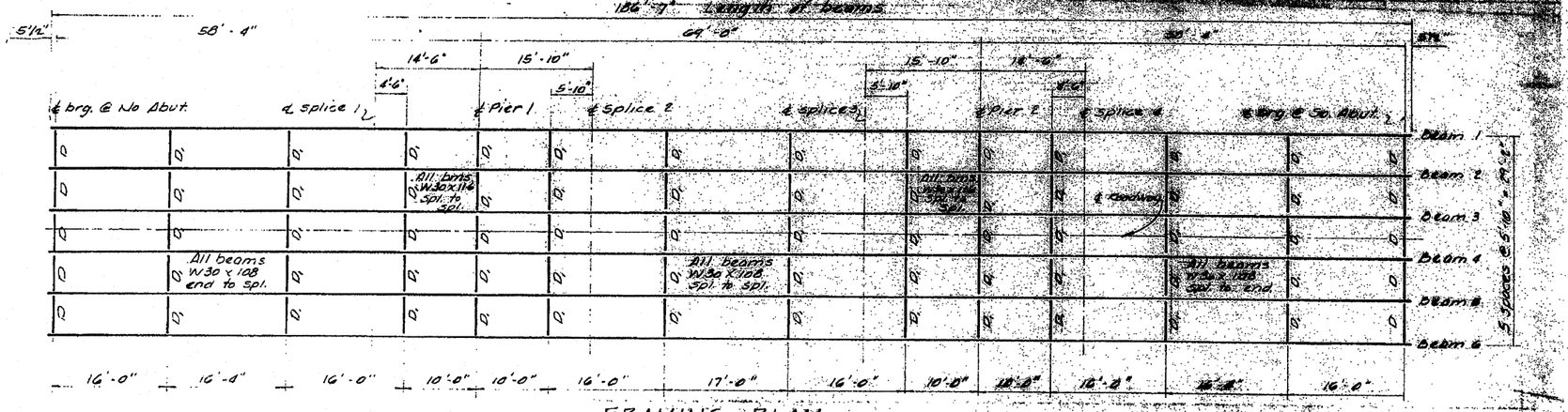
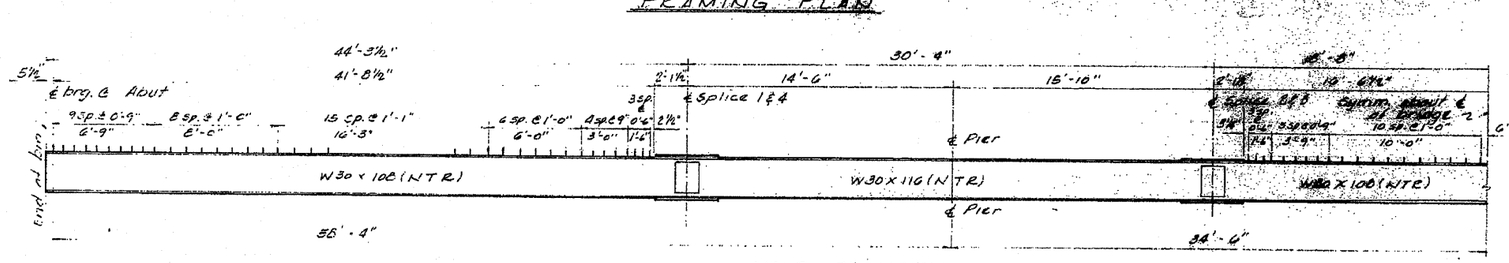
Route	Section	County	Total Sheets	Sheet No.
FA 634	138 BR-1	HENRY	18	14
Station 671+37				
Illinois Route	Mileage	Proj. No.		

Bridge Sheet 5 of 29

FRAMING PLAN

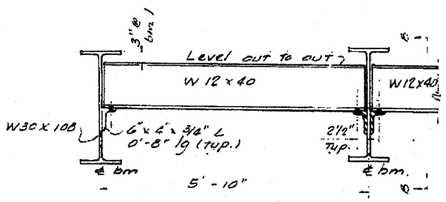
156'-7" Length of beams



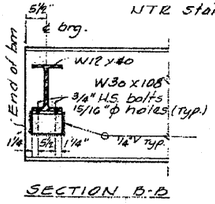


HALF - ELEVATION

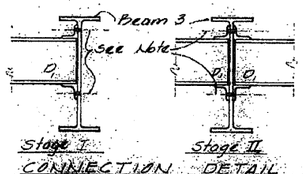
NTR stands for Notch Toughness Requirement



