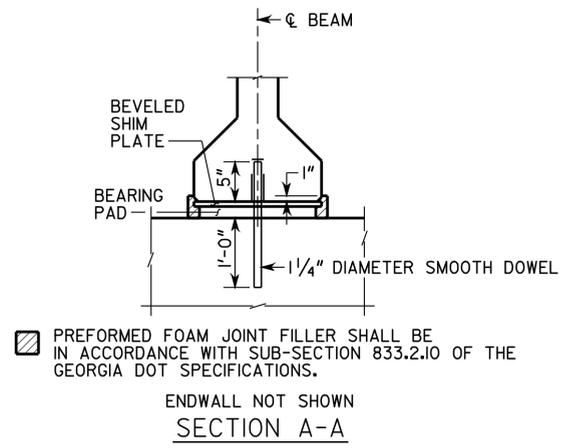
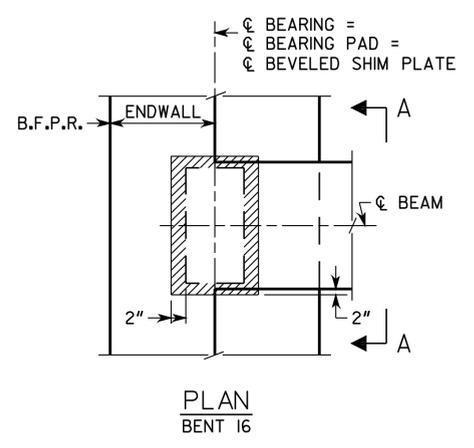
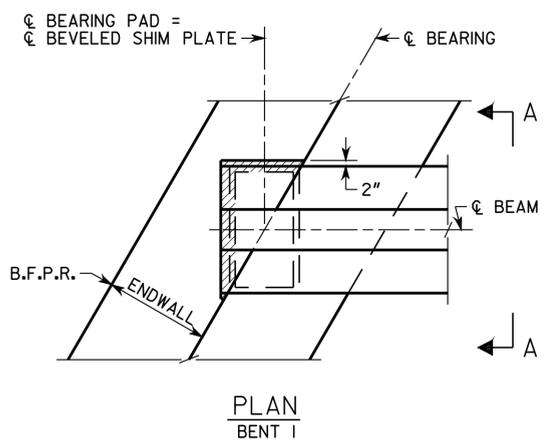


