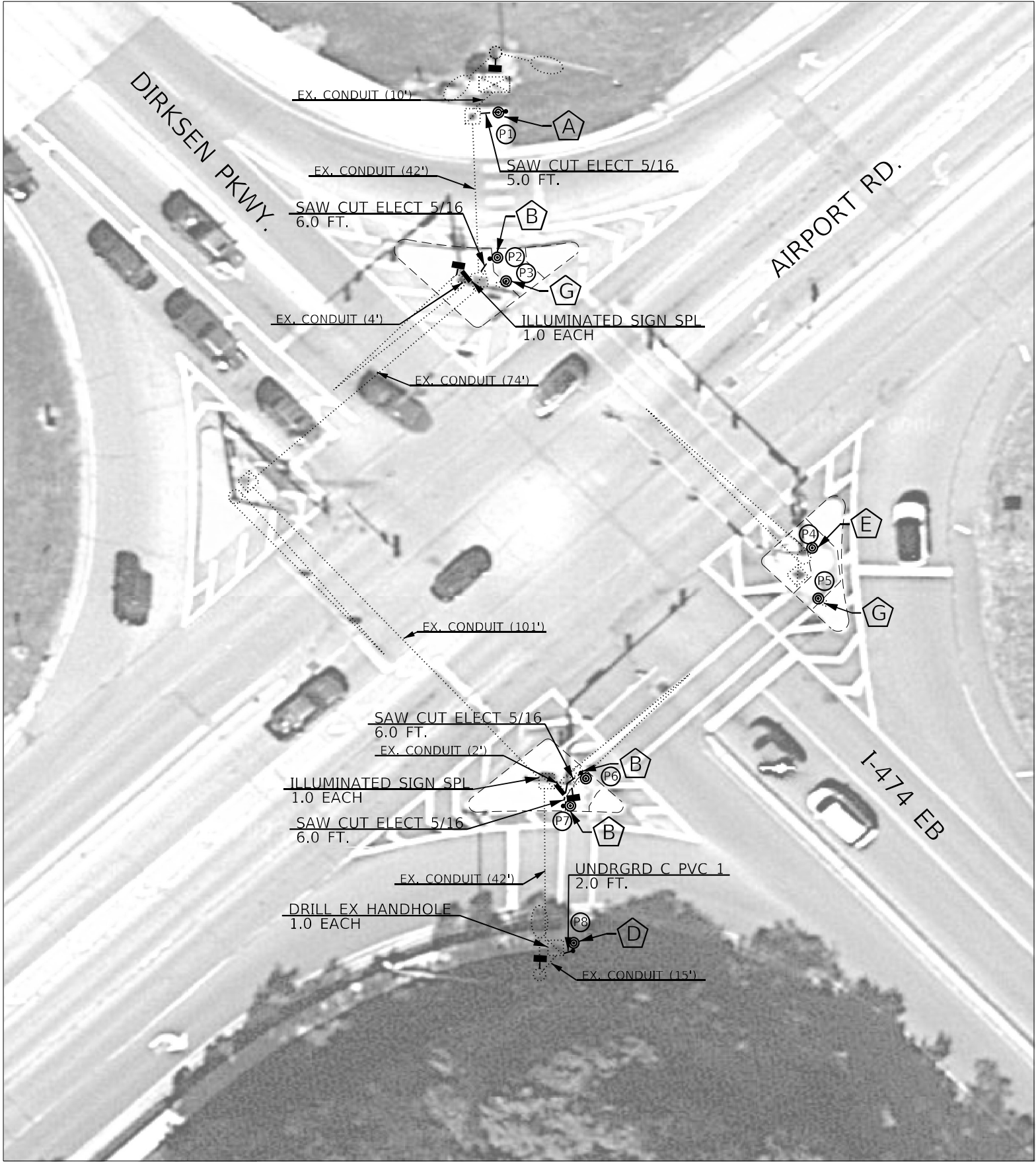


APS LEGEND

- 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\DIRKSEN\AIRPORT\#\_AP516BH76 (Revised APS) (Final 06-29-23).dgn



LIMESTONE TOWNSHIP  
40.671733, -89.671863

USER NAME = trevor.hanson	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 23,8272' = 1 in.	CHECKED -	REVISED -
PLOT DATE = 6/29/2023	DATE -	REVISED -

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

PROPOSED ACCESSIBLE PEDESTRIAN SIGNALS  
I-474 EB/ DIRSKEN PKWY. & AIRPORT RD.- PEORIA COUNTY

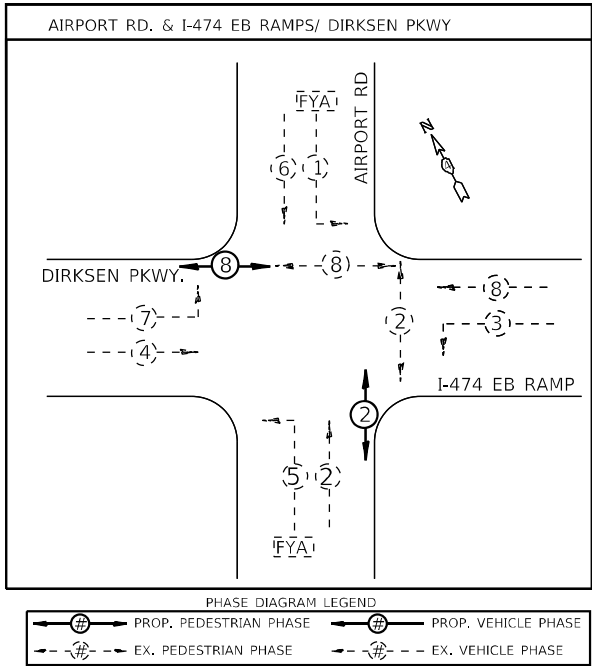
SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR.	D4 ADA PUSHBUTTONS 2024	PEORIA	80	70
CONTRACT NO. 68H76				ILLINOIS FED. AID PROJECT



- NOTE:  
1. 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.

APS SCHEDULE							
I-474 EB/ DIRKSEN & AIRPORT							
LABEL	LOCATION	INSTALLATION TYPE	MOUNTING BRACKET	CROSSING	WALK INDICATION	WIRING NOTES	NOTES
P1	N QUAD	PROP. PEDESTRIAN PUSH-BUTTON POST (NO FOUNDATION)	SINGLE	AIRPORT RIGHT TURN LANE	tone	INSTALL NEW WIRE FROM APS TO CONTROLLER	PROP. SAW CUT FROM PROP. PUSHBUTTON POST TO EX. HANDHOLE
P2	SW RT ISLAND	PROP. PEDESTRIAN PUSH-BUTTON POST (NO FOUNDATION)	SINGLE	AIRPORT RIGHT TURN LANE	SPEECH	INSTALL NEW WIRE FROM APS TO CONTROLLER	PROP. SAW CUT FROM PROP. PUSHBUTTON POST TO EX. HANDHOLE
P3	SW RT ISLAND	EX. PEDESTRIAN PUSHBUTTON POST	SINGLE	AIRPORT	SPEECH	RE-USE EXISTING WIRE	
P4	NW RT ISLAND	EX. MAST ARM	SINGLE	AIRPORT	tone	RE-USE EXISTING WIRE	
P5	NW RT ISLAND	EX. PEDESTRIAN PUSHBUTTON POST	SINGLE	I-474 RAMP	tone	RE-USE EXISTING WIRE	
P6	NE RT ISLAND	PROP. PEDESTRIAN PUSH-BUTTON POST (NO FOUNDATION)	SINGLE	I-474 RAMP	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	NE RT ISLAND	PROP. PEDESTRIAN PUSH-BUTTON POST (NO FOUNDATION)	SINGLE	AIRPORT RIGHT TURN LANE	tone	INSTALL NEW WIRE FROM APS TO CONTROLLER	PROP. SAW CUT FROM PROP. PUSHBUTTON POST TO EX. HANDHOLE
P8	S QUAD	PROP. PEDESTRIAN PUSHBUTTON POST	SINGLE	AIRPORT RIGHT TURN LANE	tone	INSTALL NEW WIRE FROM APS TO CONTROLLER	PROP. CONDUIT FROM PROP. PUSHBUTTON POST TO EX. HANDHOLE

