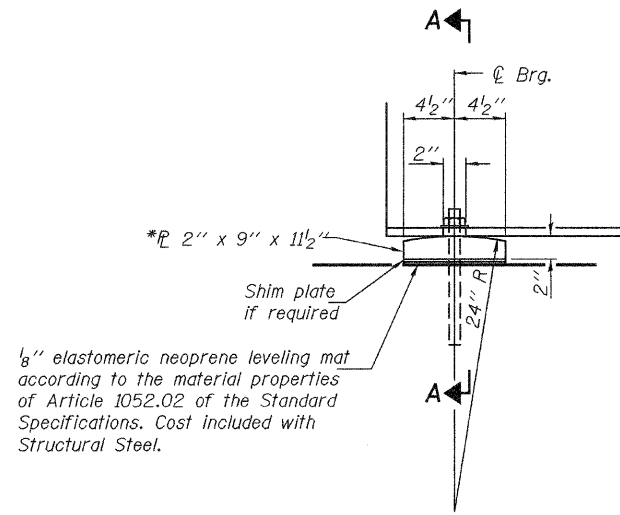


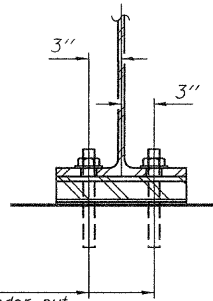
STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION



**ELEVATION AT ABUTMENT**

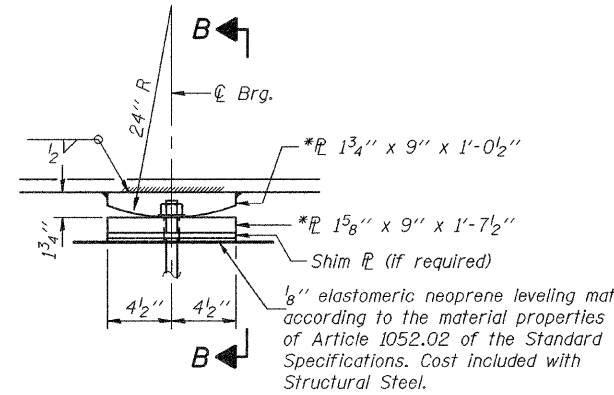
1/8" elastomeric neoprene leveling mat according to the material properties of Article 1052.02 of the Standard Specifications. Cost included with Structural Steel.

1"  $\phi$  x 1'-0" Anchor bolts (ASTM F1554 Grade 55) with 2 1/4" x 2 1/4" x 5/16" PL washer under nut  
1 3/8" x 2" slotted hole in flange  
1/2"  $\phi$  holes in bearing PL.



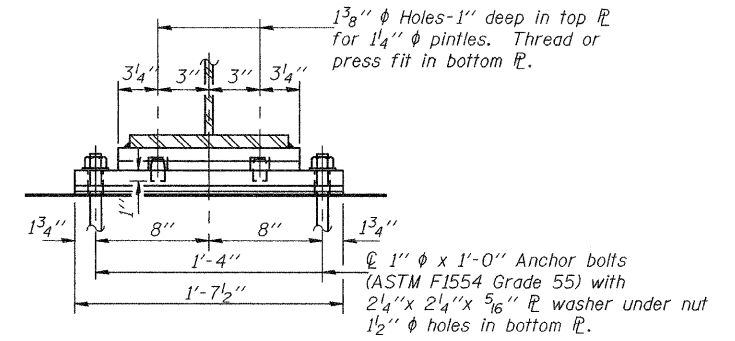
**SECTION A-A**

**FIXED BEARING**  
(12 required)



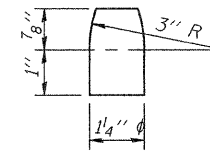
**ELEVATION AT PIERS**

**FIXED BEARING**  
(12 required)



**SECTION B-B**

\*All bearing plates and pintles shall be AASHTO M270, Grade 50.



**\*PINTLE**

Notes: Anchor bolts at fixed bearings may be either cast in place or installed in holes drilled after the member is in place.  
Drilled and set anchor bolts shall be installed according to Article 521.06 of the Standard Specifications.  
Anchor bolts shall be ASTM F1554 all-thread (or an Engineer approved alternate material of the grade and diameter specified. ASTM A307 Grade C anchor bolts may be used in lieu of ASTM F1554 Grade 36 (F<sub>y</sub>=36 ksi). The corresponding specified grade of AASHTO M314 anchor bolts may be used in lieu of ASTM F1554.  
Two 1/8" adjusting shims shall be provided for each bearing in addition to all other plates or shims and placed as shown on the bearing details.

**BILL OF MATERIAL**

Item	Unit	Total
Anchor Bolts, 1"	Each	48

**BEARING DETAILS**  
**STRUCTURE NO. 039-0070 (E.B.)**

DESIGNED	Rebecca Mitchell
CHECKED	Mark D. Shaffer
DRAWN	AMC Amber Seiber htd
CHECKED	RLM/MDS

EXAMINED	Thomas J. Domagala ENGINEER OF BRIDGE DESIGN
PASSED	Ralph E. Anderson ENGINEER OF BRIDGES AND STRUCTURES

SHEET NO. 14 22 SHEETS	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	331	(12-BY-1)-1	JACKSON	67	35
CONTRACT NO. 98641					
FED. ROAD DIST. NO. - ILLINOIS FED. AID PROJECT					