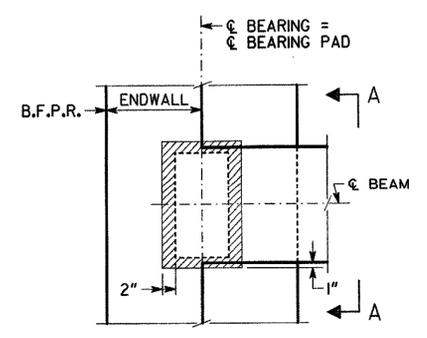
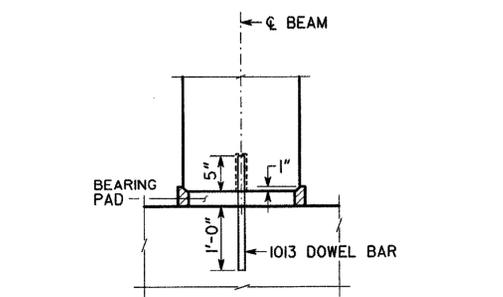


NOTES

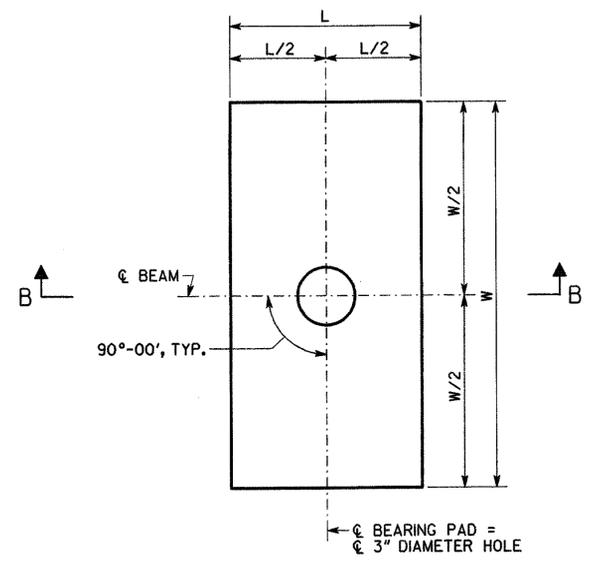
- 1) BEARING PADS "A" SHALL BE FURNISHED IN ACCORDANCE WITH AASHTO SPECIFICATIONS DIVISION II, SECTION 18, BEARINGS.
- 2) BEARING PADS "B" HAVE BEEN DESIGNED ACCORDING TO AASHTO SPECIFICATIONS DIVISION I, SECTION 14.6.6 AND SHALL BE FURNISHED IN ACCORDANCE WITH AASHTO SPECIFICATION DIVISION II, SECTION 18, BEARINGS.
- 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) REINFORCED BEARING PADS SHALL HAVE 1/2" COVER ON THE TOP, BOTTOM, AND SIDES AND AROUND THE HOLE.
- 6) 3/8" 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 LOAD PLATES AND 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 1/2° MOLD DRAFT IS OPTIONAL.
- 9) COST OF FURNISHING AND INSTALLING BEARING PADS SHALL BE INCLUDED IN "LUMP CY SUPERSTR. CONCRETE, CL AA".
- 10) SHOULD THE CONTRACTOR CHOOSE TO SUBSTITUTE PRECAST BEAMS FOR THE CAST-IN-PLACE BEAMS SHOWN, BEARING PADS "B" SHALL BE REDESIGNED ACCOUNTING FOR NEW LOADS AND ROTATIONS AND SHALL HAVE 3/8" SEALING RIBS TOP AND BOTTOM. BEARING PADS "A" SHALL REMAIN AS SHOWN.



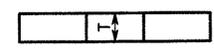
PLAN
SCALE: NONE
BENT 1 SHOWN
BENT 7 SIMILAR



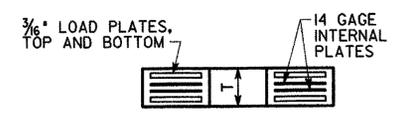
PREFORMED FOAM JOINT FILLER SHALL BE FURNISHED IN ACCORDANCE WITH SUB-SECTION 833.2.10 OF THE GEORGIA DOT SPECIFICATIONS.
ENDWALL NOT SHOWN
SECTION A-A
SCALE: NONE



PLAN



SECTION B-B
BEARING PAD "A"
SCALE: NONE



SECTION B-B
BEARING PAD "B"
SCALE: NONE

BENT	BEARING PADS									
	PAD	W	L	T	NUMBER OF LOAD PLATES	NUMBER OF INTERNAL PLATE(S)	DESIGN SHEAR DEFLECTION	DESIGN LOADS (KIPS)		
								DEAD LOAD	LIVE LOAD (NO IMPACT)	DEAD LOAD + LIVE LOAD
1	B	16"	9"	2 1/8"	2	2	0.35"	37	42	79
2	B	16"	9"	2 1/8"	2	2	0.23"	37	42	79
3	A	16"	9"	1/2"	-	-	-	-	-	-
4	A	16"	9"	1/2"	-	-	-	-	-	-
5	A	16"	9"	1/2"	-	-	-	-	-	-
6	B	16"	9"	2 1/8"	2	2	0.23"	37	42	79
7	B	16"	9"	2 1/8"	2	2	0.35"	37	42	79

BRIDGE NO. 1

Browder + LeQuizamon and Associates, Inc. ENGINEERS
 174 WEST MELUCA ROAD ATLANTA, GEORGIA 30342 (404) 851-9580
URS 225 PEACHTREE STREET, NORTH TOWER, SUITE 2000 ATLANTA, GEORGIA 30303 TEL: 404-588-9800 FAX: 404-516-7797

DATE	REVISIONS

GEORGIA
DEPARTMENT OF TRANSPORTATION
 PRECONSTRUCTION DIVISION-OFFICE OF BRIDGE DESIGN

BEARING DETAILS
 S.R. 329 OVER HOGCRAWL CREEK
 MACON COUNTY BRST-2025(5)

SCALE: AS NOTED JUNE 2006

DESIGNED P.A.L.	CHECKED C.L.	REVIEWED F.E.J.
DRAWN R.B.H.	DESIGN GROUP E.J.C.	APPROVED P.V.L.

BRIDGE SHEET
6 OF 10