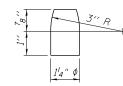


## ELEVATION AT PIER

(Looking West)

### FIXED BEARING

(At Pier 2)



SECTION B-B

#### PINTLE F1554 Grade 36

Anchor bolts shall be ASTM F1554 all-thread (or an Engineer-approved alternate material) of the grade(s) and diameter(s) specified. The corresponding specified grade of AASHTO M314 anchor bolts may be used in lieu of ASTM F1554.

Anchor bolts at fixed bearings may be either cast in place or installed in holes drilled after the supported member is in place.

Anchor bolts for side retainers may be cast in place or installed in holes drilled before or after members are in

Drilled and set anchor bolts shall be installed according to Article 521.06 of the Standard Specifications.

Side retainers and other steel members required for the elastomeric bearing assembly shall be included in the cost of Elastomeric Bearing Assembly, Type I.

Two  $^{l}_{8}$ " adjusting shims shall be provided for each bearing in addition to all other plates or shims and placed as shown on bearing details.

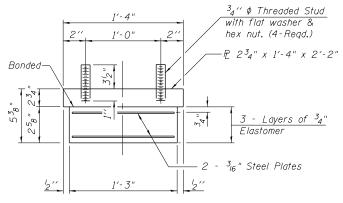
All (embedded and separate) bearing plates, side retainers, anchor bolts, nuts, washers and pintles shall be galvanized according to ASTM M111 or M232 as applicable.

#### BILL OF MATERIAL

Item	Unit	Total	
Elastomeric Bearing Assembly, Type I	Each	9	
Anchor Bolts, 1'4"	Each	36	

## TYPE I ELASTOMERIC EXP. BRG.

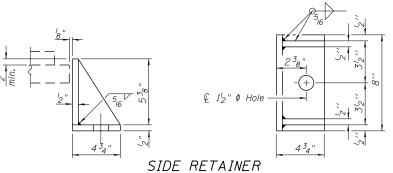
(At Pier 1)



# BEARING ASSEMBLY

(Looking West)

Shim plates shall not be placed under Bearing Assembly.



Equivalent rolled angle with stiffeners will be allowed in lieu of welded plates.

**Tran** Systems

USER NAME = BAWitort	DESIGNED	JRM	REVISED	
	CHECKED	WJC	REVISED	
PLOT SCALE = 0:2.0000 ':" / in.	DRAWN	MTS	REVISED	
PLOT DATE = 10/28/2013	CHECKED	WJC	REVISED	

STATE OF ILLINOIS **DEPARTMENT OF TRANSPORTATION** 

PIER BEARI			ING	DE	TAILS		
	STRU	JCT	URE	NO	016	5–1708	
	SHEET	NO.	37	OF	55	SHEETS	

MUN	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
2090	2013-011R	COOK	356	169	
CONTRACT NO. 60W29					
ILLINOIS FED AID PROJECT					