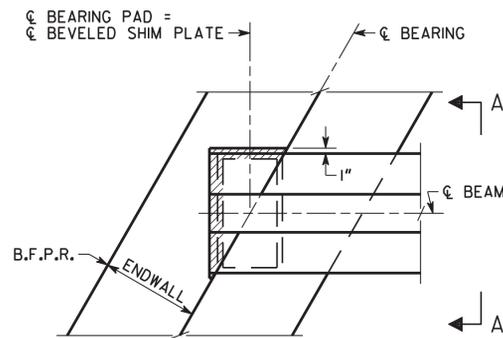
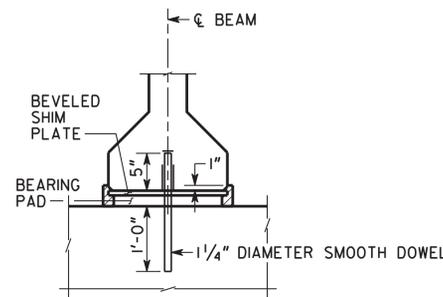


NOTES

- 1) BEARING PADS HAVE BEEN DESIGNED ACCORDING TO AASHTO LRFD BRIDGE SPECIFICATIONS, SECTION 14.7.6 AND SHALL BE FURNISHED IN ACCORDANCE WITH AASHTO LRFD BRIDGE CONSTRUCTION SPECIFICATIONS, SECTION 18.2, ELASTOMERIC BEARINGS, AND AASHTO M 251.
- 2) 1/4" DIAMETER SMOOTH DOWELS SHALL BE ASTM A 709 GRADE 50.
- 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 1/4" COVER ON THE TOP, BOTTOM, AND SIDES AND AROUND THE HOLE.
- 6) 3/16" LOAD PLATES AND 12 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 1/2° 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.

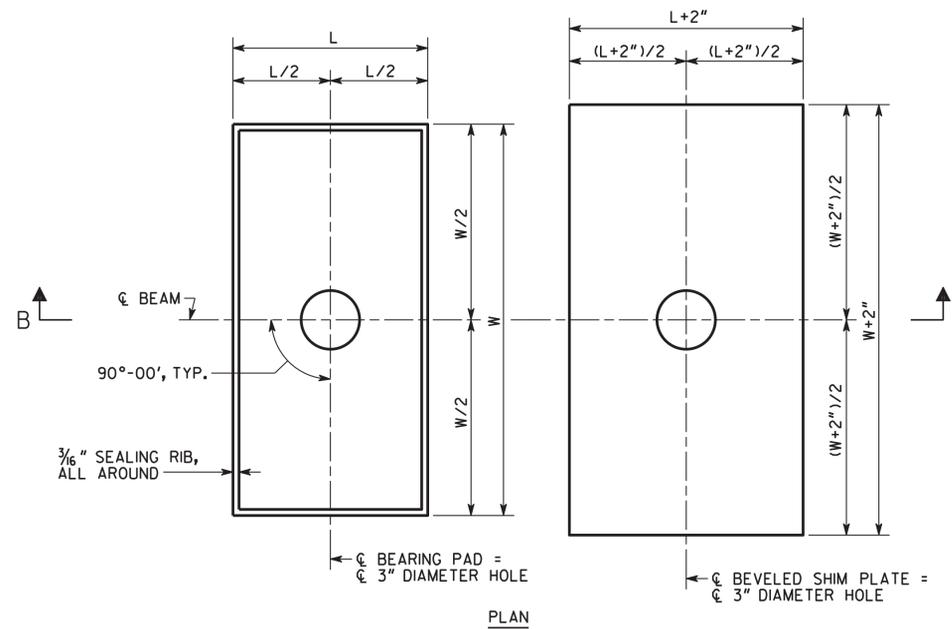


PLAN  
 BENT 1 SHOWN  
 BENT 4 SIMILAR



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

BENT	BEAM	BEARING PADS							BEVELED SHIM PLATES		
		W	L	T	NUMBER OF INTERNAL PLATE(S)	DESIGN SHEAR DEFLECTION	DESIGN LOADS (KIPS)			T1	T2
							DEAD LOAD	LIVE LOAD (NO IMPACT)	DEAD LOAD + LIVE LOAD		
1	1	18"	11"	2 7/8"	3	0.56"	101	97	198	1/2"	1/4"
	2	18"	11"	2 7/8"	3	0.56"	101	97	198	1/2"	1/4"
	3	18"	11"	2 7/8"	3	0.56"	101	97	198	3/8"	1/4"
	4-10	18"	11"	2 7/8"	3	0.56"	101	97	198	NA	NA
2 BK	1	18"	11"	2 7/8"	3	0.56"	101	97	198	1/2"	1/4"
	2	18"	11"	2 7/8"	3	0.56"	101	97	198	1/2"	1/4"
	3	18"	11"	2 7/8"	3	0.56"	101	97	198	3/8"	1/4"
	4-10	18"	11"	2 7/8"	3	0.56"	101	97	198	NA	NA
2 AH - 4	1-10	18"	11"	2 7/8"	3	0.56"	101	97	198	NA	NA

BRIDGE NO. 5

THE LPA GROUP  
 TRANSPORTATION CONSULTANTS  
 3595 ENGINEERING DRIVE  
 NORCROSS, GEORGIA 30092  
 (770) 253-9118

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

BEARING PAD DETAILS  
 JIMMY DELOACH CONNECTOR  
 OVER TRIBUTARY TO ST. AUGUSTINE CREEK  
 CHATHAM COUNTY CSMSL-0008-00(690)

SCALE: NONE AUGUST 2013

DRAWING NO. 35-047	DESIGNED JCW	CHECKED JPS/ANZ	REVIEWED DLC/WMD
BRIDGE SHEET 10 OF 16	DRAWN JCW/BSB	DESIGN GROUP SKG	APPROVED BFR

1 INCH WHEN PRINTED FULL SIZE