

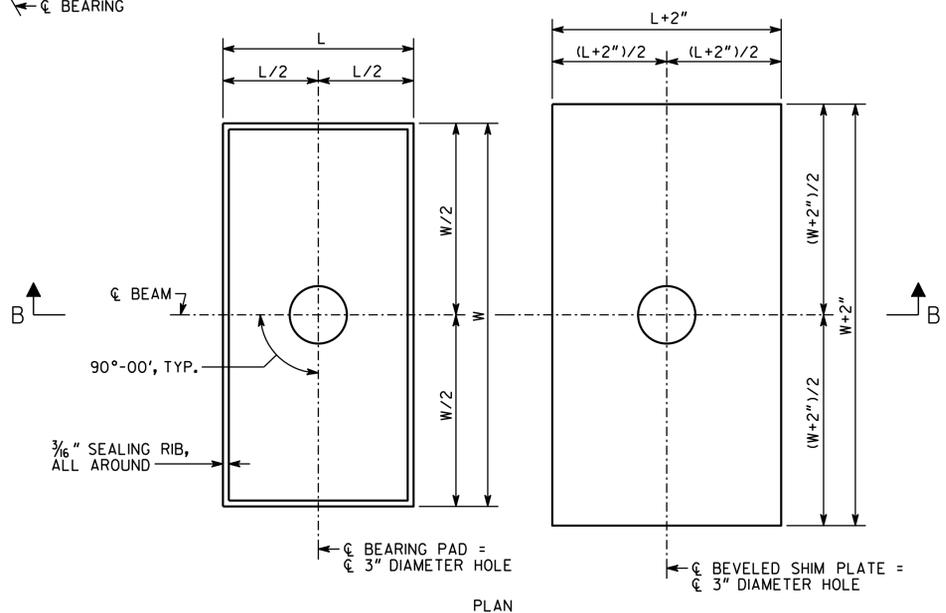
PREFORMED FOAM JOINT FILLER SHALL BE IN ACCORDANCE WITH SUB-SECTION 833.2.10 OF THE GEORGIA DOT SPECIFICATIONS.

ENDWALL NOT SHOWN
SECTION A-A

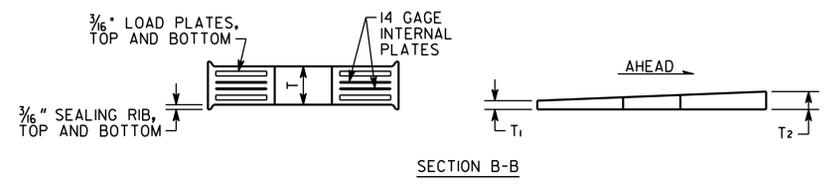
NOTES

- 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) 1/4" 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
BENT 6N



PLAN



BEARING PAD

BEVELED SHIM PLATE

LOCATION	BEARING PADS						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

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)

AS-BUILT

DRAWING NO.
35.1 - 14
BRIDGE SHEET
14 OF 20

DATE	
REVISIONS	
BY	

DESIGNED	BKA	CHECKED	GBL	REVIEWED	
DRAWN	BRW	DESIGN GROUP		APPROVED	

1 INCH WHEN PRINTED FULL SIZE