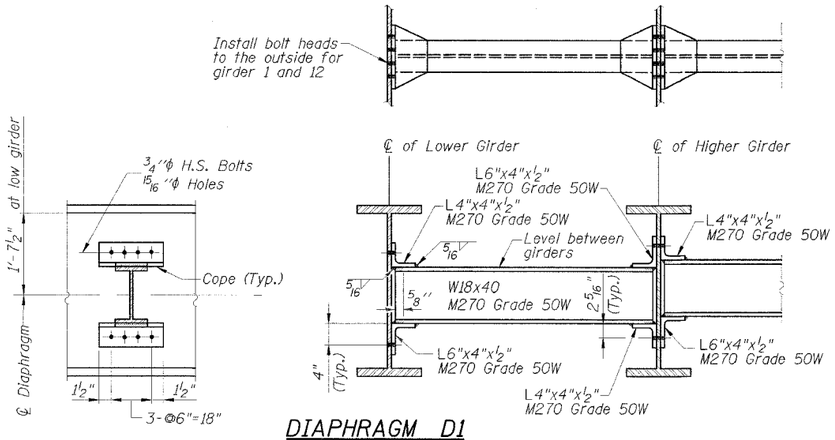
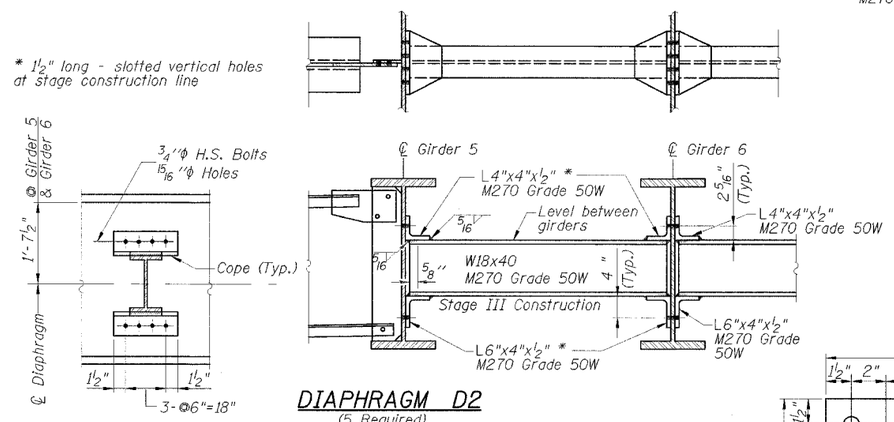
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
350	57B-3F	COOK	12	5
FED. ROAD DIST. NO. 7	ILLINOIS	FED. AID PROJECT		

CONTRACT NO. 60B87



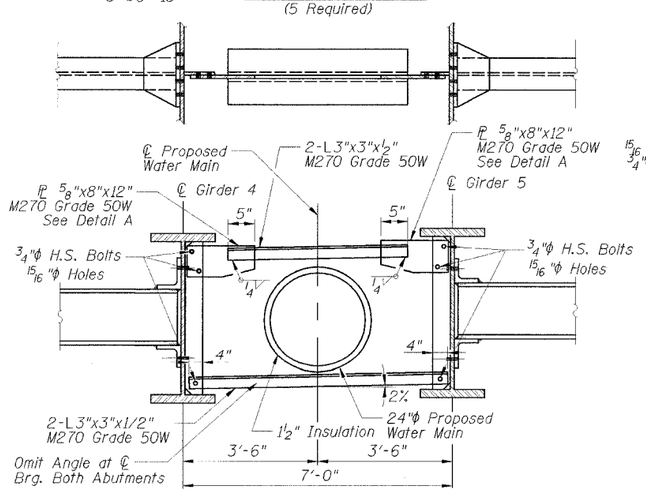
DIAPHRAGM D1

(35 Required)



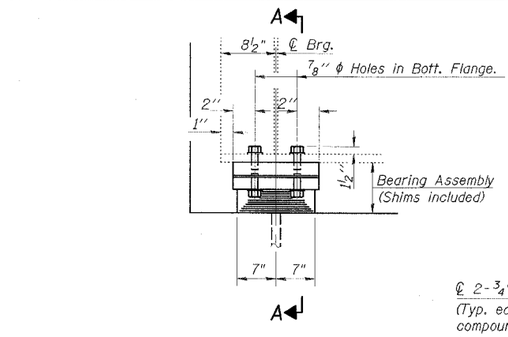
DIAPHRAGM D2

(5 Required)