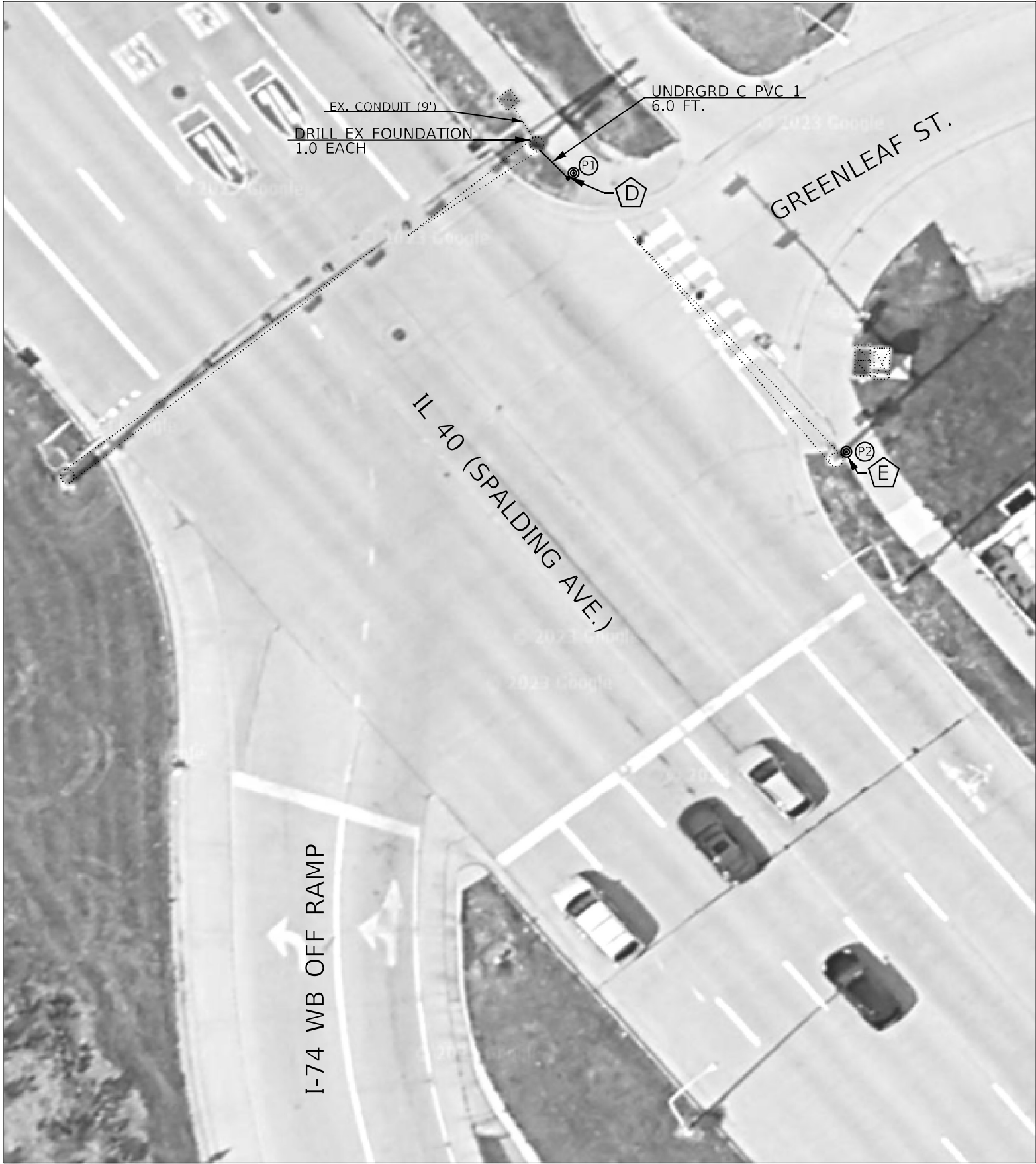


- APS LEGEND
- A PROP. APS INSTALLED ON PROP. PEDESTRIAN PUSHBUTTON POST (NO FOUNDATION) ON EX. SIDEWALK, WITH ANCHOR BOLT SET, 1/2 DIAMETER, WITH WEDGE ANCHORS
  - B PROP. APS INSTALLED ON PROP. PEDESTRIAN PUSHBUTTON POST (NO FOUNDATION) ON EX. ISLAND SURFACE, WITH ANCHOR BOLT SET, 1/2 DIAMETER, WITH 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





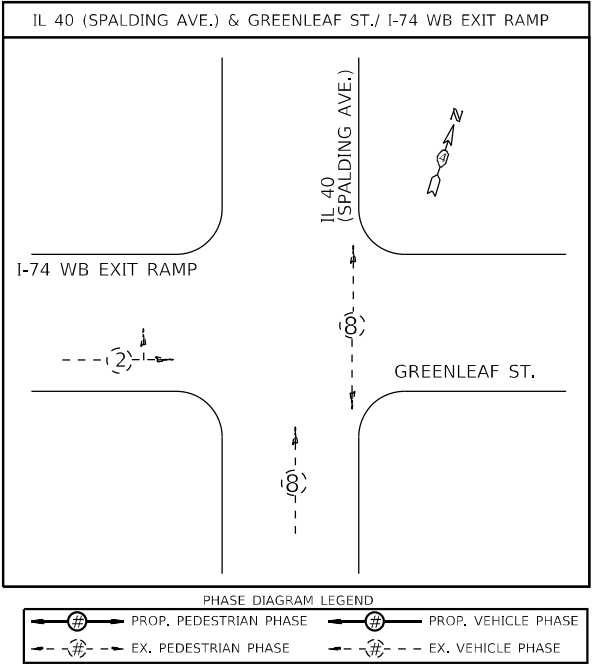


PEORIA TOWNSHIP  
40.700366, -89.592173



BILL OF MATERIALS		
SPALDING & I-74 WB OFF RAMP/ GREENLEAF		
ITEM DESCRIPTION	UNIT	QTY.
ACCESSIBLE PEDESTRIAN SIGNALS	EACH	2.0
PEDESTRIAN PUSH-BUTTON POST	EACH	1.0
DRILL EXISTING FOUNDATION	EACH	1.0
UNDERGROUND CONDUIT, PVC, 1" DIA.	FOOT	6.0

APS SCHEDULE							
SPALDING & I-74 WB OFF RAMP/ GREENLEAF							
LABEL	LOCATION	INSTALLATION TYPE	MOUNTING BRACKET	CROSSING	WALK INDICATION	WIRING NOTES	NOTES
P1	NE QUAD	PROP. PEDESTRIAN PUSHBUTTON POST	SINGLE	GREENLEAF	tone	RE-USE EXISTING WIRE (INSTALL IN PROP. CONDUIT)	PROP. CONDUIT FROM PROP. PUSHBUTTON POST TO EX. MAST ARM
P2	SE QUAD	EX. MAST ARM	SINGLE	GREENLEAF	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

MODEL: Default  
FILE NAME: S:\GREENWATER\DESIGN\AN\Hanson\#\_AP568H76 (Peoria APS) (Final 06-29-23).dgn

USER NAME = trevor.hanson	DESIGNED -	REVISED -
DRAWN -	REVISOR -	
PLOT SCALE = 23,8272 * / in.	CHECKED -	REVISED -
PLOT DATE = 6/29/2023	DATE -	REVISED -

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

PROPOSED ACCESSIBLE PEDESTRIAN SIGNALS  
IL 40 (SPALDING AVE.) & I-74 WB/ GREENLEAF ST. - PEORIA

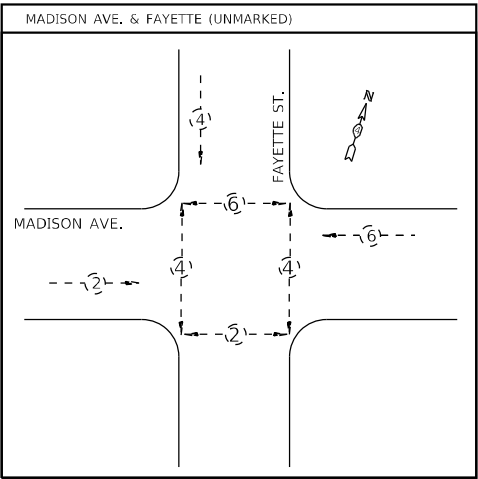
SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR.	D4 ADA PUSHBUTTONS 2024	PEORIA	80	72
CONTRACT NO. 68H76				
ILLINOIS FED. AID PROJECT				



BILL OF MATERIALS		
FAYETTE & MADISON		
ITEM DESCRIPTION	UNIT	QTY.
ACCESSIBLE PEDESTRIAN SIGNALS	EACH	8.0

APS SCHEDULE							
FAYETTE & MADISON							
LABEL	LOCATION	INSTALLATION TYPE	MOUNTING BRACKET	CROSSING	WALK INDICATION	WIRING NOTES	NOTES
P1	NE QUAD	EX. TS POST	DUAL	FAYETTE	SPEECH	RE-USE EXISTING WIRE	
P2	NE QUAD	EX. TS POST	DUAL	MADISON	SPEECH	RE-USE EXISTING WIRE	
P3	SE QUAD	EX. MAST ARM	DUAL	MADISON	SPEECH	RE-USE EXISTING WIRE	
P4	SE QUAD	EX. MAST ARM	DUAL	FAYETTE	SPEECH	RE-USE EXISTING WIRE	
P5	SW QUAD	EX. MAST ARM	DUAL	FAYETTE	SPEECH	RE-USE EXISTING WIRE	
P6	SW QUAD	EX. MAST ARM	DUAL	MADISON	SPEECH	RE-USE EXISTING WIRE	
P7	NW QJAD	EX. TS POST	DUAL	MADISON	SPEECH	RE-USE EXISTING WIRE	
P8	NW QJAD	EX. TS POST	DUAL	FAYETTE	SPEECH	RE-USE EXISTING WIRE	



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

PEORIA TOWNSHIP  
40.695215, -89.589155

USER NAME = trevor.hanson	DESIGNED -	REVISED -
DRAWN -	REVISED -	
PLOT SCALE = 23,8272' = 1" / in.	CHECKED -	REVISED -
PLOT DATE = 6/29/2023	DATE -	REVISED -

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

PROPOSED ACCESSIBLE PEDESTRIAN SIGNALS  
FAYETTE ST. & MADISON AVE. - PEORIA

SCALE: SHEET OF SHEETS STA. TO STA.

