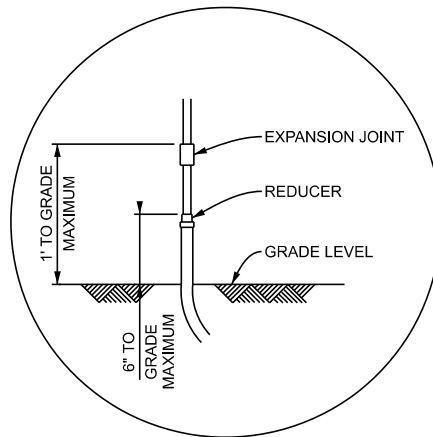
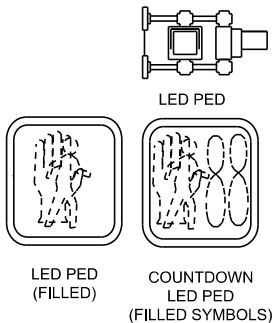
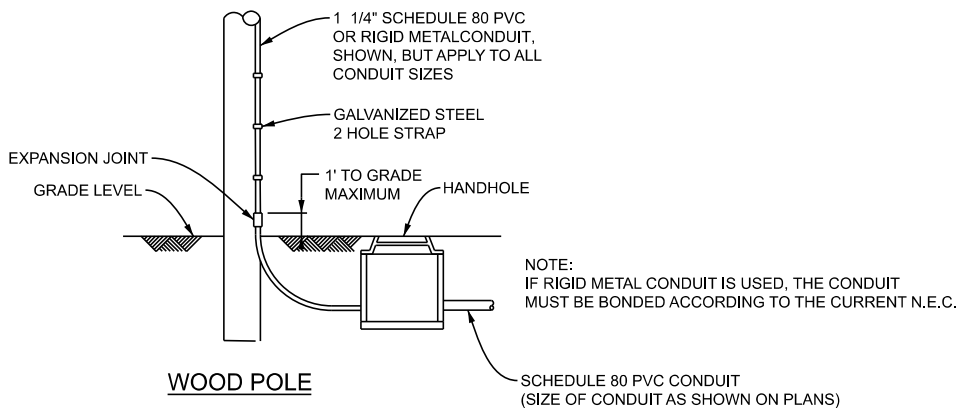


NOTES:  
 1) EXTERIOR SURFACE OF ALL MOUNTING ASSEMBLIES FOR PEDESTRIAN SIGNALS INCLUDING BRACKETS, NUTS AND RELATED HARDWARE SHALL BE WEATHER- RESISTANT BLACK ENAMEL.  
 (\*) FOR PROJECTS MAINTAINED BY THE ROAD COMMISSION FOR OAKLAND COUNTY (RCOC), USE THE BOTTOM HEIGHTS AND BRACKET ASSEMBLIES AS SHOWN ON SIG-028A, SIG-029A OR SIG-029B FOR THE RCOC MOUNTING DETAIL.



**A** DETAIL - OVERHEAD FEED  
N.T.S.

**B** DETAIL - AND REDUCER  
N.T.S.



NOTE:  
 IF RIGID METAL CONDUIT IS USED, THE CONDUIT MUST BE BONDED ACCORDING TO THE CURRENT N.E.C.

