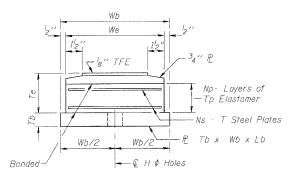


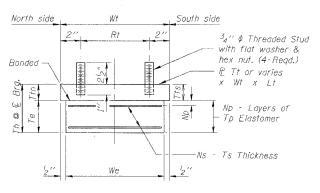
TOP BEARING ASSEMBLY FOR TYPE II BEARINGS



BOTTOM BEARING ASSEMBLY

NG ENGINEERS Chicago, Illinois 312.228.0100

BOWMAN, BARRETT & ASSOCIATES INC.
CONSULTING ENGINEERS



BEARING ASSEMBLY

Note: Shim plates shall not be placed under Bearing Assembly.

F.A.I. SECTION COUNTY TOTAL SHEETS NO.
94/90 2005-086 I COOK 228 33

STA. TO STA.
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT

6 OBO 7

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 for side retainers may be cast in place or installed in holes drilled before or after members are in place for Type $\it I$ bearings.

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 sel anchor bolts shall be installed according to Article 521.06 of the Standard Specifications.

Field drills in bottom flanges, side retainers and other steel members (except steel extensions) required for the bearing assembly shall be included in the cost of Elastomeric Bearing Assembly, Type I or Type II.

The '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 "g" TFE sheet during vulcanizing process will be permitted provided the process and method of adjusting assembly height is approved by the Engineer.

NAME DATE ILLINGIS DEPARTMENT OF TRANSPORTATION F.A.I. 94/90 (DAN RYAN EXPRESSWAY) DAN RYAN ELEVATED BRIDGE
DAN RYAN ELEVATED BRIDGE
BEARING REPLACEMENT & STEEL REPAIR
ELASTOMERIC BEARING DETAILS
SCALE: NTS DRAWN BY: MTR
DATE: 3/7/2008 CHECKED BY: BLU