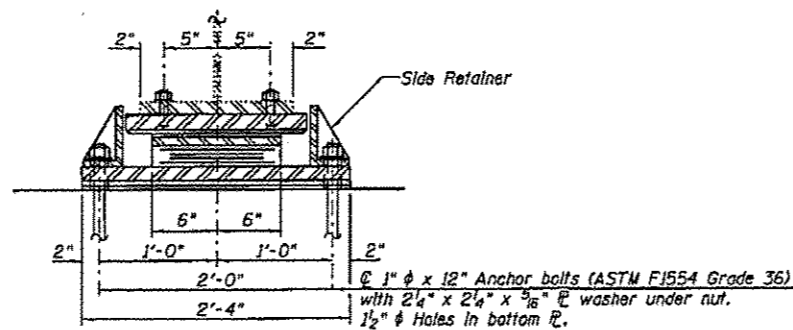


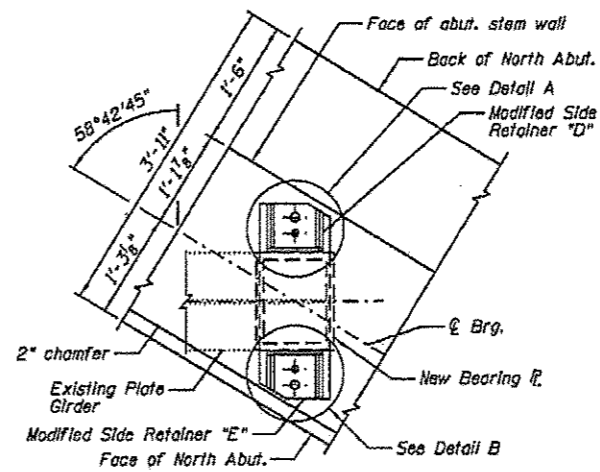
1/4" elastomeric neoprene leveling pad according to the material properties of Article 1052.02(a) of the Standard Specifications. Cast included with Elastomeric Bearing Assembly Type II.

ELEVATION AT NORTH ABUT.

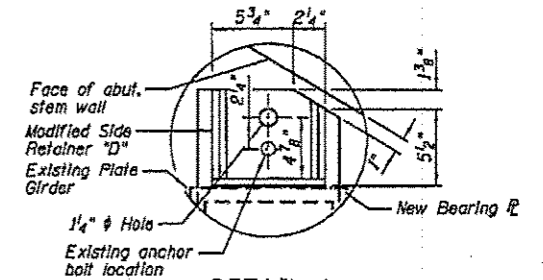
TYPE II ELASTOMERIC EXP. BRG.
(At North Abutment - 4 Required)



