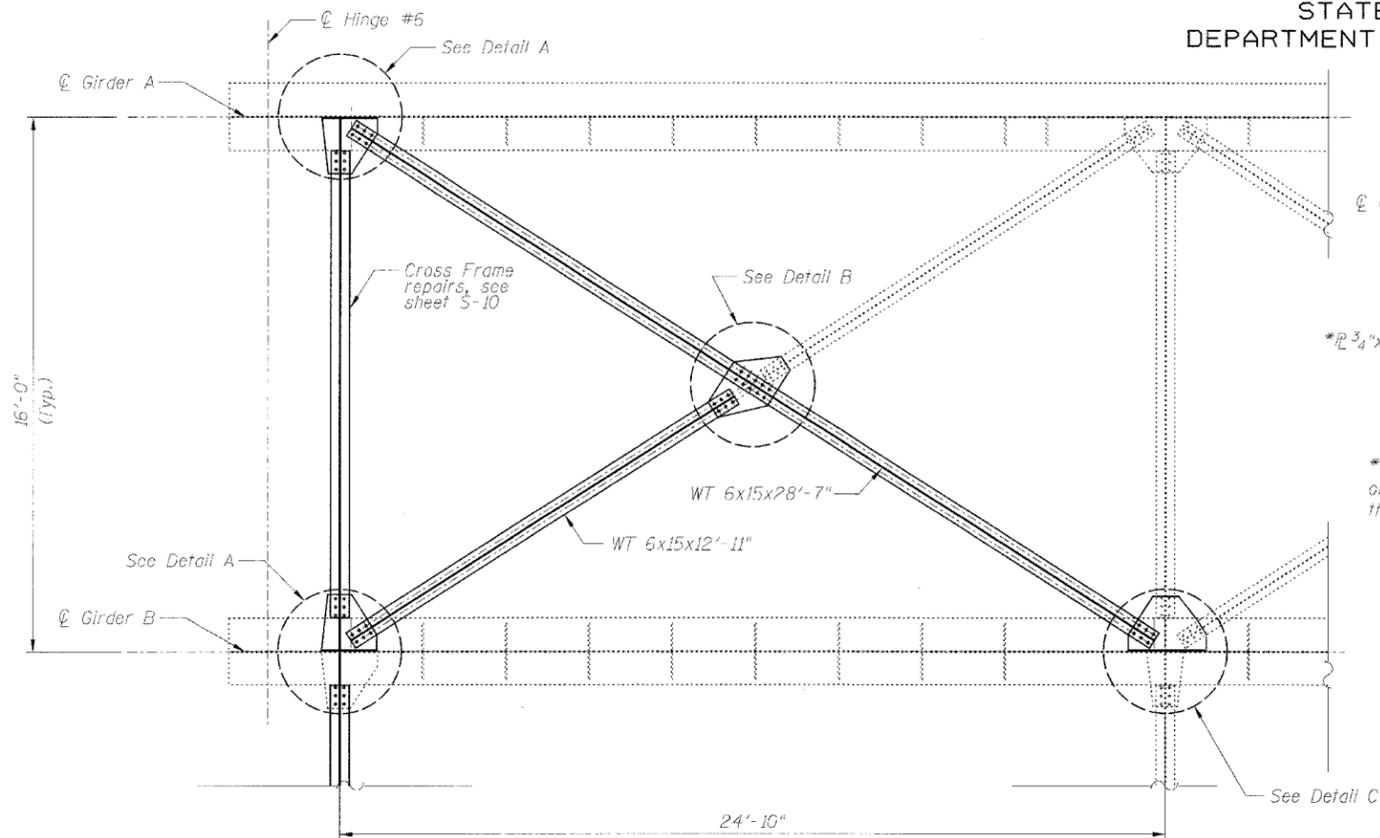


STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
FAU 2697	2008-018 BR	COOK	22	14

