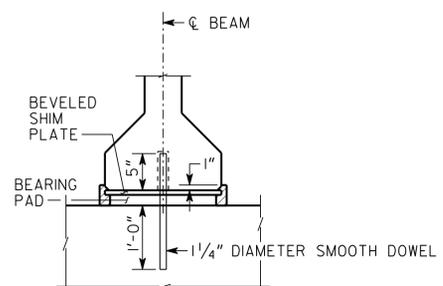


PLAN
BENT 6N

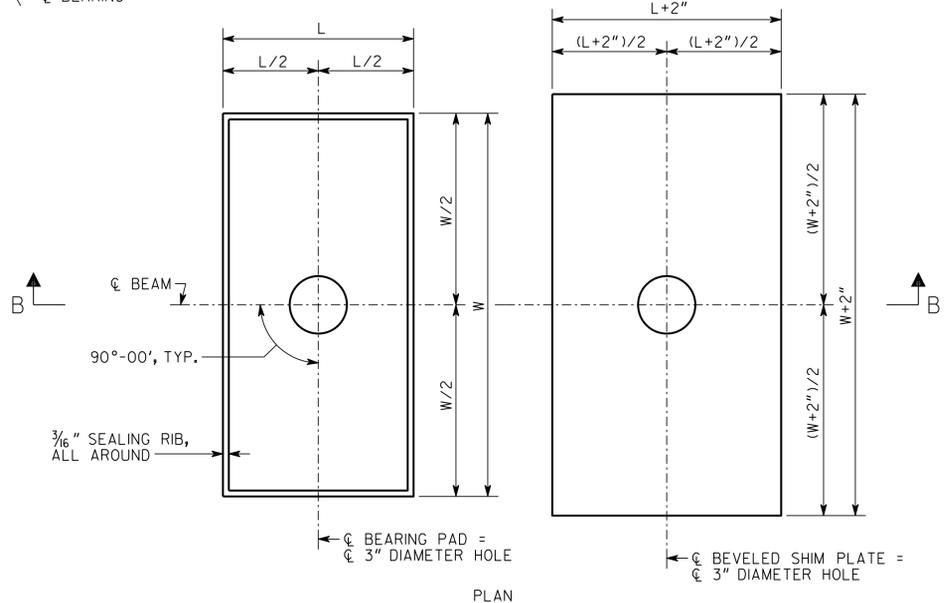


PREFORMED FOAM JOINT FILLER SHALL BE IN ACCORDANCE WITH SUB-SECTION 833.2.10 OF THE GEORGIA DOT SPECIFICATIONS.

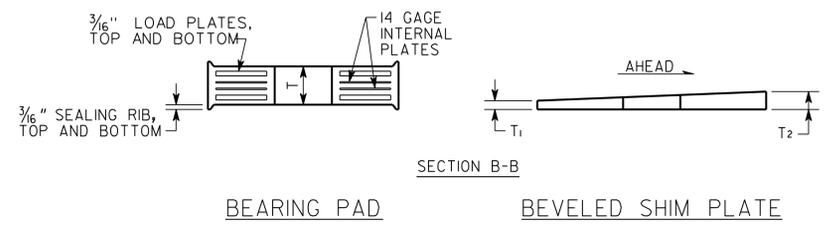
ENDWALL NOT SHOWN
SECTION A-A

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.
- 9) BEVELED SHIM PLATES SHALL BE ASTM A 709 GRADE 36 AND SHALL BE GALVANIZED IN ACCORDANCE WITH ASTM A 123.
- 10) EACH BEVELED SHIM PLATE SHALL BE MARKED WITH THE BENT, LOCATION, BEAM AND UPSTATION DIRECTION.



PLAN



BEARING PAD

BEVELED SHIM PLATE

LOCATION	BEARING PADS						DESIGN LOADS (KIPS)			BEVELED SHIM PLATES	
	W	L	T	NUMBER OF INTERNAL PLATE(S)	MAXIMUM DESIGN SHEAR DEFLECTION	DESIGN LOADS (KIPS)			T ₁	T ₂	
						DEAD LOAD	LIVE LOAD (NO IMPACT)	DEAD LOAD + LIVE LOAD			
BENT 2N AHD	18	10	2 3/8	3	0	73	43.2	116.2	3/8"	5/8"	
BENT 3N BK	18	10	2 3/8	3	0.35	73	43.2	116.2	3/8"	5/8"	
BENT 3N AHD	18	10	2 3/8	3	0.35	73	43.2	116.2	3/8"	5/8"	
BENT 4N BK	18	10	2 3/8	3	0.71	73	43.2	116.2	3/8"	5/8"	
BENT 4N AHD	18	10	2 3/8	3	0.35	73	43.2	116.2	3/8"	5/8"	
BENT 5N BK	18	10	2 3/8	3	0	73	43.2	116.2	3/8"	5/8"	
BENT 5N AHD	18	10	2 3/8	3	0	73	43.2	116.2	3/8"	5/8"	
BENT 6N BK	18	10	2 3/8	3	0.35	73	43.2	116.2	3/8"	5/8"	

ALL DIMENSIONS ARE IN INCHES, UNLESS NOTED OTHERWISE

RELEASED FOR CONSTRUCTION
MARCH 15, 2012

BRIDGE NO. 1

		GEORGIA DEPARTMENT OF TRANSPORTATION ENGINEERING DIVISION-OFFICE OF BRIDGES AND STRUCTURES	
		BEARING PAD DETAILS I-85 SOUTHBOUND TO SR 400 NORTHBOUND SR 400/I-85 CONNECTOR RAMPS OVER LENOX ROAD AND NORTH FORK PEACHTREE CREEK FULTON COUNTY NH000-0085-02(153)	
DATE	REVISIONS	DRAWING NO. 35.1 - 14	SCALE: NONE FEBRUARY 2012
BY	DESIGNED: BKA DRAWN: BRW	CHECKED: GBL DESIGN GROUP	REVIEWED: