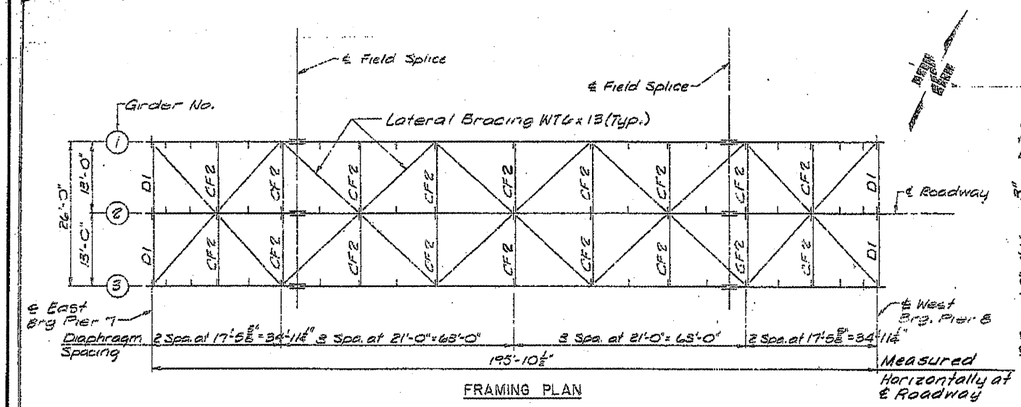
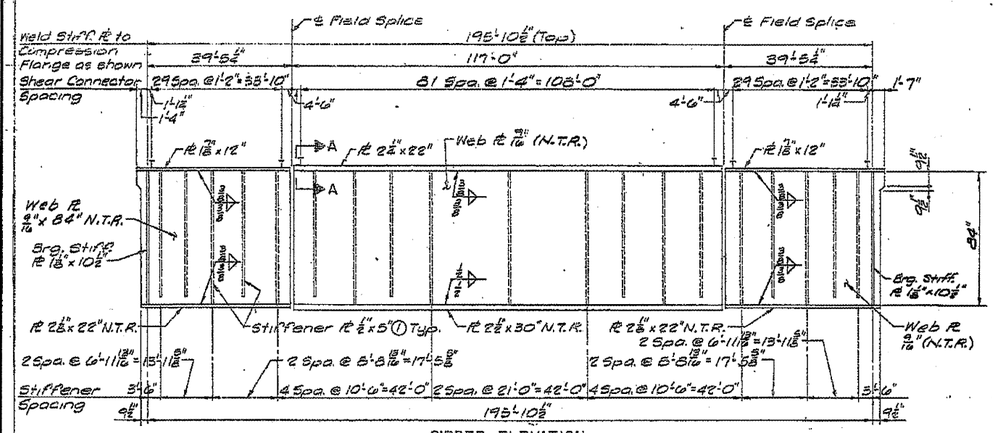
CONTRACT: 72C04
SHEET 15 OF 29

ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
S.B.I. F.A. 63	I-29-1-2(12)	ADAMS	339	203
FED. ROAD DIST. NO. 7	ILLINOIS	FED. AID PROJECT SR-F-ES( )		

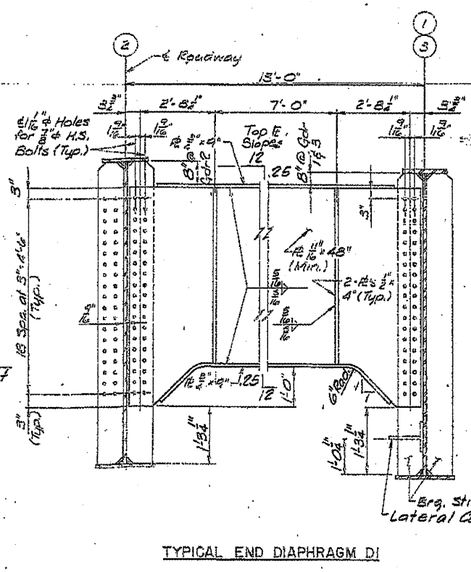
SHEET NO. 89
SHEETS 125



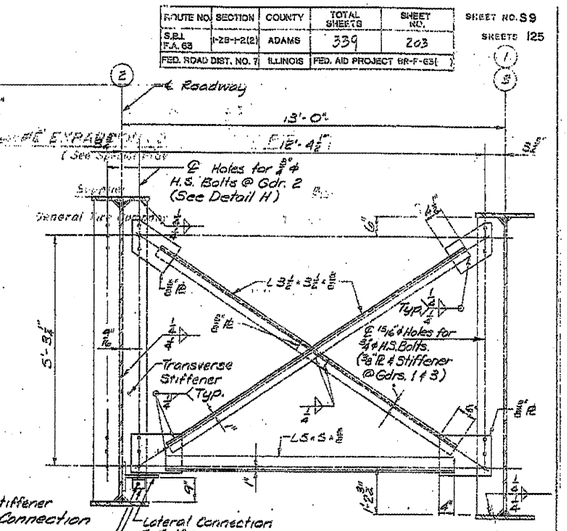
FRAMING PLAN



GIRDER ELEVATION
(Exterior Girder shown, Interior Girder similar.)