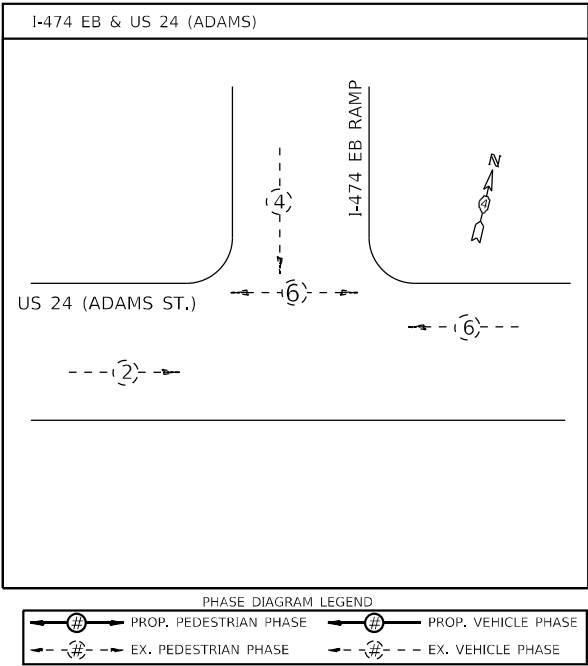
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR.	D4 ADA PUSHBUTTONS 2024	PEORIA	80	73
CONTRACT NO. 68H76				
ILLINOIS FED. AID PROJECT				

MODEL: Default  
FILE NAME: S:\GENWIN\WORK\DESIGN\AN\Hanson\#\_AP568H76 (Roads APS) (Final 06-29-23).dgn



BILL OF MATERIALS		
I-474 EB & US 24 (ADAMS)		
ITEM DESCRIPTION	UNIT	QTY.
ACCESSIBLE PEDESTRIAN SIGNALS	EACH	2.0

APSSCHEDULE							
I-474 EB & US 24 (ADAMS)							
LABEL	LOCATION	INSTALLATION TYPE	MOUNTING BRACKET	CROSSING	WALK INDICATION	WIRING NOTES	NOTES
P1	NE QUAD	EX. PEDESTRIAN PUSHBUTTON POST	SINGLE	I-474 RAMP	tone	RE-USE EXISTING WIRE	
P2	NW QUAD	EX. TS POST	SINGLE	I-474 RAMP	tone	RE-USE EXISTING WIRE	



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 -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PROPOSED ACCESSIBLE PEDESTRIAN SIGNALS I-474 EB & US 24 (ADAMS ST.) - BARTONVILLE	SCALE:	SHEET	OF	SHEETS	STA.	TO STA.	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		DRAWN -	REVISED -									VAR.	D4 ADA PUSHBUTTONS 2024	PEORIA	80	74
	PLOT SCALE = 23,8272 * / in.	CHECKED -	REVISED -									CONTRACT NO. 68H76				
	PLOT DATE = 6/29/2023	DATE -	REVISED -									ILLINOIS FED. AID PROJECT				



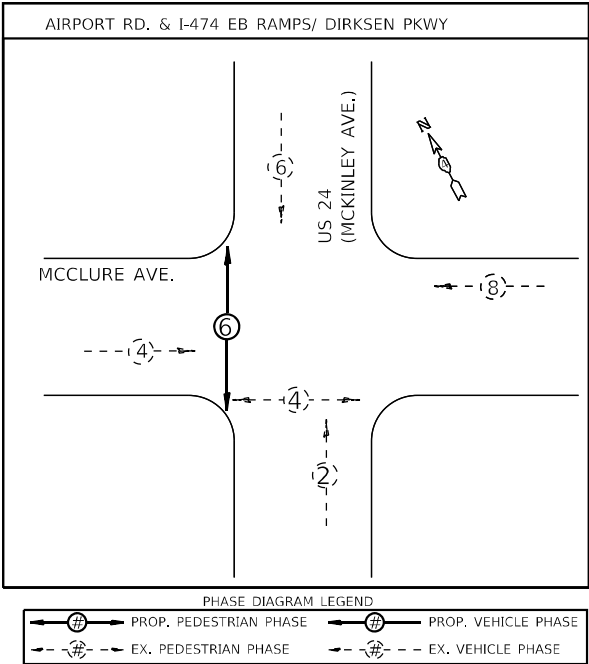


LIMESTONE TOWNSHIP  
40.649471, -89.649803



BILL OF MATERIALS		
US 24 (MCKINLEY) & MCCLURE		
ITEM DESCRIPTION	UNIT	QTY.
ACCESSIBLE PEDESTRIAN SIGNALS	EACH	4.0
PEDESTRIAN PUSH-BUTTON POST	EACH	1.0
DRILL EXISTING HANDHOLE	EACH	1.0
UNDERGROUND CONDUIT, PVC, 1" DIA.	FOOT	12.0
ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 3C	FOOT	95.0
ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 5C	FOOT	105.0
PEDESTRIAN SIGNAL HEAD, POLYCARBONATE, LED, 1-FACE, BRACKET MOUNTED WITH COUNT DOWN TIMER	EACH	2.0
MODIFY EXISTING CONTROLLER CABINET	EACH	1.0

APS SCHEDULE							
US 24 (MCKINLEY) & MCCLURE							
LABEL	LOCATION	INSTALLATION TYPE	MOUNTING BRACKET	CROSSING	WALK INDICATION	WIRING NOTES	NOTES
P1	SE QUAD	EX. TS POST	SINGLE	MCKINLEY	tone	RE-USE EXISTING WIRE	
P2	SW QUAD	EX. MAST ARM	DUAL	MCKINLEY	SPEECH	RE-USE EXISTING WIRE	
P3	SW QUAD	EX. MAST ARM	DUAL	MCCLURE	SPEECH	INSTALL NEW WIRE FROM APS TO CONTROLLER CABINET	
P4	NW QUAD	PROP. PEDESTRIAN PUSHBUTTON POST	SINGLE	MCCLURE	tone	INSTALL NEW WIRE FROM APS TO CONTROLLER CABINET	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

MODEL: Default  
FILE NAME: S:\ENR\WORK\DDSP\ANI\Hanson.dwg  
USER: ANI\Hanson  
DATE: 6/29/2023

USER NAME = trevor.hanson	DESIGNED -	REVISED -
PLOT SCALE = 23,8272' = 1" / in.	DRAWN -	REVISED -
PLOT DATE = 6/29/2023	CHECKED -	REVISED -
	DATE -	REVISED -

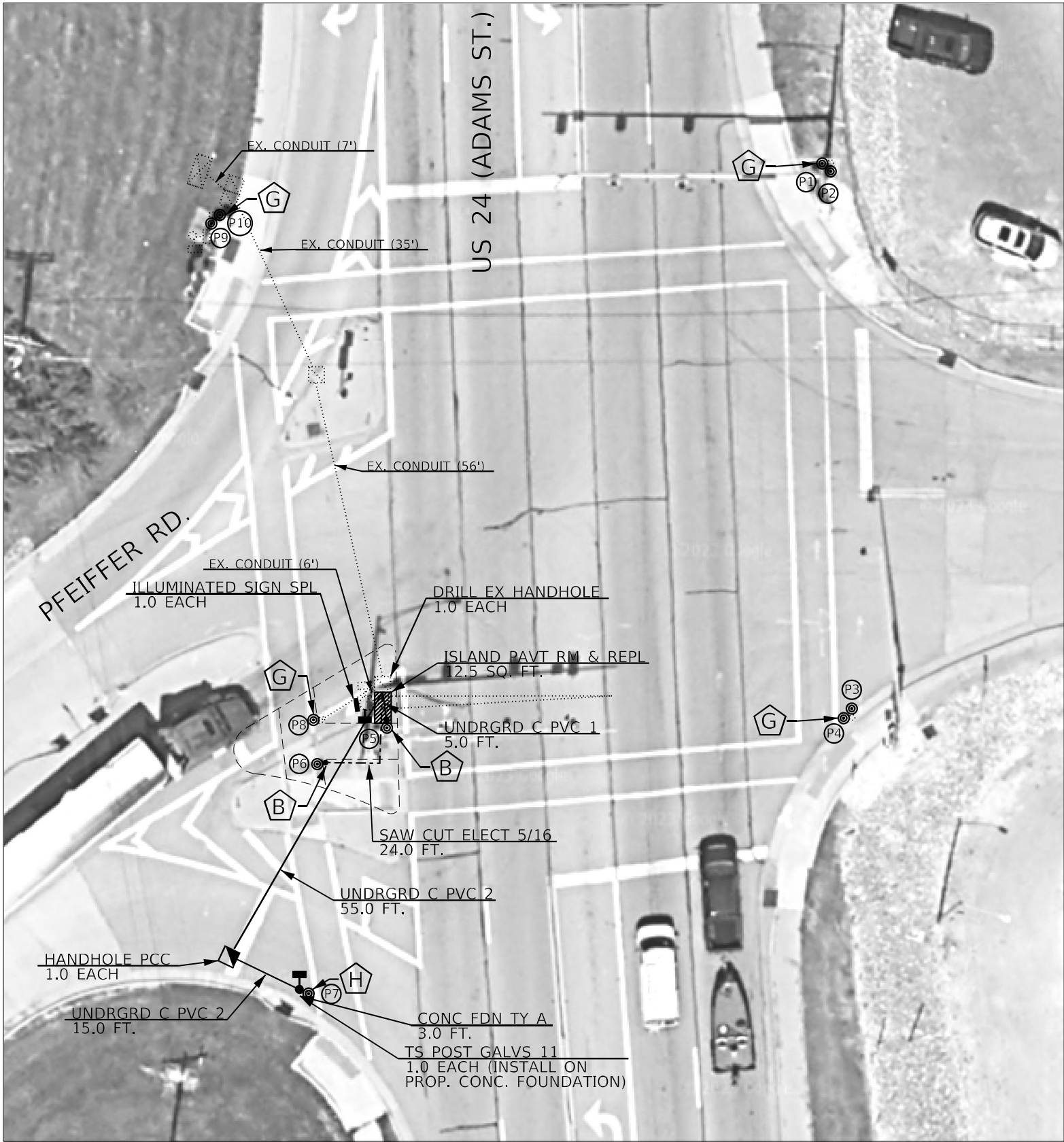
STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

