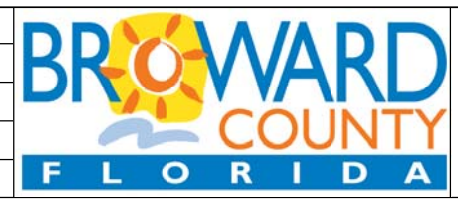


- NOTES:**
- ALUMINUM POLE SHALL BE ASTM B221, ALLOY 6063-T6 OR ALLOY 6061-T6
 - CAPS AND COVERS SHALL BE ASTM B-26, ALLOY 319-F
 - ALUMINUM WELD MATERIAL SHALL BE ER 4043
 - TRANSFORMER AND FRANGIBLE BASE MATERIAL SHALL BE ASTM B26 OR ASTM B108, ALLOY 356-T6
 - SHOE BASE BOLTS, NUTS AND WASHERS
SHOE BASE BOLTS: ASTM F3125, GRADE A325, TYPE 1
NUTS: ASTM A563 GRADE A HEAVY-HEX
PLATE WASHERS: ASTM A36
 - STAINLESS STEEL FASTENERS: ASTM F593 ALLOY GROUP 2, CONDITION A, CW1 OR SH1
 - THIS STRUCTURE IS DESIGNED TO RESIST WIND FORCES AND MOMENTS RESULTING FROM A 160 MPH WIND SPEED.
 - THE FOUNDATION DESIGN IS BASED ON THE FOLLOWING MINIMUM SOIL CRITERIA:
- CLASSIFICATION = COHESIONLESS FINE SAND
- ANGLE OF INTERNAL FRICTION 28 DEGREES OR GREATER
- EFFECTIVE SOIL DENSITY (SUBMERGED) 47 POUNDS PER CUBIC FOOT
- "N" VALUE = 8 BLOWS PER FOOT
- IF PEAT OR MUCK IS ENCOUNTERED DURING THE DRILLED SHAFT CONSTRUCTION THE EMBEDMENT LENGTH OF THE FOUNDATION SHALL BE INCREASED BY THE THICKNESS OF THE PEAT OR MUCK.
 - ATTACHMENT OF THE TRAFFIC SIGNALS TO ALUMINUM POLE SHALL BE A MOUNTING BRACKET, 1-WAY UPPER AND LOWER ARM ASSEMBLY AND LARGE POLE HUB PLATES. SHOP DRAWINGS FOR THE MOUNTING BRACKETS SHALL BE SUBMITTED FOR APPROVAL.
 - TRAFFIC SIGNAL INDICATIONS SHALL BE L.E.D. AND HAVE TUNNEL VISORS.
 - TRAFFIC SIGNAL HOUSING DOORS SHALL OPEN IN OPPOSITE DIRECTIONS, AWAY FROM POLE.

NOT TO SCALE

REVISIONS	
DATE	DESCRIPTION
12-10-2015	N/A
06-12-2018	N/A
12-09-2019	N/A



PUBLIC WORKS DEPARTMENT
TRAFFIC ENGINEERING DIVISION

**PEDESTAL MOUNTED
SIGNAL DETAILS**

**SHEET
NO.
1 OF 1**