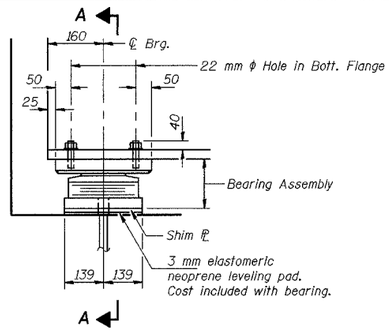
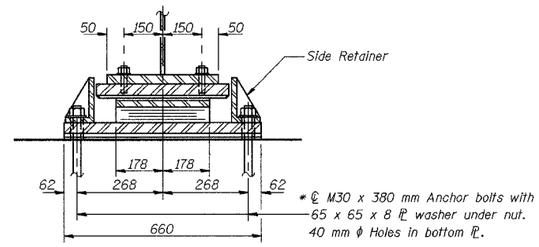
ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
F.A.I. 80/94	2626.2-R-2	LAKE COUNTY, INDIANA	452	275
		ILLINOIS FED. AID PROJECT-		

SHEET NO. S-43
72 SHEETS

CONTRACT NO. 62113 INDOT DES. NO. 0100987

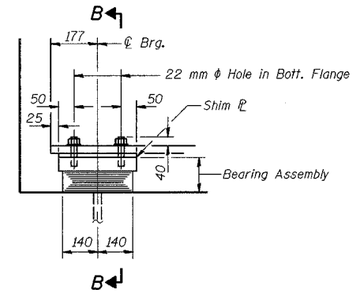


ELEVATION AT ABUT.

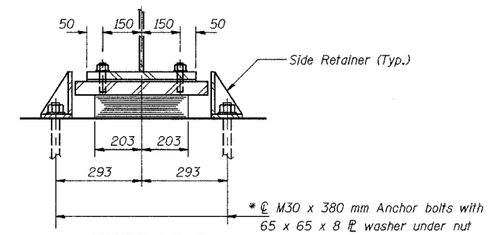


SECTION A-A

TYPE II ELASTOMERIC EXP. BRG. AT WEST ABUTMENT

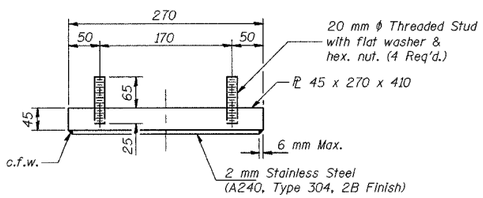


ELEVATION AT ABUT.

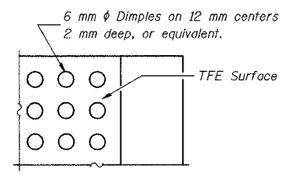


SECTION B-B

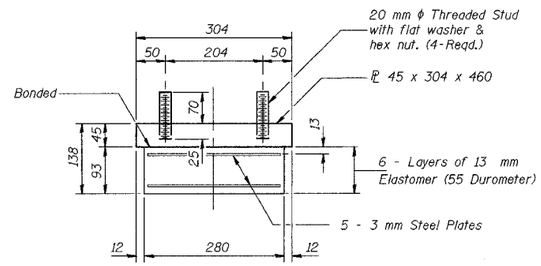
TYPE I ELASTOMERIC WEST EXP. BRG. AT PIER 3 GIRDERS 1-14



TOP BEARING ASSEMBLY



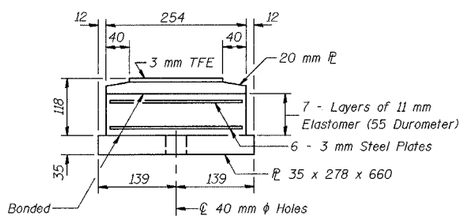
PLAN-TFE SURFACE



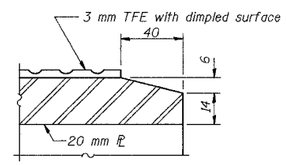
BEARING ASSEMBLY

Notes: See Sheet S-47 for Anchor Bolt installation. All dimensions are in millimeters (mm) except as noted.

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



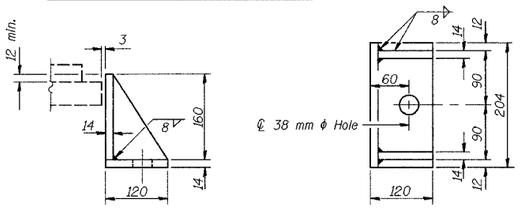
BOTTOM BEARING ASSEMBLY



SECTION THRU TFE

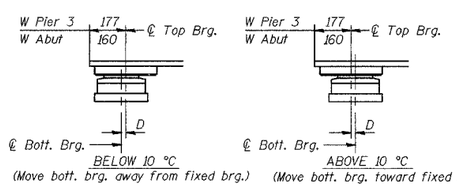
Note: The 3 mm TFE sheet shall be bonded directly to the top steel plate with a two-component, medium viscosity epoxy resin, conforming to the requirements of the Federal Specification MMM-A-134, Type I. The bond agent shall be applied on the full area of the contact surfaces.

Bonding of 3 mm TFE sheet during vulcanizing process will be permitted provided the process and method of adjusting assembly height is approved by the Engineer.



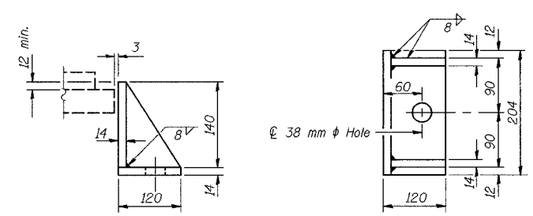
SIDE RETAINER

Equivalent rolled angle with stiffeners will be allowed in lieu of welded plates. Mass included with Structural Steel.



SETTING ANCHOR BOLTS AT EXP. BRG.

D= 1 mm per each 10 m of expansion for every 8 °C temp. change from the normal temp. of 10 °C.



SIDE RETAINER

Equivalent rolled angle with stiffeners will be allowed in lieu of welded plates. Mass included with Structural Steel.

BILL OF MATERIAL

	Item	Unit	Total
*	Furnishing Elastomeric Bearing Assembly, Type I	Each	14
*	Furnishing Elastomeric Bearing Assembly, Type II	Each	28

DESIGNED	BHS
CHECKED	KFA
DRAWN	MJB
CHECKED	GSP

*** FURNISHING BEARINGS AND ANCHOR BOLTS FOR BEARINGS ERECTED IN PHASE 3 ARE NOT INCLUDED IN THIS CONTRACT**

ILLINOIS DEPARTMENT OF TRANSPORTATION
F.A.I. ROUTE 80/94 (BORMAN EXPRESSWAY)
OVER LITTLE CALUMET RIVER & N.I.C.T.D. R.O.W.

BEARING DETAILS (2 OF 5)
SECTION 2626.2-R-1
LAKE COUNTY, INDIANA
STATION 8+470.000
STRUCTURE NO. I-80-1-8460 (EB & WB)
DATE 07/04 **(016-I003 & 016-I004)**

AMERICAN CONSULTING ENGINEERS