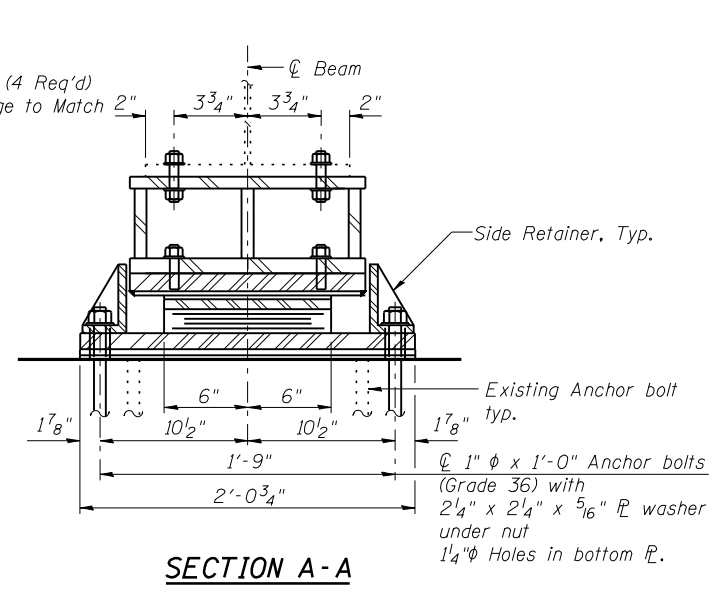
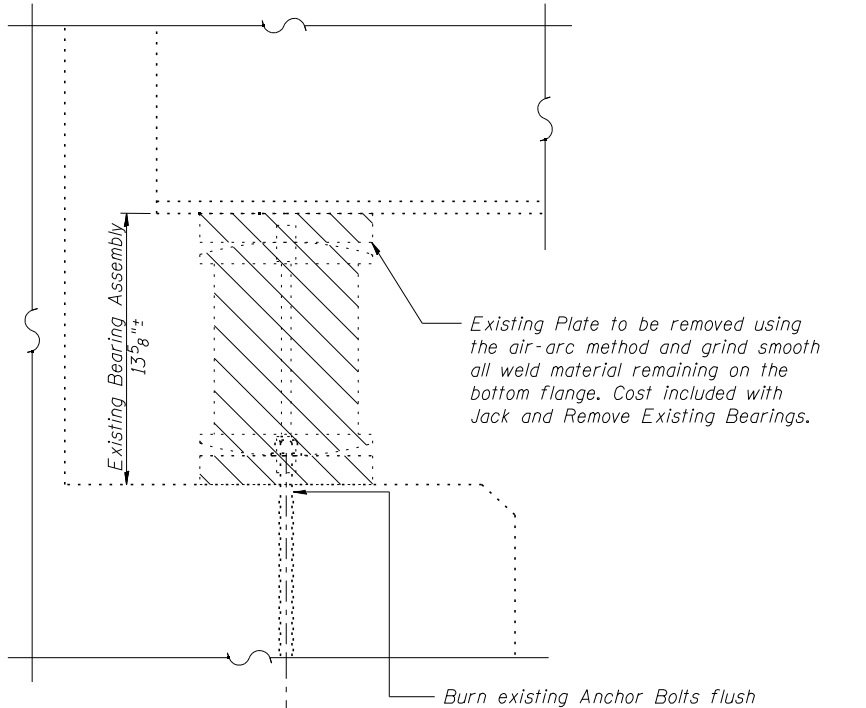


ELEVATION AT ABUTS.



