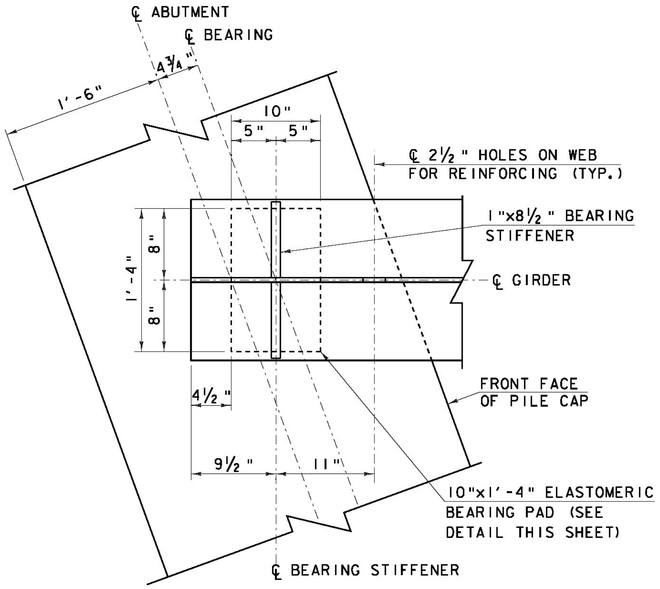
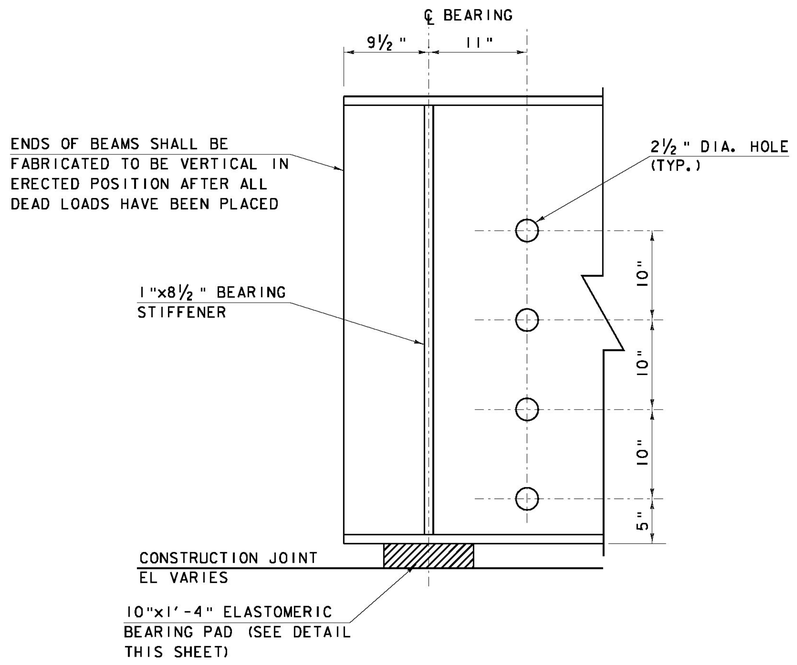


PLAN VIEW - END OF STEEL MEMBER AT ABUTMENT

SCALE: 1½" = 1'-0"



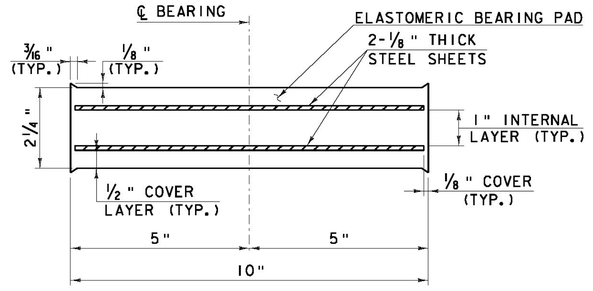
ELEVATION VIEW - END OF STEEL MEMBER AT ABUTMENT

SCALE: 1½" = 1'-0"

NOTES:

1. PRIOR TO PLACING GIRDERS THE ELEVATION OF TOP OF BEARING PADS SHALL BE CHECKED VERSUS THE TABLE BELOW.
2. THE CONCRETE SURFACE UNDER THE BEARING DEVICE SHALL BE LEVEL.
3. ELASTOMER SHALL HAVE A NOMINAL HARDNESS OF 60 ON SHORE 'A' SCALE. ELASTOMER SHALL HAVE A SHEAR MODULUS BETWEEN 130 PSI AND 200 PSI. THE RAW ELASTOMER SHALL BE TEMPERATURE GRADE 3 AS DEFINED IN TABLE 18.4.5.1-1a OF AASHTO, DIVISION II, SECTION 18.
4. ALL REINFORCING BETWEEN LAYERS OF ELASTOMER SHALL BE STEEL AASHTO M270M/M270 GRADE 36. ALL INTERNAL STEEL PLATES SHALL BE SAND BLASTED AND FREE OF COATINGS, RUST AND MILL SCALE. THE PLATES SHALL BE FREE OF SHARP EDGES AND BURRS.
5. STEEL REINFORCED ELASTOMERIC BEARINGS SHALL HAVE A MINIMUM ⅛" EDGE SEAL OF ELASTOMER INTEGRAL WITH BEARING OVER ALL INTERNAL PLATES.
6. THE CONTRACTOR IS ADVISED TO HAVE A MINUM OF 8-¼"x11"x1'-5" GALVANIZED STEEL SHIMS AVAILABLE FOR USE FOR ELEVATION ADJUSTMENTS UPON THE SETTING OF THE SUPERSTRUCTURE UNITS. THE SHIMS SHALL BE FABRICATED ACCORDING TO SECTION 531 AND SHALL BE INCLUDED UNDER ITEM 531.17, "BEARING DEVICE ASSEMBLY, STEEL REINFORCED ELASTOMERIC PAD".

THEORETICAL TOP OF BEARING ELEVATIONS		
GIRDER NO.	ABUTMENT NO. 1	ABUTMENT NO. 2
1	488.46	487.09
2	488.71	487.35
3	488.99	487.63
4	489.31	487.95



BEARING PAD DETAIL

NOT TO SCALE

SCALE: 1½" = 1'-0"

1 9 6 3 0 1

Hoyle, Tanner & Associates, Inc.

HTA PROJECT	MODEL
904226	904226d12

PROJECT NAME: BRISTOL

PROJECT NUMBER: BRO 1445(32)

FILE NAME: z05j352DTL2.dgn
PROJECT LEADER: J.LACROIX
DESIGNED BY: J.OLIN/ A.SAUNDERS
STEEL DETAILS

PLOT DATE: 02/28/2013
DRAWN BY: J.MCQUAID
CHECKED BY: J.OLIN
SHEET 36 OF 66