PROPOSED ACCESSIBLE PEDESTRIAN SIGNALS US 24 (MCKINLEY AVE.) & MCCLURE AVE. - BARTONVILLE			
SCALE:	SHEET	OF SHEETS	STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR.	D4 ADA PUSHBUTTONS 2024	PEORIA	80	75
CONTRACT NO. 68H76				
ILLINOIS FED. AID PROJECT				

NOT TO SCALE

MODEL: Default  
FILE NAME: S:\ENR\W\000\DIRKSEN\AP5\Bartonville.dgn  
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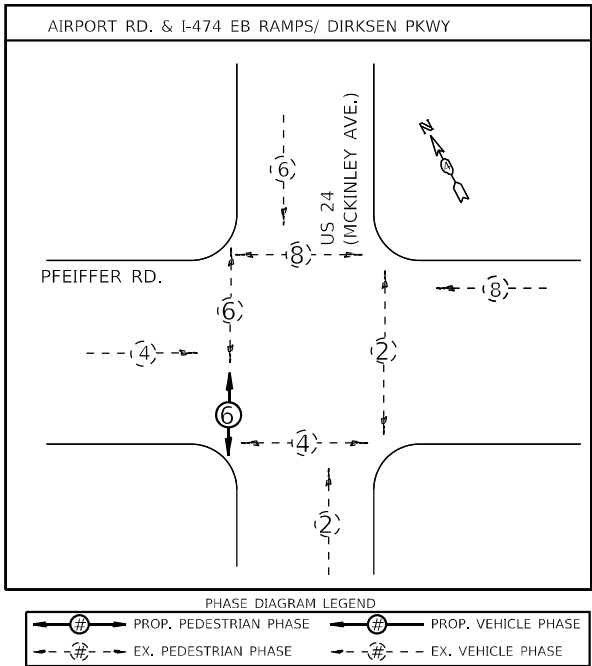
NOTE:  
1. THE CONTRACTOR SHALL INSTALL THE 3/C WIRE FOR THE ILLUMINATED SIGN (SPECIAL) ON A LOAD SWITCH IN THE CONTROLLER CABINET AS DIRECTED BY THE IDOT TRAFFIC ENGINEER.

LIMESTONE TOWNSHIP  
40.639336, -89.652283



BILL OF MATERIALS		
US 24 (ADAMS) & PFEIFFER		
ITEM DESCRIPTION	UNIT	QTY.
ACCESSIBLE PEDESTRIAN SIGNALS	EACH	10.0
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	91.0
SAW CUT FOR ELECTRICAL CABLE INSTALLATION, 5/16"	FOOT	24.0
DRILL EXISTING HANDHOLE	EACH	1.0
UNDERGROUND CONDUIT, PVC, 1" DIA.	FOOT	5.0
UNDERGROUND CONDUIT, PVC, 2" DIA.	FOOT	70.0
ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 3C	FOOT	506.5
ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 5C	FOOT	374.5
ILLUMINATED SIGN (SPECIAL)	EACH	1.0
ELECTRIC CABLE IN CONDUIT, EQUIPMENT GROUNDING CONDUCTOR, NO. 6 1C	FOOT	95.5
TRAFFIC SIGNAL POST, GALVANIZED STEEL 11 FT.	EACH	1.0
CONCRETE FOUNDATION, TYPE A	FOOT	3.0
PEDESTRIAN SIGNAL HEAD, POLYCARBONATE, LED, 1-FACE, BRACKET MOUNTED WITH COUNT DOWN TIMER	EACH	2.0
ISLAND PAVEMENT REMOVAL AND REPLACEMENT	SQ FT	12.5
HANDHOLE, PORTLAND CEMENT CONCRETE	EACH	1.0

AP5 SCHEDULE							
US 24 (ADAMS) & PFEIFFER							
LABEL	LOCATION	INSTALLATION TYPE	MOUNTING BRACKET	CROSSING	WALK INDICATION	WIRING NOTES	NOTES
P1	NE QUAD	EX. PEDESTRIAN PUSHBUTTON POST	DUAL	PFEIFFER	SPEECH	RE-USE EXISTING WIRE	
P2	NE QUAD	PUSHBUTTON POST	DUAL	ADAMS	SPEECH		
P3	SE QUAD	EX. PEDESTRIAN PUSHBUTTON POST	DUAL	ADAMS	SPEECH	RE-USE EXISTING WIRE	
P4	SE QUAD	PUSHBUTTON POST	DUAL	PFEIFFER	SPEECH		
P5	EB RT ISLAND	PROP. PEDESTRIAN PUSH-BUTTON POST (NO FOUNDATION)	SINGLE	ADAMS	TONE	RE-USE EXISTING WIRE (INSTALL IN PROP. CONDUIT)	PROP. CONDUIT FROM PROP. PUSHBUTTON POST TO EX. HANDHOLE
P6	EB RT ISLAND	PROP. PEDESTRIAN PUSH-BUTTON POST (NO FOUNDATION)	SINGLE	PFEIFFER RIGHT TURN LANE	TONE	INSTALL NEW WIRE FROM APS TO CONTROLLER CABINET	SAW CUT FROM PROP. PUSHBUTTON POST TO EX. HANDHOLE
P7	SW QUAD	PROP. TS POST	SINGLE	PFEIFFER RIGHT TURN LANE	TONE	INSTALL NEW WIRE FROM APS TO CONTROLLER CABINET	PROP. CONDUIT FROM PROP. TS POST TO PROP. HANDHOLE
P8	EB RT ISLAND	EX. PEDESTRIAN PUSHBUTTON POST	SINGLE	PFEIFFER	TONE	RE-USE EXISTING WIRE	
P9	NW QUAD	EX. PEDESTRIAN PUSHBUTTON POST	DUAL	ADAMS	SPEECH		
P10	NW QUAD	PUSHBUTTON POST	DUAL	PFEIFFER	SPEECH		