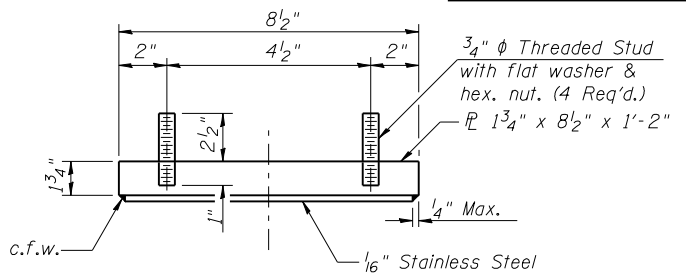
SECTION A-A

Notes:
 Hatch area indicates Bearing removal. See Special Provision for Jack and Remove Existing Bearings.
 Anchor bolts shall be ASTM F1554 all-thread (or an Engineer-approved alternate material) of the grade(s) and diameter(s) specified. ASTM A307 Grade C anchor bolts may be used in lieu of ASTM F1554 Grade 36 (Fy=36ksi). The corresponding specified grade of AASHTO M314 anchor bolts may be used in lieu of ASTM F1554.
 Anchor bolts for Type II bearings shall be placed in holes drilled in the concrete through holes in the bottom bearing plate after members are in place. Side retainers shall be placed after bolts are installed.
 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 bearing assembly shall be included in the cost of Elastomeric Bearing Assembly, Type II.
 Steel extensions and fasteners shall be included in the cost of Furnishing and Erecting Structural Steel.
 The 1/8" PTFE sheet shall be bonded directly to the top steel plate with a two-component, medium viscosity epoxy resin, conforming to the requirements of the Federal Specification MMM-A-134, Type I. The bond agent shall be applied on the full area of the contact surfaces.
 Bonding of 1/8" PTFE sheet during vulcanizing process will be permitted provided the process and method of adjusting assembly height is approved by the Engineer.
 Fasteners shall be AASHTO M164 Type 1, mechanically galvanized bolts.
 The Contractor is to verify the existing dimensions prior to fabricating the steel extensions. It is intended to keep the existing beams at their current elevation. Existing bearing dimensions shown are copied from original plans.
 Two 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.
 The bearings shall be in place and jacks lowered before the new concrete deck is poured.

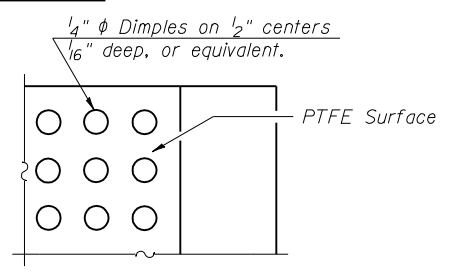


EXISTING BEARING REMOVAL DETAIL

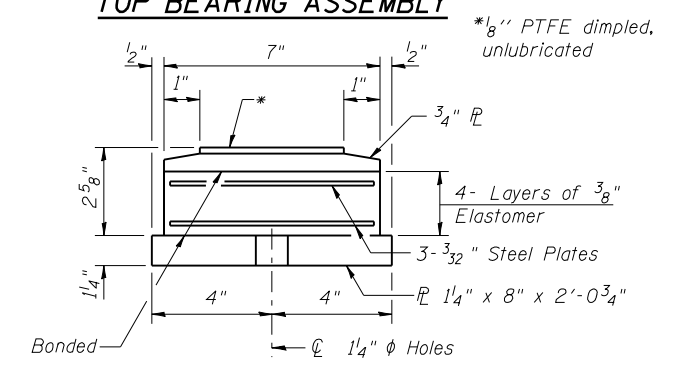
TYPE II ELASTOMERIC EXP. BRG.



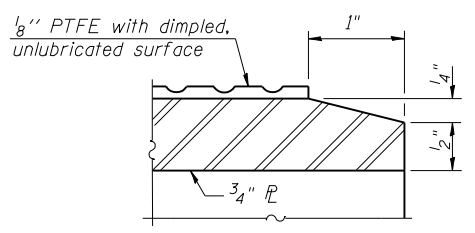
TOP BEARING ASSEMBLY



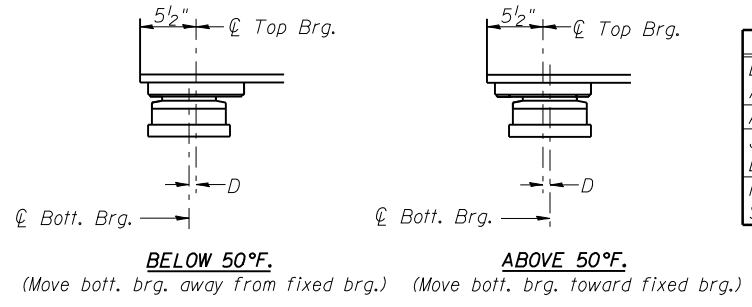
PLAN-PTFE SURFACE



BOTTOM BEARING ASSEMBLY



SECTION THRU PTFE



SETTING ANCHOR BOLTS AT EXP. BRG.