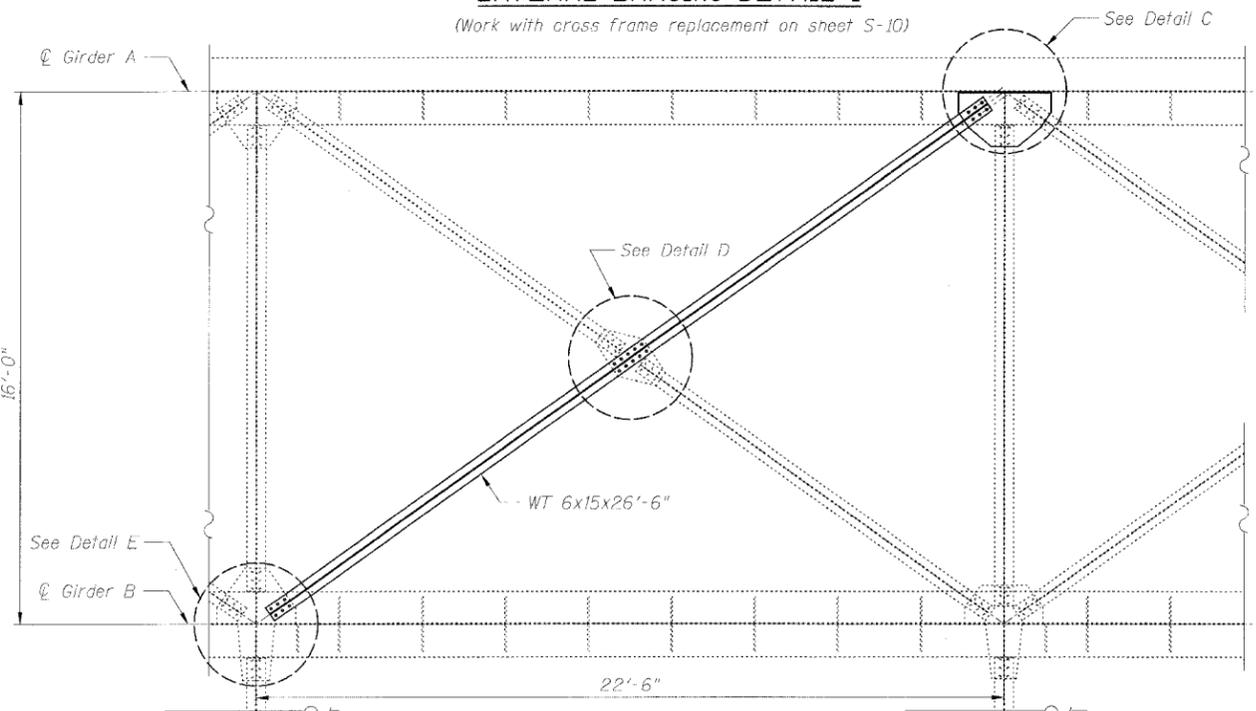
SHEET NO. S-11
S-16 SHEETS

Contract # 60E47



LATERAL BRACING DETAIL 1

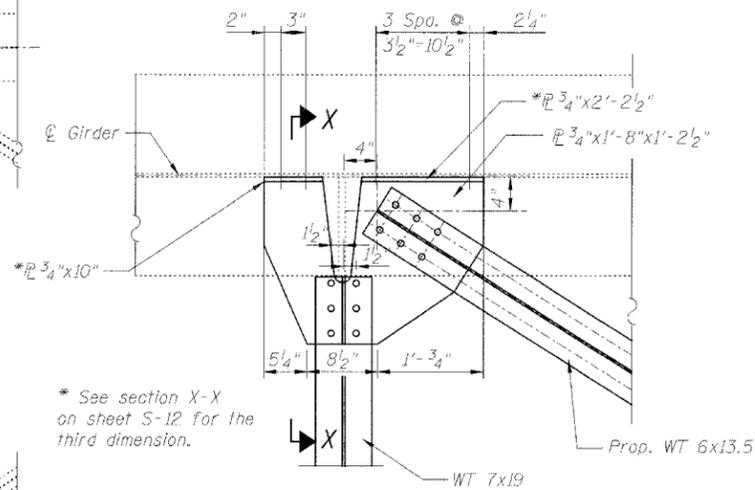
(Work with cross frame replacement on sheet S-10)



LATERAL BRACING DETAIL 2

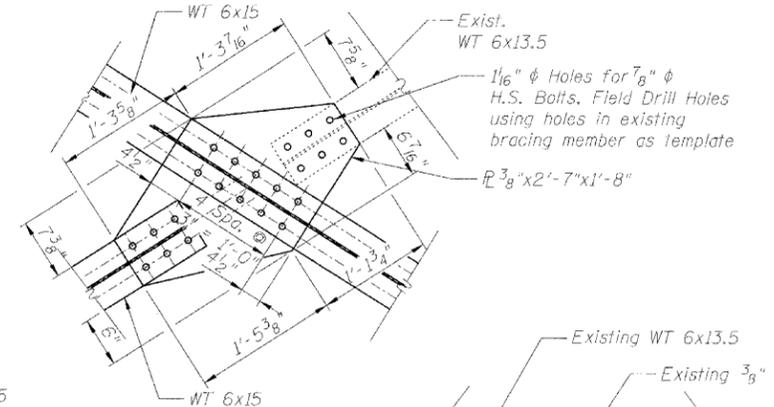
NOTES:

- Contractor to verify dimensions of existing members to be replaced in field before ordering steel.
- Quantity for steel shown on sheet S-7.
- Existing welded connections to be removed using the air-arc method and grind smooth all weld material remaining. Cost included with Structural Steel Removal.

