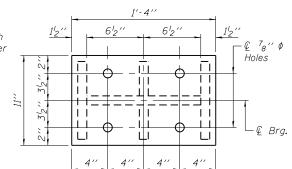


1'-4''

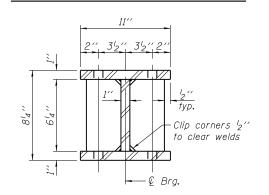
typ.

64

Cost included with Furnishing and Erecting Structural Steel (18 Required)



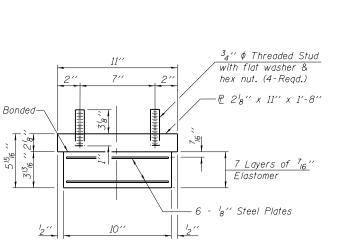
PLAN - TOP AND BOTTOM PLATE



SECTION C-C

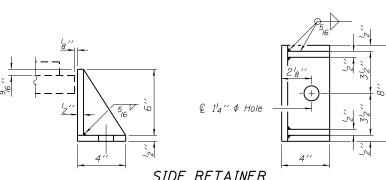
TYPE I ELASTOMERIC EXP. BRG.

(Beams 1 thru 9) (18 Required)



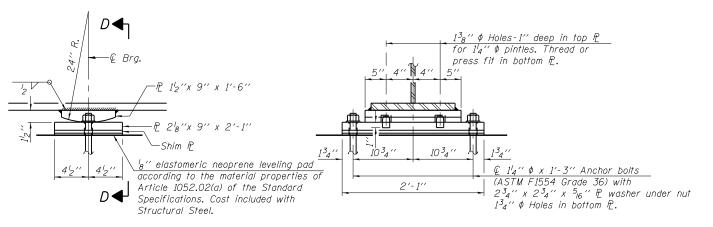
BEARING ASSEMBLY

Shim plates shall not be placed under Bearing Assembly.



SIDE RETAINER

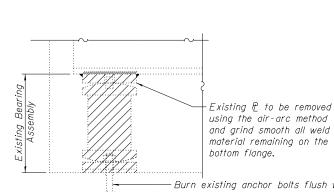
Equivalent rolled angle with stiffeners will be allowed in lieu of welded plates.



ELEVATION AT PIER

SECTION D-D

PINTLE



FIXED BEARING

(Beams 10 thru 12)

(3 Required)

using the air-arc method and grind smooth all weld material remaining on the bottom flange.

Burn existing anchor bolts flush with existing concrete surface. Grind existing anchor bolt smooth and seal with epoxy.

EXISTING BEARING REMOVAL DETAIL

Cost included with Jack and Remove Existing Bearings (18 Required)

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 18 in. adjusting shims shall be provided for each bearing in addition to all other plates or shims and placed

as shown on bearing details. Anchor bolts, side retainers, steel extensions, and other steel members required for the elastomeric bearing assemblies shall be not dip galvanized according to Article 520.03 of the Standard Specifications.

Existing top bearing plate at abutments welded to the existing beam must be removed. Contractor must exercise caution as to not damage the bottom flange.

BILL OF MATERIAL

Unit	Total
Each	24
Each	48
Each	6
Each	18
	Each Each Each

FILE NAME =	USER NAME = baswanson	DESIGNED - BAS	REVISED		BEARING DETAILS	RTE.	SECTION	COUNTY	SHEETS NO.
0720146-68683-025-Bearing.dgn		CHECKED - JAE	REVISED	STATE OF ILLINOIS	STRUCTURE NO. 072-0146	318	(72-7HB)BY	PEORIA	487 312
MAURER-STUT	PLOT SCALE =	DRAWN - BAS	REVISED	DEPARTMENT OF TRANSPORTATION	31NUCTURE 180. 0/2-0140			CONTRAC	T NO. 68683
ENGINEERS SURVEYORS	PLOT DATE = 1/24/2014	CHECKED - RAL	REVISED		SHEET NO. 25 OF 36 SHEETS	ILLINOIS FED. AID PROJECT			