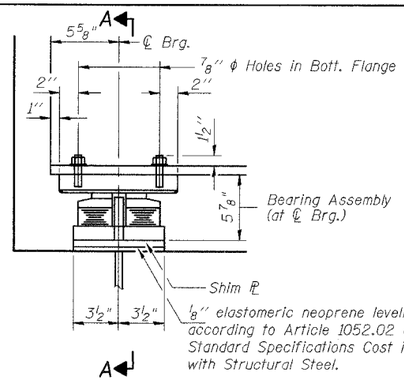
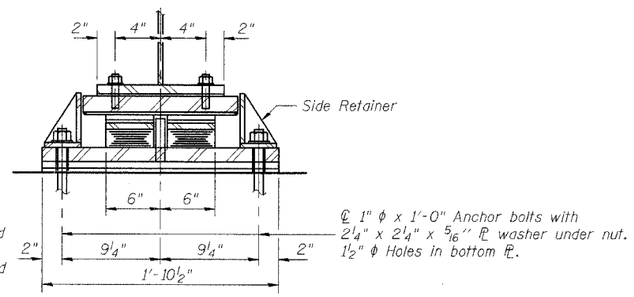
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	94-P4031-00	DUPAGE	54	30

CONTRACT NO. 83560

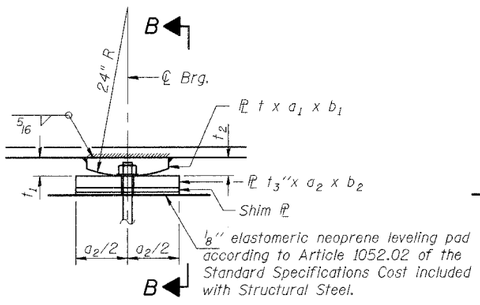


ELEVATION AT S. ABUT. AND PIER 4 S.

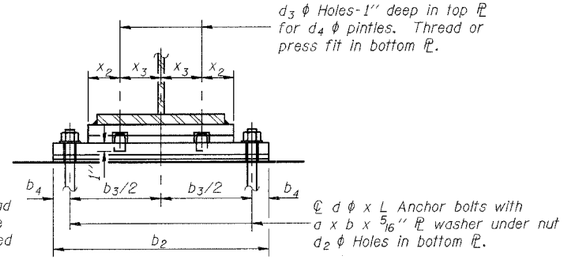


SECTION A-A

TYPE III ELASTOMERIC EXP. BRG.



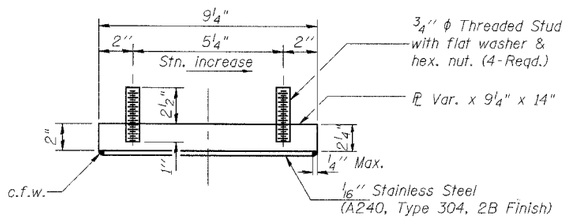
ELEVATION AT PIER



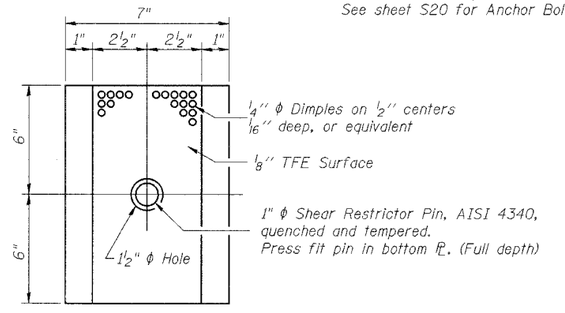
SECTION B-B

FIXED BEARING

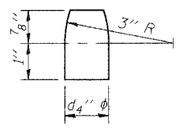
Notes: Anchor bolts at fixed bearings may be built into the masonry.
See sheet S20 for Anchor Bolt installation.



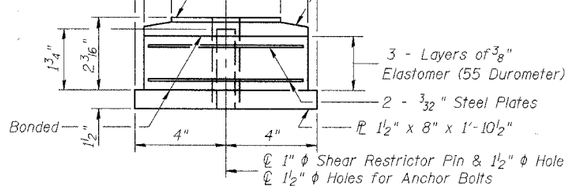
TOP BEARING ASSEMBLY



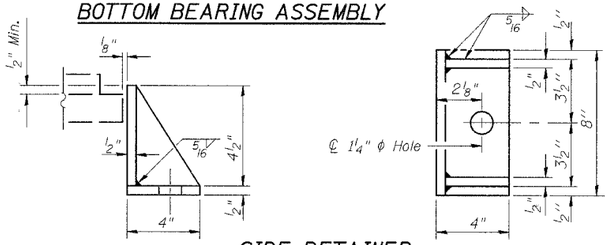
PLAN-TFE ELASTOMERIC BRG.



PINTLE

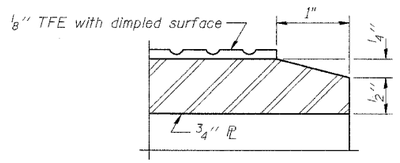


BOTTOM BEARING ASSEMBLY



SIDE RETAINER

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



SECTION THRU TFE

Note: 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 1/8" TFE sheet during vulcanizing process will be permitted provided the process and method of adjusting assembly height is approved by the Engineer.

NOTES:

1. All dimensions in tables are in inch units unless otherwise noted.
2. For details of Type I and Type II Bearings see sheet S16.
3. All bearings shall be blocked during construction.
4. For bearings Pier 4N and Pier 5S see Prefabricated Bridge Fabricator's plans.

FIXED BEARINGS TABLE OF DIMENSIONS

Location	No.	a1	b1	t1	t2	t	d2	b2	t3	b3	b4	d	l	a	b	d2	d3	d4	x2	x3
Pier 2	2	9	13	2	2 5/16	Varies	10	24	2	17	3 1/2	2	24	3 1/2	3 1/2	2 1/2	1 1/2	1 3/8	3 1/2	3
Pier 6	2	9	17	2 5/16	2	Varies	9	24 1/2	2	21	1 3/4	1 1/4	15	2 3/4	2 3/4	1 3/4	1 3/8	1 1/4	4 1/2	4
Pier 9	2	9	13	2 5/16	2	Varies	9	20 1/2	2	17	1 3/4	1 1/4	15	2 3/4	2 3/4	1 3/4	1 3/8	1 1/4	3 1/2	3

INDEX OF BRIDGE SHEETS
SHEET SI7 OF S29

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666 S. MAIN STREET
WHEATON, ILLINOIS 60187

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REVISIONS

NO.	DATE	DESCRIPTION	NO.	DATE	DESCRIPTION

BEARING DETAILS TYPE III & FIXED BEARINGS

PEDESTRIAN/BICYCLE PATH BRIDGE OVER UNION PACIFIC RAILROAD

FILE NAME: BEARINGS	DSGN. BY: MMH	JOB NO.: 551.007	FLD. BK./PG.: -----	SHEET NO.
DISC. NUMBER: 551007	DRN. BY: RDS	DATE: 04-26-04	SCALE: -----	30 of 54

07-29-03 I:\SDSKPROJ\551007\DGN\BEARINGS 1.DGN