TYPICAL END DIAPHRAGM D1



TYPICAL INTERIOR CROSS FRAME CF 2

NOTES:

① Transverse stiffeners shall be located on the inside face of Exterior Girders and either face of Interior Girder.

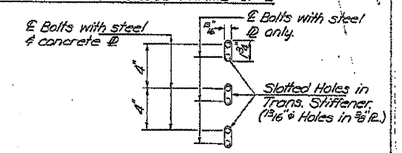
Plates designated "N.T.R." shall conform to the Supplemental Requirements for Notch Toughness (Zone 2). These components are the Tension Flanges, webs and all Splice Plate Material, except Fill Plates of Steel Girders.

Work this sheet with Sheet 510.

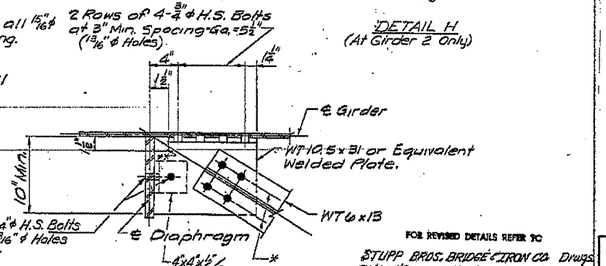
Two Hardened Washers shall be required over all 15/16" ϕ Slotted Holes in Diaphragms, Crossframes & Lateral Bracing.

All Structural Steel to be M223, Grade 50 or M222 except rolled shapes which shall be M183 and Flanges more than 2" thick shall be M222.

Bolts for CF2 at Girder 2 shall be left finger tight until the deck has been placed on span. They shall then be fully tightened. (Cost Incidental)

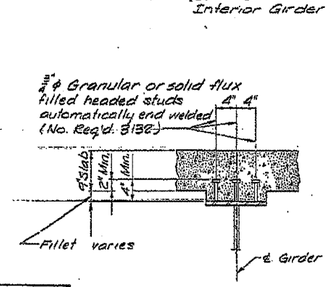


DETAIL H
(At Girder 2 Only)

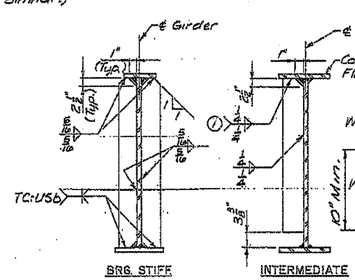


LATERAL BRACING CONNECTION
(Connection shown at D1 & D2)

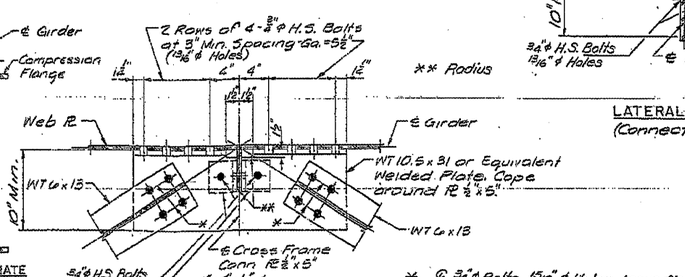
FOR REVISED DETAILS REFER TO
STUPP BROS. BRIDGE & IRON CO. Drwgs. SHOP #296: GN1, EH2, I-16, X-H03.



SECTION A-A



WELDING DETAILS



LATERAL BRACING CONNECTION
(Connection shown at CF2.)

* ℄ 3/4" ϕ Bolts, 13/16" ϕ Holes. Leave finger tight at Girder 2 until deck has been placed, then fully tighten. (Cost Incidental)

REV.NO.	DRAWN	CHKD.	APPD.	DESCRIPTION	DATE
			HE	CONSTRUCTED IN ESSENTIAL COMPLIANCE	7/87

F A ROUTE 63 (U. S. ROUTE 24)
OVER MISSISSIPPI RIVER
QUINCY, ILLINOIS

MAIN SPANS- STEEL ALTERNATE

FRAMING PLAN-SPAN 8

DRAWN: D.K.S.
CHKD.: S.R.F.
APPD.: R.A.B.
DATE: MAY 1983

Booker
Engineers Architects Planners
1139 Olive Street, St. Louis, Missouri 63101

EXISTING STEEL PLANS FOR INFORMATION ONLY