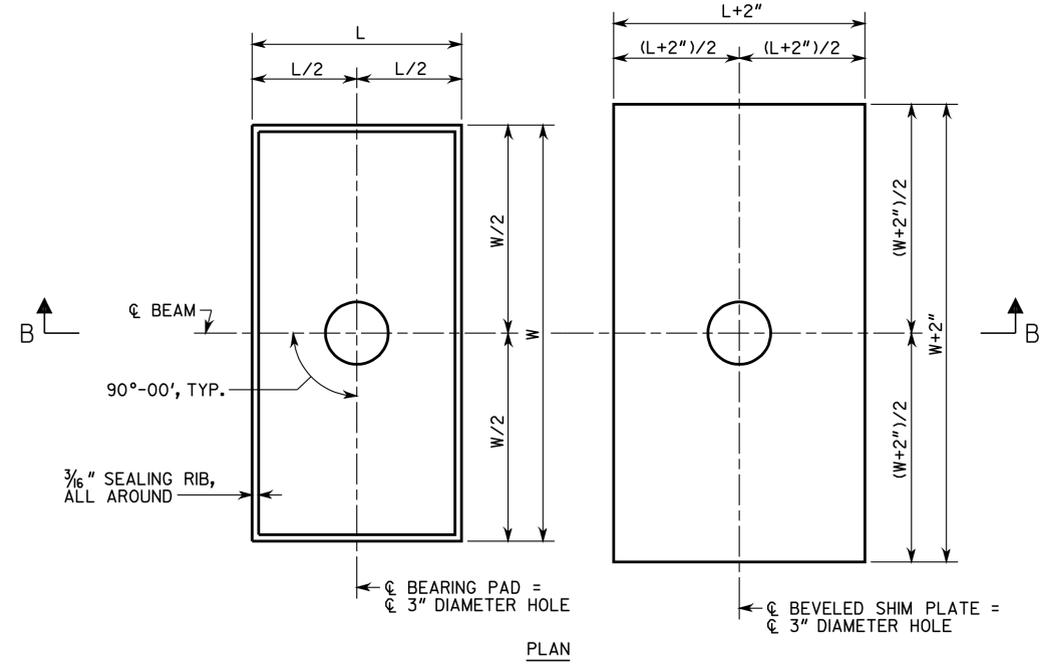
RELEASED FOR CONSTRUCTION 10-05-2010



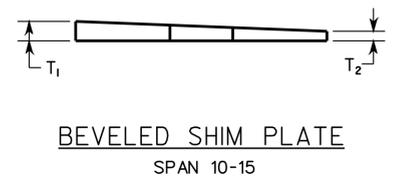
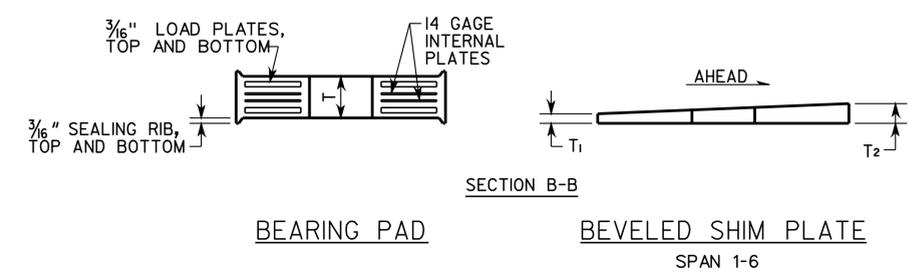
PREFORMED FOAM JOINT FILLER SHALL BE IN ACCORDANCE WITH SUB-SECTION 833.2.10 OF THE GEORGIA DOT SPECIFICATIONS.

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) 1/4" 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.
- 9) BEVELED SHIM PLATES SHALL BE ASTM A 709 GRADE 36 AND SHALL BE GALVANIZED IN ACCORDANCE WITH ASTM A 123.



SPAN	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 & 3	24"	13"	2 3/8"	2	0.66"	195.55	61.31	256.86	1/4"	1"
2 & 4	24"	13"	2 3/8"	2	0"	195.55	61.31	256.86	1/4"	1"
5	24"	13"	2 3/8"	2	0.66"	195.55	61.31	256.86	1/4"	7/8"
6	24"	13"	2 3/8"	2	0"	195.55	61.31	256.86	1/4"	3/4"
10	24"	13"	2 3/8"	2	0.66"	195.55	61.31	256.86	3/4"	1/4"
11	24"	13"	2 3/8"	2	0"	195.55	61.31	256.86	7/8"	1/4"
12 & 14	24"	13"	2 3/8"	2	0.66"	195.55	61.31	256.86	1"	1/4"
13 & 15	24"	13"	2 3/8"	2	0"	195.55	61.31	256.86	1"	1/4"



BRIDGE NO. 1

THE LPA GROUP INCORPORATED
 TRANSPORTATION CONSULTANTS
 3595 ENGINEERING DRIVE
 NORCROSS, GEORGIA 30092
 (770) 263-9118

GEORGIA
DEPARTMENT OF TRANSPORTATION
 PRECONSTRUCTION DIVISION-OFFICE OF BRIDGE DESIGN

NEOPRENE BEARING DETAILS
 SR 204 SPUR (DIAMOND CAUSEWAY)
 OVER SKIDAWAY NARROWS
 CHATHAM COUNTY CSSTP-0008-00(651)

SCALE: NONE OCTOBER 2010

DRAWING NO. 35-30
 BRIDGE SHEET 30 OF 48

DATE	
REVISIONS	
BY	

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