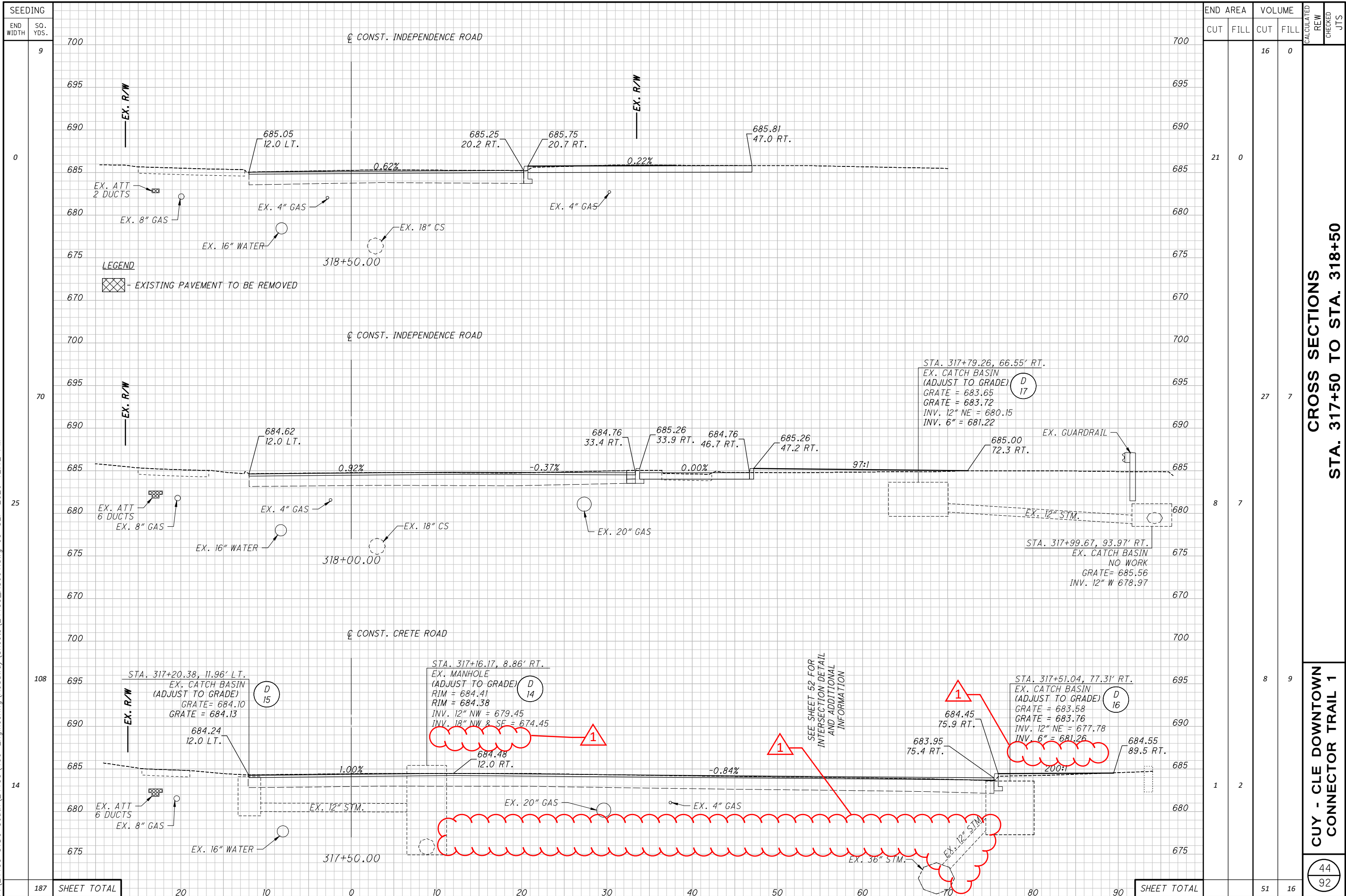


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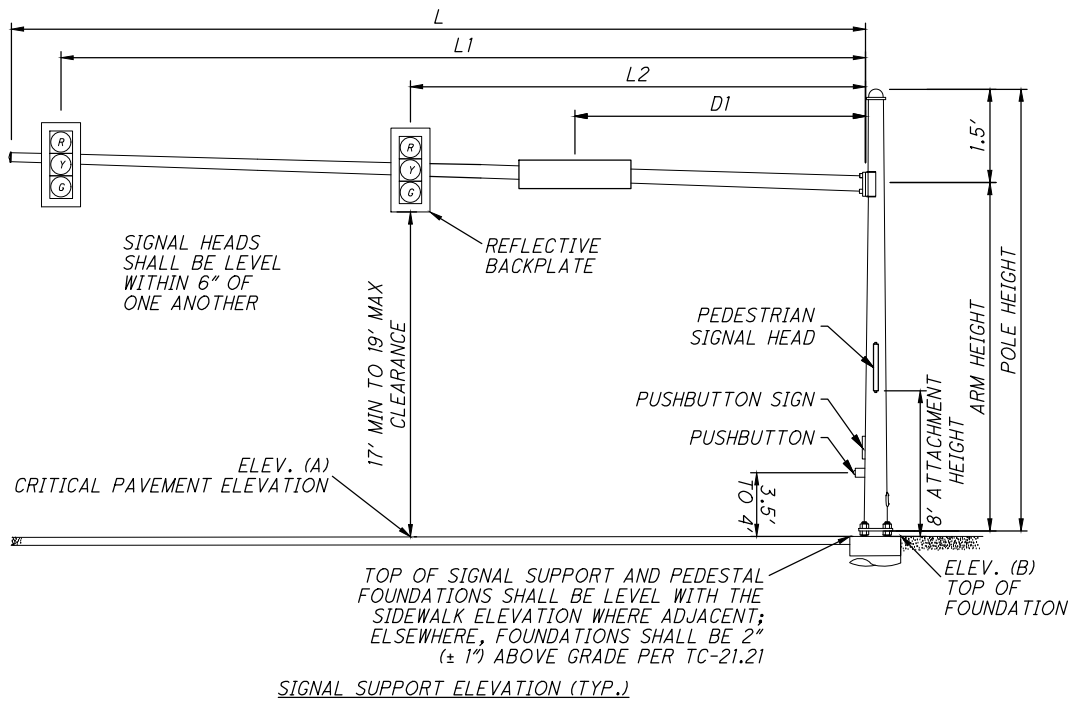


CROSS SECTIONS
STA. 317+50 TO STA. 318+50

CUY - CLE DOWNTOWN
CONNECTOR TRAIL 1

44
92

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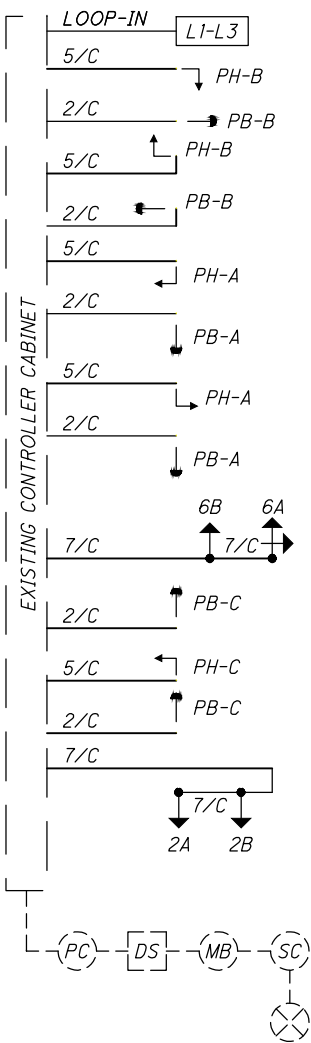
FIELD WIRING HOOK-UP CHART

SIGNAL HEAD	INDICATION	FIELD TERMINAL	FLASH
2A/2B (NB)	R	Ø2R	Y
	Y	Ø2Y	
	G	Ø2G	
6A (SB)	R	Ø6R	Y
	Y	Ø6Y	
	G	Ø6G	
	<--Y---	Ø1Y	
	<--G---	Ø1G	
6B (SB)	R	Ø6R	Y
	Y	Ø6Y	
	G	Ø6G	
PEDESTRIAN MOVEMENTS			
PED-A EAST	W	Ø8 PED/LS10G	OUT
	DW	Ø8 PED/LS10R	
PED-B NORTH	W	Ø2 PED/LS11G	OUT
	DW	Ø2 PED/LS11R	
PED-C WEST	W	Ø8 PED/LS12G	OUT
	DW	Ø8 PED/LS12R	
LS = LOAD SWITCH			

