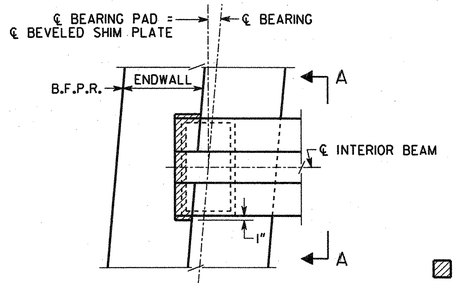
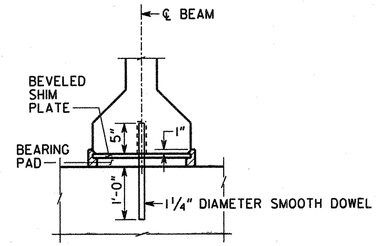
STATE	PROJECT NUMBER	SHEET NO.	TOTAL SHEETS
GA.	STP00-0000-00(566)	16B	1037

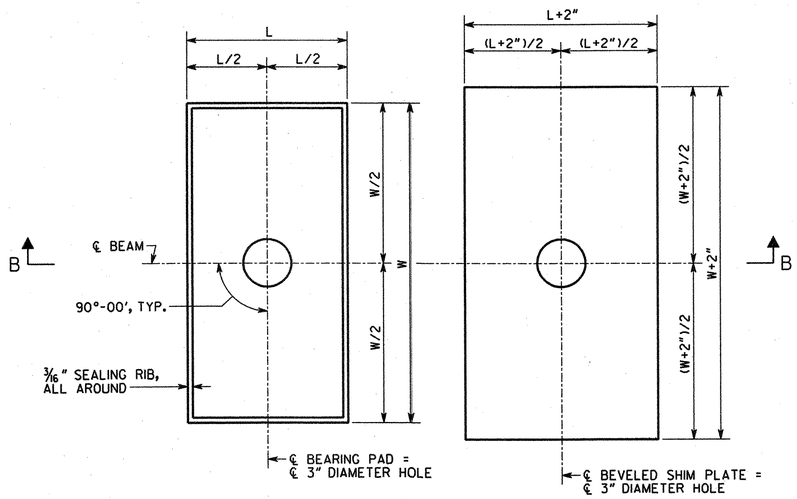


PLAN
BENT 1 SHOWN
BENT 2 SIMILAR

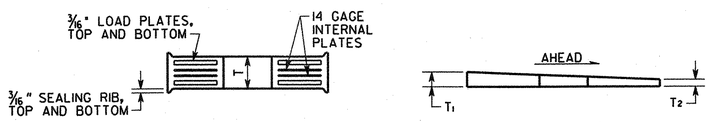


▨ PREFORMED FOAM JOINT FILLER SHALL BE IN ACCORDANCE WITH SUB-SECTION 833.2.10 OF THE GEORGIA DOT SPECIFICATIONS.

ENDWALL NOT SHOWN
SECTION A-A



PLAN



SECTION B-B

BEARING PAD

BEVELED SHIM PLATE

NOTES

1) BEARING PADS HAVE BEEN DESIGNED ACCORDING TO AASHTO SPECIFICATIONS DIVISION I, SECTION 14.6.6, METHOD A AND SHALL BE FURNISHED IN ACCORDANCE WITH AASHTO SPECIFICATIONS DIVISION II, 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.

9) BEVELED SHIM PLATES SHALL BE ASTM A 709 GRADE 36 AND SHALL BE GALVANIZED IN ACCORDANCE WITH ASTM A 123.

BENT	BEARING PADS								BEVELED SHIM PLATES	
						DESIGN LOADS (KIPS)				
	W	L	T	NUMBER OF INTERNAL PLATE(S)	DESIGN SHEAR DEFLECTION	DEAD LOAD	LIVE LOAD (NO IMPACT)	DEAD LOAD + LIVE LOAD	T1	T2
1	1'-10"	1'-0"	2⅝"	3	0.894"	190	59	249	¾"	¼"
2	1'-10"	1'-0"	2⅝"	3	0.000"	190	59	249	¾"	¼"

BRIDGE NO.2

Kimley-Horn and Associates, Inc.

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SUITE 220, 2 SUN COURT
NORCROSS, GA 30092-2865

GEORGIA
DEPARTMENT OF TRANSPORTATION
PRECONSTRUCTION DIVISION-OFFICE OF BRIDGE DESIGN

BEARING DETAILS

SARDIS CHURCH ROAD EXT OVER
SR 11 (INDUSTRIAL HWY)

BIBB COUNTY STP00-0000-00(566)

NO SCALE FEBRUARY 2012

DRAWING NO. 35 - 22
BRIDGE SHEET B2 - 7 OF 11

REVISIONS | DATE | BY

DESIGNED AEN | CHECKED DLS | REVIEWED WMD/WEI
DRAWN AEN | DESIGN GROUP SWW | APPROVED BFR

2:48:52 PM 10/1/2008 \\kimley-horn.com\SE_AMT\AMT_Structures\015749001_Sardis Church\02_Industrial\Dgn\brg.dgn