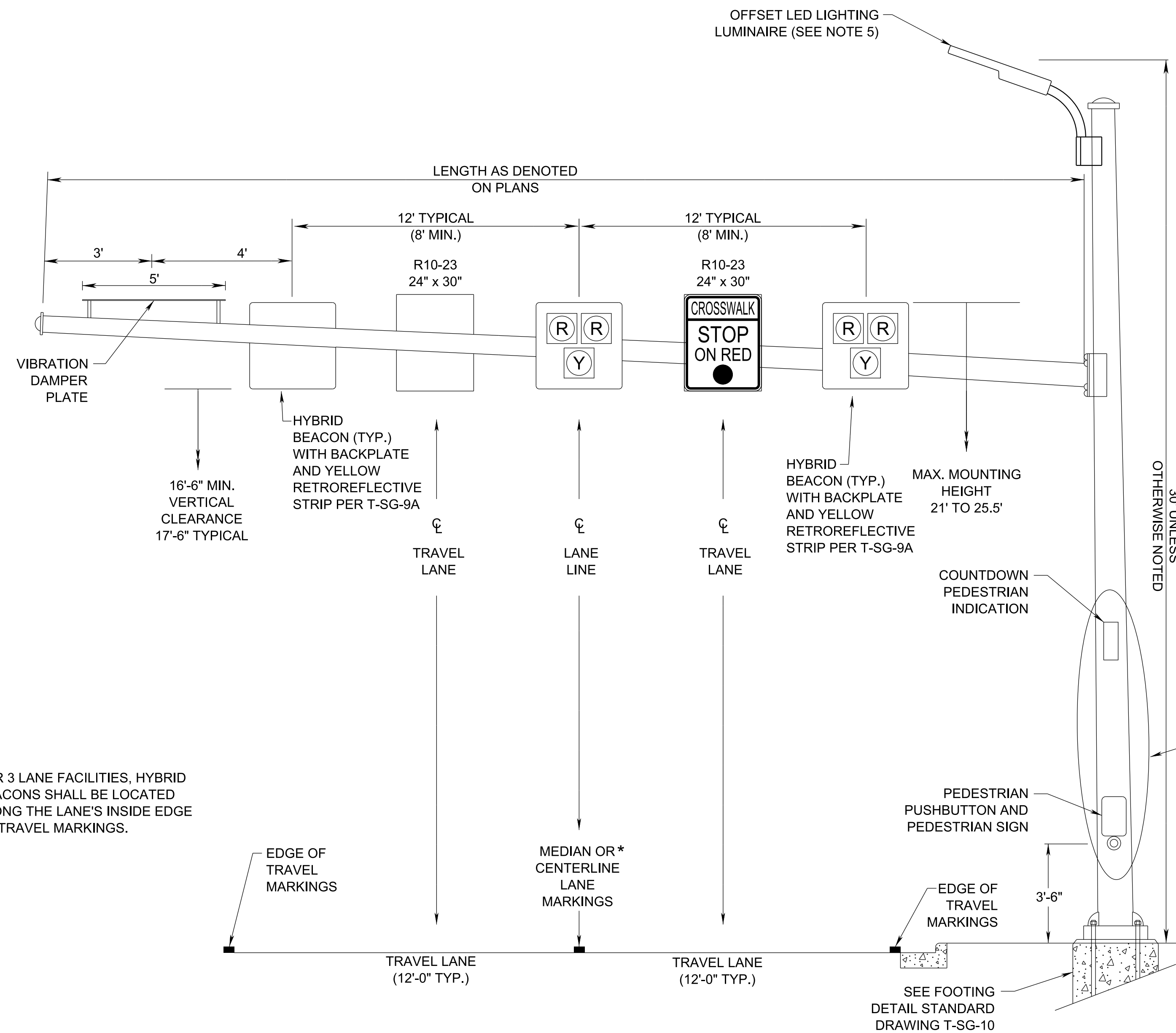


9/18/2024 8:46:52 AM \\LAG03DC\WF00008.net\ads.state.tn.us\3SHARED\Traffic Operations Division\Traffic\DESIGN\Standard Drawings\Signals (S)\IN PROGRESS\TS04_091024.dgn