D=1/8" per each 100' of expansion for every 15° temp. change from the normal temp. of 50°F.

BILL OF MATERIAL

Item	Unit	Total
Elastomeric Bearing Assembly Type II	Each	30
Anchor Bolts, 1"	Each	60
Jack and Remove Existing Bearings	Each	30
Furnishing & Erecting Structural Steel	Pound	3822

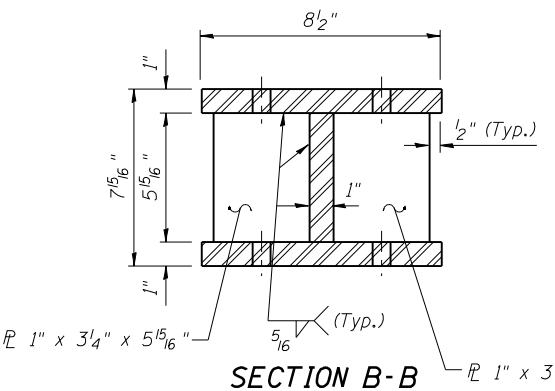
EXISTING SHIM P TABLE

Beam No.	W. Abut.	E. Abut.
5	3/8" x 9" x 1'-8"	3/8" x 9" x 1'-8"
6	1" x 9" x 1'-8"	1/8" x 9" x 1'-8"
7	1" x 9" x 1'-8"	1/8" x 9" x 1'-8"
8	1/4" x 9" x 1'-8"	1/4" x 9" x 1'-8"
11	1/2" x 9" x 1'-8"	-
12	1/8" x 9" x 1'-8"	1/4" x 9" x 1'-8"
13	1/8" x 9" x 1'-8"	-

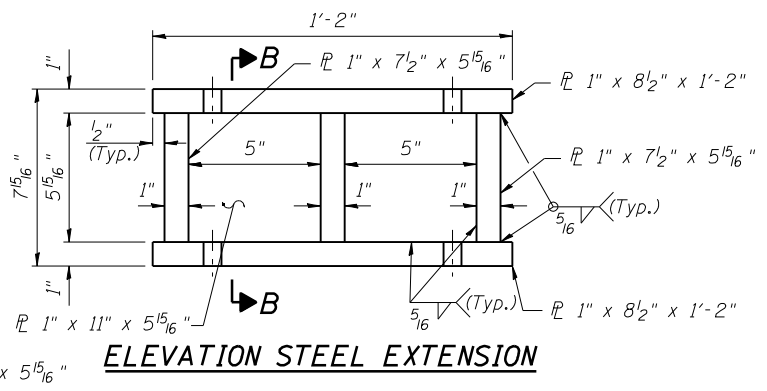
BEAM REACTION TABLE

(Governing Beam)

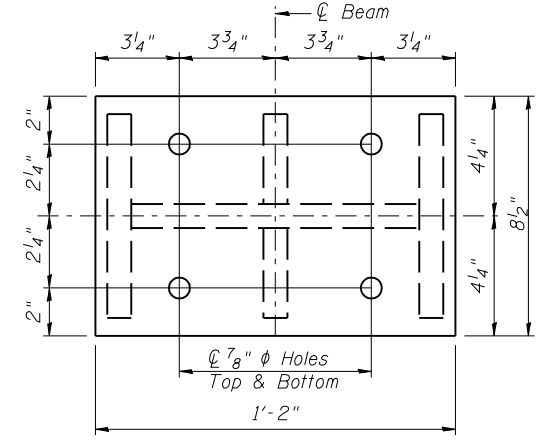
	045-0035		045-0036	
	W. Abut.	E. Abut.	W. Abut.	E. Abut.
Dead Load (k)	14.1	15.6	13.4	13.7
Live Load (k)	40.5	45.4	40.5	40.9
Impact (k)	12.2	13.6	12.2	12.3
Total (k)	66.8	74.6	66.1	66.9
Min. Jack Capacity (Tons)	31	34	30	31



SECTION B-B



ELEVATION STEEL EXTENSION



PLAN STEEL EXTENSION

