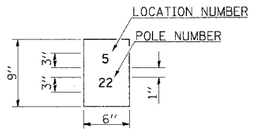
CONTRACT NO. 98963

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57/64	(41-3)HBK	JEFFERSON	518	231
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

POLE STANDARDS

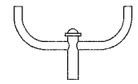
"INSTALL AND ORIENT ARM BRACKET OVER POLE TENON AND FIRMLY HAND TIGHTEN THE TWO SET SCREWS. USE THIRD HOLE IN ARM BRACKET AS A GUIDE TO DRILL A 7/64 DIAMETER HOLE THROUGH TENON. INSTALL AND TIGHTEN SELF-TAPPING SCREW. TIGHTEN SET SCREWS AN ADDITIONAL 1/4 TO 3/8 TURN WITH HEX KEY (NOT PROVIDED). INSTALL LOCKNUTS ON SET SCREWS IF THREADED PROJECTION ALLOWS."

POLE SHALL MEET AASHTO STANDARD SPECIFICATIONS FOR 80 MPH WIND LOADING AND 90 LB, 4.0 SQ. FT E.P.A. LUMINAIRE.

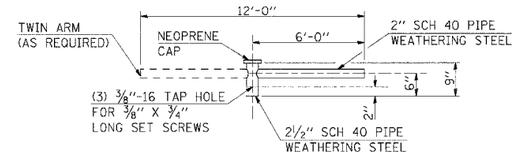


THE CONTRACTOR SHALL FURNISH AND INSTALL A LIGHT POLE IDENTIFICATION OF EACH NEW LIGHT POLE, AS SHOWN ABOVE, INCIDENTAL TO THE RESPECTIVE LIGHT POLE PAY ITEM. THE NUMERALS SHALL BE 3", SERIES "D", BLACK, SCREENED ON SILVER-WHITE TYPE B PRESSURE SENSITIVE REFLECTIVE SHEETING CONFORMING TO THE REQUIREMENTS OF SECTION T602.01 OF THE STANDARD SPECIFICATIONS FOR TRAFFIC CONTROL ITEMS. THE NUMERALS SHALL CONFORM TO THE FHWA "STANDARD ALPHABETS FOR HIGHWAY SIGNS".

THE LIGHT POLE IDENTIFICATION SHALL BE APPLIED TO SIGN BASE MATERIAL AS SPECIFIED IN SECTION 719.11 OF THE STANDARD SPECIFICATIONS, APPROXIMATELY 7" ABOVE THE ADJACENT PAVEMENT GRADE VISIBLE TO APPROACHING TRAFFIC IN ACCORDANCE WITH HIGHWAY STANDARD 2319.

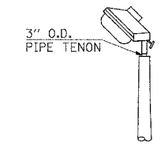


☐ TWIN TENON

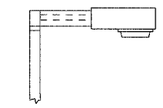


☐ TENON MOUNT BRACKET ARM

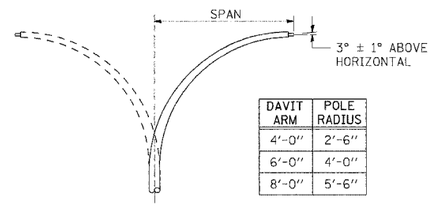
NOTE: SINGLE OR TWIN ARM ASSEMBLY SHALL BE TILTED 3° ABOVE HORIZONTAL.



☐ TENON



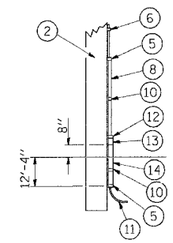
☐ SHORT BRACKET



DAVIT ARM	POLE RADIUS
4'-0"	2'-6"
6'-0"	4'-0"
8'-0"	5'-6"

☐ DAVIT ARM (AND OR)

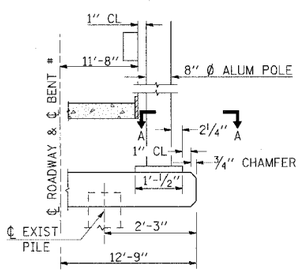
☐ DAVIT ARM-TWIN



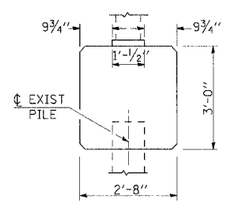
DETAILS FOR UNDERGROUND DISTRIBUTION IF REQUIRED

POLE LENGTH	DEPTH IN GROUND
65'-0"	12'-0"
60'-0"	10'-0"
55'-0"	9'-0"
50'-0"	8'-0"
45'-0"	7'-0"
40'-0"	6'-6"
35'-0"	6'-0"
30'-0"	5'-6"

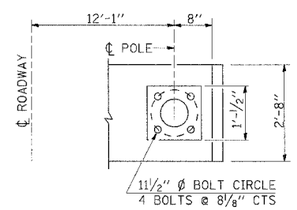
☐ POLE, WOOD



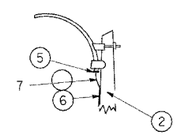
BENT #
(LOOKING)



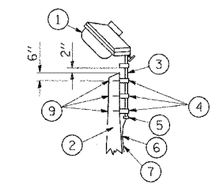
☐ BRIDGE PIER MOUNT



SECTION A-A

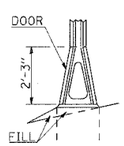


☐ MAST ARM

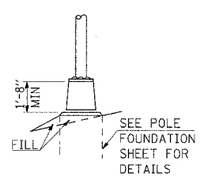


☐ TENON

1. LUMINAIRE
2. WOOD POLE, CLASS 3 OR BETTER
3. 2 1/2" GALV. STEEL CONDUIT
4. SINGLE OFFSET POLE BAND
5. CONDUIT BUSHING
6. CABLE CLAMPS ON 2' CENTERS
7. 2/C #12 TYPE USE CABLE
8. 1" GALV. STEEL CONDUIT 10' IN LENGTH
9. 5/8" Ø HOT DIPPED GALVANIZED BOLT WITH FLAT WASHER & LOCKNUT (3 REQ'D)
10. CONDUIT CLAMPS ON 3' CENTERS
11. UNIT DUCT
12. THREADED REDUCER
13. "C" CONDULET, THREADED
14. 1 1/2" GALV. STEEL CONDUIT FOR 1 UNIT DUCT OR 3" GALV. STEEL CONDUIT FOR 2 OR 3 UNIT DUCTS.

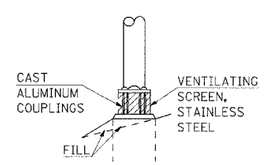


☐ STAINLESS STEEL FLAIR BASE

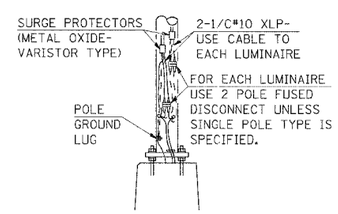


☒ TRANSFORMER BASE

☐ FRANGIBLE



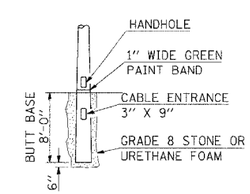
☐ BREAKAWAY COUPLING



☐ ANCHOR

☐ METAL OR ☒ CONCRETE

DETAILS FOR UNDERGROUND DISTRUBITIONIF REQUIRED



☐ BUTT BASE

REVISIONS	
DRAWN	2-9-01
REVISED	4-14-02
REVISED	
REVISED	

STD. 9-115

POLE STANDARDS

BY:C:\CADD7.0\DGS AH
LS:93-00-07 / 96-02-16-\IDOT RAMPS-\d9035b5s.n32
SU:00202 / IN.
K=1