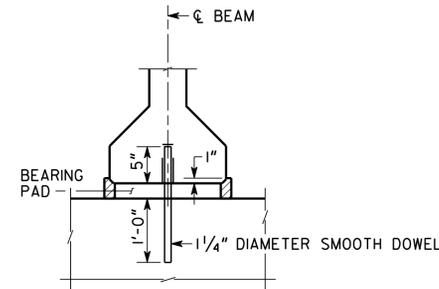
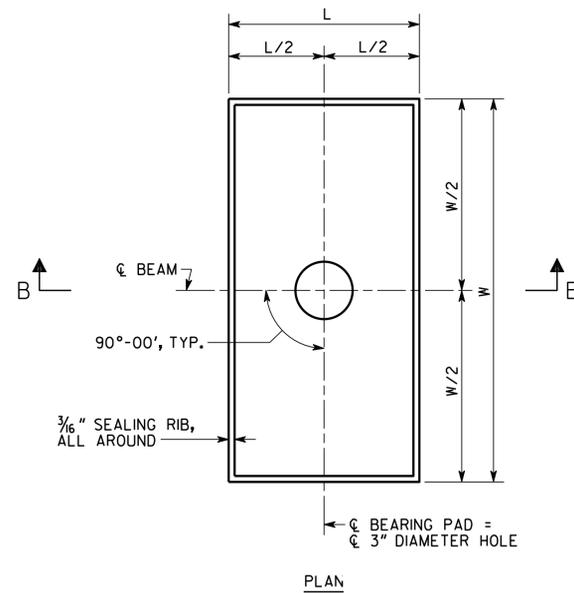


PLAN  
BENT 1 SHOWN  
BENT 2 SIMILAR

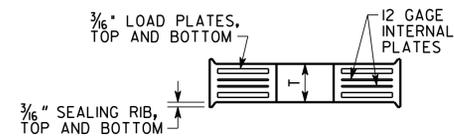


PREFORMED FOAM JOINT FILLER SHALL BE FURNISHED IN ACCORDANCE WITH SUB-SECTION 833.2.10 OF THE GEORGIA DOT SPECIFICATIONS.

ENDWALL NOT SHOWN  
SECTION A-A



PLAN



SECTION B-B  
BEARING PAD

NOTES

- 1) BEARING PADS HAVE BEEN DESIGNED ACCORDING TO AASHTO LRFD BRIDGE 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.

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	22"	10"	2.75"	3	0.36"	146	98	244
2	22"	10"	2.75"	3	0"	146	98	244

BRIDGE NO. 1

THE LPA GROUP  
TRANSPORTATION CONSULTANTS  
3095 ENGINEERING DRIVE  
MARIETTA, GEORGIA 30066  
17701-0511-0

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

BEARING PAD DETAILS  
JIMMY DELOACH CONNECTOR  
OVER GRANGE ROAD  
CHATHAM COUNTY CSMSL-0008-00(690)

SCALE: 1" = NO SCALE JULY 2013

DRAWING NO.  
35-06  
BRIDGE SHEET  
6 OF 9

DATE  
REVISIONS  
BY

DESIGNED BSB	CHECKED ANZ	REVIEWED DLC/WMD
DRAWN BSB	DESIGN GROUP AWB/SKG	APPROVED BFR