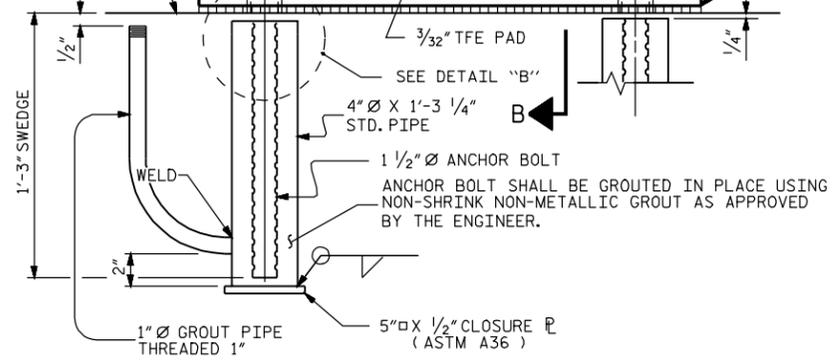
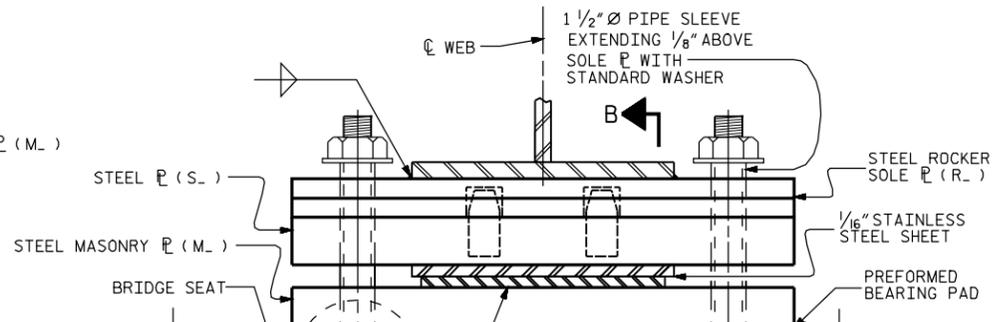
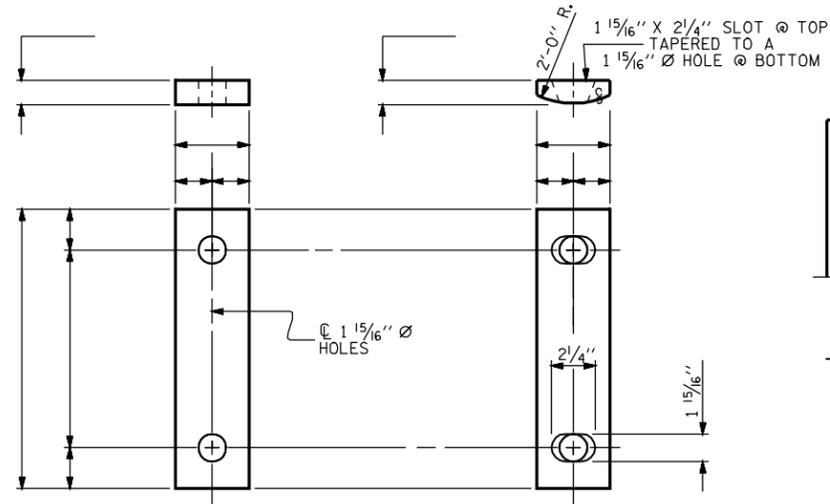


SECTION A-A

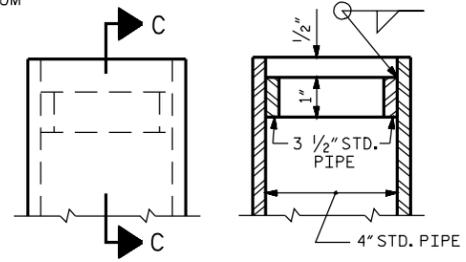


ELEVATION

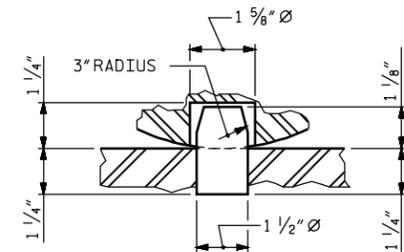


MASONRY PLATE (TYPE M.) SOLE PLATE (TYPE R.)

