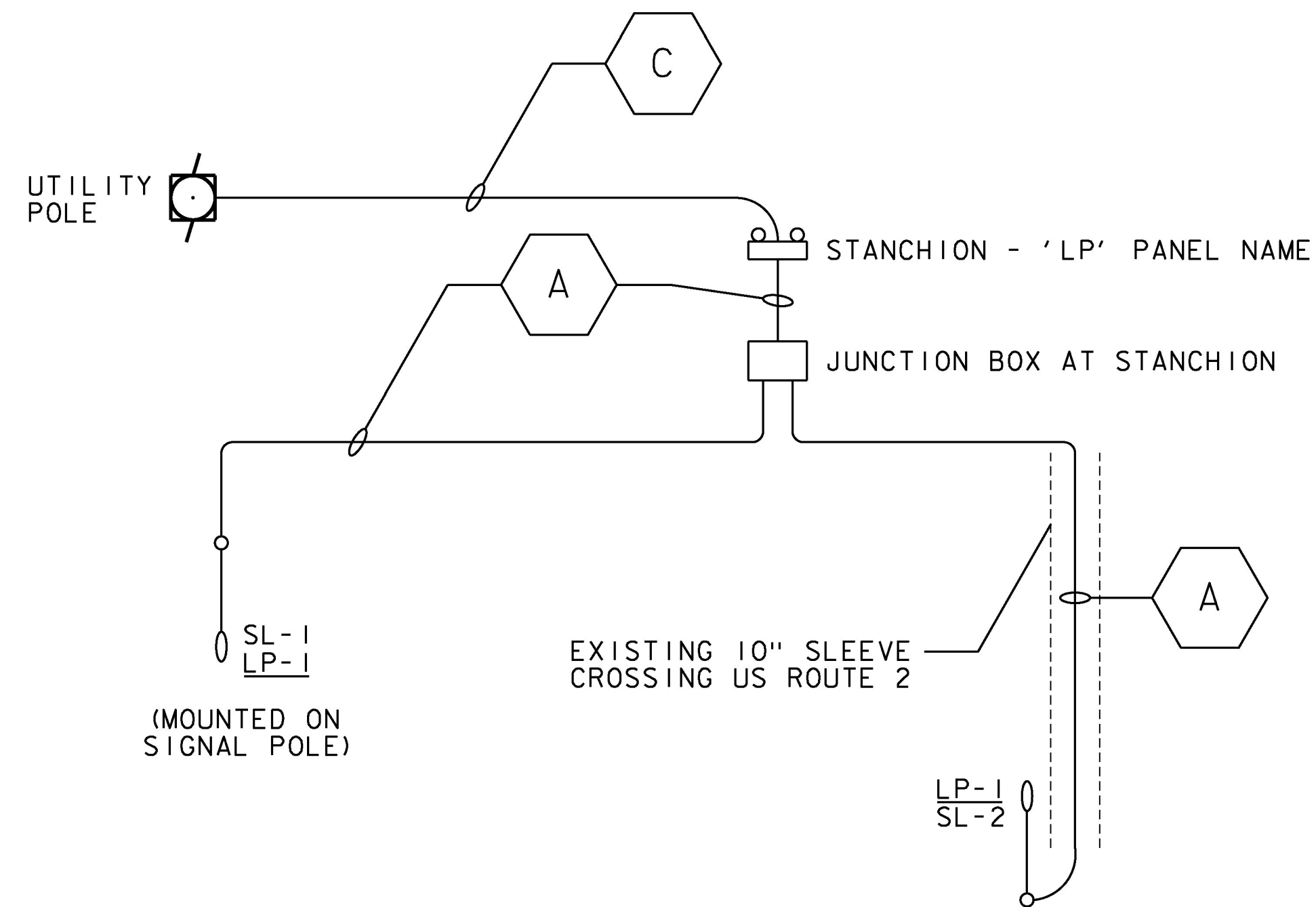