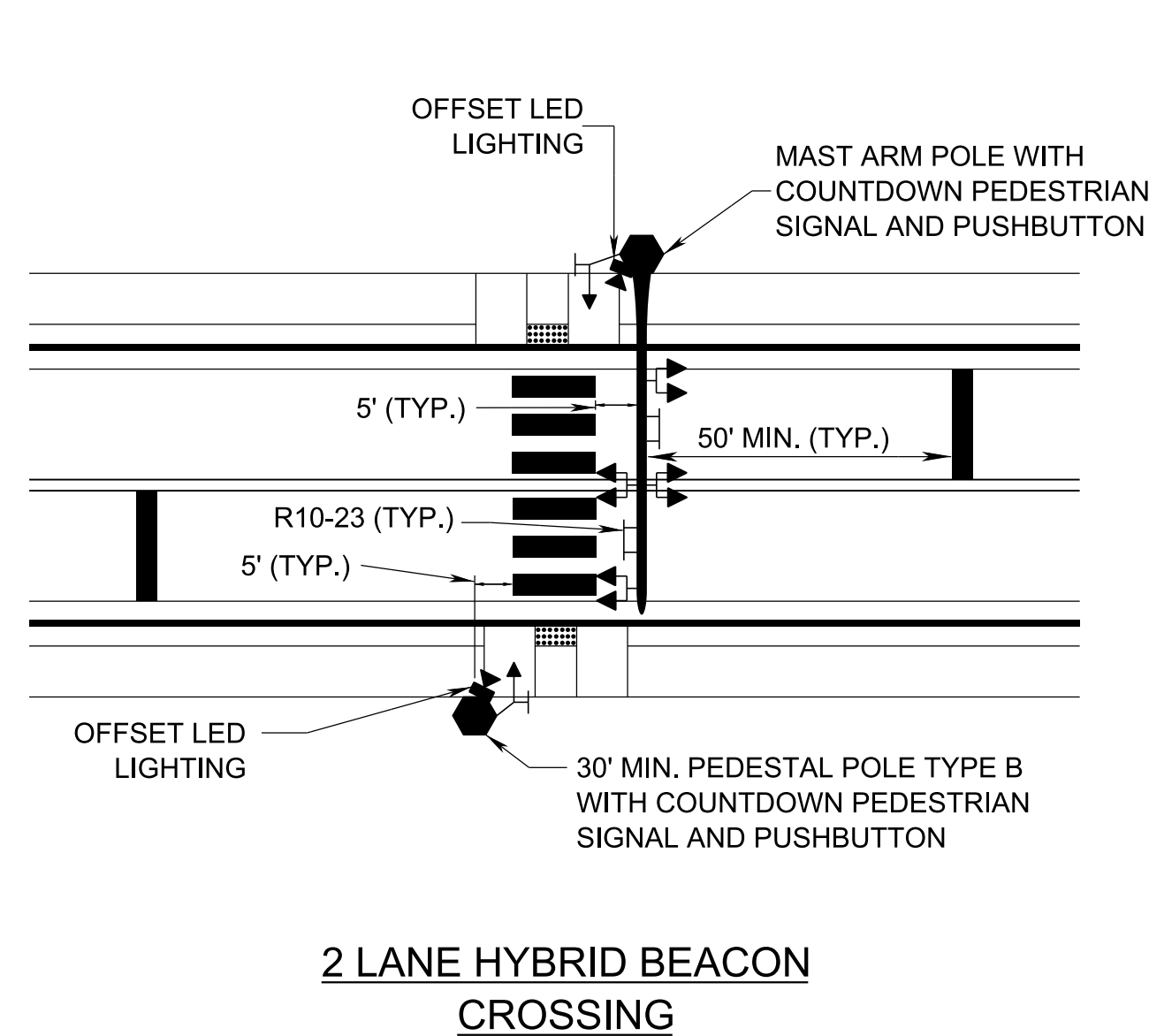
*FOR 3 LANE FACILITIES, HYBRID BEACONS SHALL BE LOCATED ALONG THE LANE'S INSIDE EDGE OF TRAVEL MARKINGS.