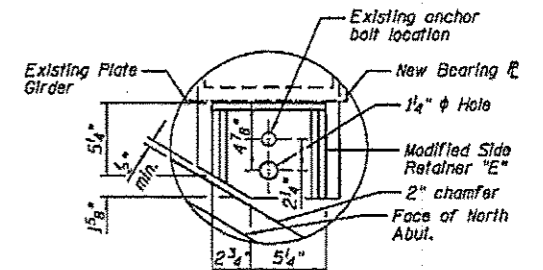
SECTION A-A



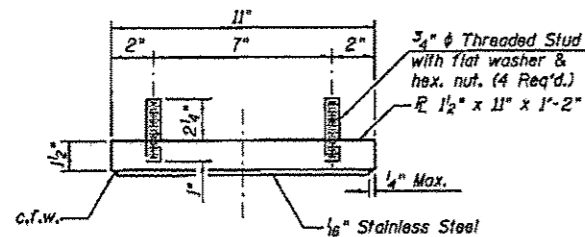
BEARING PLAN AT NORTH ABUTMENT



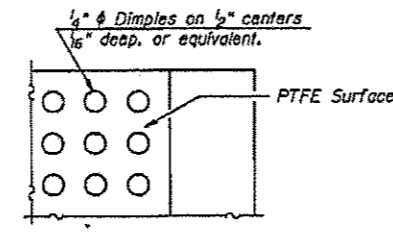
DETAIL A



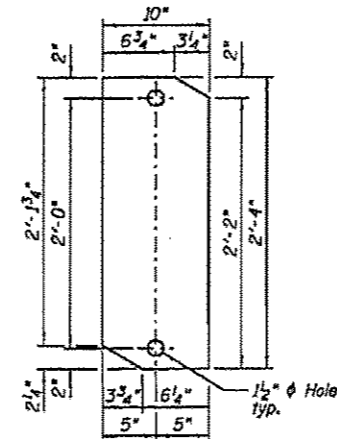
DETAIL B



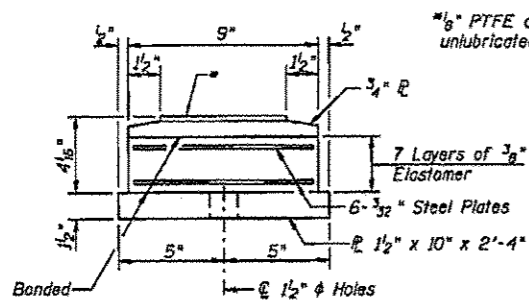
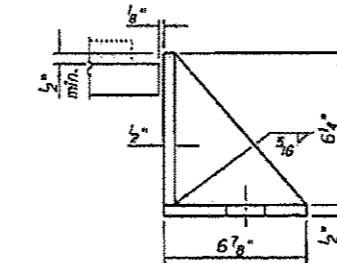
TOP BEARING ASSEMBLY



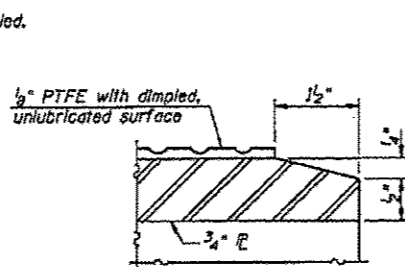
PLAN-PTFE SURFACE



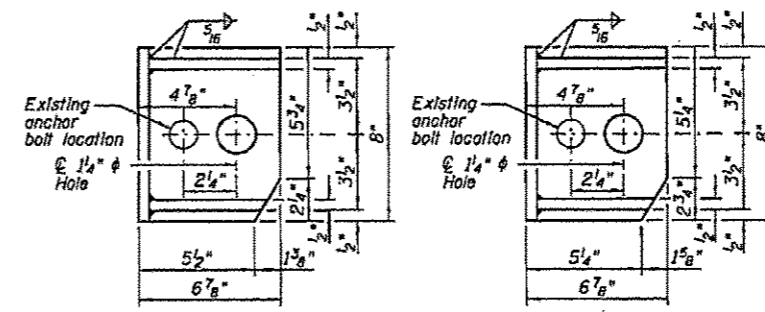
BOTTOM PLATE PLAN



BOTTOM BEARING ASSEMBLY



SECTION THRU PTFE



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

Notes:
Anchor bolts shall be ASTM F1554 all-thread for 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.
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 MM-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.

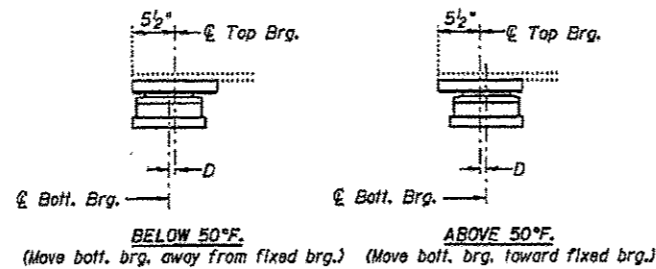
BILL OF MATERIAL

Item	Unit	Total
Erecting Elastomeric Bearing Assembly, Type II	Each	4
Anchor Bolts, 1"	Each	8

TABLE "A"

Girder No.	Shim Thickness
2	3/8"
3	1/2"

EXISTING GIRDER TYPE II BEARING DETAILS
STRUCTURE NO.084-0028



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.

NOTE:

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.

FOR INFORMATION ONLY

FILE NAME	USER NAME	DESIGNED	REVISED	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	BEARING DETAILS			F.A.I. RYE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.		
en\documents and settings\mcdonalds\1\dektop\plans\ess.dgn	mcdonalds	-	-	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SCALE:	SHEET	OF SHEETS	STA.	TO STA.	55	D6 PAINTING 2013	SANGAMON	26	15
		DATE	REVISED										CONTRACT NO. 72FB5	
													ILLINOIS FED. AID PROJECT	

I-2E-2

10-1-08