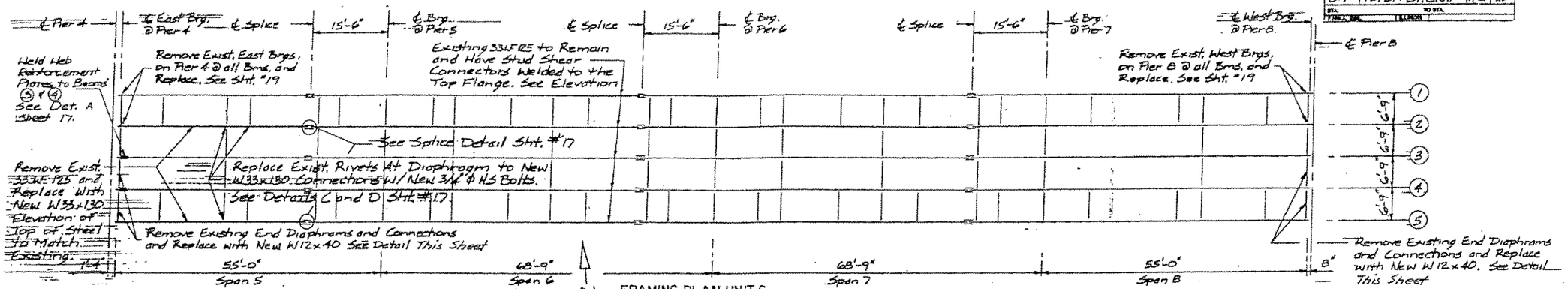
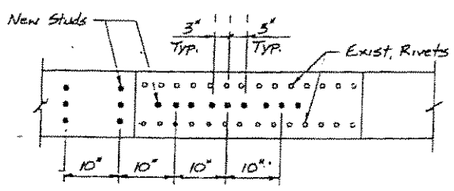
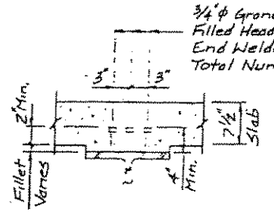
FAP RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
817	421BR	St. Clair	42	25
BTA		NO BTA		
TYPICAL SHEET	ILLINOIS			

Sheet No. 16
29 Sheets

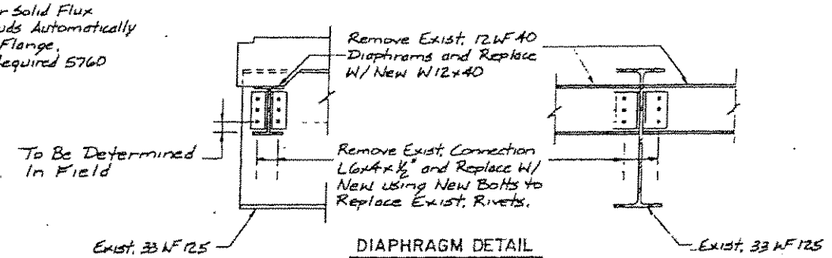




STUD SHEAR CONNECTORS



SHEAR CONNECTORS



DIAPHRAGM DETAIL

NOTES

All Existing Top Flange Surfaces Which Shall be in Contact with New Concrete Shall be Cleared to Satisfy Art. 509.06 (b) Method II. Locations to Receive Studs Shall be Cleaned to Bare Metal to Satisfy Method II per Art. 507.08 (m)(2). Cost of This Work is Incidental to Removal of Existing Concrete Deck.

All Bolts to Be M164

For Beam Load Tables See Sht. 17

Stage Diaphragm Replacement to Match Deck Staging.

BILL OF MATERIAL

ITEM	Unit	Total
Structural Steel	LBS.	17170

FRAMING PLAN – UNITS C & D
BRIDGE OVER KASKASKIA RIVER
F.A. RT. 817 (IL. RTS. 4 & 15)
SECTION 421 BR
ST. CLAIR COUNTY
STATION 132 + 53.67
SN 082 - 0077

FOR INFORMATION ONLY

design firm no. 184001036	USER NAME = #OPERATOR#	DESIGNED - FLL/SBC	REVISED
whks engineers + planners + land surveyors	FILE NAME = 0820077-00000.dgn	CHECKED - CWC/SBC	REVISED
	PLOT SCALE = 0.2 '/' / in.	DRAWN - FLL/DLH	REVISED
	PLOT DATE = 11/14/2012	CHECKED - CWC	REVISED

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

EXISTING PLANS
STRUCTURE NO. 082-0077
SHEET NO. 28 OF 28 SHEETS

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
817	421 BR -1	ST. CLAIR	43	43
		CONTRACT NO. 76F75		
	ILLINOIS FED. AID PROJECT			