**C** DETAIL - UNDERGROUND ALTERNATE (COUPLING NOT SHOWN)  
N.T.S.

APPROVED BY: \_\_\_\_\_  
 DIRECTOR, BUREAU OF FIELD SERVICES



DEPARTMENT DIRECTOR  
 BRADLEY C. WIEFERICH, PE

STANDARD PLAN FOR  
 POLE MOUNTING DETAILS  
 FOR SIGNALS

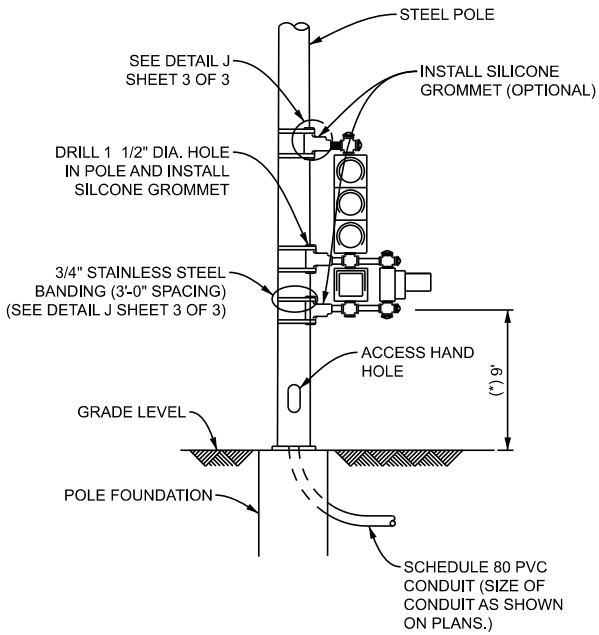
APPROVED BY: \_\_\_\_\_  
 DIRECTOR, BUREAU OF DEVELOPMENT

(SPECIAL DETAIL)  
 FHWA APPROVAL

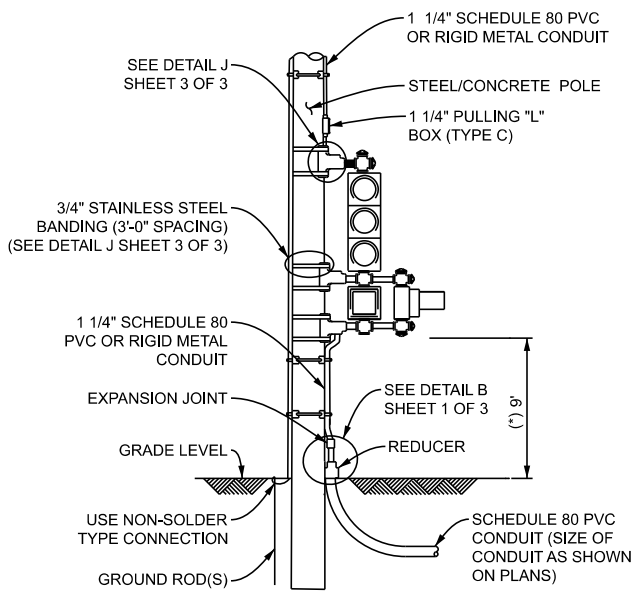
02/07/2024  
 PLAN DATE

SIG-341-A

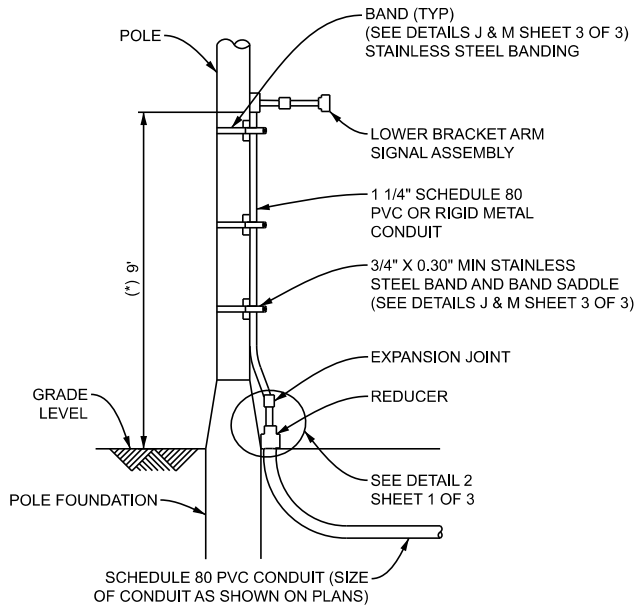
SHEET  
 1 OF 3



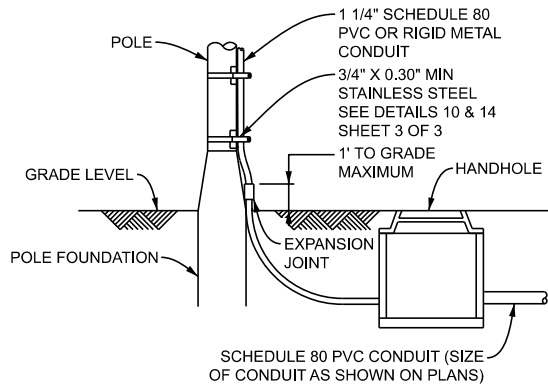
**D** DETAIL - STEEL POLE  
N.T.S.



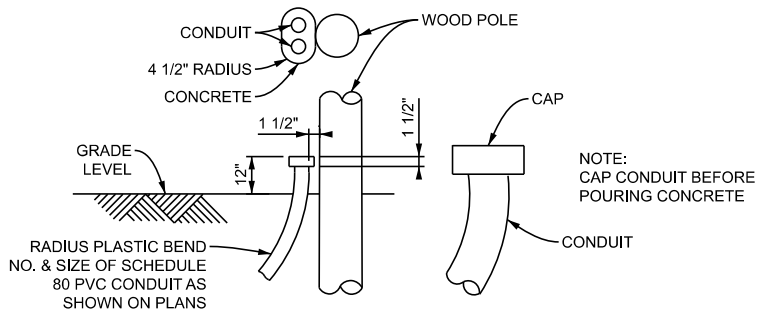
**E** DETAIL - STEEL STREET LIGHT POLE OR CONCRETE POLE  
N.T.S.



**F** INSTALLATION OF CONDUIT  
DETAIL - ON OUTSIDE OF POLE  
N.T.S.



**G** INSTALLATION OF CONDUIT ON OUTSIDE  
DETAIL - OF POLE (ALTERNATE)  
N.T.S.



**H** INSTALLATION OF  
DETAIL - CONDUIT AT CABLE POLE  
N.T.S.

(\*) REFER TO NOTE 2 ON SHEET 1 OF 3



DEPARTMENT DIRECTOR  
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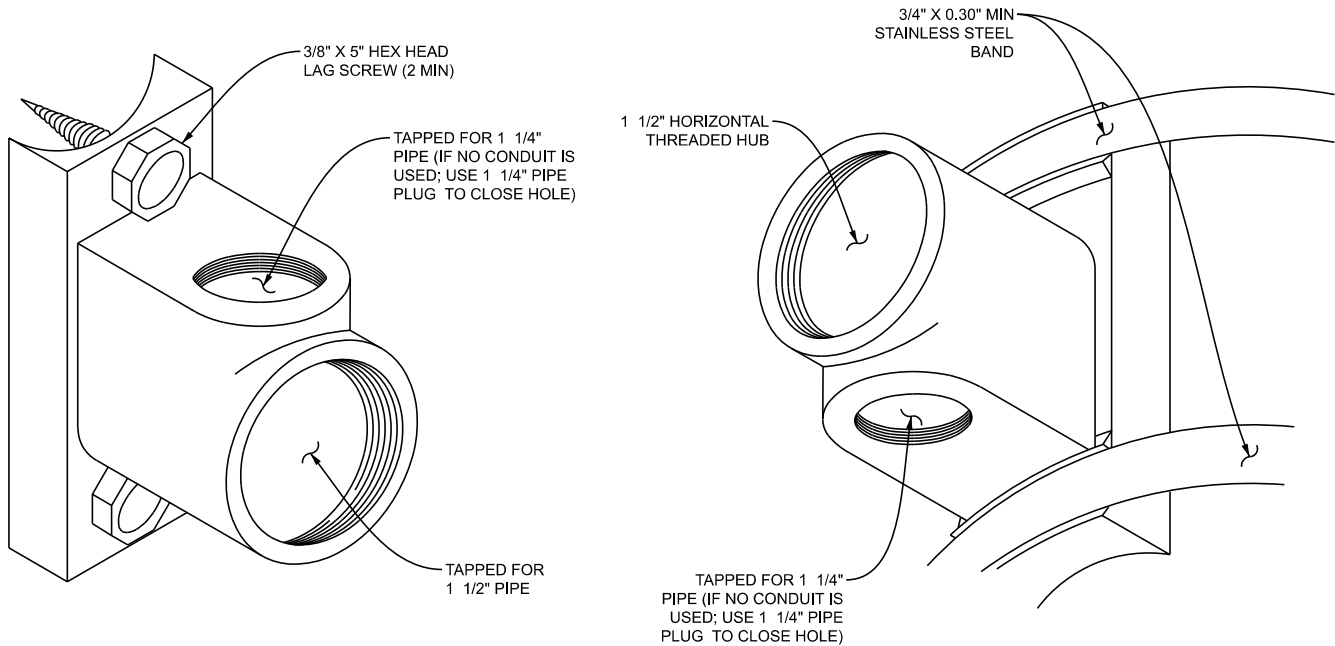
(SPECIAL DETAIL)  
FHWA APPROVAL