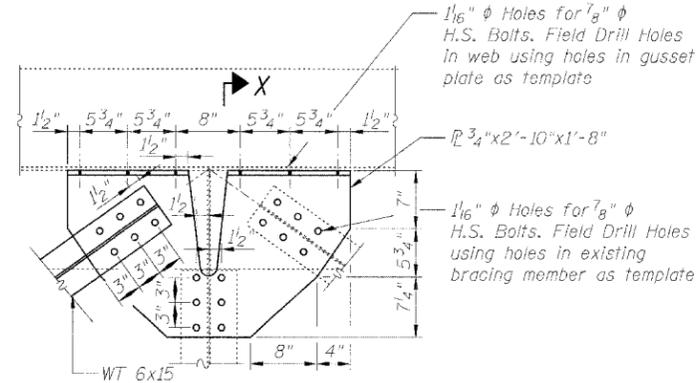


DETAIL A

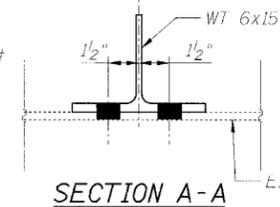
* See section X-X on sheet S-12 for the third dimension.



DETAIL B

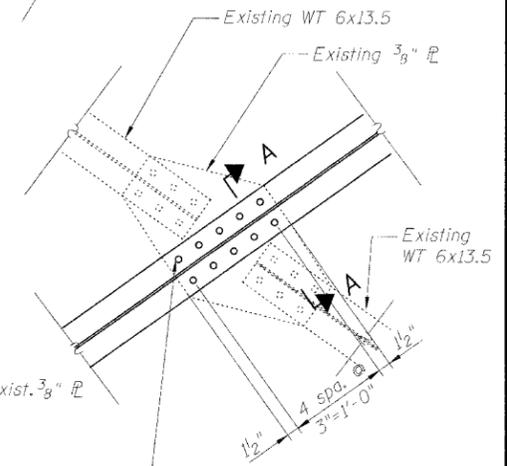


DETAIL C

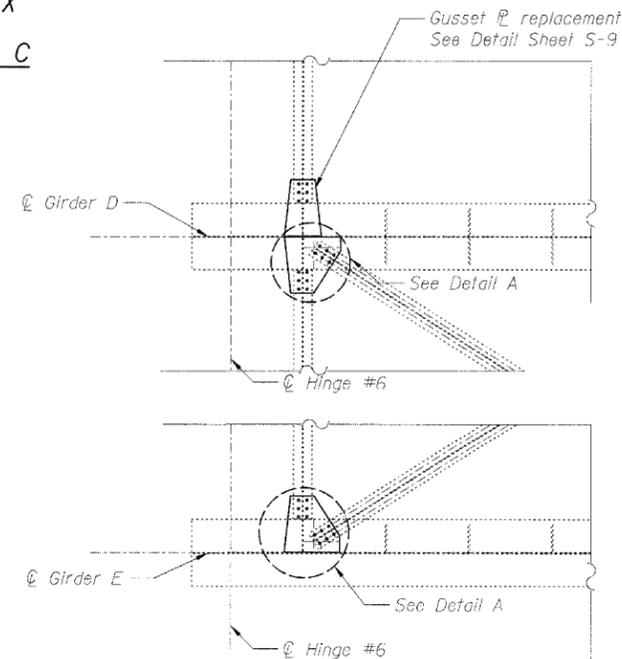


SECTION A-A

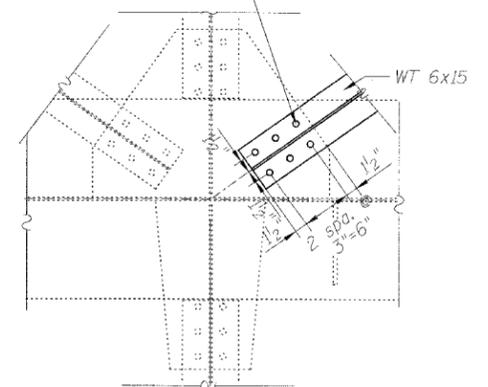
1 1/8" Holes for 7/8" H.S. Bolts. Indicated Spacings are for information only. Field Drill Holes using holes in existing gusset R as template



DETAIL D



GUSSET PLATE REPLACEMENT DETAILS



DETAIL E

DESIGNED	B. Sauter
CHECKED	E. Mroczek
DRAWN	R. Danley
CHECKED	B. Sauter



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STEEL REPAIRS V
FAU 2697 WILLOW SPRINGS ROAD
OVER DES PLAINES RIVER,
CHICAGO SANITARY & SHIP CANAL,
ILLINOIS AND MICHIGAN CANAL,
AND ICG RAILROAD
COOK COUNTY
S.N. 016-0540