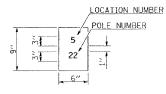
POLE STANDARDS

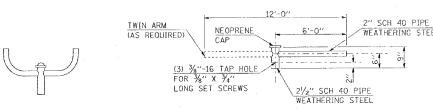
"INSTALL AND ORIENT ARM BRACKET OVER POLE TENON AND FIRMLY HAND TIGHTEN THE TWO SET SCREWS. USE THIRD HOLE IN ARM BRACKET AS A GUIDE TO DRILL A $\eta_{\rm M}$ DIAMETER HOLE THROUGH TENON. INSTALL AND TIGHTEN SELF-TAPPING SCREW. TIGHTEN SET SCREWS AN ADDITIONAL 1/4 TO 3/8 TURN WITH HEX KEY (NOT PROVIDED), 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.



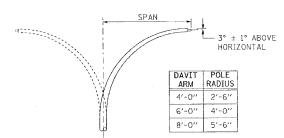
THE CONTRACTOR SHALL FURNISH AND INSTALL A LIGHT POLE IDENTIFICATION OF EACH NEW LIGHT POLE, AS SHOWN ABOVE, INCIDENTAL TO THE RESPECTIVE LIGHT POLE PAY ITEM. THE NUMERALS SHALL BE 3", SERIES "D", BLACK, SCREENED ON SILVER-WHITE TYPE B PRESSURE SENSITIVE REFLECTIVE SHEETING CONFORMING TO THE REQUIREMENTS 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 ACCOR-DANCE WITH HIGHWAY STANDARD 2319.

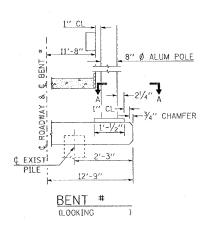


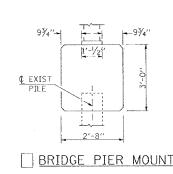
TENON MOUNT BRACKET ARM

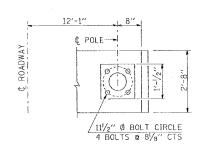
NOTE: SINGLE OR TWIN ARM ASSEMBLY SHALL BE TILTED 3° ABOVE HORIZONTAL.



- DAVIT ARM (AND OR)
- DAVIT ARM-TWIN







SECTION A-A

SURGE PROTECTORS

POLE GROUND

LUG

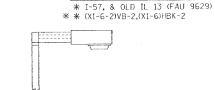
VARISTOR TYPE)

MAST ARM

- 1 LUMINAIRE (2) WOOD POLE, CLASS 3 OR BETTER
- (3) 21/2" 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) I" GALV. STEEL CONDUIT 10' IN LENGTH







SECTION COUNTY TOTAL SHEETS

TO STA. FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT

**

WILLIAMSON 917 806

SHORT BRACKET

65'-0" 12'-0" 10'-0"

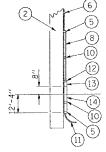
55'-0" 9'-0"

50'-0" 8'-0"

35'-0"

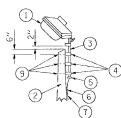
7'-0'' 40'-0" 6'-6"

6'-0" 30'-0" 5'-6"



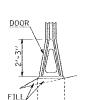
DETAILS FOR UNDERGROUND DISTRIBUTION IF REQUIRED

POLE, WOOD

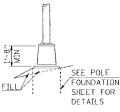


TENON

- 9 5%" 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
- 14/2" CALV. STEEL CONDUIT FOR 1 UNIT DUCT OR 3" CALV. STEEL CONDUIT FOR 2 OR 3 UNIT DUCTS.

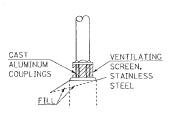


STAINLESS STEEL FLAIR BASE



TRANSFORMER BASE

FRANGIBLE



X TWIN TENON

BREAKAWAY COUPLING

ANCHOR

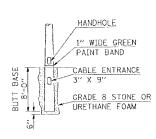
USE CABLE TO

SPECIFIED.

EACH LUMINAIRE FOR EACH LUMINAIRE

USE 2 POLE FUSED

DISCONNECT UNLESS SINGLE POLE TYPE IS



BUTT BASE



ILLINOIS DEPARTMENT OF TRANSPORTATION DATE **DETAILS:** POLE STANDARDS

SCALE: VERT. NONE

DRAWN BY CNH CHECKED BY JCK

DATE NAME SCALE NAME

