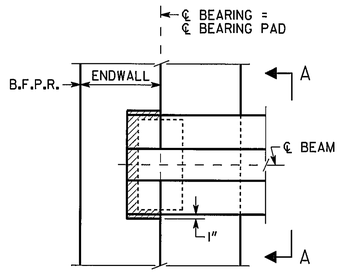
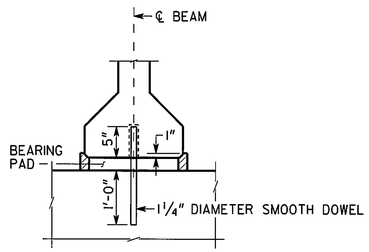


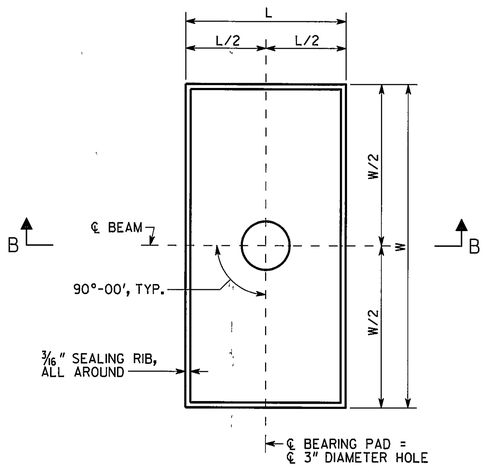
PLAN
BENT 1 SHOWN
BENT 2 SIMILAR



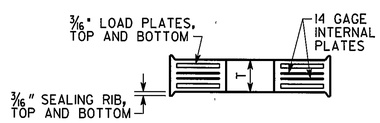
▨ PREFORMED FOAM JOINT FILLER SHALL BE FURNISHED IN ACCORDANCE WITH SUB-SECTION 833.2.10 OF THE GEORGIA DOT SPECIFICATIONS.

ENDWALL NOT SHOWN

SECTION A-A



PLAN



SECTION B-B

BEARING PAD

NOTES

1) BEARING PADS HAVE BEEN DESIGNED ACCORDING TO AASHTO LRFD BRIDGE DESIGN SPECIFICATIONS, SECTION 14.7.6 AND SHALL BE FURNISHED IN ACCORDANCE WITH AASHTO LRFD BRIDGE CONSTRUCTION SPECIFICATIONS, SECTION 18, BEARINGS.

2) 1¼" DIAMETER SMOOTH DOWELS SHALL BE ASTM A 709 GRADE 36.

3) BEARING PADS SHALL BE MADE OF 60 DUROMETER HARDNESS NEOPRENE, GRADE 2 OR HIGHER.

4) 3" DIAMETER HOLE IN BEARING PADS MAY BE FORMED OR DRILLED.

5) BEARING PADS SHALL HAVE ¼" COVER ON THE TOP, BOTTOM, AND SIDES AND AROUND THE HOLE.

6) 3/16" LOAD PLATES AND 14 GAGE INTERNAL PLATE(S) (IF REQUIRED) SHALL BE ASTM A 709 GRADE 36 OR ASTM A 1011 GRADE 36.

7) NUMBER OF INTERNAL PLATES SHOWN FOR ILLUSTRATION PURPOSES ONLY. THE NUMBER OF INTERNAL PLATE(S) SPECIFIED SHALL BE EQUALLY SPACED BETWEEN LOAD PLATES.

8) USE OF 1½° MOLD DRAFT IS OPTIONAL.

BENT	BEARING PADS							
						DESIGN LOADS (KIPS)		
	W	L	T	NUMBER OF INTERNAL PLATE(S)	DESIGN SHEAR DEFLECTION	DEAD LOAD	LIVE LOAD (NO IMPACT)	DEAD LOAD + LIVE LOAD
1	24"	10"	3"	3	0.000"	110.3	73.2	183.5
2	24"	10"	3"	3	0.568"	110.3	73.2	183.5

BRIDGE NO. 1

GEORGIA
DEPARTMENT OF TRANSPORTATION
ENGINEERING DIVISION-OFFICE OF BRIDGES AND STRUCTURES

BEARING PAD DETAILS
S.R. 16 OVER TWO MILE CREEK
HANCOCK COUNTY CSBRG-0007-00(033)

DRAWING NO.	SCALE: NONE	JANUARY 2012
35-06		
BRIDGE SHEET 6 OF 9	DESIGNED VMW · DRAWN VMW · CHECKED JRT · DESIGN GROUP EJC · REVIEWED WMD · APPROVED BFR	

REVISIONS | DATE | BY

1 INCH WHEN PRINTED FULL SIZE

H0007033 DGN

REVISED AUGUST 25, 2010

H0007033.DGN