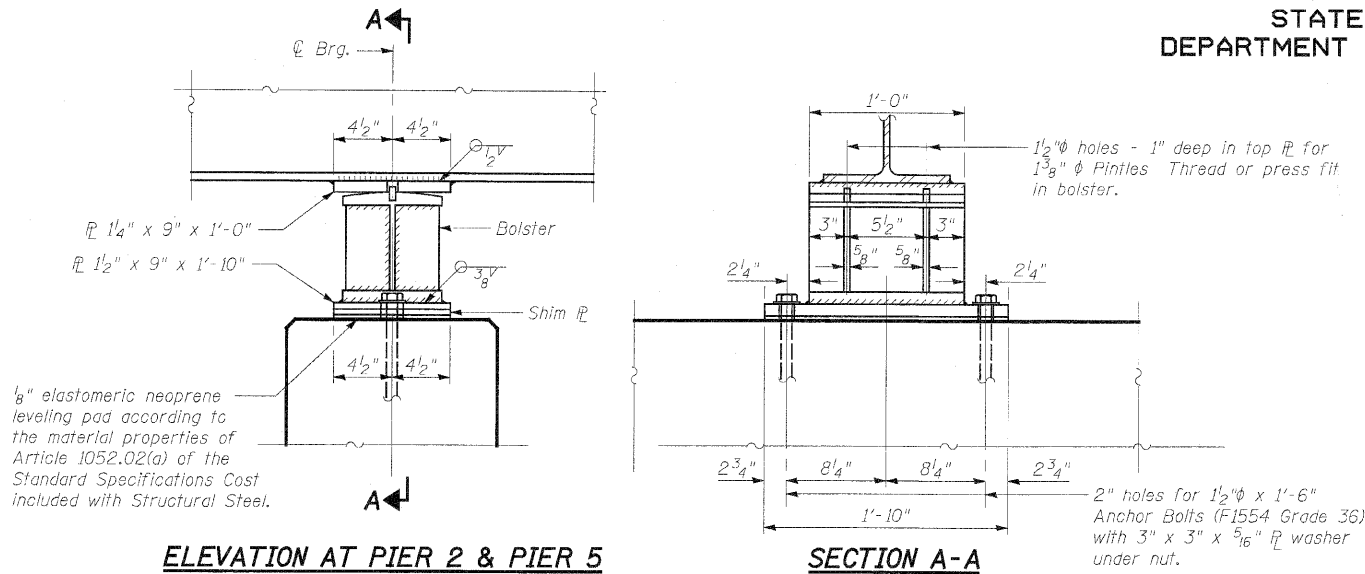


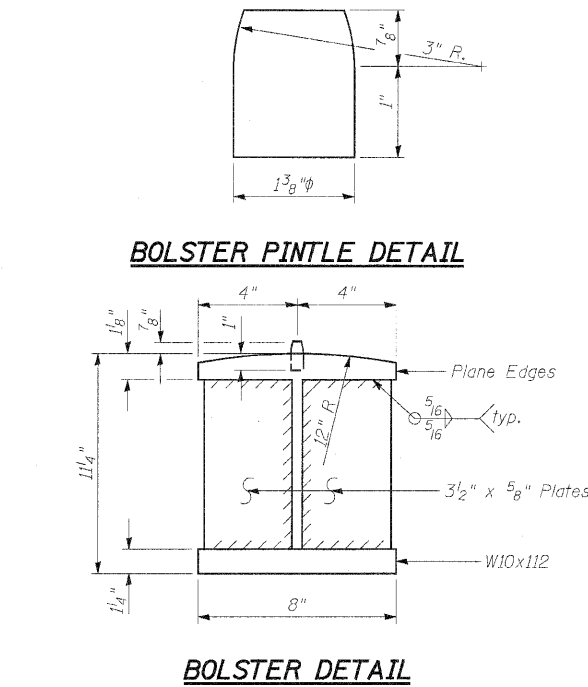
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION



ELEVATION AT PIER 2 & PIER 5

SECTION A-A

FIXED BEARING
(2 Required)

