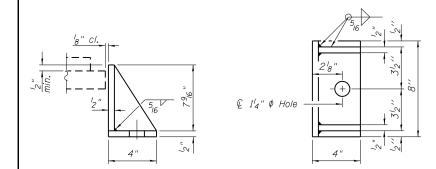


## BEARING ASSEMBLY

Note: Shim plates shall not be placed under Bearing Assembly.



# SIDE RETAINER

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

### Notes:

Anchor bolts shall be ASTM F1554 all-thread (or an Engineer-approved alternate material) of the arade(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 place.

All side retainers shall be secured in place prior to forming the bridge deck.

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

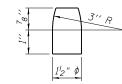
Two  $^{l}_{B}$  in. adjusting shims shall be provided for each bearing in addition to all other plates or shims and placed as shown on bearing details.

The abutment bearings shall be blocked and anchored during all phases of steel erection.

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

The structural steel plates for the bearing assembly at abutments and fixed bearings at pier shall conform to the requirements of AASHTO M270, Grade 50.

## FIXED BEARING



# PINTLE

(AASHTO M270, Gr. 50)

design firm no. 184001036	ska	USER NAME = dheberling	DESIGNED - SBC	REVISED		BEARING DETAILS	F.A.P. RTF.	SECTION	COUNTY TOTAL SHEET
WI	engineers + planners + land surveyors	FILE NAME = 0430028-64E08.dgn	CHECKED - BRD	REVISED STATE OF ILLINOIS	STRUCTURE NO. 043-0080	308	103BR-4	JoDAVIESS 159 81	
engineers + planners + l		PLOT SCALE = 0:2.00000 ':' / in.	DRAWN - DLH CHECKED - SBC	REVISED	DEPARTMENT OF TRANSPORTATION	SHEET NO. 31 OF 60 SHEETS			CONTRACT NO. 64E08
/		FEOT DATE - 9/28/2013	CHECKED - SBC	REVISED		SHEET NO. 31 OF 60 SHEETS		ILLINOIS FED.	AID PROJECT

BILL	0F	MATERIAL
-		

Item	Unit	Total
Elastomeric Bearing Assembly, Type I	Each	12
Anchor Bolts, 1"	Each	24
Anchor Bolts, 14"	Each	12