

Girder	Exist. Brg. Assembly Height (survey)*	H**
A	21"	734"
В	21 ³ 8"	734"
С	20 ⁵ 8"	7 ¹ 8"
D	20 ⁷ 8"	734"
E	20 ³ 8 "	7′ ₈ ″

* Distances to be verified in the field prior to ordering any material,

** Adjust "H" accordingly if verified exist. bearing assembly height differs from the height in the table.

NOTES:

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 (Fv=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 's" 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.

Two $I_{\mathcal{B}}$ in. adjusting shims shall be provided for each bearing in addition to all other plates or shims and placed as shown on bearing details.

Prior to ordering any material the Contractor shall verify in the field all bearing height and shim thickness dimensions. Weight of steel extensions include in the cost of Furnishing and Erecting Structural Steel,

BILL OF MATERIAL

Item	Unit	Total	
Elastomeric Bearing Assembly Type II	Each	5	
Jack and Remove Existing Bearings	Each	5	
Anchor Bolts 14" Ø	Each	20	
Furnishing and Erecting Structural Steel	Pound	1,820	

NORTH ABUTMENT BEARINGS S.N. 016-0540

S-16	F.A.U. RTE.	• SECTION					COUNTY	TOTAL SHEETS	SHEET NO.
	2697	97 142 B-1-I			СООК	48	30		
S						CONTRACT	NO. 6	0D89	
	FED. R	OAD	DIST.	NO.	ILLINOIS	FED. A	ID PROJECT		