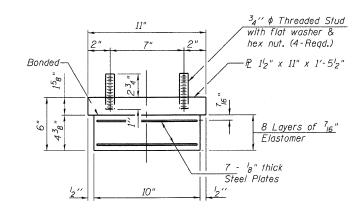


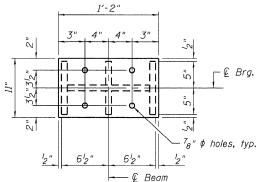
EXISTING BEARING ASSEMBLY REMOVAL DETAIL

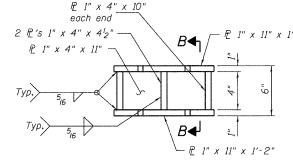
TYPE I ELASTOMERIC EXP. BRG.

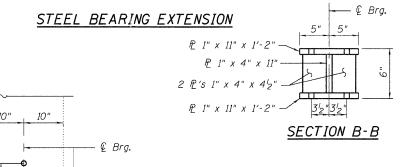


BEARING ASSEMBLY

Shim plates shall not be placed under Bearing Assembly.







JACK AND REMOVE EXISTING BEARINGS PROCEDURE

- 1. The Contractor shall submit for approval by the Engineer plans for jacking and removal prior to commencing any work at the bearings.
- 2. Jacking and removing existing bearings shall be done after existing deck removal is completed and prior to pouring of new deck.
- 3. The Maximum Dead Load Reaction with deck removed (per bearing) at each abutment is 2 kips. Minimum jack capacity is 3 kips.
- 4. The new bearings shall be in place and the jacks shall be lowered prior to forming and pouring the new deck.

Notes:

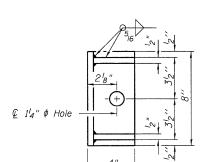
Anchor bolts shall be ASTM F1554 all-thread (or an Engineer-approved alternate material) of the grade(s) and diameter(s) specified.

The corresponding specified grade of AASHTO M314 anchor bolts may be used in lieu of ASTM F1554.

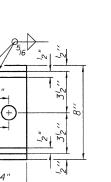
Drilled and set anchor bolts shall be installed according to Article 521.06 of the Standard Specifications.

Side retainers and other steel members required for the elastomeric bearing assembly, except Steel Bearing Extension and Shim Plates, shall be included in the cost of Elastomeric Bearing Assembly, Type I. Steel Bearing Extensions and Shim Plates are included in the quantity for "Furnishing and Erecting Structural Steel".

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



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

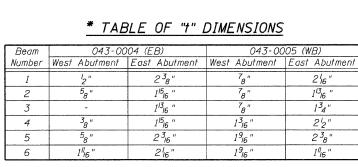


ANCHOR BOLT LOCATION PLAN

3-

–Exist. Anchor Bolt typ.

-Prop. Anchor Bolt typ.



* The fill P thickness shown above are based on field survey data. The contractor shall field verify and make necessary approved adjustments prior to ordering Plates. Cost included with "Furnishing and Erecting Structural Steel".

BILL OF MATERIAL

Item	Unit	Total
Elastomeric Bearing Assembly, Type I	Each	24
Anchor Bolts, 1"	Each	48
Jack and Remove Existing Bearings	Each	24
Furnishing and Erecting Structural Steel	Pound	5,440

USER	NAME	=	dheberling	DESIGNED	-	מאם	KEVISED	-
FILE	NAME	=	0430004&5-64C94.dc	-CHECKED	-	SDS	REVISED	-
PLOT	DATE	=	12/6/2011	DRAWN	-	DLH	REVISED	-
PLOT	TIME	=	10:07:31 AM	CHECKED	-	BRD/SDS	REVISED	-

WHKS & CO. ENGINEERING

7018 KINGSMILL CT., SPRINGFIELD, IL (217) 483-9457 DESIGN FIRM #184001036

€ Exist. beam

Bk. of Abut.

STATE OF ILLINOIS **DEPARTMENT OF TRANSPORTATION**

BEARING DETAILS STRUCTURE NO. 043-0004 & 043-0005 SHEET NO. 20 OF 27 SHEETS

 F.A.P. SECTION						COUNTY	TOTAL	SHEET NO.
301	(43B,	44B,	44HB,	45B)	D	JO DAVIESS	309	133
						CONTRACT	NO. 6	4C94
			ILLINO	IS FEE). AI	D PROJECT		