

I. MATERIALS

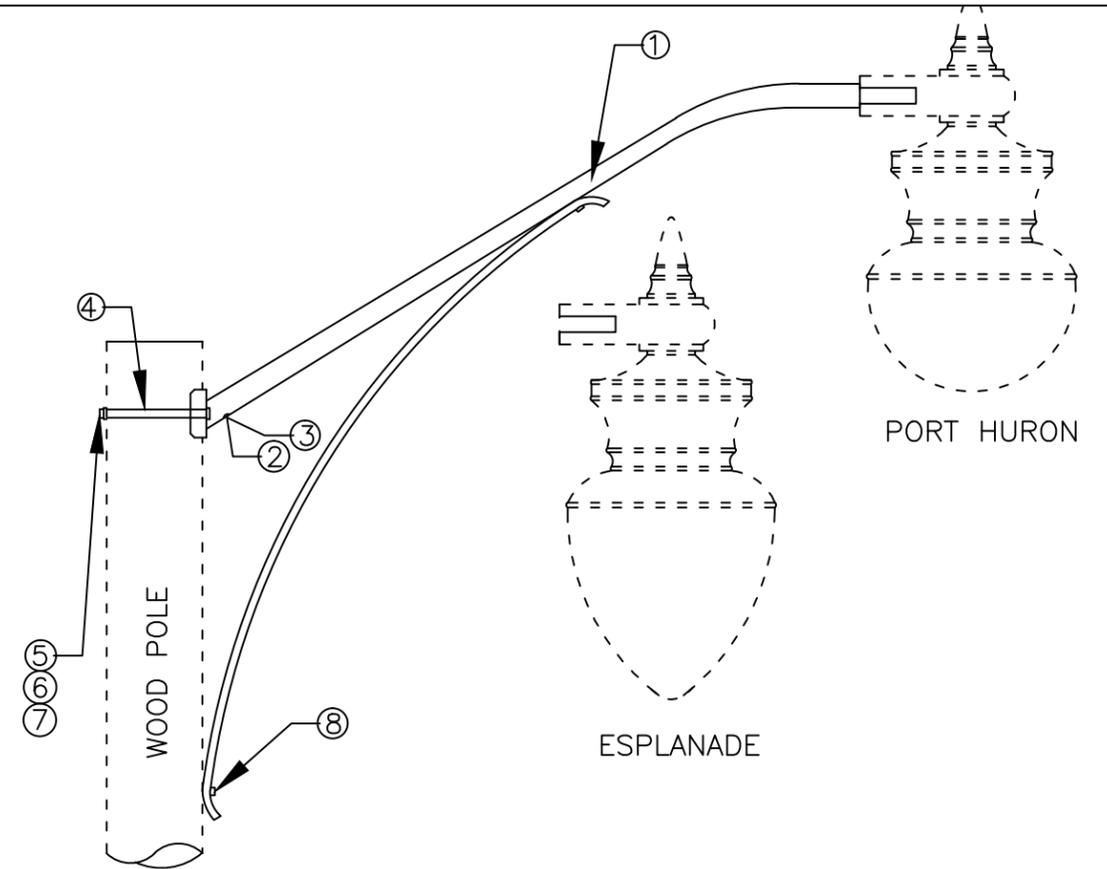
- A. THE ALUMINUM BRACKET SHALL BE FABRICATED FROM 2-1/2" SCH. 80 PIPE ALLOY 6063-T6. IT SHALL HAVE A RISE OF 30" AND BE CAPABLE OF SUPPORTING LUMINAIRES WEIGHING UP TO 60 POUNDS WITH AN EFFECTED PROJECTED AREA OF 2 SQUARE FEET. THE BRACKET SHALL HAVE A 2" NPS X 6" SLIPFITTER. A 1" WIRE HOLE WITH GROMMET SHALL BE PROVIDED ON THE BOTTOM OF THE BRACKET NEAR THE MOUNTING PLATE. A 2" X 3/4" X 1/4" ALUMINUM CHANNEL SCROLL SHALL BE ATTACHED TO THE BOTTOM OF THE BRACKET BY A 1/2" S.S. BOLT. THE BRACKET AND SCROLL SHALL HAVE A DARK GREEN POWDER COAT FINISH #73737-040 TO MATCH THE LUMINAIRE. THE BRACKET SHALL BE HAPCO # A76306 OR APPROVED EQUAL.
- B. THE WIRE SHALL BE #10 AWG 7 STRAND COPPER, 600 V TYPE XHHW SINGLE CONDUCTOR.
- C. THE COMPRESSION CONNECTORS SHALL BE BURNDY #YPC2A8U OR APPROVED EQUAL.

II. INSTALLATION

- A. THE INSTALLATION SHALL BE AS SHOWN IN THE CONTRACT DRAWINGS AND AS INDICATED IN THE FIELD BY THE FIELD ENGINEER.
- B. THE MOUNTING HEIGHT TO LIGHT CENTER SHALL BE 28' UNLESS OTHERWISE SPECIFIED IN THE CONTRACT DRAWINGS OR INDICATED BY THE FIELD ENGINEER.
- C. ANY RELOCATION OF EXISTING FACILITIES REQUIRED FOR PROPER CLEARANCE SHALL BE OBTAINED BY THE CONTRACTOR AND INCLUDED IN THE UNIT PRICE BID FOR THIS ITEM.
- D. THIS ITEM SHALL INCLUDE THE FURNISHING AND INSTALLING OF THE BRACKET ARM, THE WIRING INTERNAL TO THE ARM AND THE CONNECTION OF THE WIRING TO THE CIRCUIT AND LUMINAIRE. THE LUMINAIRE AND CIRCUIT SHALL BE PROVIDED AND PAID AS SEPARATE ITEMS AND ARE NOT INCLUDED IN THIS SPECIFICATION.

III. BASIS OF PAYMENT

ITEM	UNIT	DESCRIPTION
MIS-103	EACH	BRACKET, 6' ALUMINUM, FOR WOOD POLE, TEARDROP



ITEM	DESCRIPTION	QTY
1	BRACKET, ALUMINUM, 2-1/2" PIPE 6' LENGTH, GREEN	1 EA
2	CONDUCTOR, #10 CU. BLACK	10 FT
3	CONDUCTOR, #10 CU. WHITE	10 FT
4	BOLT, MACHINE 5/8" x LENGTH AS REQUIRED	1 EA
5	WASHER, SQ. CURVED 2-1/4" x 2-1/4" x 3/16", 11/16" DIA. HOLE	1 EA
6	WASHER, LOCK 11/16" DIA. HOLE, DOUBLE COIL	1 EA
7	NUT, SQUARE 5/8" -11 UNC (INCLUDED WITH MACHINE BOLT)	1 EA
8	SCREW, LAG 1/2" x 4"	2 EA
9	CONNECTOR, COMPRESSION (NOT SHOWN SIZE AS REQUIRED)	2 EA

MIS-103	DEPARTMENT OF PUBLIC UTILITIES - DIVISION OF POWER CITY OF COLUMBUS, OHIO		
	BRACKET, 6' ALUMINUM, FOR WOOD POLE, TEARDROP		
	DRAWN BY: BEN	DATE: 1/1/2018	
	APPROVED: <i>[Signature]</i>		
SCALE: NONE	SHEET: 1 OF 1	103	