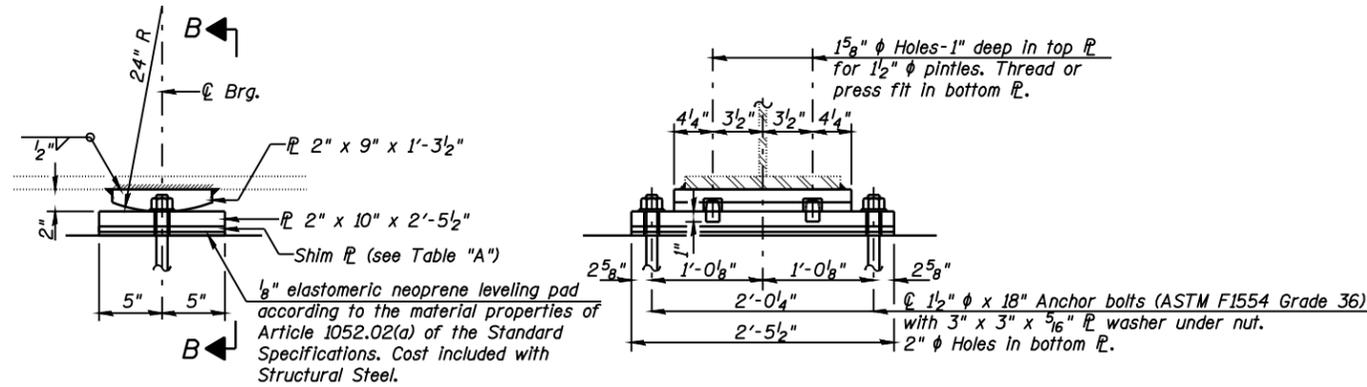


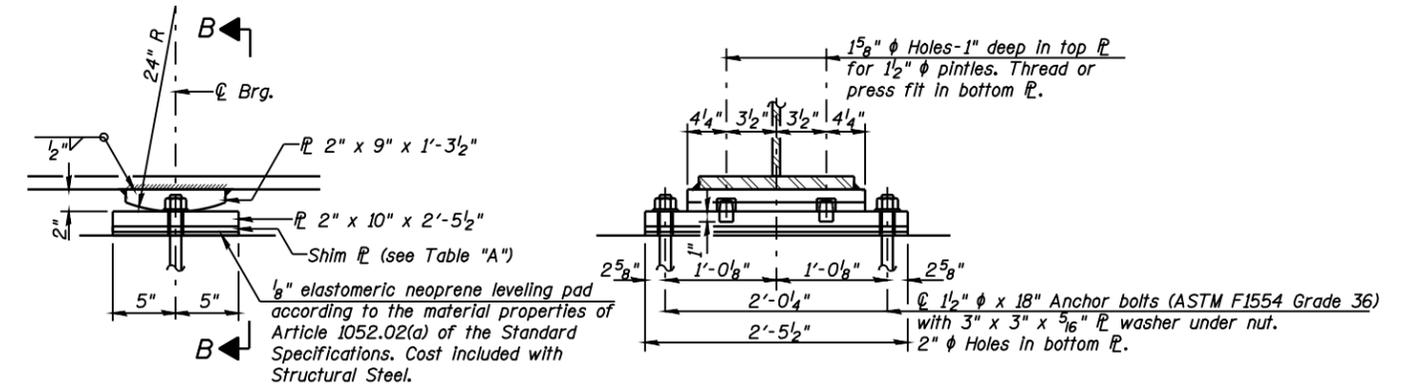
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION



ELEVATION AT PIER NO. 1

SECTION B-B

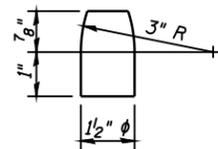
FIXED BEARING - EXISTING
(At Pier No. 1 - 4 Required)



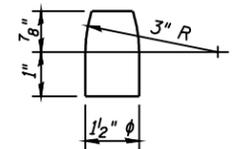
ELEVATION AT PIER NO. 1

SECTION B-B

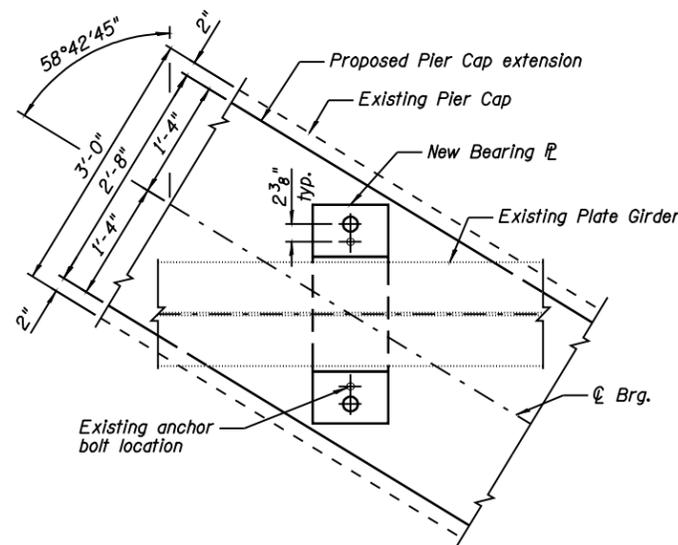
FIXED BEARING - PROPOSED
(At Pier No. 1 - 2 Required)