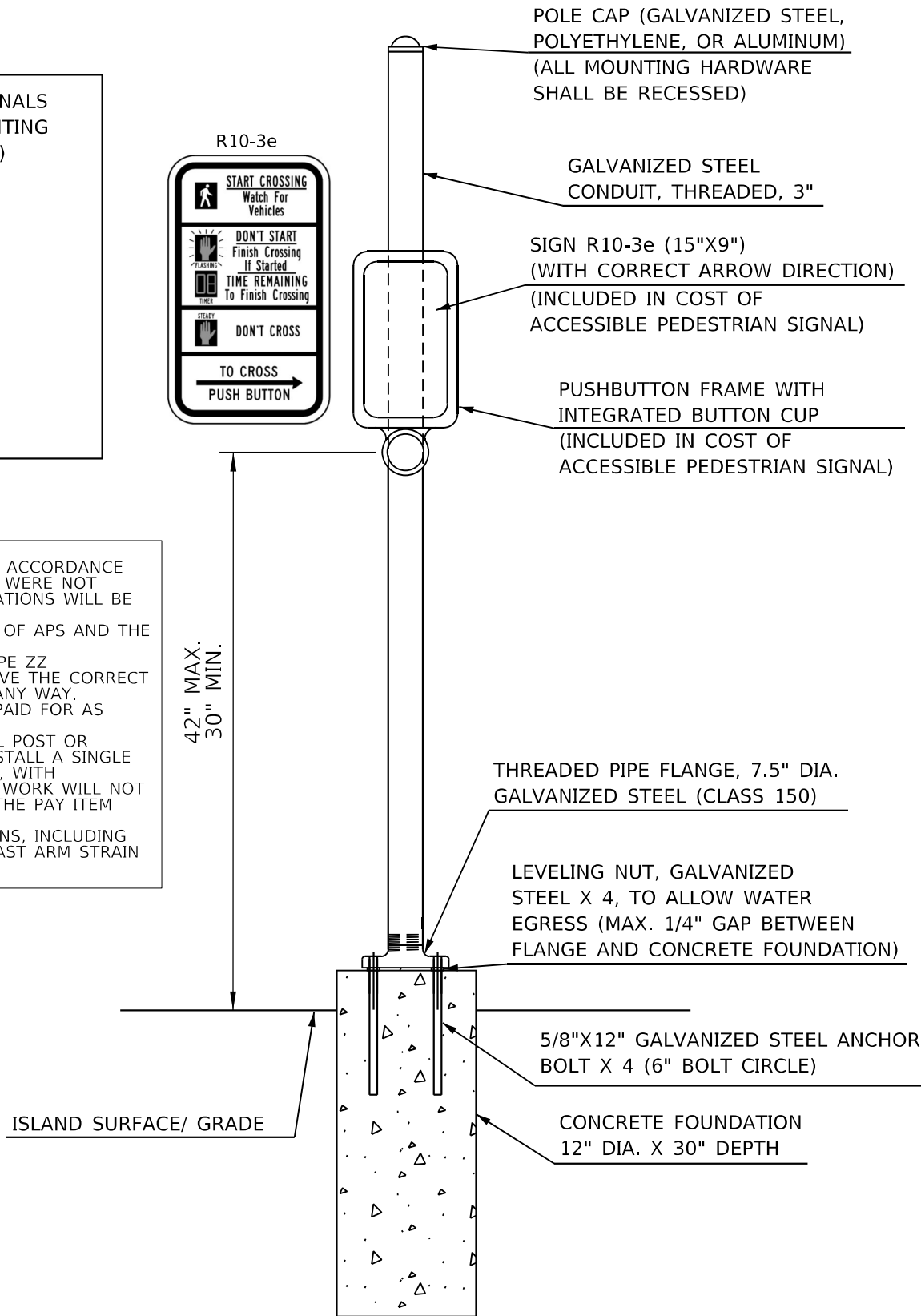
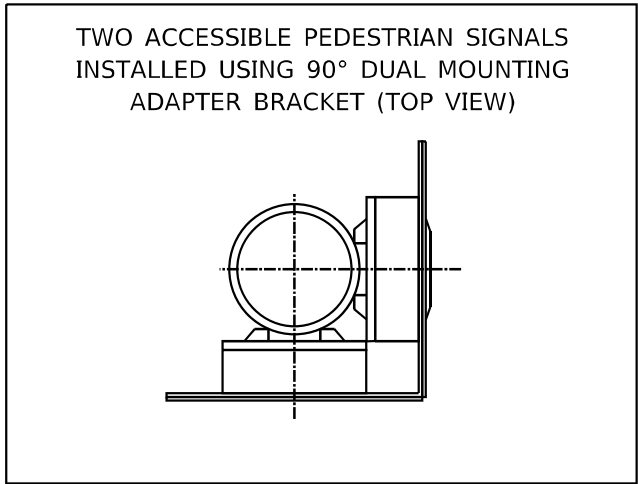
APS LEGEND	
	PROP. APS INSTALLED ON PROP. PEDESTRIAN PUSHBUTTON POST (NO FOUNDATION) ON EX. SIDEWALK, WITH ANCHOR BOLT SET, 1/2 DIAMETER, WITH WEDGE ANCHORS
	PROP. APS INSTALLED ON PROP. PEDESTRIAN PUSHBUTTON POST (NO FOUNDATION) ON EX. ISLAND SURFACE, WITH ANCHOR BOLT SET, 1/2 DIAMETER, WITH WEDGE ANCHORS
	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

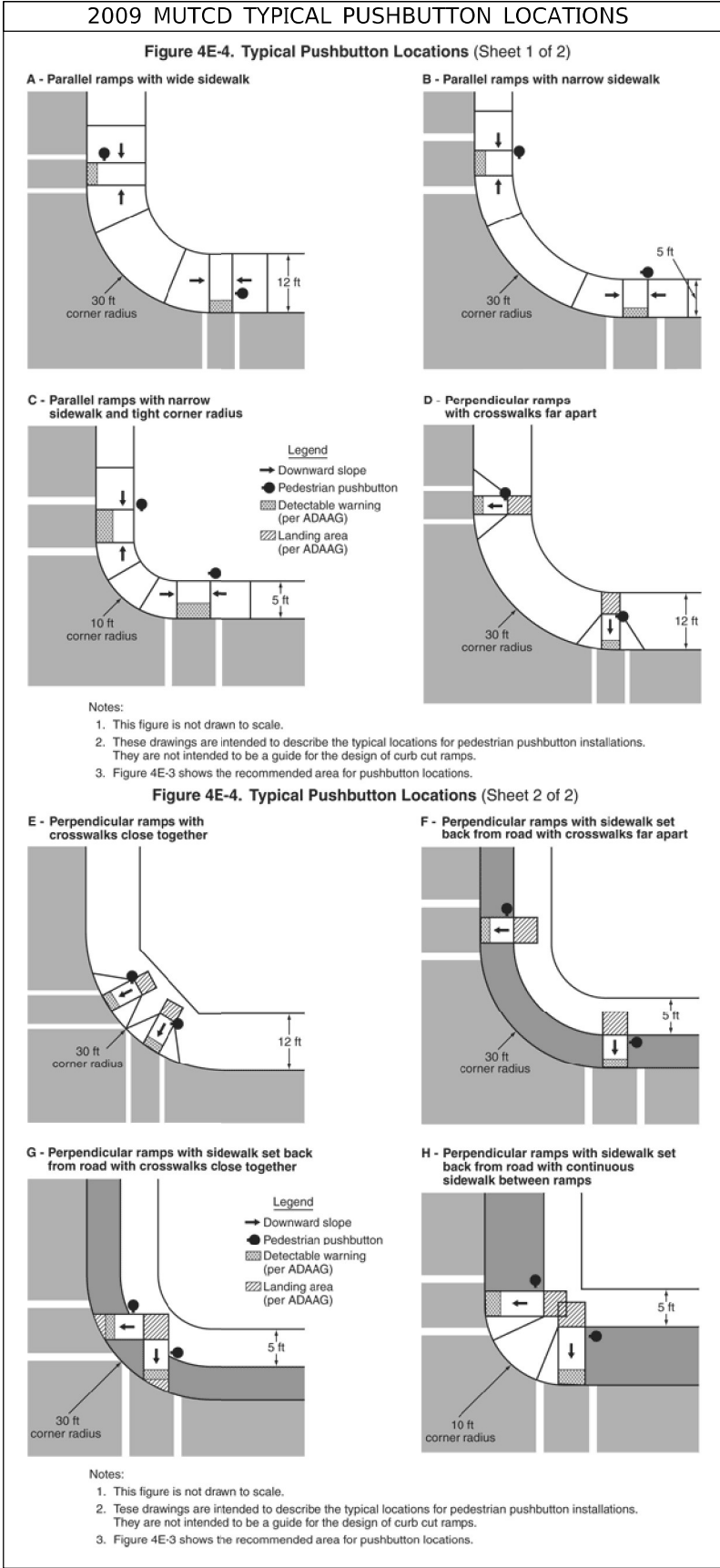
STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PROPOSED ACCESSIBLE PEDESTRIAN SIGNALS US 24 (ADAMS ST.) & PFEIFFER RD. - BARTONVILLE		F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	SCALE:      SHEET      OF      SHEETS      STA.      TO STA.		VAR.	D4 ADA PUSHBUTTONS 2024	PEORIA	80	76
			CONTRACT NO. 68H76				
			ILLINOIS    FED. AID PROJECT				

MODEL Default  
FILE NAME: S:\ENR\WORK\DD\SP\AN\Hanson.dwg  
FILE NAME: S:\ENR\WORK\DD\SP\AN\Hanson.dwg

- 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



NOT TO SCALE

USER NAME	= trevor.hanson	DESIGNED	-	REVISED	-
DRAWN	-	CHECKED	-	REVIS	-
PLOT SCALE	= 23,8272 * / in.	DATE	-	REVIS	-
PLOT DATE	= 6/29/2023				

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

PEDESTRIAN PUSH-BUTTON POST DETAIL

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR.	D4 ADA PUSHBUTTONS 2024	PEORIA	80	77
CONTRACT NO. 68H76				
ILLINOIS FED. AID PROJECT				



A technical drawing of a mechanical assembly in section view. The assembly consists of a circular component (possibly a flange or a wheel) mounted on a rectangular base. To the right of the base is a vertical plate or wall. The drawing uses solid lines for visible edges and dashed lines for hidden internal features. The circular component has a central hole. The base has a small rectangular protrusion on its right side. The vertical plate has a small rectangular protrusion on its left side, which appears to be in contact with the base.

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.

A cross-sectional diagram of a curb and gutter assembly. The diagram shows a sidewalk surface on the left, a curb on the right, and a gutter in the center. A leveling nut is shown on top of the curb, with a note indicating it is galvanized steel and allows for water egress. A grade line is shown on the right side of the gutter. An anchor bolt set is shown in the gutter, with a note indicating it is 1/2 diameter and has wedge anchors. The diagram is labeled with 'SIDEWALK SURFACE', 'LEVELING NUT, GALVANIZED STEEL X 4, TO ALLOW WATER EGRESS (MAX. 1/4" GAP BETWEEN FLANGE AND CURB SURFACE)', 'GRADE', and 'ANCHOR BOLT SET, 1/2 DIAMETER, WITH WEDGE ANCHORS (4 BOLTS PER SET, 6" BOLT CIRCLE, MIN. 5" DEPTH)'.