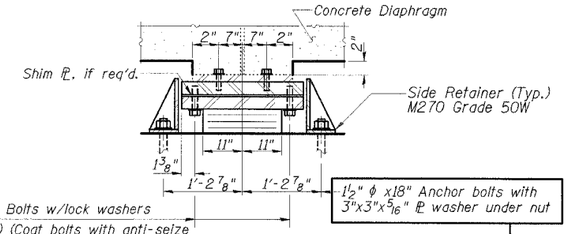


DIAPHRAGM D3

(7 Required)



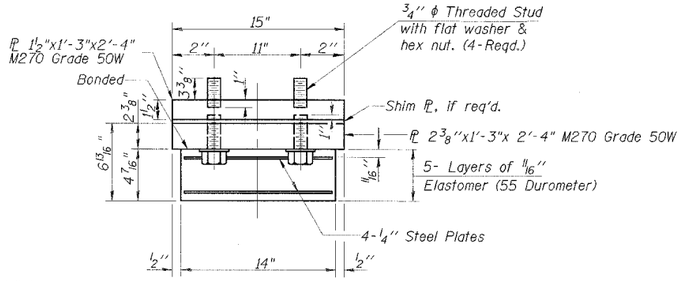
ELEVATION AT S. ABUT.



SECTION A-A

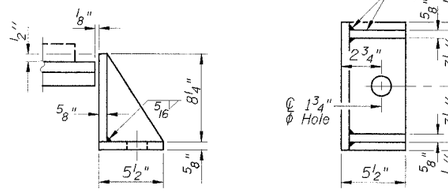
Not Included in This Contract

TYPE I ELASTOMERIC EXP. BRG.



BEARING ASSEMBLY

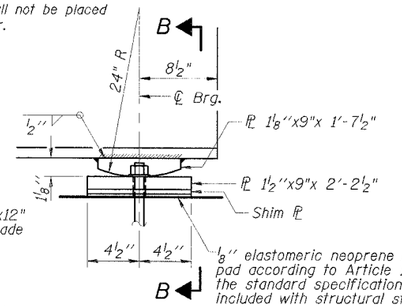
Note: Shim plates shall not be placed under elastomer.



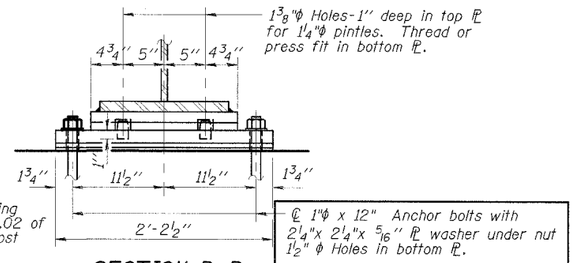
SIDE RETAINER

Equivalent rolled angle with stiffeners will be allowed in lieu of welded plates. Weight included with Structural Steel.

DETAIL A



ELEVATION AT N. ABUT.

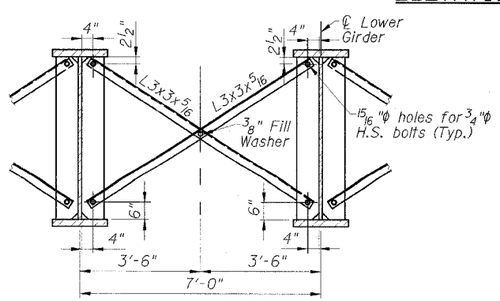


SECTION B-B

Not Included in This Contract

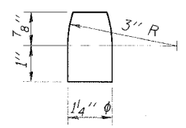
FIXED BEARING

All bearing plates and pintles shall be M270 Grade 50W



CROSS FRAME CF1

(16 Required)



PINTLE

Note:

Two hardened washers shall be required over all oversized holes for Diaphragms.

BILL OF MATERIAL

Item	Unit	Total
Furnishing Elastomeric Bearing Assembly Type I	Each	10

REVISIONS NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
BEARING & DIAPHRAGM DETAILS
FAP 350 IL ROUTE 50 (CICERO AVE.) OVER
NORTH BRANCH OF THE CHICAGO RIVER
COOK COUNTY STATION 23+65.80
SECTION 57B-3F
STRUCTURE NO. 016-2782

SCALE: NONE
DATE: 6/29/06
DRAWN BY: G. Hatlestad
CHECKED BY: P. Lopez

PATRICK ENGINEERING INC.
LISLE, ILLINOIS