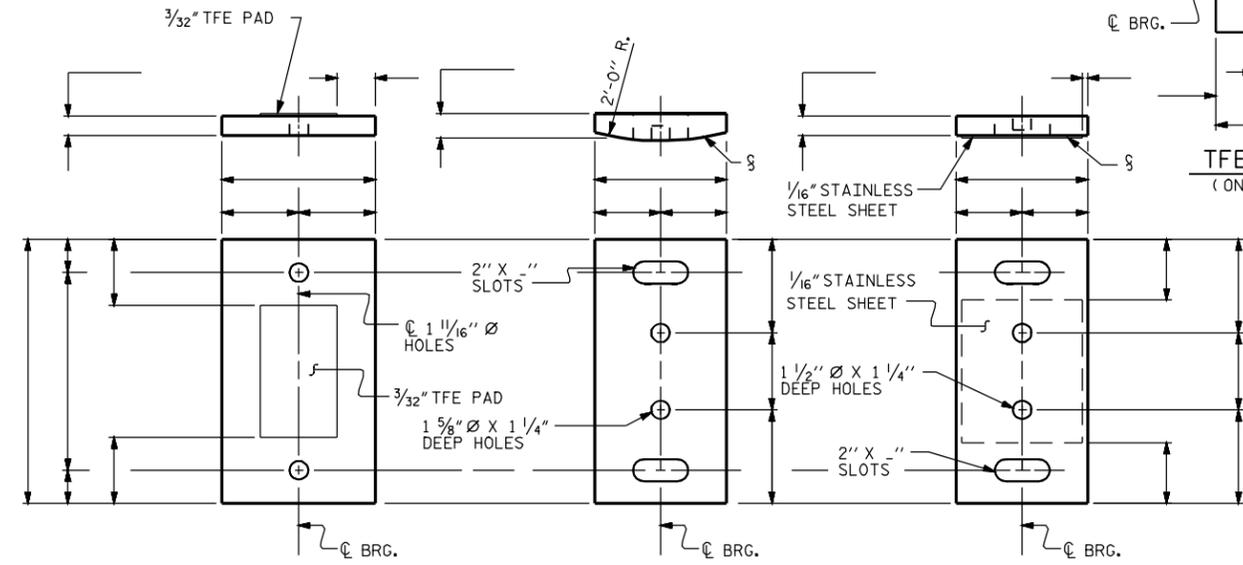
FIXED BEARING DETAILS



DETAIL "B" SECTION C-C



PINTLE DETAIL



MASONRY PLATE (TYPE M.) SOLE PLATE (TYPE R.) STEEL PLATE (TYPE S.)

EXPANSION BEARING DETAILS

NOTES

AT FIXED POINTS OF SUPPORT, NUTS FOR ANCHOR BOLTS ARE TO BE TIGHTENED FINGER TIGHT AND THEN BACKED OFF 1/2 TURN. THE THREAD OF THE NUT & BOLT SHALL THEN BE BURRED WITH A SHARP POINTED TOOL.

THE 1 1/2" PIPE SLEEVES SHALL BE CUT FROM SCHEDULE 40 PVC PIPE. THE PVC PIPE SHALL MEET THE REQUIREMENTS OF ASTM D1785.

NO SEPARATE PAYMENT WILL BE MADE FOR THE PIPE SLEEVES. PAYMENT SHALL BE INCLUDED IN THE LUMP SUM CONTRACT PRICE BID FOR "TFE EXPANSION BEARING ASSEMBLIES".

ALL BEARING PLATES SHALL BE AASHTO M270 GRADE --- .

ON PLATES TO BE PAINTED, ALL SHARP EDGES AND ENDS OF PLATES SHALL BE SLIGHTLY ROUNDED BY SUITABLE MEANS TO A RADIUS OF APPROXIMATELY 1/16" OR EQUIVALENT FLAT SURFACE AT A SUITABLE ANGLE. THIS ROUNDED SURFACE SHALL BE INCLUDED IN THE LUMP SUM CONTRACT PRICE BID FOR "TFE EXPANSION BEARING ASSEMBLIES".

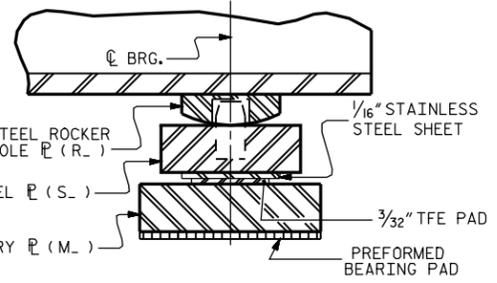
THE CLOSURE PLATE & THE STANDARD PIPE FOR THIS ASSEMBLY NEED NOT BE GALVANIZED.

ANCHOR BOLTS SHOULD BE GROUTED BEFORE FALSEWORK OR FORMS ARE PLACED.

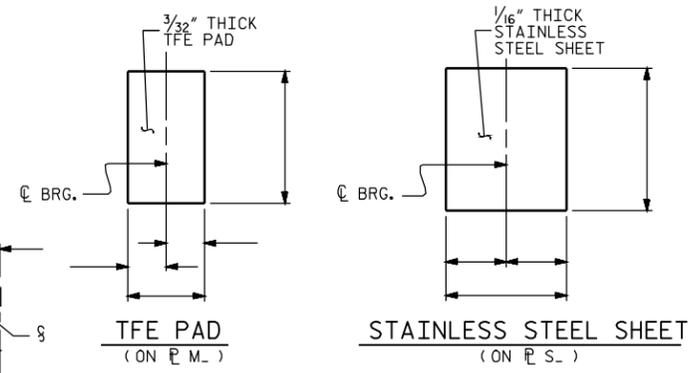
FOR TFE EXPANSION BEARING ASSEMBLIES, SEE SPECIAL PROVISIONS.

CAMBERED GIRDER LENGTHS SHALL BE ADJUSTED AND BEARINGS ARE TO BE PLACED ON THE CAMBERED GIRDER SO AS TO BE ALIGNED WITH THE ANCHORS AFTER THE DEAD LOAD DEFLECTION HAS OCCURRED. SHOP PLANS SHALL BE PREPARED ACCORDINGLY.

ALL SURFACES OF BEARING PLATES SHALL BE SMOOTH AND STRAIGHT.



SECTION B-B



TFE PAD (ON M.) STAINLESS STEEL SHEET (ON S.)

PROJECT NO. _____ COUNTY _____ STATION: _____

| TABLE 1 | |
|---|-----------|
| ITEM | NO. REQ'D |
| STEEL ROCKER SOLE PLATE (TYPE R.) | |
| STEEL ROCKER SOLE PLATE (TYPE R.) | |
| STEEL MASONRY PLATE (TYPE M.) | |
| STEEL MASONRY PLATE (TYPE M.) | |
| STEEL PLATE (TYPE S.) | |
| 1 3/4" X --" ANCHOR BOLTS | |
| 1 1/2" X --" ANCHOR BOLTS (SWEDGE TYPE) | |

ASSEMBLED BY: _____ DATE: _____
 CHECKED BY: _____ DATE: _____
 DRAWN BY: RWW 8/99 REV. 7/10/01 RWW/LES
 CHECKED BY: LES 8/99 REV. 5/7/03 RWW/JTE
 REV. 5/1/06 TLA/GM

| STATE OF NORTH CAROLINA DEPARTMENT OF TRANSPORTATION RALEIGH | | | | | |
|--|-----|-------|-----|-----|-------|
| STANDARD TFE BEARING DETAILS | | | | | |
| REVISIONS | | | | | |
| NO. | BY: | DATE: | NO. | BY: | DATE: |
| 1 | | | 3 | | |
| 2 | | | 4 | | |

SHEET NO. _____
TOTAL SHEETS _____