LEGEND

- 2/C PROP. 2 CONDUCTOR, NO. 14 AWG (LEAD-IN CABLE)
- 5/C PROP. SIGNAL CABLE, 5 CONDUCTOR, NO. 14 AWG
- 7/C PROP. SIGNAL CABLE, 7 CONDUCTOR, NO. 14 AWG
- EX. POWER SOURCE
- EX. POWER CABLE
- EX. METER BASE
- EX. SERVICE CABLE
- EX. SIGNAL DISCONNECT SWITCH
- NEW VEHICULAR SIGNAL 3-SECTION
- NEW VEHICULAR SIGNAL 5-SECTION
- NEW PEDESTRIAN SIGNAL HEAD
- NEW PEDESTRIAN PUSH BUTTON
- L# LOOP DETECTORS

WIRING DIAGRAM



NOTE:

WIRING DIAGRAM ONLY DEPICTS NEW OR REPLACED WIRES. EXISTING WIRE TO REMAIN SHALL NOT BE DISTURBED.

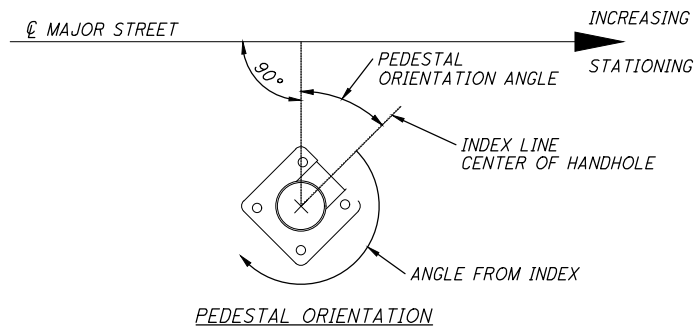
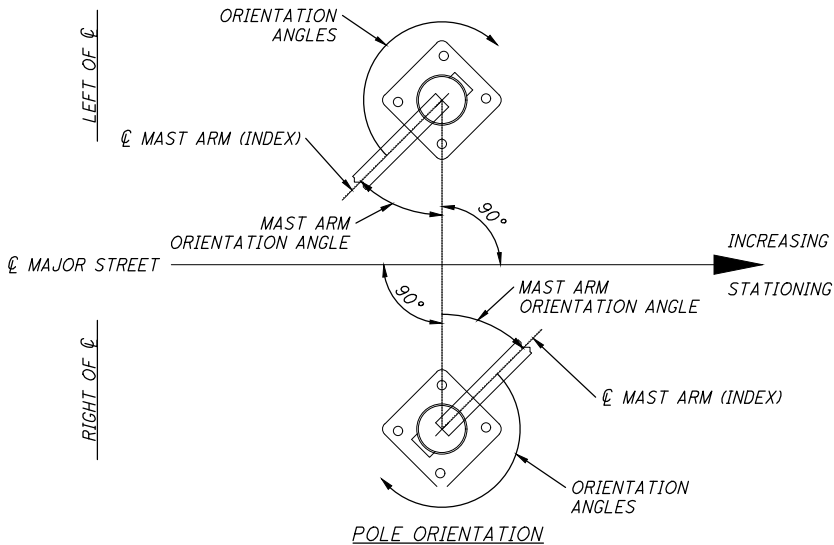
MAST ARM TABLE

SUPPORT NO.	STATION	OFFSET	ELEVATION		SIGNAL SUPPORT DETAILS								ORIENTATION ANGLES FROM MAST ARM A				
			A (Pavt. Elev.)	B (Top of Found.)	DESIGN TYPE	DESIGN NO.	POLE HEIGHT	ARM HEIGHT	L	L1	L2	D1	MAST ARM A ANGLE	PEDESTRIAN SIGNAL	PEDESTRIAN PUSHBUTTON	SUPPLEMENTAL SIGNAL	HANDHOLE
SP-1	313+00.44	55.5' RT	686.67	687.15	TC-81.22	4	21	19.5	36.5	32.5	20.5	10.5	0	90	90	-	-
SP-2 (A)	312+32.83	23.5' LT	EX.	EX.	EX.	EX.	EX.	EX.	44	32.5	20.5	10.5	EX.	-	-	-	-
SP-2 (B)	312+32.83	23.5' LT															
PP-1	312+90.98	75.0' RT	-	686.89	PED	-	10.7	-	-	-	-	-	-	180	180	-	0
PP-2	312+23.85	85.0' RT	-	686.84	PED	-	10.7	-	-	-	-	-	-	134	134	-	222
PP-3	312+16.35	67.0' RT	-	686.29	PED	-	10.7	-	-	-	-	-	-	180	180	-	90
PP-4	312+16.36	23.5' LT	-	685.30	PED	-	10.7	-	-	-	-	-	-	180	180	-	270
EX. PED	NW CORNER	-	-	EX.	PED	-	EX.	-	-	-	-	-	-	EX.	90	-	180

