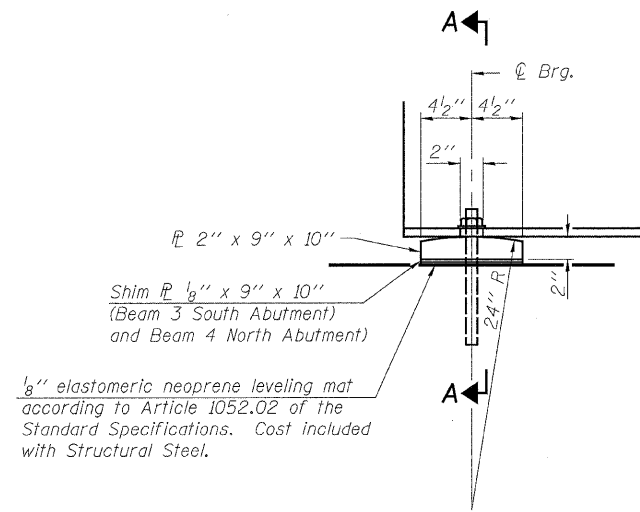


STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

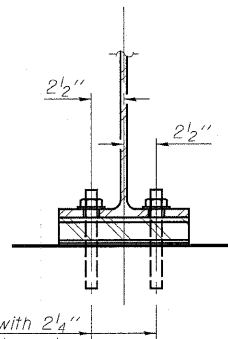
ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	SHEET NO. 16
F.A.P. 328	(8BR-2) B-1	WAYNE	140	38	25 SHEETS
FED. ROAD DIST. NO. 7	BALANCE	FED. AID PROJECT	Contract #74040		



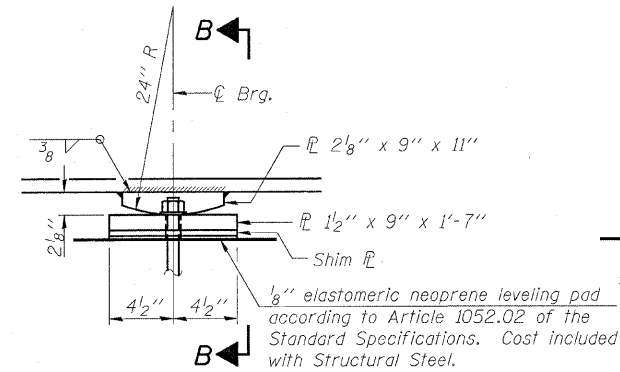
ELEVATION AT ABUTMENT

FIXED BEARING
12 required

1" ϕ x 12" anchor bolts with 2 1/4" x 2 1/4" x 5/16" ϕ washer under nut.
1 3/8" x 2" slotted hole in flange.
1 1/2" ϕ holes in bearing plate.
Contractor has the option of cast in place or drilled installation.

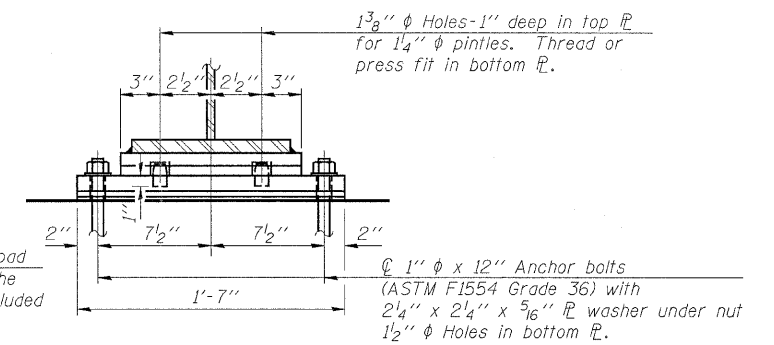


SECTION A-A

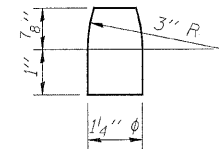


ELEVATION AT PIER

FIXED BEARING
12 required



SECTION B-B



PINTLE

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.
The plates of the fixed bearings shall be AASHTO M270 Grade 50.
The pintles of the fixed bearings shall be AASHTO M270 Grade 36.

DESIGNED	EML
CHECKED	KLH
DRAWN	KLH
CHECKED	EML

HORNER & SHIFRIN, INC.
ENGINEERS

BEARING DETAILS
F.A.P. ROUTE 328 - SECTION (8BR-2)B-1
WAYNE COUNTY
STATION 888+60.00
STRUCTURE NO. 096-0067