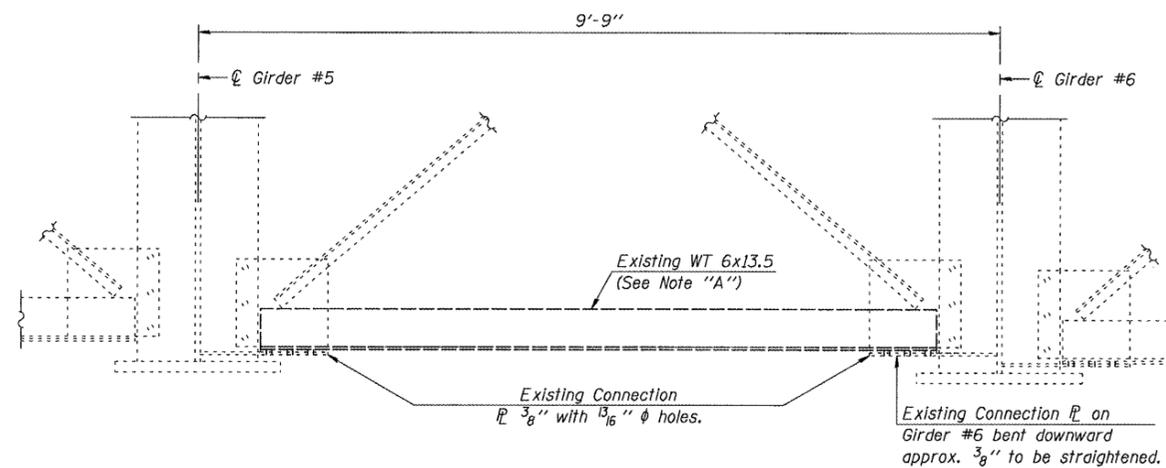


STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
FAJ-180	06-3,78-1I-2	BUREAU/ PUTNAM	12	12
FED. ROAD DIST. NO. 7	ILLINOIS	CONTRACT NO. 66734		

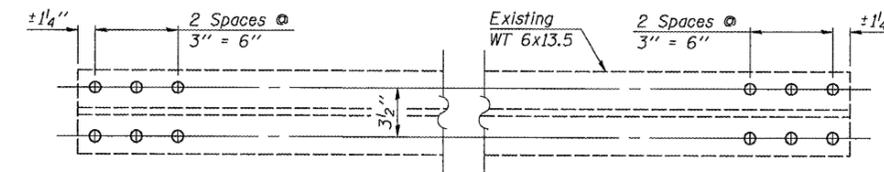
SHEET NO. 8
OF 8 SHEETS



CROSS FRAME ELEVATION

(Looking East)

Note "A": Using the holes in the existing $\frac{3}{8}$ " thick connection plates as a template, drill $\frac{13}{16}$ " dia. holes in each end of the existing WT 6x13.5 and install $\frac{3}{4}$ " dia. H.S. Bolts. See Detail "A" for anticipated hole pattern. The cost of drilling holes, straightening connection plates and installing bolts included with Structural Steel Repair.



PLAN

DETAIL "A"

(Showing Anticipated Pattern for Drilling Holes)

DESIGNED	J.A.M.	200
CHECKED	A.R.K.	ENGINEER OF BRIDGE DESIGN
DRAWN	S.A.P.	PASSED
CHECKED	A.R.K. & J.A.M.	ENGINEER OF BRIDGES AND STRUCTURES

CROSS FRAME REPAIR DETAILS
FAI ROUTE 180 OVER ILLINOIS RIVER
SECTION (06-3,78-1I-2
BUREAU/PUTNAM COUNTIES
S.N. 078-0001