TRAFFIC SIGNAL DETECTOR CHART

LOOP DESIGNATION	LOOP CONFIGURATION *	SIZE (FT.)	PULSE OR PRESENCE	DELAY PROGRAMMED IN CONTROLLER (SEC.)	EXTENSION PROGRAMMED IN CONTROLLER (SEC.)	CONNECT TO DETECTOR UNIT (UNIT-CHANNEL)	ASSOCIATED CONTROLLER PHASE
L1	P	6' x 35'	PRESENCE	3	-	-	6
L2	P	6' x 35'	PRESENCE	10	-	-	8
L3	P	6' x 35'	PRESENCE	10	-	-	8
-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-

* Configurations: Powerhead (P), Quadropole (Q), Angular Design Detector (ADD), or Rectangular (R); per SCD TC-82.10.



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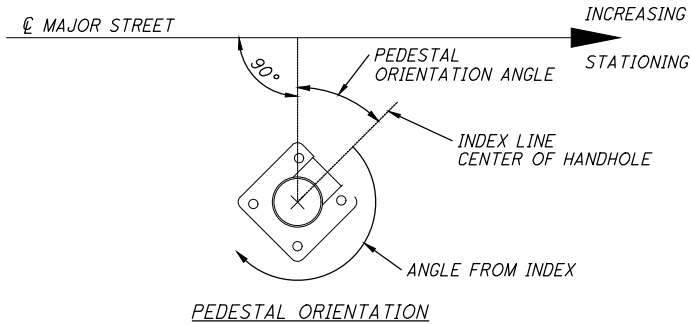
FIELD WIRING HOOK-UP CHART

PEDESTRIAN MOVEMENTS			
PED-A NORTH	W	Ø2 PED/LS10G	OUT
	DW	Ø2 PED/LS10R	
PED-B WEST	W	Ø8 PED/LS11G	OUT
	DW	Ø8 PED/LS11R	
LS = LOAD SWITCH			

MAST ARM TABLE

SUPPORT NO.	STATION	OFFSET	ELEVATION		SIGNAL SUPPORT DETAILS								ORIENTATION ANGLES FROM MAST ARM A				
			A (Pavt. Elev.)	B (Top of Found.)	DESIGN TYPE	DESIGN NO.	POLE HEIGHT	ARM HEIGHT	L	L1	L2	D1	MAST ARM A ANGLE	PEDESTRIAN SIGNAL	PEDESTRIAN PUSHBUTTON	SUPPLEMENTAL SIGNAL	HANDHOLE
PP-1	317+18.77	32.5' RT	-	684.91	PED	-	10.7	-	-	-	-	-	-	180	180	-	0
PP-2	317+96.06	48.0' RT	-	684.94	PED	-	10.7	-	-	-	-	-	-	180, 270	180, 270	-	180
EX. PED	318+13.74	16.0' LT	-	EX.	PED	-	EX.	-	-	-	-	-	-	EX.	270	-	180

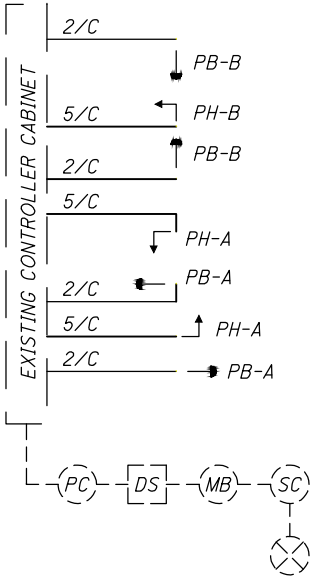
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LEGEND

- 2/C PROP. 2 CONDUCTOR, NO. 14 AWG (LEAD-IN CABLE)
- 5/C PROP. SIGNAL CABLE, 5 CONDUCTOR, NO. 14 AWG
- EX. POWER SOURCE
- EX. POWER CABLE
- EX. METER BASE
- EX. SERVICE CABLE
- EX. SIGNAL DISCONNECT SWITCH
- NEW PEDESTRIAN SIGNAL HEAD
- NEW PEDESTRIAN PUSH BUTTON

WIRING DIAGRAM



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