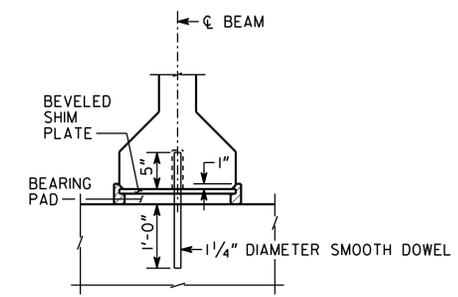


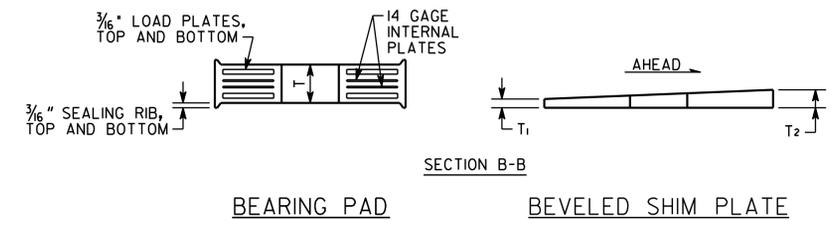
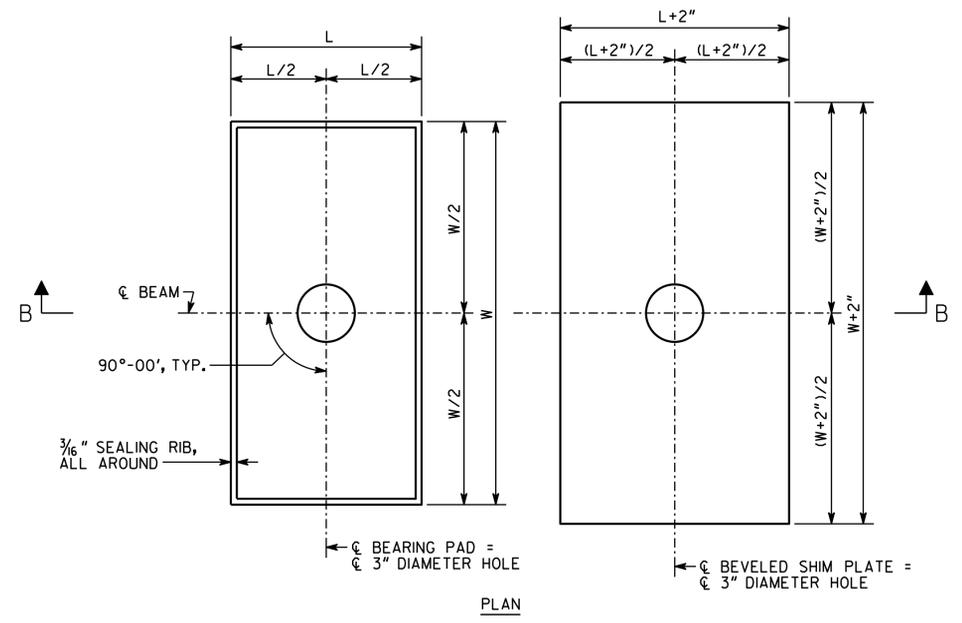
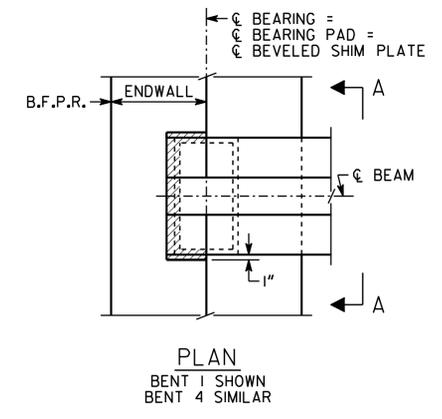
NOTES

- 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.



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



LOCATION	BEARING PADS								BEVELED SHIM PLATES	
	W	L	T	NUMBER OF INTERNAL PLATE(S)	MAXIMUM DESIGN SHEAR DEFLECTION	DESIGN LOADS (KIPS)			T1	T2
						DEAD LOAD	LIVE LOAD (NO IMPACT)	DEAD LOAD + LIVE LOAD		
BENT 1	22"	12"	3 3/4"	6	0.74"	164	53	217	3/8"	5/8"
BENT 2 BK	22"	12"	3 3/4"	6	0.38"	144	53	197	3/8"	5/8"
BENT 2 AH	22"	12"	3 3/4"	6	0.38"	156	53	209	1/4"	3/4"
BENT 3 BK	22"	12"	3 3/4"	6	0.00"	156	53	209	1/4"	3/4"
BENT 3 AH	22"	13"	3 3/4"	6	0.00"	179	59	238	1/4"	3/4"
BENT 4	22"	13"	3 3/4"	6	0.43"	200	59	259	1/4"	3/4"

BRIDGE NO. 3

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

BEARING DETAILS
I-85 SOUTHBOUND TO SR 400 NORTHBOUND
OVER SIDNEY MARCUS BLVD.
SR 400/I-85 CONNECTOR RAMPS
FULTON COUNTY NH000-0085-02(153)

NO SCALE FEBRUARY 2012

AS-BUILT	DRAWING NO. 35.3 - 12	BRIDGE SHEET 12 OF 19			
	DESIGNED GBL	CHECKED MS/KAK	REVIEWED	APPROVED	DATE