02/07/2024  
PLAN DATE

SIG-341-A

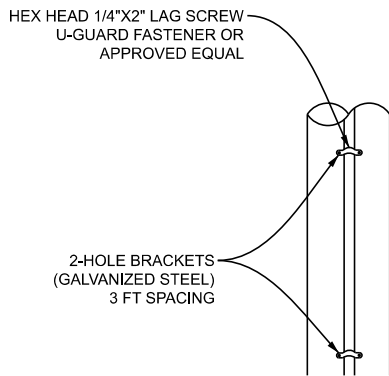
SHEET  
2 OF 3

SECT

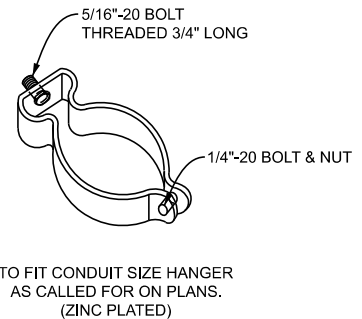


**I** DETAIL - WOOD POLE  
N.T.S.

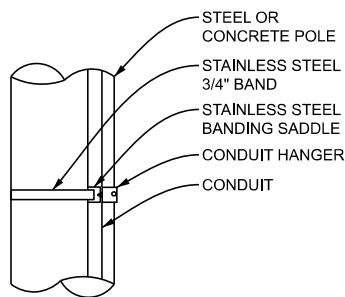
**J** DETAIL - STEEL OR CONCRETE POLE  
N.T.S.



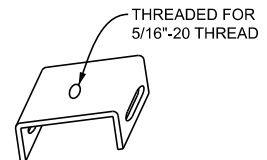
**K** DETAIL - ATTACHMENT TO WOOD POLE  
N.T.S.



**L** DETAIL - HANGER  
N.T.S.



**M** DETAIL - TO STEEL OR CONCRETE POLE  
N.T.S.



**N** DETAIL - BANDING SADDLE  
N.T.S.

- NOTES:
- 1) INSTALL 3/4" X 10'-0" COPPER CLAD GROUND ROD(S) AS REQUIRED TO PROVIDE LESS THAN 10 OHM RESISTANCE TO GROUND. INSTALL #6 MIN COPPER WIRES FROM GROUND ROD(S) TO SPAN WIRE AT EACH SUPPORTING POLE USING NON-SOLDER TYPE CONNECTIONS FOR SPAN WIRE GROUND.
  - 2) USE CONDUIT SIZE SPECIFIED (MIN) UNLESS CURRENT N.E.C. INDICATES A LARGER SIZE IS REQUIRED.

APPROVED BY: \_\_\_\_\_  
DIRECTOR, BUREAU OF FIELD SERVICES



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FOR SIGNALS

APPROVED BY: \_\_\_\_\_  
DIRECTOR, BUREAU OF DEVELOPMENT

(SPECIAL DETAIL)  
FHWA APPROVAL

02/07/2024  
PLAN DATE

**SIG-341-A**

SHEET  
3 OF 3