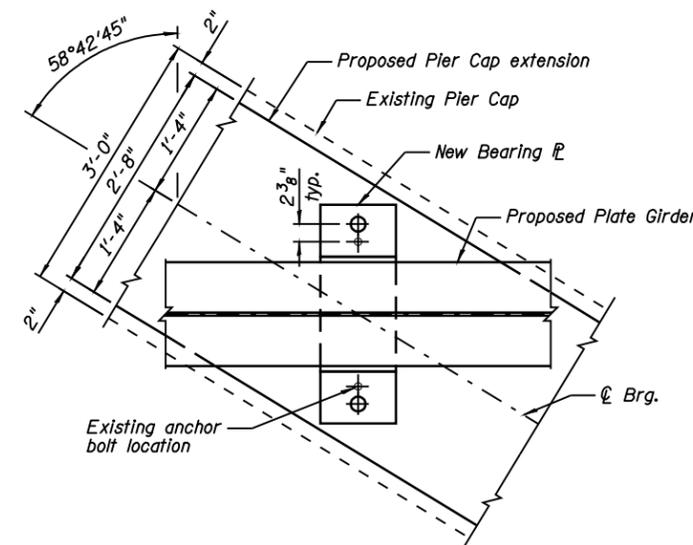
PINTLE



PINTLE



BEARING PLAN AT PIER NO. 1



BEARING PLAN AT PIER NO. 1

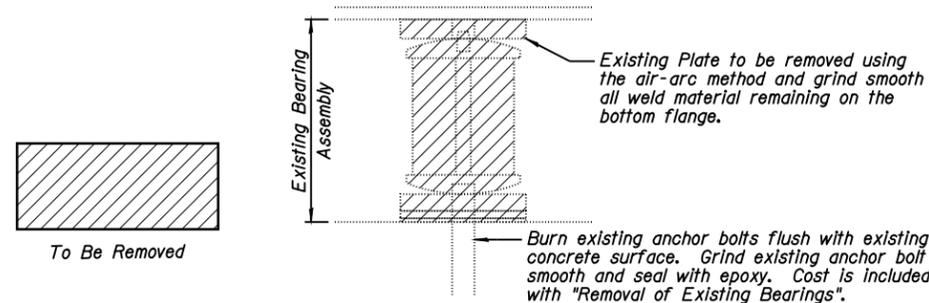
Notes:
Anchor bolts shall be ASTM F1554 all-thread (or an Engineer-approved alternate material) of the grade(s) and diameter(s) specified. ASTM A307 Grade C anchor bolts may be used in lieu of ASTM F1554 Grade 36 (Fy=36ksi). The corresponding specified grade of AASHTO M314 anchor bolts may be used in 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.
Drilled and set anchor bolts shall be installed according to Article 521.06 of the Standard Specifications.

BILL OF MATERIAL

Item	Unit	Total
Removal of Existing Bearings	Each	24
Anchor Bolts, 1 1/2"	Each	12

TABLE "A"

Girder No.	Shim Thickness
1	1/4"
3	1/2"



EXISTING BEARING REMOVAL DETAIL

NOTE:

Two 1/8 in. adjusting shims shall be provided for each bearing in addition to all other plates or shims and placed as shown on bearing details.

DESIGNED JML
CHECKED MSW
DRAWN DJM
CHECKED MGO/MSW

DATE 03/05/09

FARNSWORTH GROUP, INC.

CONSULTING ENGINEERS - 2709 MCGRAW DRIVE BLOOMINGTON, ILLINOIS 61704 (309) 663-8435 / (309) 663-1571 FAX

SHEET NO. B27 44 SHEETS	F.A.I. RTE. 55	SECTION (84-3HB-6)BR	COUNTY SANGAMON	TOTAL SHEETS 90	SHEET NO. 61
	SN 084-0028		CONTRACT NO. 72A64		
FED. ROAD DIST. NO. 6 ILLINOIS FED. AID PROJECT					

EXISTING/PROPOSED GIRDER
FIXED BEARING DETAILS
STRUCTURE NO. 084-0028