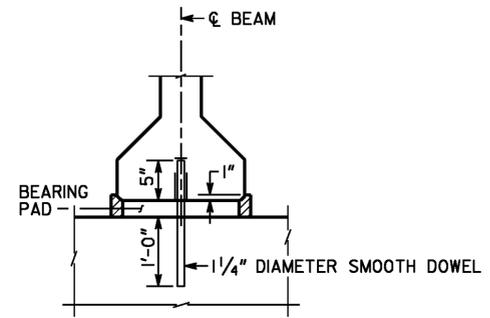


PLAN  
BENT 1 SHOWN  
BENT 3 SIMILAR

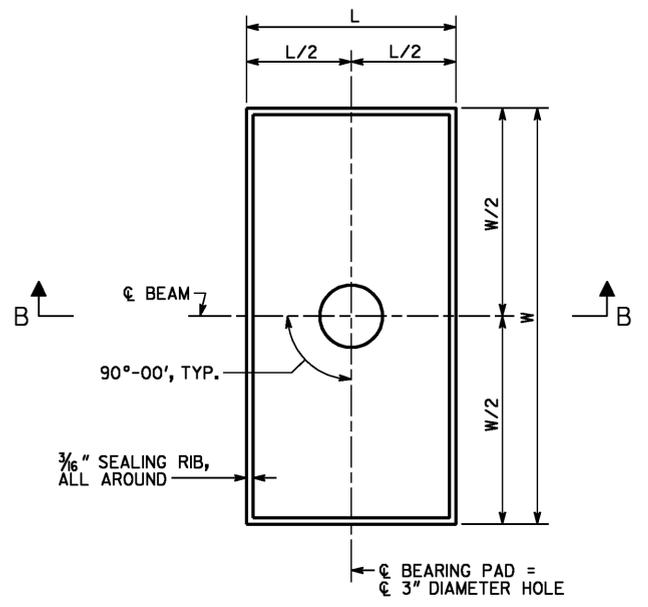


PREFORMED FOAM JOINT FILLER SHALL BE FURNISHED IN ACCORDANCE WITH SUB-SECTION 833.2.10 OF THE GEORGIA DOT SPECIFICATIONS.

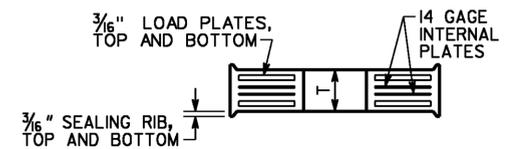
ENDWALL NOT SHOWN  
SECTION A-A

NOTES

- 1) BEARING PADS HAVE BEEN DESIGNED ACCORDING TO AASHTO SPECIFICATIONS DIVISION I, SECTION 14.6.6 AND SHALL BE FURNISHED IN ACCORDANCE WITH AASHTO SPECIFICATIONS DIVISION II, SECTION 18, BEARINGS.
- 2) 1 1/4" 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 1/4" 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 1/2° MOLD DRAFT IS OPTIONAL.



PLAN



SECTION B-B  
BEARING PAD

BENT	BEARING PADS							
	W	L	T	NUMBER OF INTERNAL PLATE(S)	DESIGN SHEAR DEFLECTION	DESIGN LOADS (KIPS)		
						DEAD LOAD	LIVE LOAD (NO IMPACT)	DEAD LOAD + LIVE LOAD
1&3	22"	11"	2 1/8"	2	0.56"	137.34	54.89	192.23
2	22"	11"	2 1/8"	2	0.00"	137.34	54.89	192.23

BRIDGE NO. 1

THE LPA GROUP  
  
 THE LPA GROUP INCORPORATED  
 TRANSPORTATION CONSULTANTS  
 3535 ENGINEERING DRIVE  
 NORCROSS, GEORGIA 30092  
 (770) 263-9118

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

BEARING PAD DETAILS  
 RIDGEWALK PARKWAY OVER I-575  
 CHEROKEE COUNTY CSNHS-0006-00(043)

SCALE: NONE  
 DECEMBER 2010

DATE	
REVISIONS	
BY	

DRAWING NO.  
35-08  
 BRIDGE SHEET  
8 OF 14

DESIGNED BSB	CHECKED ANZ	REVIEWED WEI/WMD
DRAWN CJH	DESIGN GROUP AWB	APPROVED PVL