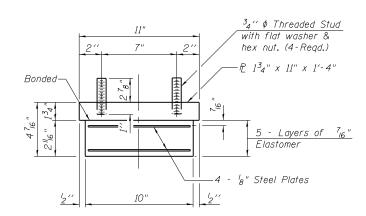
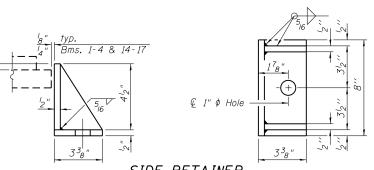


TYPE I ELASTOMERIC EXP. BRG. (West Abut.)



BEARING ASSEMBLY

Shim plates shall not be placed under Bearing Assembly.



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

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 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.

The structural steel plates of the Bearing Assembly shall conform to the requirements of AASHTO M 270 Grade 50. Two $\frac{1}{8}$ in. adjusting shims shall be provided for each bearing in addition to all other plates or shims and placed

as shown on bearing details.

hex nut. (4-Reqd.) -₽ 1³4" x 11" x 1'-4" Bonded-8 - Layers of 7₁₆" Elastomer ^l8" Steel Plates

A◀₁

ELEVATION AT ABUT.

⁷₈ " ♦ Hole in Bott, Flange

-Bearing Assembly

<u>typ.</u> Bms. 1-4 & 14-17

TYPE I ELASTOMERIC EXP. BRG.

(East Abut. 17 required)

³₄'' ¢ Threaded Stud

with flat washer &

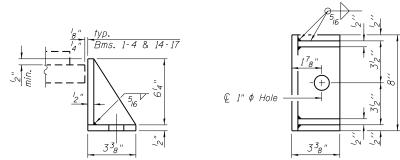
10%

SECTION A-A

BEARING ASSEMBLY

10"

Shim plates shall not be placed under Bearing Assembly.



SIDE RETAINER

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

BILL OF MATERIAL

Side Retainer, typ.

 $\frac{3}{4}$ " ϕ x 12" Anchor bolts (F1554 - Grade - 36) with 2" x 2" x ⁵16" & washer

under nut

Item	Unit	Total
Elastomeric Bearing Assembly Type I	Each	34
Anchor Bolts, 3 ₄ "	Each	68



USER NAME =	DESIGNED - JJI	REVISED
	CHECKED - JMT	REVISED
PLOT SCALE =	DRAWN - GM	REVISED
PLOT DATE = 8/15/2013	CHECKED - JMT	REVISED

STATE	: OI	F ILLINOIS	
DEPARTMENT	OF	TRANSPORTATION	

ABUTMENT BEARINGS STRUCTURE NO. 016–3035	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	307	541Y-3-B	соок	143	95
31110C1011L 140, 010—3033			CONTRAC	T NO.	60J11
SHEET NO. 34 OF 62 SHEETS		TILLINOIS FED. A	ID PROJECT		