

AQUTE NO.	SECTION	COUN	itv	TOTAL SHEETS	SHEET NO.	
F.A.I. 94	2006-043 RS	соок		135	130a	^
FED. ROAD DIST. NO. 7		ILLINDIS	FED. AID PROJECT-			

Contract # 6274

558 VIF Existing plate to be removed using the air-arc method and grind smooth all weld material remaining on the bottom flange.

Burn existing anchor bolts flush with existing concrete surface. Grind existing anchor bolt smooth and seal with epoxy. Cost is included with "Jack and Remove Existing Bearings".

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 (Fy=36ksi). The corresponding specified grade of AASHTO M314 anchor bolts may be used In lieu of ASTM F1554.

Anchor bolts at fixed bearings may be either cast in place or installed in holes drilled after the supported member is in place.

Anchor bolts for Type II bearings shall be placed in holes drilled through 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" TFE 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 ¹⁸" TFE 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
Jack and Remove Existing Bearings	Each	1
Elastomeric Bearing Assembly Type II	Each	1
Anchor Bolt, 1"	Each	2

BEARING REPLACEMENT DETAILS F.A.I. 94/ (EDENS EXPRESSWAY) OVER CICERO AVE. COOK COUNTY STATION 29+14.49 STRUCTURE NO. 016-0108

Added Sht. 07/13/2007

- 🧯 W. Fascia Beam