GENERAL NOTES

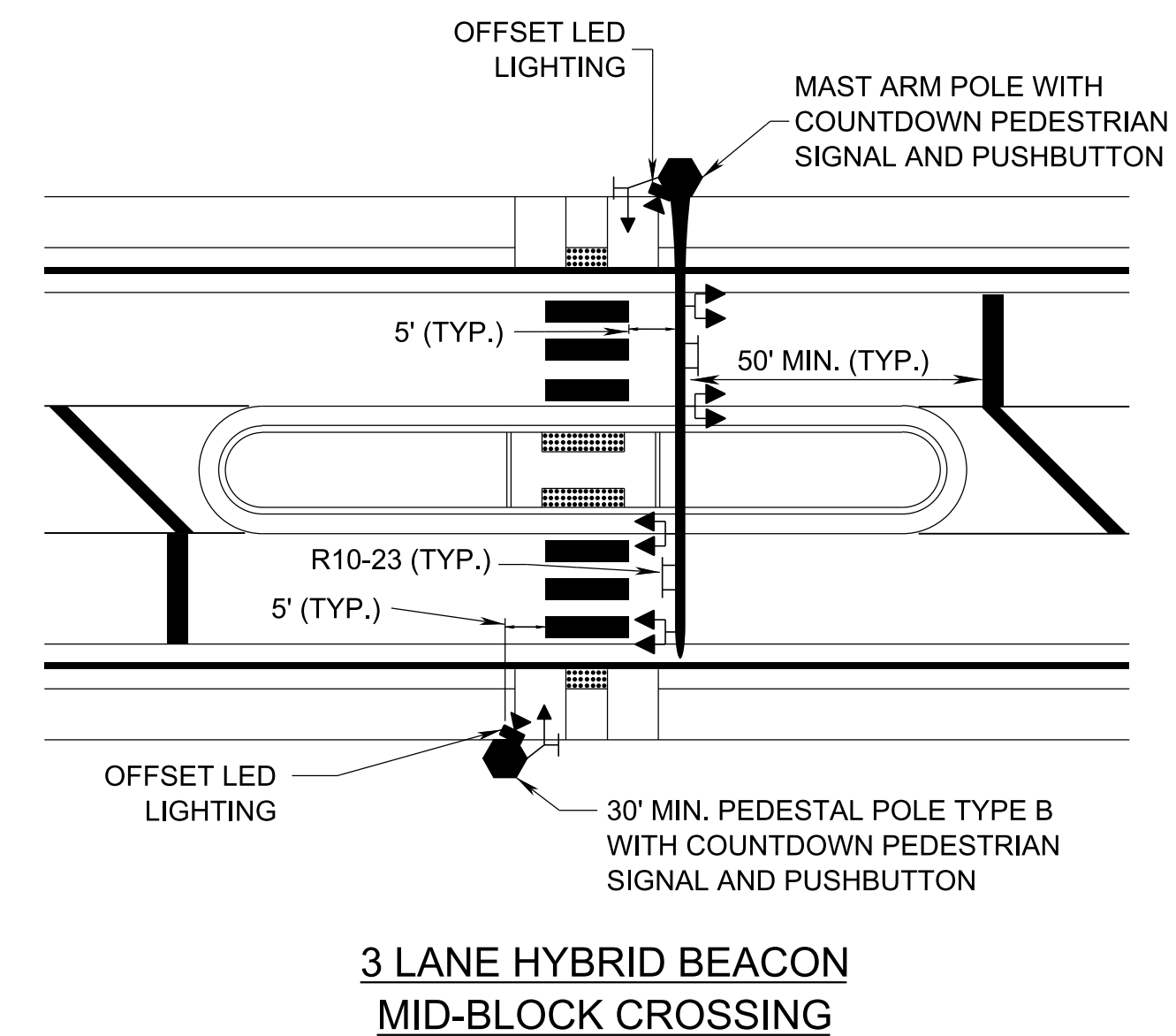
1. THE R10-23 SIGN SHALL BE CENTERED BETWEEN THE HYBRID BEACON INDICATIONS.
2. IF PEDESTRIAN CLEARANCE TIME ONLY ALLOWS MEDIAN CROSSING, AN ADDITIONAL PEDESTRIAN PUSHBUTTON SHALL BE PROVIDED IN THE MEDIAN WHEN CROSSING IS PEDESTRIAN ACTUATED.
3. IF NECESSARY, A PEDESTRIAN PUSHBUTTON POST MAY BE REQUIRED TO MEET MUTCD REQUIREMENTS.
4. STREET LIGHTING IS REQUIRED AND SIGNAL MOUNTED LIGHTING SHALL BE INSTALLED AT THE ANGLE NOTED IN THE PLANS TOWARDS THE CROSSWALK.
5. THE OFFSET LED LIGHTING LUMINAIRE SHALL BE MOUNTED AT 30 FEET.
6. PEDESTRIAN PUSHBUTTONS SHALL BE INSTALLED IN COMPLIANCE WITH SECTION 4E.08, THROUGH 4E.13 OF THE MUTCD.
7. FOR ADDITIONAL INFORMATION ON MAST ARM POLE REQUIREMENTS, REFER TO TDOT STANDARD DRAWING T-SG-9 AND TDOT TRAFFIC DESIGN MANUAL, CHAPTER 9.
8. FOR ADDITIONAL INFORMATION ON SIGNALIZED MID-BLOCK CROSSING SITE REQUIREMENTS REFER TO TDOT STANDARD DRAWING T-M-4B.
9. ITEM NO. 730-50.25 SHALL INCLUDE ALL EQUIPMENT AND WORK NECESSARY TO INSTALL TWO (2) OVERHEAD PEDESTRIAN HYBRID BEACONS AND A R10-23 SIGN. THE ASSEMBLY INCLUDES MOUNTING BRACKETS, HARDWARE, WIRING, AND ANY OTHER INCIDENTAL ITEMS FOR A COMPLETE AND FULLY OPERATIONAL SYSTEM.