SIDEWALK SURFACE

LEVELING NUT, GALVANIZED STEEL X 4, TO ALLOW WATER EGRESS (MAX. 1/4" GAP BETWEEN FLANGE AND CURB SURFACE)

GRADE

ANCHOR BOLT SET, 1/2 DIAMETER, WITH WEDGE ANCHORS (4 BOLTS PER SET, 6" BOLT CIRCLE, MIN. 5" DEPTH)

POLE CAP (GALVANIZED STEEL, POLYETHYLENE, OR ALUMINUM) (ALL MOUNTING HARDWARE SHALL BE RECESSED)

GALVANIZED STEEL CONDUIT, THREADED, 3"

SIGN R10-3e (15"X9") (WITH CORRECT ARROW DIRECTION) (INCLUDED IN COST OF ACCESSIBLE PEDESTRIAN SIGNAL)

PUSHBUTTON FRAME WITH INTEGRATED BUTTON CUP (INCLUDED IN COST OF ACCESSIBLE PEDESTRIAN SIGNAL)

42" MAX. 30" MIN.

THREADED PIPE FLANGE, 7.5" DIA. GALVANIZED STEEL (CLASS 150)

LEVELING NUT, GALVANIZED STEEL X 4, TO ALLOW WATER EGRESS (MAX. 1/4" GAP BETWEEN FLANGE AND SIDEWALK/ PAVEMENT SURFACE)

SIDEWALK/ PAVEMENT SURFACE

ANCHOR BOLT SET, 1/2" DIAMETER, WITH WEDGE ANCHORS (4 BOLTS PER SET, 6" BOLT CIRCLE, MIN. 3" DEPTH IN SIDEWALK, 5" DEPTH IN PAVEMENT)

2009 MUTCD TYPICAL PUSHBUTTON LOCATIONS

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

A - Parallel ramps with wide sidewalk

B - Parallel ramps with narrow sidewalk

C - Parallel ramps with narrow sidewalk and tight corner radius

D - Perpendicular ramps with crosswalks far apart

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)

E - Perpendicular ramps with crosswalks close together

F - Perpendicular ramps with sidewalk set back from road with crosswalks far apart

G - Perpendicular ramps with sidewalk set back from road with crosswalks close together

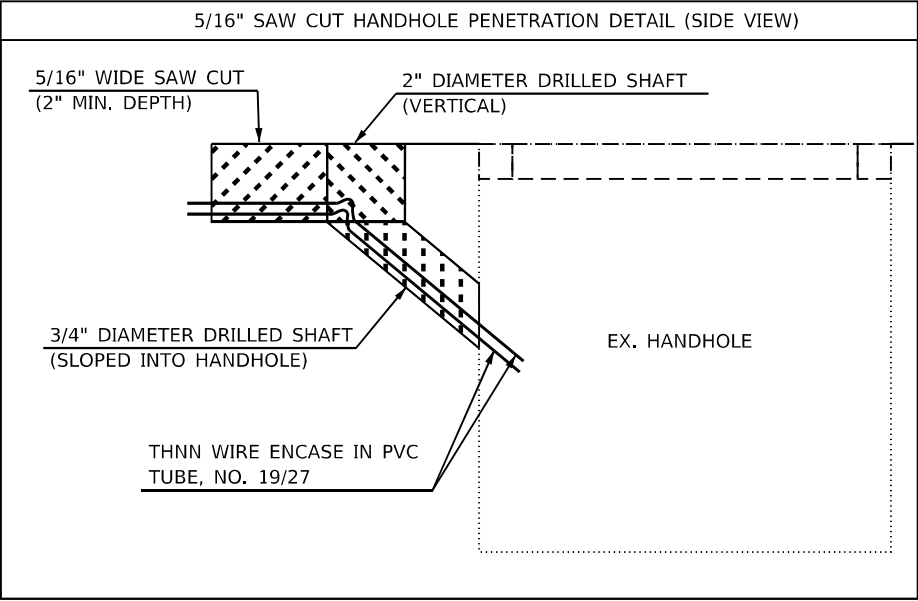
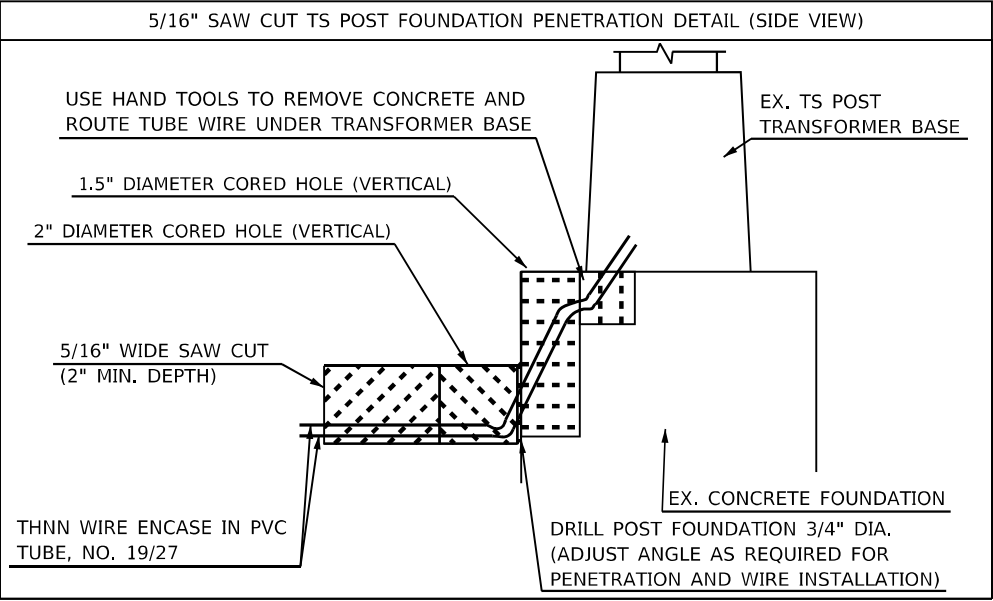
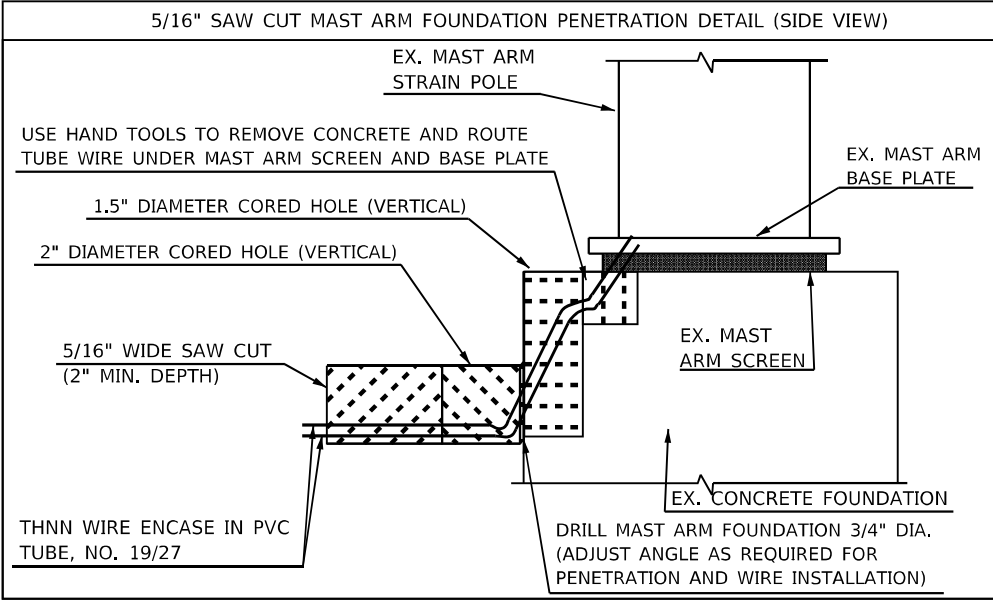
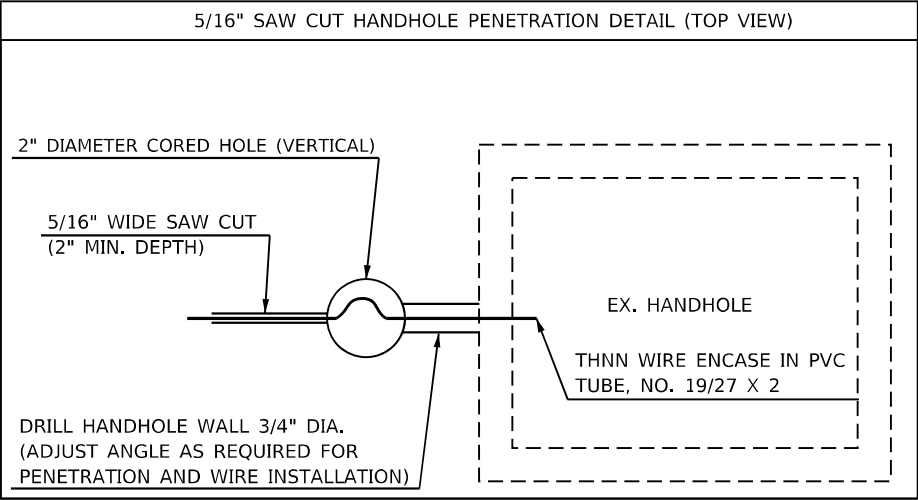
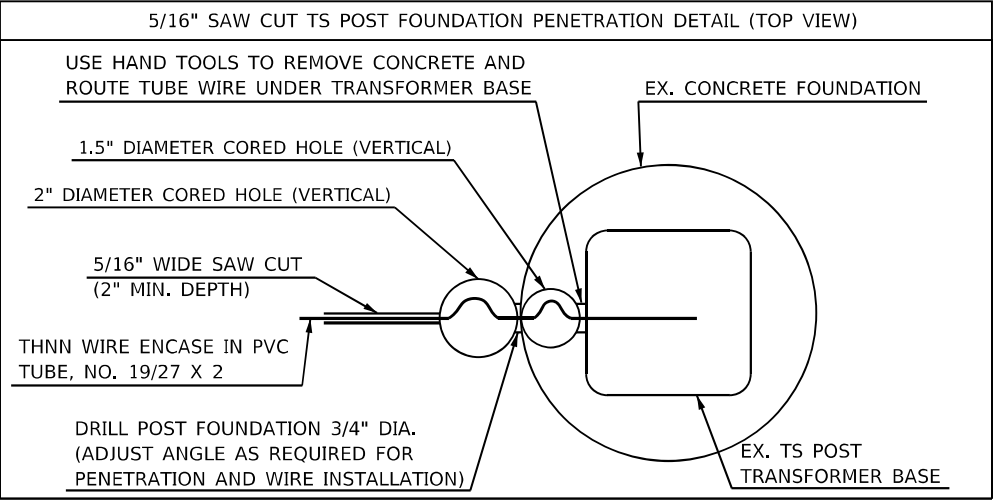
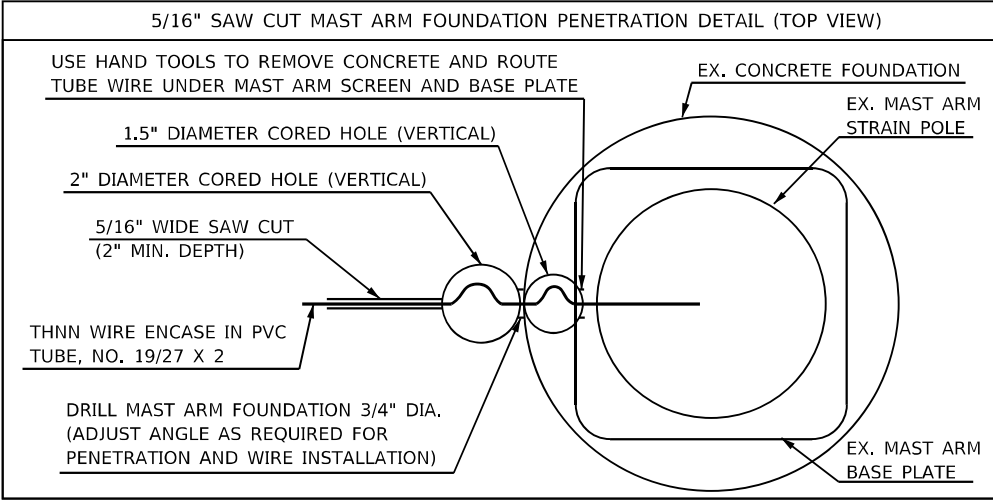
H - Perpendicular ramps with sidewalk set back from road with continuous sidewalk between ramps

