TENNESSEE D.O.T.
DESIGN DIVISION
FILE NO.

| TYPE | YEAR | PROJECT NO. | SHEET NO. |
|---|---|---|---|
| R.O.W. | 2013 | HSIP-107(20) | 5 |
| CONST. | 2014 | HSIP-107(20) | 7 |
| | | | |
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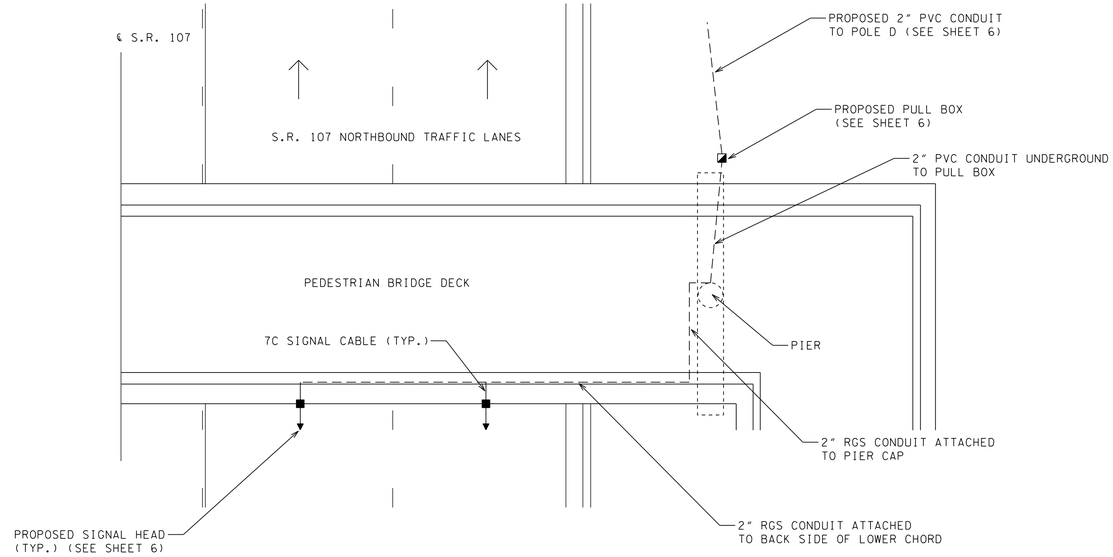
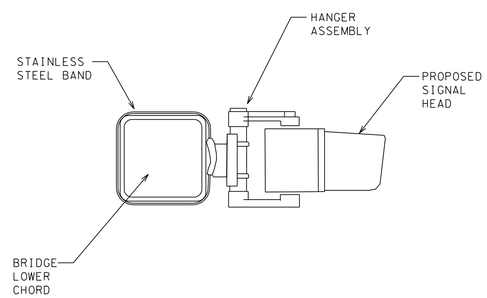
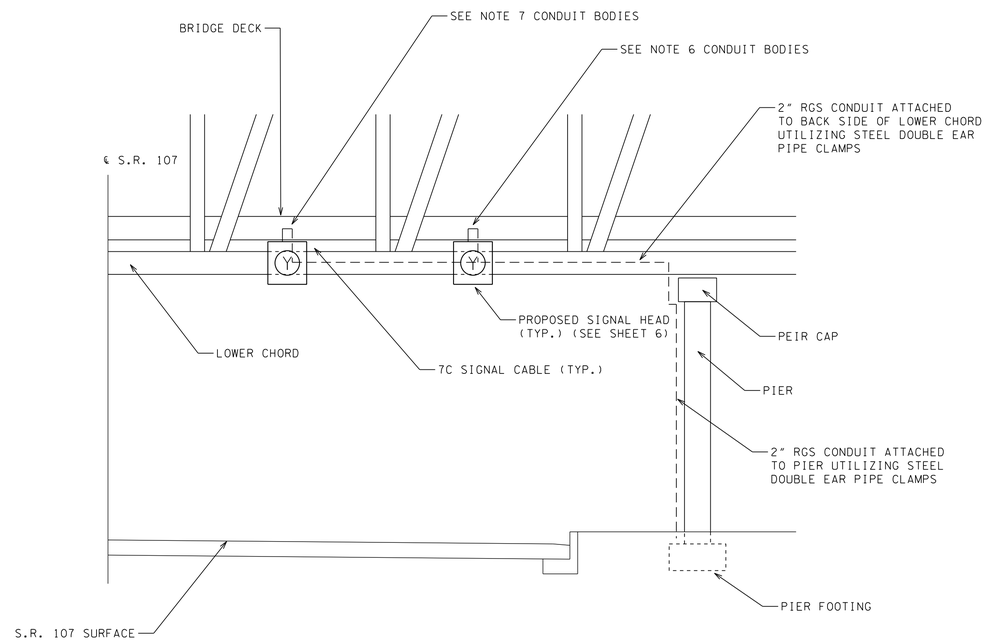



BRIDGE PLAN

N.T.S.

SIGNAL HEAD ATTACHMENT DETAIL




BRIDGE PROFILE

N.T.S.

NOTES:

1. ALL CONDUIT, HANGERS, BRACKETS, ETC. MUST BE ABOVE THE LOW POINT OF THE BRIDGE.
2. ALL EXPOSED CONDUIT SHALL BE RIGID AND INSTALLED IN A NEAT AND ORDERLY FASHION.
3. RIGID CONDUIT INSTALLED ON THE BRIDGE SPAN SHALL BE INSTALLED ON THE BACK SIDE OF THE LOWER CHORD. DOUBLE EAR PIPE CLAMPS MUST BE MECHANICALLY ATTACHED TO LOWER CHORD. NO WELDING ALLOWED.
4. THE HANGER SYSTEM SUPPORT SPACING SHALL BE 10'-0" MAXIMUM.
5. THE SIGNAL HEAD TO BRIDGE ATTACHMENT SYSTEM SHALL BE APPROVED BY THE TDOT ENGINEER/INSPECTOR. WELDING TO LOWER CHORD BRIDGE IS NOT ALLOWED. IF HANGER ASSEMBLY IS WELDED TO STAINLESS STEEL BAND SHOWN IN SIGNAL HEAD ATTACHMENT DETAIL ABOVE, EXTREME CARE MUST BE UTILIZED SO AS TO PREVENT ARCING TO LOWER CHORD.
6. USE ONE TYPE T CONDUIT BODY AND TYPE LB CONDUIT BODIES AS NECESSARY TO ROUTE SIGNAL CABLE IN 2" RGS CONDUIT FROM CONDUIT RUN ALONG LOWER CHORD TO SIGNAL HEAD. CONDUIT BODIES TO BE INCLUDED IN PRICE FOR 2" RGS CONDUIT.
7. USE ONE TYPE LL CONDUIT BODY AND TYPE LB CONDUIT BODIES AS NECESSARY TO ROUTE SIGNAL CABLE IN 2" RGS CONDUIT FROM CONDUIT RUN ALONG LOWER CHORD TO SIGNAL HEAD. CONDUIT BODIES TO BE INCLUDED IN PRICE FOR 2" RGS CONDUIT.

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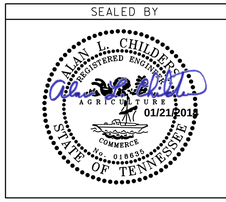


STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

BRIDGE ATTACHMENT DETIALS

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