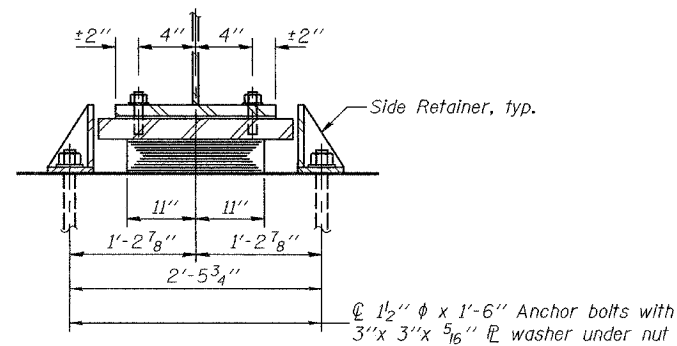


ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
F.A.P. 698	IVBR	BUREAU	72	43
FED. ROAD DIST. NO. 7		ILLINOIS	FED. AID PROJECT-	

Contract No. 66361



SECTION A-A

Technical drawing of a bearing assembly. The diagram shows a cross-section of a shaft with a bearing assembly mounted on it. Key dimensions and labels include:

- Brg.**: Bearing
- 7/8" φ hole in bott. flange**: Dimension indicating the diameter of the hole in the bottom flange.
- 2"**: Two dimensions of 2 inches are shown, likely indicating the distance from the centerline to the edge of the flange or the distance between mounting points.
- Shim**: A label pointing to the shim used for adjustment.
- 1 1/2"**: Dimension indicating the height of the bearing assembly.
- Bearing Assembly**: Label for the entire bearing unit.
- 7 1/2"**: Two dimensions of 7 1/2 inches are shown at the base, likely indicating the total width or the distance between mounting points.

Side Retainer, typ.

$\pm 2''$ 4" 4" $\pm 2''$
 12" 12"
 1'-3 $\frac{7}{8}$ " 1'-3 $\frac{7}{8}$ "
 2'-7 $\frac{3}{4}$ "
 @ 1 $\frac{1}{2}$ " ϕ x 1'-6" Anchor bolts with
 3"x 3"x $\frac{5}{16}$ " @ washer under nut

SECTION B-B

[illegible]

Technical drawing of a repair patch for a concrete slab. The drawing shows a cross-section of a 6" thick slab with a 1'-0" wide repair area. The repair consists of a 1'-4" x 2'-2" patch of 3/4" ϕ Threaded Stud (M164, Type 3) with flat washer & hex nut. (4-Req'd.) The patch is bonded to the slab and is supported by 3-Layers of 3/4" Elastomer (55 Durometer) and 2-3/16" Steel plates. The patch is 1'-3" wide and 1'-4" high. The slab is 6" thick, with 2 5/8" and 3/8" layers. The repair area is 1'-0" wide, with 2" margins on either side. The patch is 3" high, with 1" margins on either side. The patch is 1'-3" wide, with 1/2" margins on either side. The patch is 1'-4" high, with 3/4" margins on either side.

Equivalent rolled angle with stiffeners will be allowed in lieu of welded plates. All plates for side retainers shall be AASHTO M270, Grade 50W.

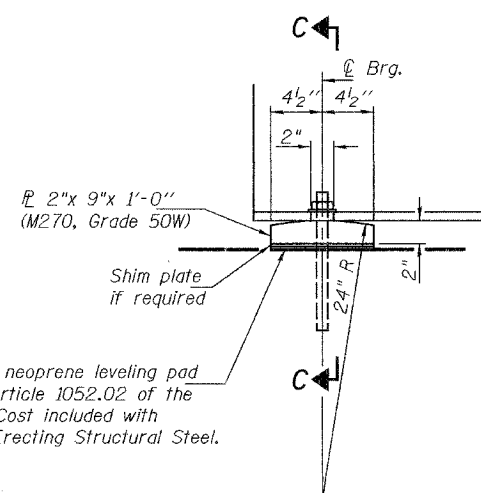


Fig. 10

1'-0"

3" 3"

1/2"

1" ϕ x 1'-0" anchor bolts with
 $2\frac{1}{4}$ " x $2\frac{1}{4}$ " x $\frac{5}{16}$ " $\mathbb{E}$ washer under nut.
 $1\frac{3}{8}$ " x 2" slotted hole in bott. flange.
 $1\frac{1}{2}$ " ϕ holes in bearing plate.
 The Contractor has the option of
 cast-in-place or drilled installation.

FIXED BEARING
12 Required

BILL OF MATERIAL

Item	Unit	Quantity
Elastomeric Bearing Assembly, Type I	Each	12

BEARING DETAILS
F.A.P. RTE. 698 - SECTION IVBR
BUREAU COUNTY
STATION 32+32.00
STRUCTURE NO. 006-0164

DESIGNED	RLT
CHECKED	PEC
DRAWN	h.t. duong
CHECKED	RLT/PEC

Jan 9, 2007

EXAMINED *Thomas J. Demagala*
ENGINEER OF BRIDGE DESIGN

PASSED *Ralph E. Anderson*
ENGINEER OF BRIDGES AND STRUCTURES