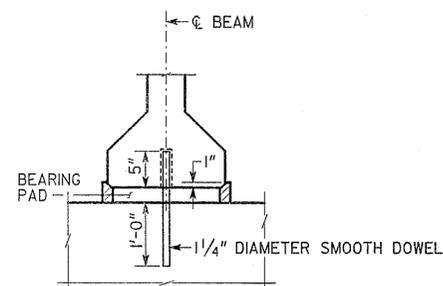
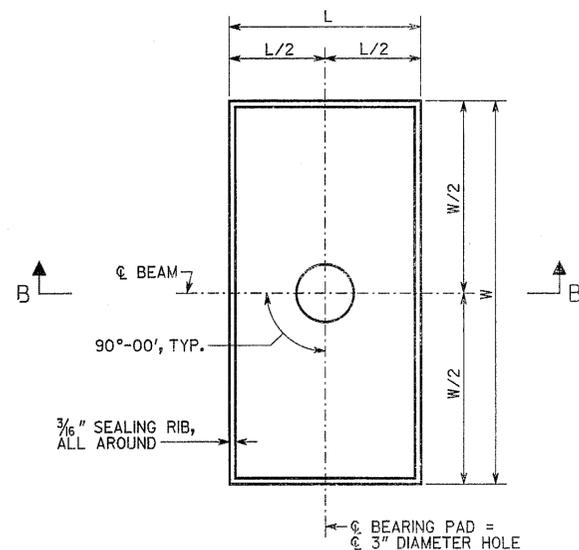


PLAN
BENT 1 SHOWN
BENT 4 SIMILAR

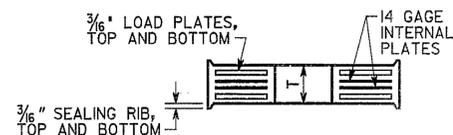


PREFORMED FOAM JOINT FILLER SHALL BE FURNISHED IN ACCORDANCE WITH SUB-SECTION 833.2.10 OF THE GEORGIA DOT SPECIFICATIONS.

ENDWALL NOT SHOWN
SECTION A-A



PLAN



SECTION B-B
BEARING PAD

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.

BENT	BEARING PADS							
	W	L	T	NUMBER OF INTERNAL PLATE(S)	DESIGN SHEAR DEFLECTION	DESIGN LOADS (KIPS)		
						DEAD LOAD	LIVE LOAD (NO IMPACT)	DEAD LOAD + LIVE LOAD
1	18"	10"	1 7/8"	3	0.403"	92.8	53.5	146.3
2AH & 2BK	18"	10"	1 7/8"	2	0.403"	82.7	53.5	136.2
3AH & 3BK	18"	10"	1 7/8"	2	0.000	82.7	53.5	136.2
4	18"	10"	2 1/4"	2	0.806"	92.8	53.5	146.3

BRIDGE NO. 1

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

BEARING PAD DETAILS
C.R.472 (KENNEDY BRIDGE ROAD)
OVER CEDAR CREEK
TATTNALL CO. CSBRG-0007-00(396)

DRAWING NO. 35 - 8	NO SCALE	JANUARY 2011
BRIDGE SHEET 8 OF 12	DESIGNED VO DRAWN VO	CHECKED RAG DESIGN GROUP RAG
	REVIEWED WEI/WMD APPROVED BFR	

1 INCH WHEN PRINTED FULL SIZE

0007396.DGN