10. THE CONTRACTOR SHALL COORDINATE WITH THE LOCAL UTILITY OWNER TO OBTAIN THE ESTIMATE FOR ANY CHARGES PROVIDING ELECTRICAL SERVICE CONNECTION TO THE PROPOSED SIGNAL CONTROLLER AS WELL AS THE PROPOSED LUMINAIRES ON PROPOSED SIGNAL POLES. THESE CHARGES AND THE COST FOR ALL ITEMS, INCLUDING A 15 AMP CIRCUIT BREAKER INSIDE THE CONTROLLER CABINET (IF NO EXISTING LIGHTING CONTROL CENTER IS WITHIN 200 FEET), TYPE C PULL BOXES, LIGHTING CONDUIT AND INSTALLATION (TRENCH/BORE, IF NECESSARY), AND #8 AWG WIRING SHALL BE INCLUDED UNDER ITEM NO. 730-05.06.
11. COST OF LUMINAIRE TO BE INCLUDED UNDER ITEM NO. 730-23.XX OR 730-25.XX.
12. PAYMENT

730-05.06,	ELECTRICAL SERVICE CONNECTION (PHB),	PER EACH.
730-23.XX	OR	
730-25.XX,	CANTILEVER SIGNAL SUPPORT,	PER EACH,
730-50.25,	PEDESTRIAN HYBRID BEACON ASSEMBLY,	PER EACH.

REV. 3-15-23:REVISED ITEM NO. FOR "PEDESTRIAN HYBRID BEACON ASSEMBLY" AND REVISED "GENERAL NOTES" NO. 9 TO UPDATED ITEM NO.
 REV. 9-10-24: UPDATED FOOTNOTES "GENERAL NOTES". REVISED LUMINAIRE LABEL AND DIMENSION.



2 LANE HYBRID BEACON CROSSING



3 LANE HYBRID BEACON MID-BLOCK CROSSING

NOT TO SCALE

STATE OF TENNESSEE DEPARTMENT OF TRANSPORTATION	
PEDESTRIAN HYBRID BEACON DETAIL 2 OR 3 LANE FACILITIES	
10-03-22	T-SG-14