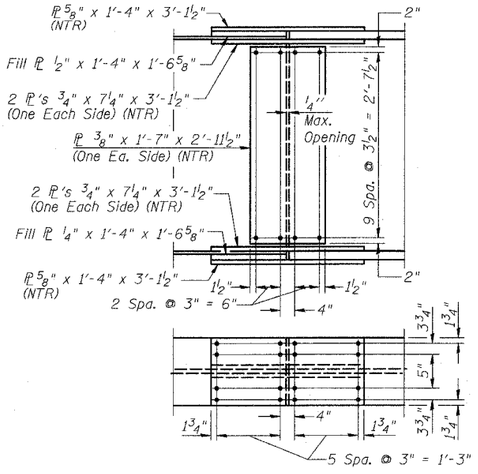
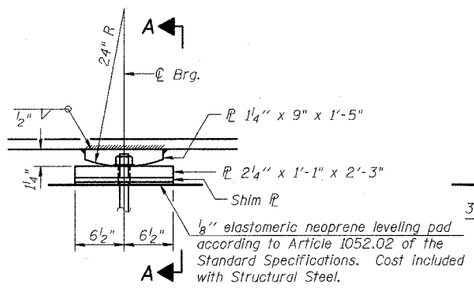
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
335	119R-2	LAKE	439	273
STA. 432+83.12		TO STA. 470+56.84		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

60B01

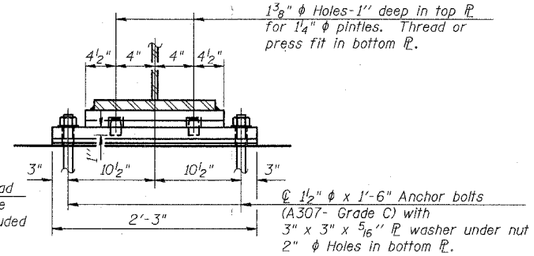


FIELD SPLICE DETAIL

(44 Required)

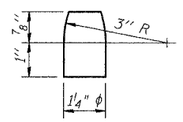


ELEVATION AT PIER



SECTION A-A

FIXED BEARING



PINTLE

NOTES FOR FIXED BEARINGS:

1. The structural steel plates of the bearing assembly shall conform to the requirements of AASHTO M270 Grade 50.
2. 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.
3. Bearing plates, side retainers, anchor bolts, nuts, washers, and pintles shall be galvanized according to AASHTO M111 or M232.
4. H.S. Bolts in bearing assembly shall be galvanized according to AASHTO M298 Class 50.
5. 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.
6. Anchor bolts at fixed bearings may be either cast in place or installed in holes drilled after the supported member is in place.
7. Drilled and set anchor bolts shall be installed according to Article 521.06 of the Standard Specifications.

BILL OF MATERIAL

Item	Unit	Total
Anchor Bolts 1 1/2" ϕ	Each	44

SHEET S-26 OF S-53

REVISIONS NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

FIELD SPLICE & BEARING DETAILS

ILLINOIS 60 OVER I-94

F.A.P. RTE. 335 SECTION 119R-2

LAKE COUNTY STA. 445+54.14

S.N. 049-2012 ISTHA BRIDGE NO. 407

DESIGNED BY: SP,PL

SCALE: DRAWN BY: SNB

DATE: MAY 8, 2007 CHECKED BY: PDF

TYLIN INTERNATIONAL

p:\60245811\60\structur\final\N1606BFRDTLS3.DGN

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