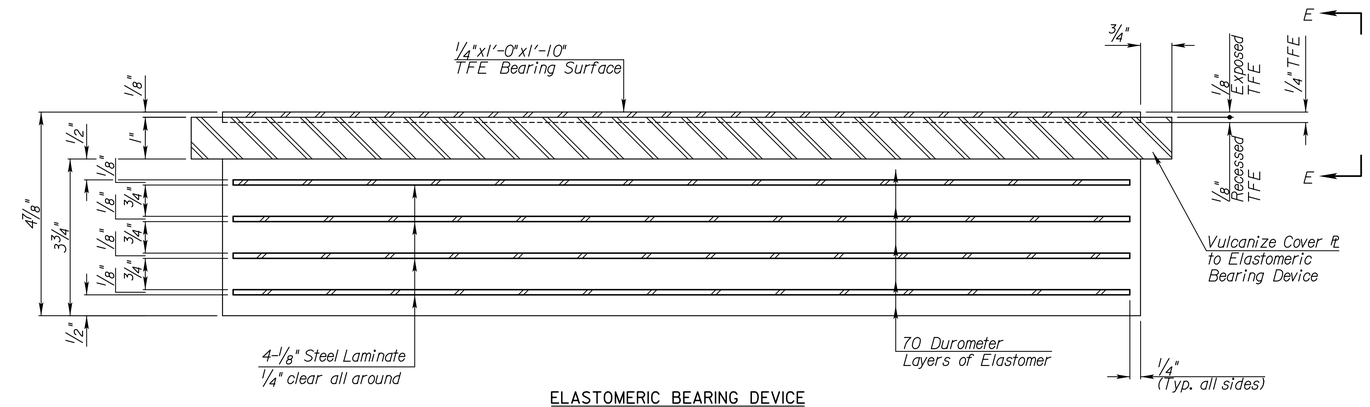
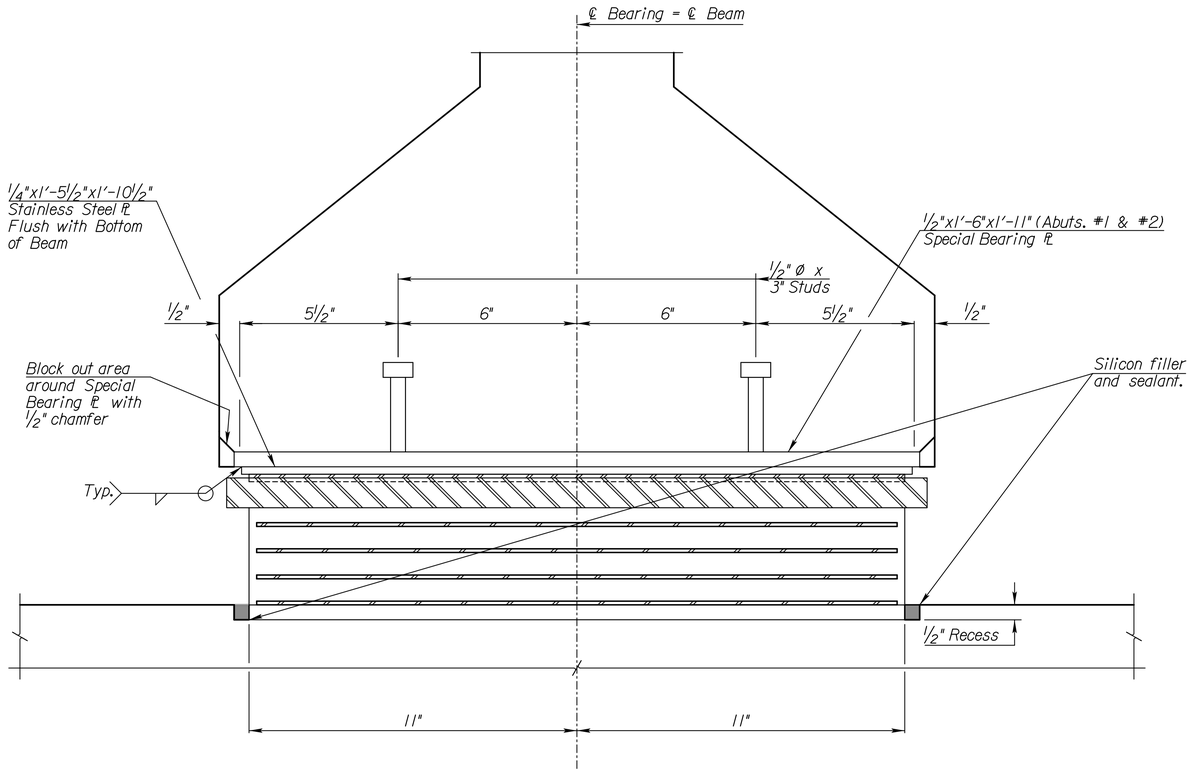


ELASTOMERIC BEARING DEVICE

(18 Required)
(9 Each @ Abutments #1 & #2)



SECTION A-A

(Transverse Section. See "Bearing Device Details I" for location.)

SPECIAL BEARING PLATE NOTE:

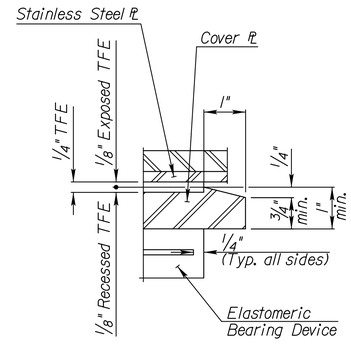
Paint all exposed surfaces of the 1/2"x1'-6"x1'-11" plate with a shop coat of inorganic zinc paint. The stainless steel plates shall be an accurate flat surface and have a surface finish of 0.008 milli-inch root mean square (rms). Protect the surface from damage until beams are placed on the bearing device. All materials and labor for the special bearing plates shall be subsidiary to the bid item "TFE/Elastomeric Bearing".

GENERAL NOTES:

Bond the Bearing Pad to the concrete, at top of the seat, by the use of an approved epoxy or bonding agent recommended by the manufacturer of the pad. Keep the TFE surface of the bearing pad free of any foreign materials and scratches that may injure the wearing surface during the handling, storage, or installation of the pad.

The bid item "TFE/Elastomeric Bearing" includes the polytetraflouroethylene (TFE) bearing surface, cover Pl, and reinforced elastomeric bearing pad. Sandblast and paint all steel as per K.D.O.T. Specification and latest Special Provisions for primer and polyurethane finish coat. All steel shall be ASTM A709 Grade 36.

All welds shall be 5/16" unless otherwise shown.



SECTION E-E (DETAIL "F")

NOTE: Bevel Vulcanized Cover Pl on two transverse (upstation and downstation) sides ONLY.

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CITY OF WICHITA

REVISIONS:

MARK	DATE	DESCRIPTION

PROJ NO: E1010-4025062
SCALE:
DATE: 07/08/2022
DESIGNED BY: JBM
DRAWN BY: JBM
CHECKED BY: WBS

SHEET TITLE:

BEARING DEVICE DETAILS II

SHEET NO.

45

SHEET 45 OF 128

bidtones
$DATE$ - $TIME$ - $FILE$

IF THIS DRAWING IS LESS THAN 22" X 36" IT IS A REDUCED SIZE DRAWING