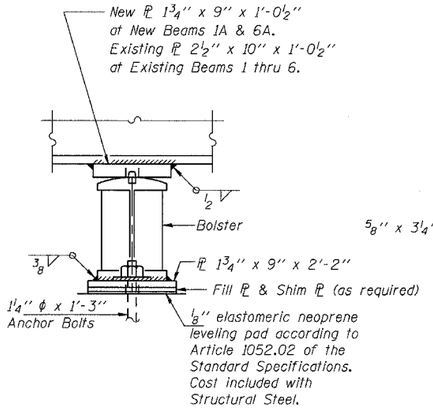
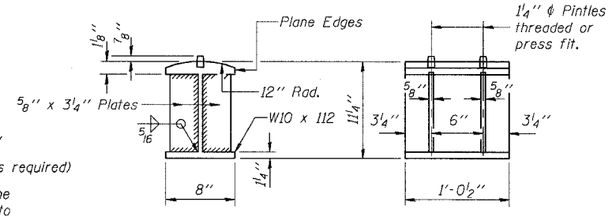
ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
F.A.P. 821	(15-2)BR	JEFFERSON	33	24
FED. ROAD DIST. NO. 7	ILLINOIS	PROJECT		

Sheet 12 of 19 CONTRACT #98958



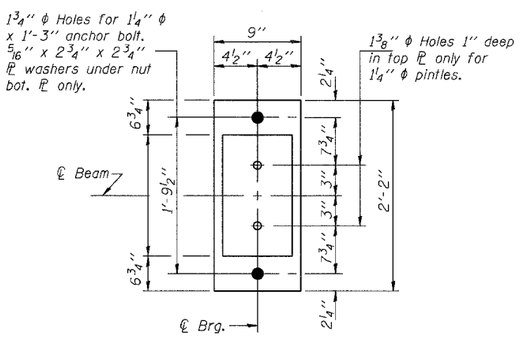
ELEVATION AT PIER 1



DETAIL OF BOLSTER

FIXED BEARING AT PIER 1

(8 Required at Existing & New Beams)

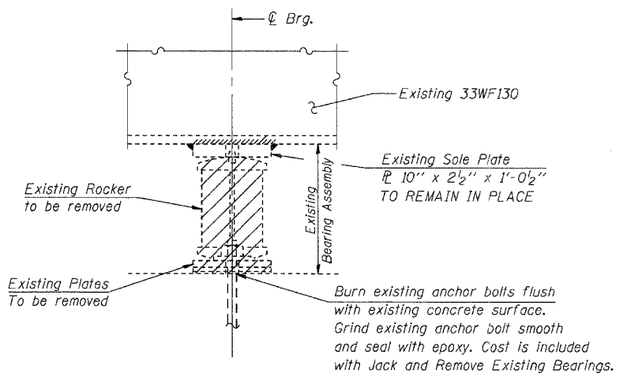


PLAN AT PIER 1

FILL ℄'s AT BOTH PIERS

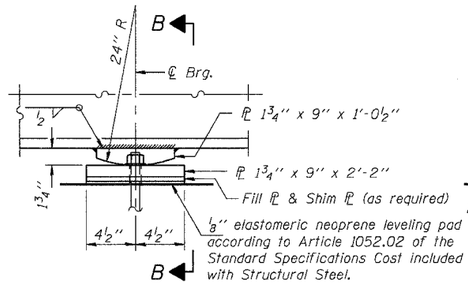
	Beam 1A	Beams 1 thru 6	Beam 6A
Thickness	——	——	1¾"

Dimension same as bottom bearing plate.



EXISTING BEARING REMOVAL AT PIER 1

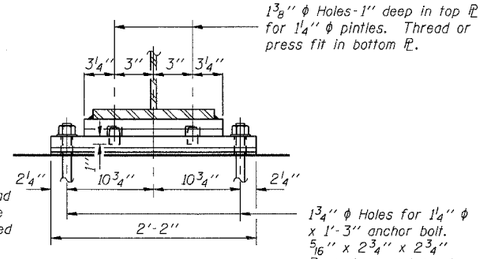
℄ Reaction @ Pier 1 = 10 kips (Wt. of steel only)
Min. Jack Capacity @ Abuts. = 8 tons



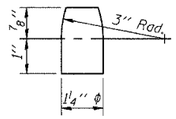
ELEVATION AT PIER 2

FIXED BEARING AT PIER 2

(2 Required at New Beams 1A & 6A)



SECTION B-B



DETAIL OF PINTLE

BILL OF MATERIAL

Item	Unit	Total
Jack and Remove Existing Bearings	Each	6

Notes: Diaphragm removal and replacement may be required to facilitate drilling holes. Cost shall be included with Furnishing and Erecting Structural Steel.

Cost of bearing ℄'s, bolsters, shim ℄'s, fill ℄'s, pintles and anchor bolts are included with Furnishing and Erecting Structural Steel.

See sheet 18 of 19 for Anchor Bolt installation.

Prior to ordering any material, the Contractor shall verify in the field all bearing height and shim thickness dimensions.

DESIGNED	Ruben V. Boehler
CHECKED	Tim S. Howard
DRAWN	TSH / RVB
CHECKED	Michael D. Cummins

BEARING DETAILS PIERS

IL ROUTE 15 OVER SEVEN MILE CREEK
F.A.P. ROUTE 821 SECTION (15-2)BR
JEFFERSON COUNTY
STA. 129+81.00
S.N. 041-0027

CUMMINS ENGINEERING CORPORATION

JOB #: 2175
FILE: 2175brg
DATE: 4/10/06