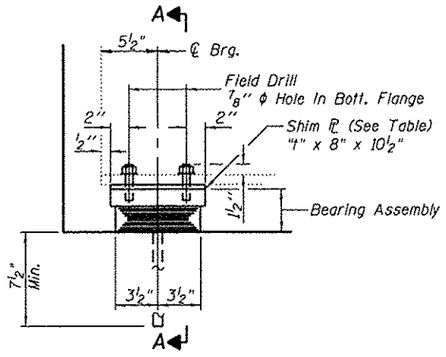
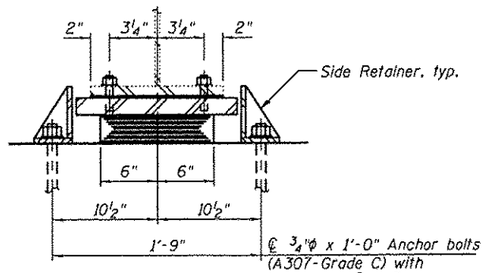


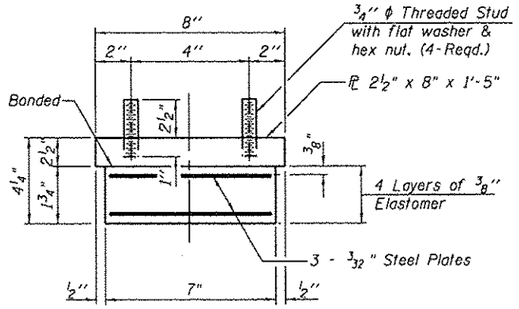
ELEVATION AT ABUT.



SECTION A-A

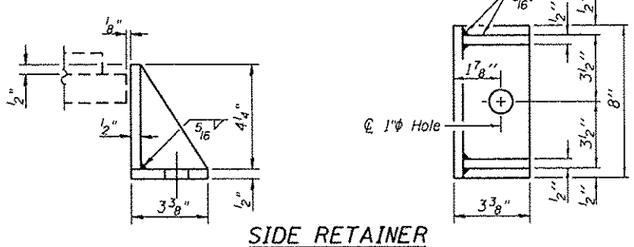
TYPE I ELASTOMERIC EXP. BRG. - N. ABUT.

(5 Req'd)



BEARING ASSEMBLY

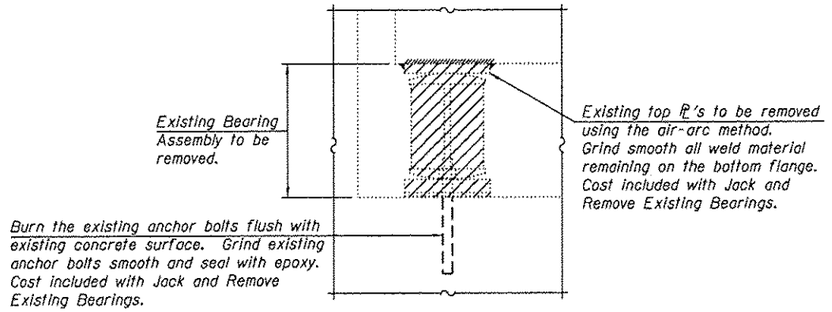
Note:
Shim plates shall not be placed under Bearing Assembly.



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 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 place.
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 ⅛" adjusting shims shall be provided for each bearing in addition to all other plates or shims and placed as shown on bearing details.



JACK AND REMOVE EXISTING BEARING PROCEDURE

1. *The contractor shall submit for approval by the engineer, plans for jacking existing beams and installing new bearings prior to commencing any related work. The maximum dead load reaction per beam (weight of steel only) is 3.5 kips at the abutments. Minimum jack capacity is 7.0 kips at abutments. Plans submitted for jacking existing beams and installing new bearings shall be sealed and certified by an Illinois Licensed Structural Engineer.*
2. *Prior to ordering any material, the contractor shall verify shim plate thickness required at each bearing.*
3. *Jack and remove existing bearings shall be done after the existing deck is removed and prior to placing the new deck.*
4. *The new bearings and shim plates shall be in place and the jacks shall be lowered before the new concrete deck is poured.*

Note: Hatched area indicates Removal of Existing Bearings.

SHIM PLATE THICKNESS "t"

Beam No.	1	2	3	4	5
"t"	--	--	⅜"	--	--

BILL OF MATERIAL

Item	Unit	Total
Elastomeric Bearing Assembly Type I	Each	5
Anchor Bolts, ¾"	Each	10
Jack and Remove Existing Bearings	Each	10

I-2E-1 1-27-12

FILE NAME = 11-194_BEARING.dgn	USER NAME = ashav	DESIGNED - A.R.K.	REVISED -
		CHECKED - J.A.M.	REVISED -
	PLOT SCALE = @SCALE@	DRAWN - A.D.S.	REVISED -
	PLOT DATE = 3/29/2013	CHECKED - A.R.K.	REVISED -

FEHR GRAHAM
ENGINEERING & ENVIRONMENTAL
ILLINOIS DESIGN FIRM NO 184-003593
FREEPORT, IL ROCKFORD, IL
ROCHELLE, IL SPRINGFIELD, IL
MONROE, WI

ABUTMENT BEARING DETAILS
STRUCTURE NO. 043-3008
SHEET NO. 11 OF 25 SHEETS

C.H.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
4	11-00138-00-BR	JODAVIESS	34	16
		CONTRACT NO. 85585		
		ILLINOIS FED. AID PROJECT		

*11-194