

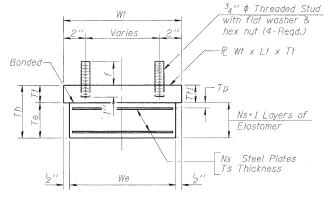
ELEVATION

SECTION B-B

FIXED BEARING

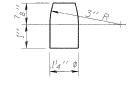
TYPE I ELASTOMERIC EXP. BRG.

(At Abutments C and D, and Pier 4)



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Location	We	Le	W†	Lt	Tt	T†1	Те	Th	Τρ	Ns	Ts	f
Abut. C	12''	18′′	13′′	20''	178"		39/6"	57 ₁₆ "	916''	4	316''	314'
Abut. D (Girders G1-G4)	12''	18''	13''	20''	178"		516"	6 ¹⁵ 16 ′′	916 ''	6	316''	314'
Abut. D (Girder G5)	6′′	10′′	7′′	12′′	12"	1916"	376"	415/16 "(+)*	516 ′′	8	14 ga	3''
Pier 4	14''	22''	15′′	24''	22"	_	276"	4 ¹⁵ 16 ′′	11/6 ''	2	3 ₁₆ ′′	3''

* Average thickness



PINTLE AASHTO M270 Grade 36

# BEARING ASSEMBLY

- Notes:
  1. Shim plates shall not be placed under Bearing Assembly.
- 2. Two  $^{l}_{8}$  adjusting shim plates shall be provided for each bearing in addition to all other plates shown on the bearing details.

Location	Anchor Bolt Type							
Abutment C	F1554, Gr. 36							
Pier 3	F1554, Gr. 36							
Abutment D	F1554, Gr. 36							
Pier 4	F1554, Gr. 55							

# € 134" \$ Hole

# SIDE RETAINER

Equivalent rolled angle with stiffeners will be allowed in lieu of welded plates (Weight included with Structural Steel).

### BILL OF MATERIAL

Item	Unit	Quantity
Elastomeric Bearing Assembly, Type I	Each	13
Anchor Bolts 114"	Each	8
Anchor Bolts 11/2"	Each	26

- 1. All structural steel for bearings shall be AASHTO M270 Grade 50 except as noted.
- 2. Anchor bolts shall be ASTM F1554 all-thread (or an Engineer-approved alternate method) of the grade and diameter specified. ASTM 307 Grade C anchor bolts may be used in lieu of ASTM F1554 Grade 36 (Fy=36 ksi). The corresponding specified grade of AASHTO M314 anchor bolts may be used in lieu of ASTM F1554.
- 3. Anchor bolts at fixed bearings may be either cast in place or installed in holes drilled after the supported member is in place.
- 4. Anchor bolts for side retainers may be cast in place or installed in holes drilled before or after members are in place.
- 5. Drilled and set anchor bolts shall be installed according to Article 521.06 of the Standard Specifications.
- 6. Side retainers and other steel members required for the bearing assembly shall be included in the cost of Elastomeric Bearing Assembly, Type I.

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	PLOT DATE = 1/12/2009	DATE -	1/13/09	REVISED -	

STATE OF ILLINOIS **DEPARTMENT OF TRANSPORTATION** 

ELASTOMERIC BEARING TYPE I AND FIXED BEARING	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
F.A.P. 392 FRANKLIN CONNECTOR (AT I-55 FRONTAGE ROAD B)	392	1717-2-3B-R	COOK	114	91
STRUCTURE NO. 016-1093			CONTRAC	CT NO. 6	2197
SCALE: NTS SHEET NO. SB13 OF SB24 SHEETS STA. 85+60.68	FED. ROAD	DIST. NO. 7 ILLINOIS FED. A	ID PROJECT		