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.

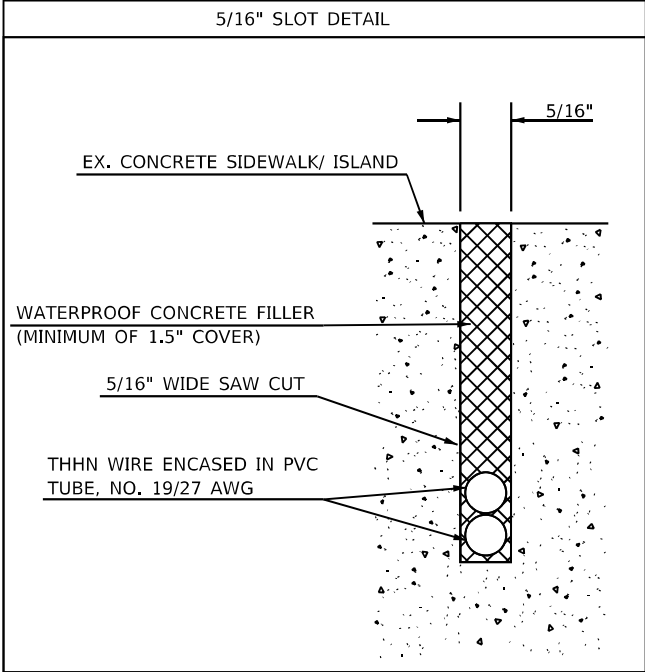
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USER NAME = trevor.hanson	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PEDESTRIAN PUSH-BUTTON POST (NO FOUNDATION) DETAIL				F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	DRAWN -	REVISED -		VAR.	D4 ADA PUSHBUTTONS 2024	PEORIA	80	78				
PLOT SCALE = 23,8272' = 1 in.	CHECKED -	REVISED -		CONTRACT NO. 68H76								
PLOT DATE = 6/29/2023	DATE -	REVISED -		SCALE:	SHEET	OF	SHEETS	STA.	TO STA.			



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.



NOT TO SCALE

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PROJECT: 68H76  
SHEET: 79  
DATE: 6/29/2023

