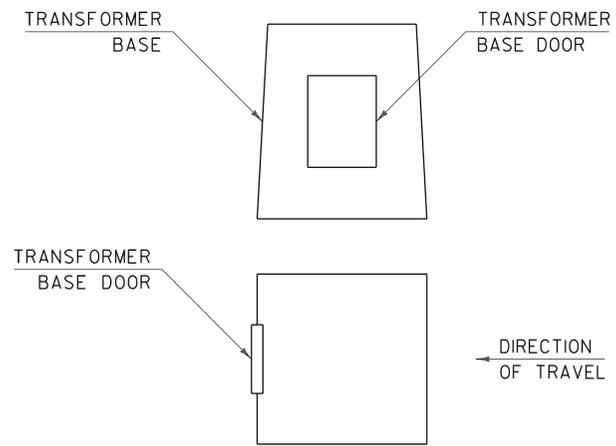


LIGHT POLE DETAIL

NOTE:

1. STREET LIGHTING SHALL BE INSTALLED SO THAT THE TRANSFORMER BASE IS SIX FEET FROM EDGE OF PAVEMENT OR FACE OF CURB (WHICHEVER APPLIES), UNLESS OTHERWISE NOTED IN THE PLANS.
2. MOUNTING HEIGHT (H) SHALL BE TO THE SURFACE BEING ILLUMINATED DIRECTLY BELOW THE LUMINAIRE.



TRANSFORMER BASE DETAIL

#SLX-ZZZW-LED

LIGHT POLE TAG DETAIL

NOTES:

1. A LIGHT POLE TAG SHALL BE ATTACHED TO ALL LIGHT POLES, EXCEPT ORNAMENTAL POLES.
2. THE LIGHT POLE TAG SHALL BE NATURAL ALUMINUM OR PAINTED FLAT BLACK. WHEN PAINTED, ALL PUNCHING, STAMPING, ENGRAVING AND PHOTO-ETCHING SHALL BE DONE PRIOR TO PAINTING.
3. THE LIGHT POLE TAG SHALL BE WELDED, RIVETED OR BOLTED (WITH VANDAL PROOF BOLTS IF BOLTED) TO THE LIGHT POLE.
4. THE BASE MATERIAL FOR LIGHT POLE TAG SHALL BE ALUMINUM WITH A MINIMUM THICKNESS OF 0.10 INCHES.
5. THE CHARACTERS ON THE LIGHT POLE TAG SHALL BE PUNCHED, STAMPED, ENGRAVED OR PHOTO-ETCHED. STAMPING OR ENGRAVING SHALL PENETRATE A MINIMUM OF HALF THE THICKNESS OF THE BASE MATERIAL.
6. THE LIGHT POLE TAG SHALL BE ATTACHED TO THE POLE DIRECTLY ABOVE THE HANDHOLE, WITH THE TOP OF THE LIGHT POLE TAG FOUR FEET ABOVE THE TOP OF THE TRANSFORMER BASE.
7. LIGHT POLE TAG CHARACTER "X" SHALL BE THE DESIGNATED STREET LIGHT NUMBER (SL) AS SHOWN ON THE LIGHTING PLANS.
8. LIGHT POLE TAG CHARACTER "ZZZ" SHALL BE THE WATTAGE OF THE LUMINAIRE.

GENERAL NOTES:

1. TRANSFORMER BASES SHALL INCLUDE THE TRANSFORMER BASE AND ALL HARDWARE REQUIRED TO MOUNT THE LIGHT POLE TO THE TRANSFORMER BASE.
2. LIGHT POLE SHALL INCLUDE POLE SHAFT, ANCHOR BASE, CAP AND LIGHT POLE TAG.
3. LIGHT POLES SHALL BE TAPERED AND SHALL BE CONSTRUCTED OF ALUMINUM.
4. ALL LIGHT POLES SHALL BE MOUNTED ON COMPATIBLE TRANSFORMER BASES.
5. TRANSFORMER BASES SHALL NOT OVERHANG THE LIGHT POLE FOUNDATION.
6. TRANSFORMER BASES AND ALL HARDWARE CONTAINED WITHIN THE TRANSFORMER BASES SHALL BE BREAKAWAY AND CONFORM TO THE REQUIREMENTS OF THE NATIONAL ELECTRICAL CODE (NEC) AND LOCAL AND STATE CODES. THIS MATERIAL AND WORK SHALL BE SUBJECT TO INSPECTION AND APPROVAL BY THE AREA ELECTRICAL INSPECTOR AND/OR THE POWER COMPANY WITH JURISDICTION IN THE PROJECT AREA AND VTRANS SIGNAL TECHNICIANS.
7. LUMINAIRES SHALL BE AS SPECIFIED IN THE PLANS.
8. ALL ELECTRICAL MATERIAL AND ELECTRICAL WORK SHALL MEET THE REQUIREMENTS OF THE NATIONAL ELECTRICAL CODE (NEC) AND LOCAL AND STATE CODES. THIS MATERIAL AND WORK SHALL BE SUBJECT TO INSPECTION AND APPROVAL BY THE AREA ELECTRICAL INSPECTOR AND/OR THE POWER COMPANY WITH JURISDICTION IN THE PROJECT AREA AND VTRANS SIGNAL TECHNICIANS.
9. ALL WELDS SHALL CONFORM TO THE REQUIREMENTS OF THE CURRENT "AMERICAN WELDING SOCIETY" (AWS) D1.2 "STRUCTURAL WELDING CODE - ALUMINUM".
10. BRACKET ARMS SHALL BE THE SINGLE MEMBER TYPE FOR LIGHT-EMITTING DIODE (LED) LUMINAIRES.
11. POLES FOR ORNAMENTAL LIGHTING SHALL BE AS SPECIFIED IN THE PLANS.

REV.	DATE	DESCRIPTION
0	DEC. 21, 2015	ORIGINAL APPROVAL
OTHER STANDARDS REQUIRED: T-133		
VTRANS AND FHWA APPROVAL ON FILE WITH CONTRACT ADMINISTRATION		

LIGHT POLE & TRANSFORMER BASE DETAILS



**STANDARD
T-134**