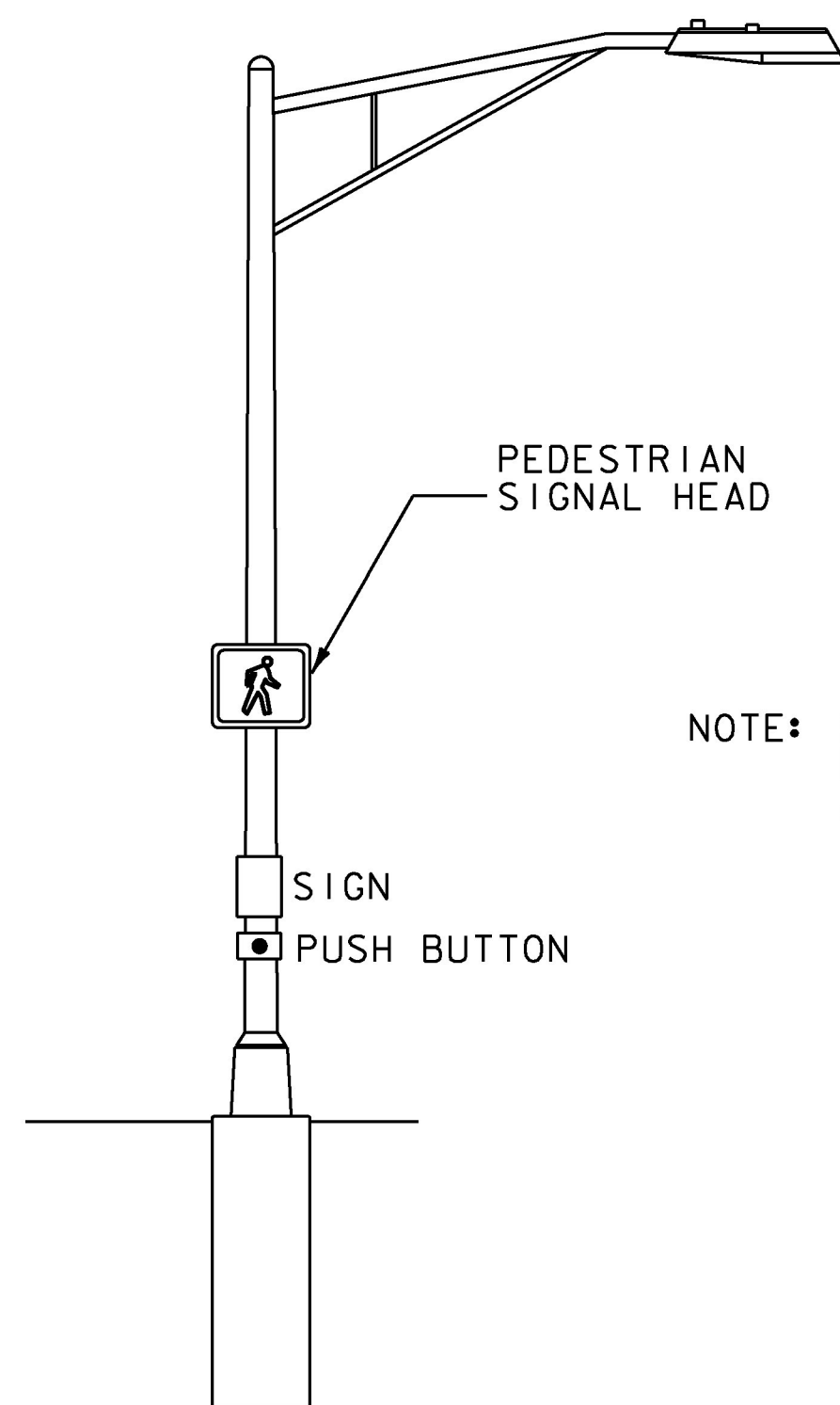


STREET LIGHTING GENERAL NOTES

1. BRACKET ARMS SHALL BE DESIGNED IN ACCORDANCE WITH THE 2013 AASHTO STANDARD SPECIFICATIONS FOR STRUCTURAL SUPPORTS FOR HIGHWAY SIGNS, LUMINAIRES AND TRAFFIC SIGNALS AND ITS LATEST REVISIONS.
2. STREET LIGHT ASSEMBLIES SHALL BE PAINTED FLAT BLACK AND HAVE FLAT BLACK HOUSINGS. FINISHES SHALL BE PER SECTION 679 OF THE LATEST SPECIFICATIONS FOR CONSTRUCTION.
3. LUMINAIRES
 - A. LUMINAIRES SHALL BE ONE OF THE FOLLOWING ONLY:
 1. BETA LEDWAY IP-SERIES
 2. HOLOPHANE LEDGENDS SERIES
 3. LRL LED SAT-96M SERIES
 - B. NO SUBSTITUTIONS FOR LUMINAIRES SHALL BE ALLOWED.
 - C. ALL LUMINAIRE HOUSINGS SHALL BE EQUIPPED WITH BIRD SPIKES.
4. ALL BRACKET ARMS SHALL BE TRUSS TYPE ONLY.
5. WIRING AND GROUNDING
 - A. CIRCUIT CONDUCTORS SHALL BE CLEARLY IDENTIFIED BY CORROSION RESISTANT TAGS INDICATING CIRCUIT NUMBER AND PANEL SOURCES AT EVERY LIGHT POLE AND HANDHOLE.
 - B. ALL CONDUIT MUST INCLUDE A GROUNDING CONDUCTOR. RIGID STEEL CONDUIT SHALL BE PROPERLY CONNECTED AT THE JOINTS SO AS TO BE WATERTIGHT AND MAINTAIN ELECTRICAL CONTINUITY AND HAVE GROUNDING BUSHINGS SO AS TO ACT AS A GROUNDING CONDUCTOR.
 - C. THE GROUNDING CONDUCTOR SHALL BE CONTINUOUS.
 - D. ALUMINUM WIRE SHALL NOT BE USED FOR GROUND WIRE.
6. SEE STANDARD DRAWINGS T-133 AND T-134 FOR ADDITIONAL INFORMATION.
7. ILLUMINATION REQUIREMENTS - AT INTERSECTIONS, LIGHTING LEVELS AS MEASURED AT THE ROADWAY SURFACE SHALL HAVE AN AVERAGE MAINTAINED ILLUMINANCE OF 0.9 FOOTCANDLES AND A 3:1 UNIFORMITY AT ISOLATED INTERSECTION OF MAJOR ROADWAY WITH R2/R3 PAVEMENT.
8. STREET LIGHT POLE HEIGHT IS 34' AND BRACKET ARM LENGTH IS 6'.



ONE-LINE DIAGRAM
NOT TO SCALE



NOTE: SEE VAOT STANDARD DRAWINGS E-170, T-133 AND T-134 FOR ADDITIONAL INFORMATION

STREET LIGHT WITH PEDESTRIAN SIGNAL DETAIL
NOT TO SCALE

KEY	CONDUIT	CIRCUIT	GROUND
A	1"	LIGHTS 2 #12	#12G
C	3"	SERVICE 3 #2	1#8G

CONDUIT SCHEDULE

PROJECT NAME:	EAST MONTPELIER
PROJECT NUMBER:	BRF 037-I(7)
FILE NAME:	z98b252photometric.dgn
PROJECT LEADER:	T. KNIGHT
DESIGNED BY:	M. CROWLEY
STREET LIGHT NOTES - SLN	
PLOT DATE:	2/21/2017
DRAWN BY:	S. NEELY
CHECKED BY:	K. RICHARDSON
SHEET	64 OF 158