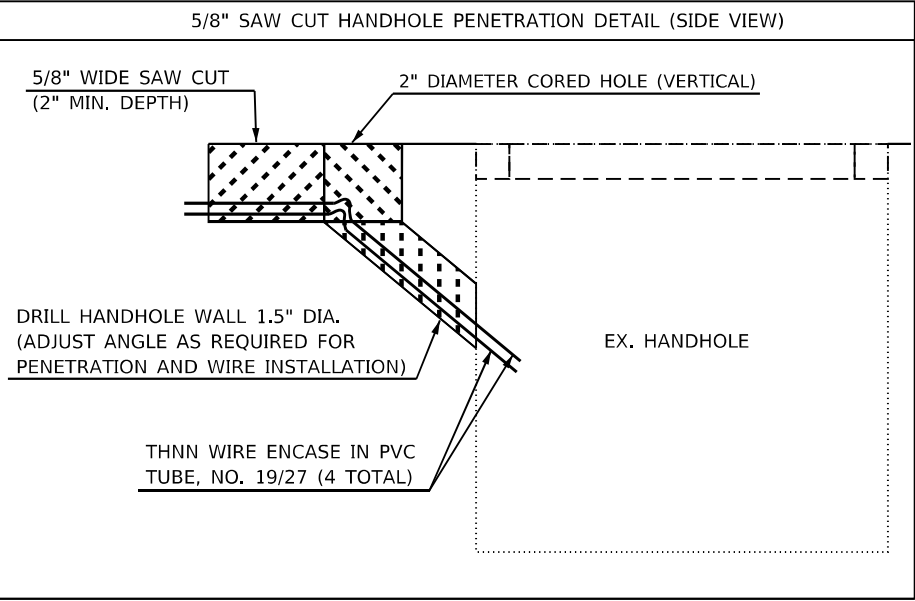
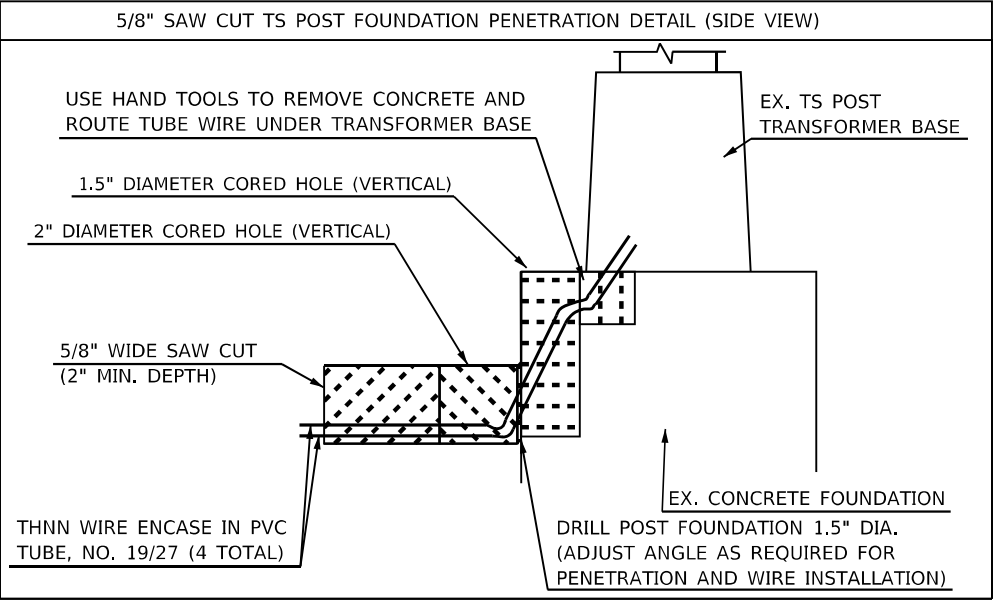
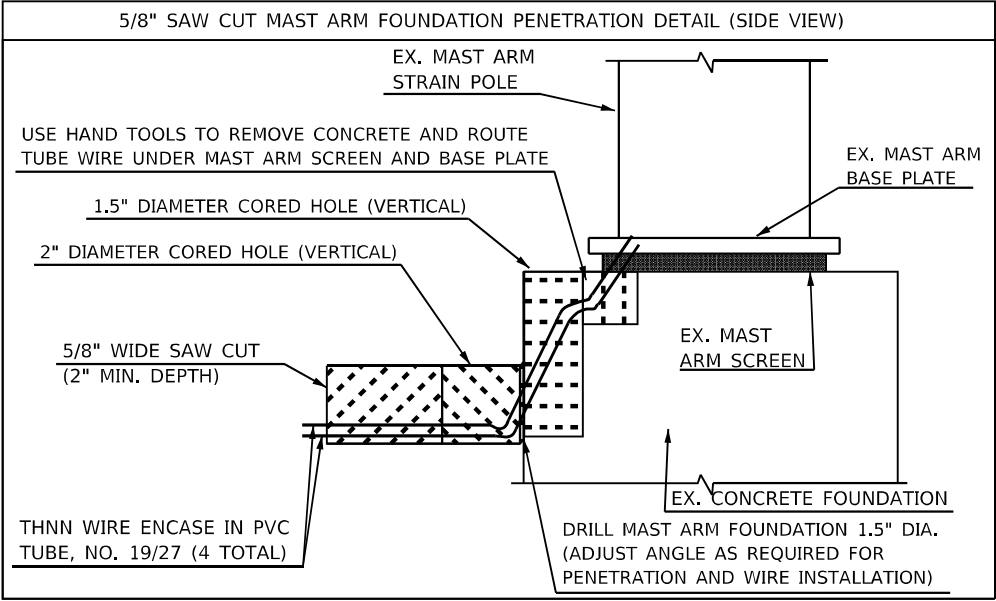
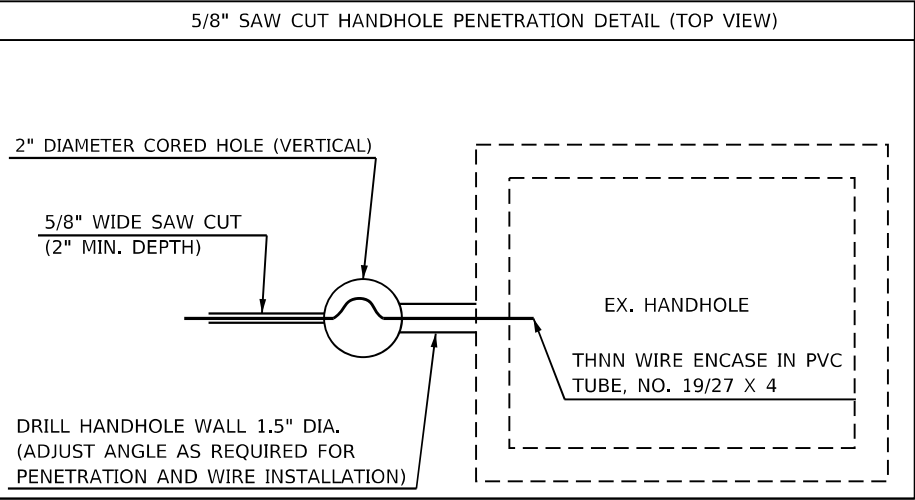
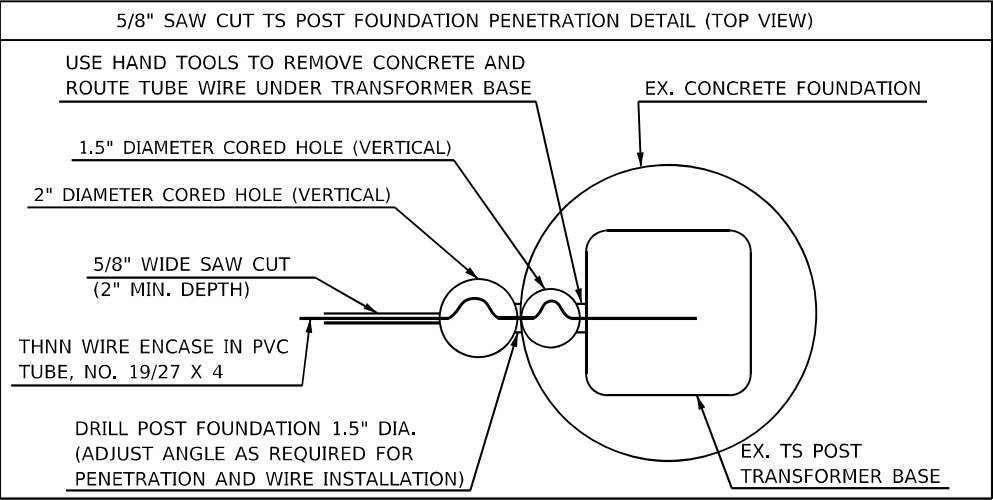
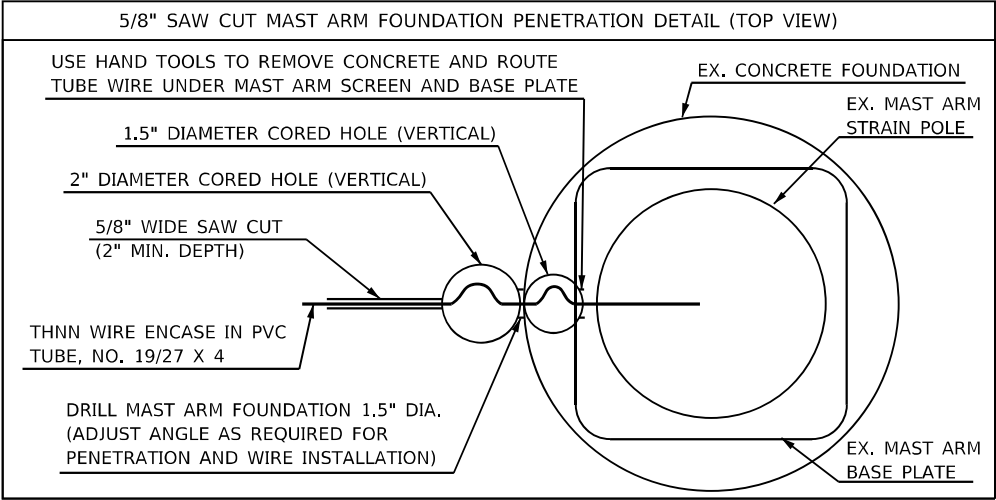
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PLOT SCALE = 23,8272 * / in.	DRAWN -	REVISED -
PLOT DATE = 6/29/2023	CHECKED -	REVISED -
	DATE -	REVISED -

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

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

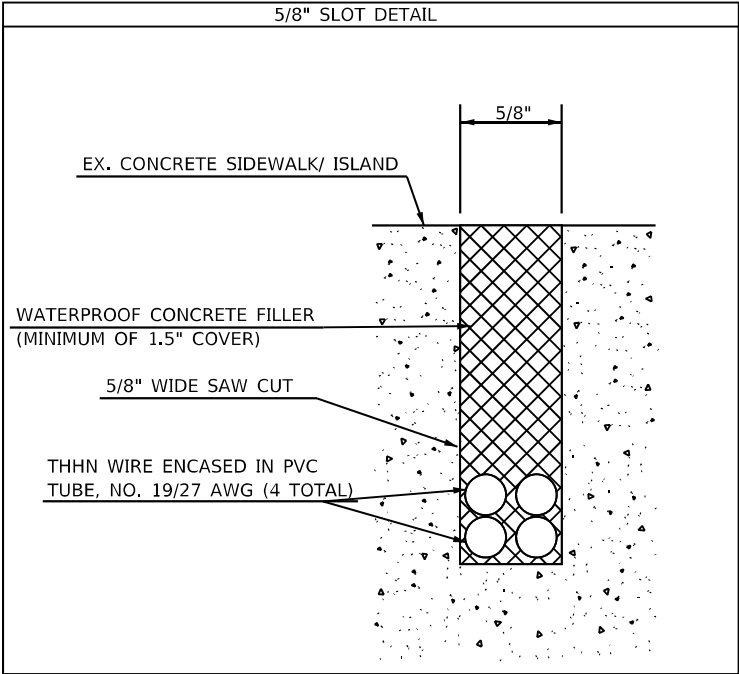
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F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR.	D4 ADA PUSHBUTTONS 2024	PEORIA	80	79
CONTRACT NO. 68H76				
ILLINOIS FED. AID PROJECT				



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NOT TO SCALE

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. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR.	D4 ADA PUSHBUTTONS 2024	PEORIA	80	80
CONTRACT NO. 68H76				
ILLINOIS FED. AID PROJECT				