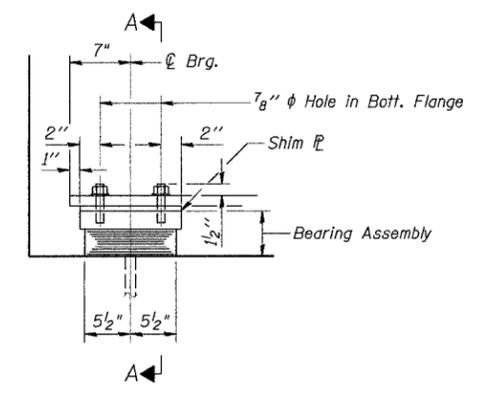
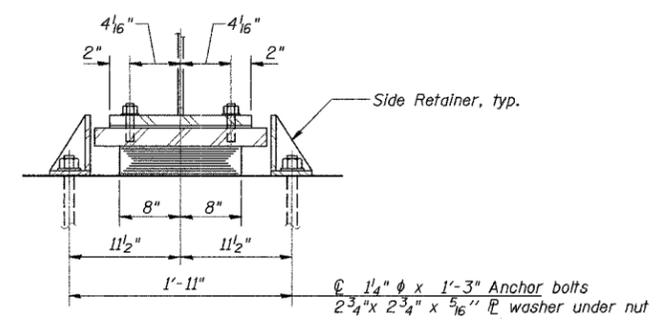


Contract #62336

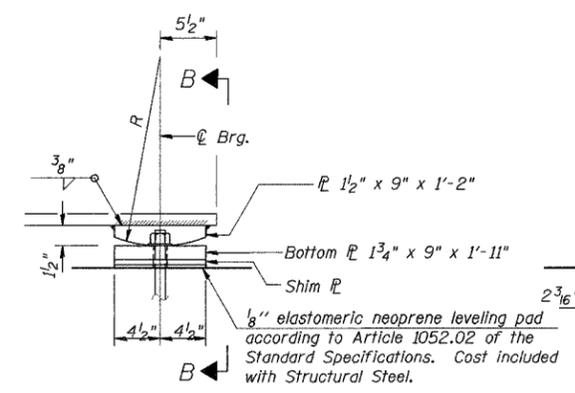


ELEVATION AT ABUT.

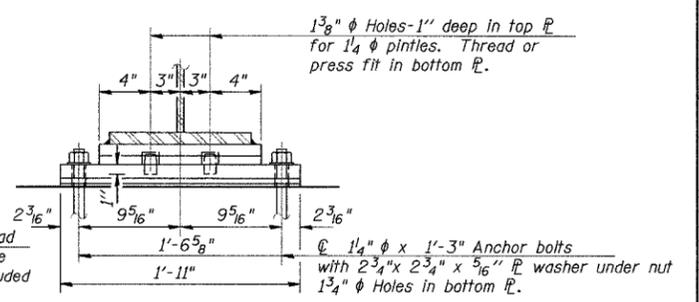


SECTION A-A

TYPE I ELASTOMERIC EXP. BRG. AT W. ABUT.

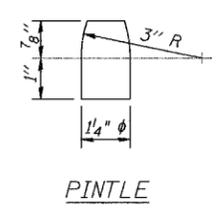


ELEVATION AT ABUT.

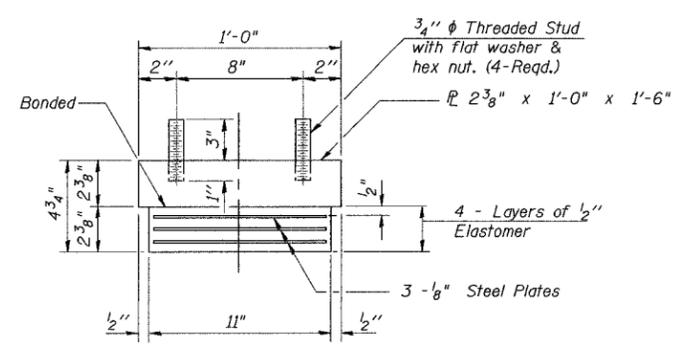


SECTION B-B

FIXED BEARING AT E. ABUT.



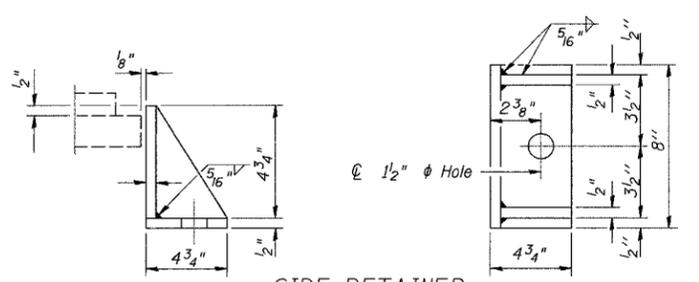
PINTLE



BEARING ASSEMBLY

Note:  
Shim plates shall not be placed under Bearing Assembly.

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.  
Anchor bolts for side retainers may be cast in place or installed in holes drilled before or after members are in place.  
Drilled and set anchor bolts shall be installed according to Article 52L06 of the Standard Specifications.  
Erecting side retainers and other steel members required for the bearing assembly shall be included in the cost of Erecting Elastomeric Bearing Assembly, Type I.  
The structural steel plates of the Bearing Assembly shall conform to the requirements of AASHTO M 270 Grade 50W.



SIDE RETAINER  
Equivalent rolled angle with stiffeners will be allowed in lieu of welded plates.

DESIGNED	J.Z.
CHECKED	S.D.H.
DRAWN	M.S.M.
CHECKED	S.D.H.

BILL OF MATERIAL

Item	Unit	Total
Erecting Elastomeric Bearing Assembly, Type I	EACH	6
Anchor Bolts 1/4"	EACH	24

BEARING DETAILS  
IL Route 176 over the Kishwaukee River  
F.A.P. RTE 533, SECTION 119R-2B  
McHENRY COUNTY  
STATION 10+00.00  
S.N. 056-0078  
DATE: 10-05-07  
GRAEF, ANHALT, SCHLOEMER & ASSOCIATES INC  
CHICAGO ILLINOIS

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