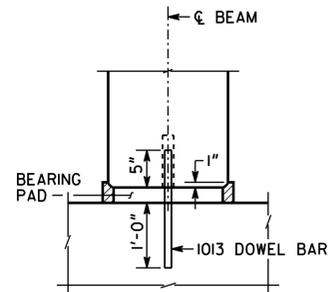
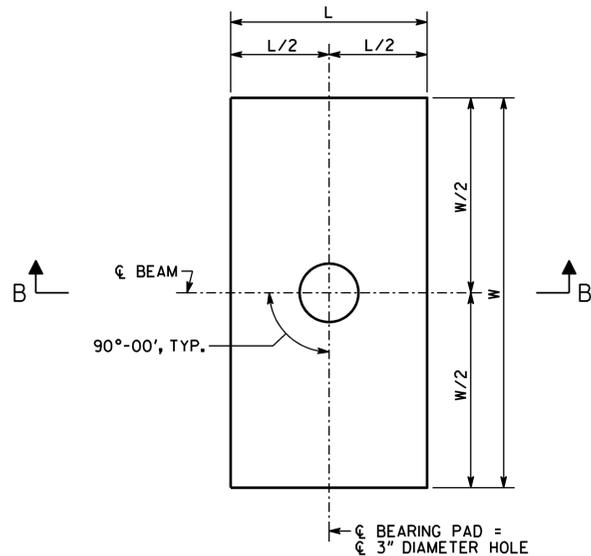


PLAN
 SCALE: NONE
 BENT 1 SHOWN
 BENT 4 SIMILAR

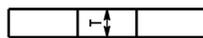


PREFORMED FOAM JOINT FILLER SHALL BE FURNISHED IN ACCORDANCE WITH SUB-SECTION 833.2.10 OF THE GEORGIA DOT SPECIFICATIONS.

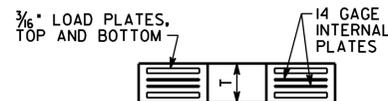
ENDWALL NOT SHOWN
 SECTION A-A
 SCALE: NONE



PLAN



SECTION B-B
 BEARING PAD "A"



SECTION B-B
 BEARING PAD "B"

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 1/4" 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.

| BENT | PAD | BEARING PADS | | | | | | | | |
|------|-----|--------------|----|--------|-----------------------|-----------------------------|-------------------------|---------------------|-----------------------|-----------------------|
| | | 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 | 3 | 0.36" | 36.0 | 43.0 | 79.0 |
| 2 | A | 16" | 9" | 1/2" | - | - | - | - | - | - |
| 3 | A | 16" | 9" | 1/2" | - | - | - | - | - | - |
| 4 | A | 16" | 9" | 1/2" | - | - | - | - | - | - |

BRIDGE NO. 1

URS
 URS CORPORATION
 400 NORTHPARK TOWN CENTER
 1000 ABERNATHY ROAD, N. E.
 SUITE 900
 ATLANTA, GA 30328
 TEL: (678) 808-8800
 FAX: (678) 808-8400

| REVISIONS | | | | DESIGNED | CAV |
|-----------|-------------|------|---|--------------|---------|
| BY | DESCRIPTION | DATE | Δ | DRAWN | CAV |
| | | | | CHECKED | RSC |
| | | | | GDOT LIAISON | EJC |
| | | | | REVIEWED | WEI/WMD |
| | | | | APPROVED | PVL |
| | | | | NO SCALE | |
| | | | | JULY 2011 | |

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

BEARING DETAILS
 SR 100 OVER CLEAR CREEK

BRSTO-2797-00(004)
 HEARD COUNTY

BRIDGE SHEET 6 OF 10
 DRAWING No. 35-0006