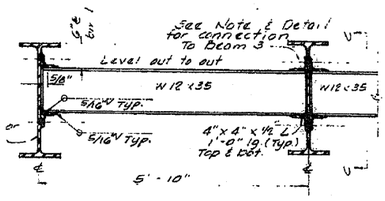
DIAPHRAM "D"
(10 required)



SECTION B-B

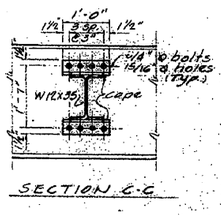


CONNECTION DETAIL
(Beam 3 Only)

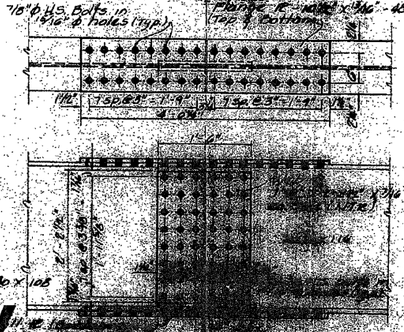


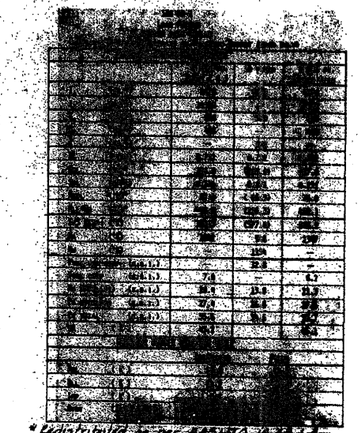
DIAPHRAM "D"
(60 required)

Note: Two hardened washers shall be required over all holes in diaphrams.



SECTION C-C



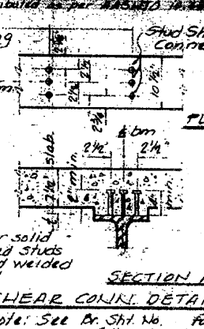


Stud Spacing

Stud Shear Connector

℄ bm.

PLAN

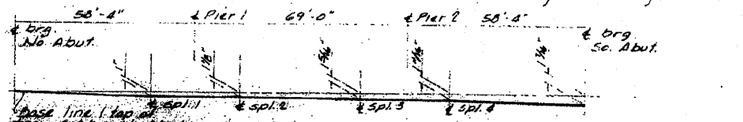


SECTION A-A

¾"ø granular or solid flux-filled headed studs automatically end welded 2258 required

SHEAR CONN. DETAIL

Note: See Br. Sht. No. for determining fillet height. "t"



TOP OF BEAM ELEVATIONS (for fabrication only)

	@ brg. 1 Abut.	@ Splice 1-Span 1	@ Pier 1	@ Splice 2-Span 2	@ Splice 3-Span 3	@ Pier 2	@ Splice 4-Span 3	@ brg. 3 Abut.
BEAMS 1 & 6	711.91	711.88	711.98	711.83	711.80	711.87	711.77	711.79
BEAMS 2 & 5	712.02	711.94	712.08	711.93	711.91	711.97	711.88	711.89
BEAMS 3 & 4	712.11	712.03	712.11	712.02	712.00	712.07	711.97	711.99

FRAMING PLAN

PROJECT:

ROUTE: FA 634 (IL 82)

SECTION: 138 BR-1, over North Branch of Edwards River

COUNTY: HENRY

STATION: 671+37

FOR INFORMATION ONLY

FILE NAME = O:\BR\Bridge Painting\Contracts\PAINTING\64G88\PLANeng.dgn	USER NAME = linkdj	DESIGNED - ---	REVISED - ---
		DRAWN - ---	REVISED - ---
	PLOT SCALE = 50.0000 ' / IN.	CHECKED - ---	REVISED - ---
	PLOT DATE = Sat Jan 22 07:11:02 2011	DATE - ---	REVISED - ---

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

Existing Bridge Plans
Structure No. 037-0137

SCALE: --- | SHEET NO. -- OF --- SHEETS | STA. --- | TO STA. ---

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
var	D2 Bridge Painting 2011-2	Various	25	11
		CONTRACT NO. 64G88		
		ILLINOIS FED. AID PROJECT		