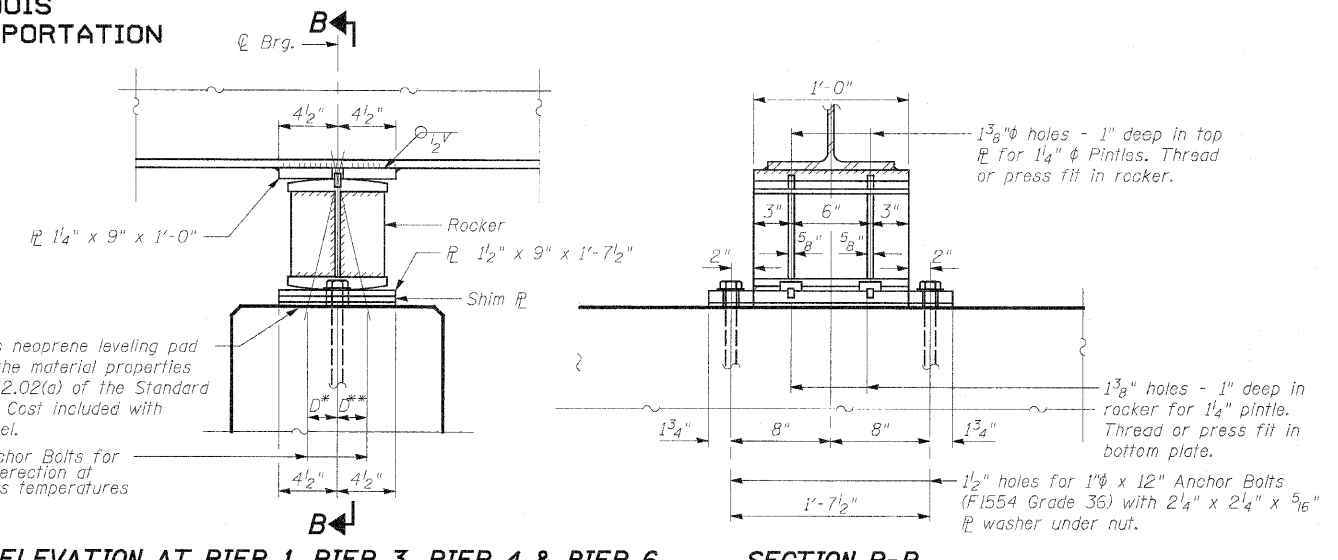


BOLSTER DETAIL

BOLSTER PINTLE DETAIL

Notes:
Anchor bolts shall be ASTM F1554 all-thread (or an Engineer-approved alternate material) of the grade and diameters 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 support member is in place.
Drilled and set anchor bolts shall be installed according to Article 521.06 of the Standard Specifications.
Two 1/8" adjusting shims shall be provided for each bearing in addition to all other plates or shims and placed as shown on bearing details.

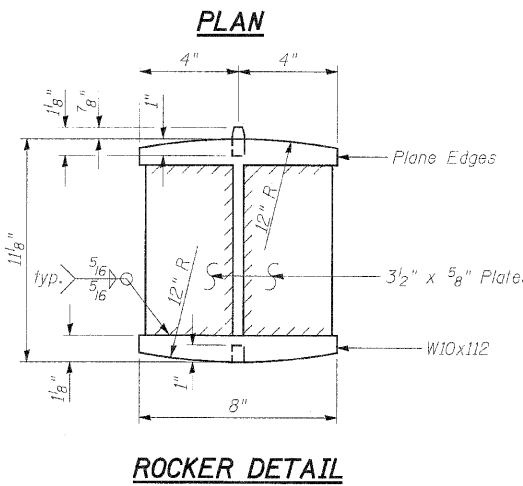
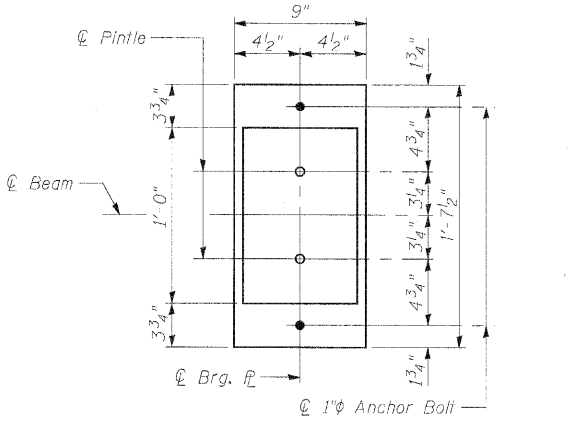
DESIGNED	SST
CHECKED	SPK
DRAWN	ASJ
CHECKED	SPK



ELEVATION AT PIER 1, PIER 3, PIER 4 & PIER 6

SECTION B-B

EXPANSION BEARING
(4 Required)

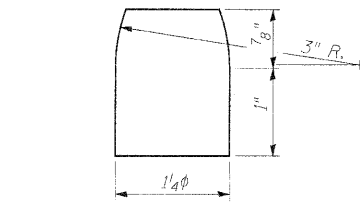


ROCKER DETAIL

PLAN

NOTES FOR SETTING OF ANCHOR BOLTS
AT EXPANSION BEARINGS

- a). D* (Side of brg. away from fixed brg.)
D* = 1/8" per each 100' of expansion for every 15° fall below the normal temp. of 50° F.
D** (Side of brg. toward fixed brg.)
D** = 1/8" per each 100' of expansion for every 15° rise above the normal temp. of 50° F.
b). After beams have been erected and dimensions D* & D** determined, holes shall be drilled and anchor bolts shall be installed.



ROCKER PINTLE DETAIL

BILL OF MATERIAL

ITEM	UNIT	QUANTITY
Anchor Bolts, 1"	Each	8
Anchor Bolts, 1 1/2"	Each	4

BEARING DETAILS - PIERS
STRUCTURE NO. 081-0024 (W.B.)
STRUCTURE NO. 081-0025 (E.B.)

INFRASTRUCTURE
ENGINEERING INCORPORATED
33 West Monroe | Suite 1540 | Chicago, IL 60603
P 312.425.9560 | F 312.425.9564 | www.infrastructure-eng.com

SHEET NO. 39	F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
77 SHEETS	280	81-1(VB-1)R	ROCK ISLAND	503	375
CONTRACT NO. 64815					
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT					