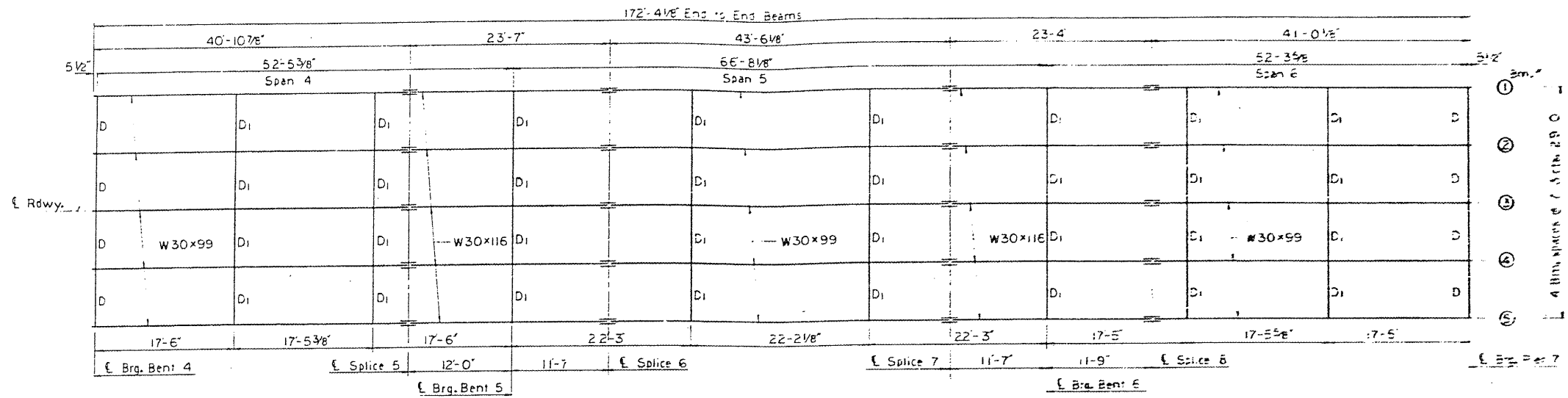
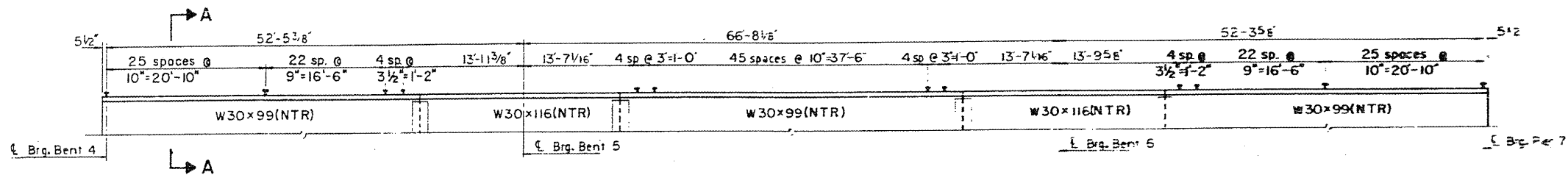


PROJECT NO.	SECTION	CITY/TOWNSHIP	SHEET NO.	TOTAL SHEETS
FA34	2 BR	MENARD MASON	57	18
Sheet 13 of 35				



FRAMING PLAN



ELEVATION

Spacing of Stud Shear Connectors
NTR-Designates Notch Toughness Requirement

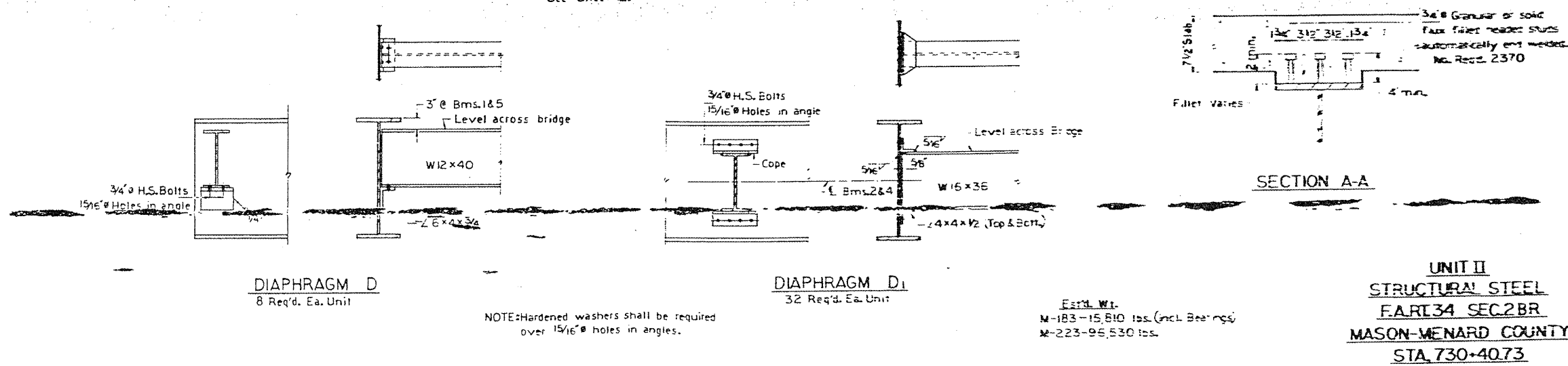
NOTE:

1. All W30 wide flange beams and field splice material shall be AASHTO M-223 Grade 50 Steel Diaphragms & their connecting angles & Brgs. shall be AASHTO M-183 Steel.
2. For Moment and reaction tables and detail of Splice See Sheet 12.

TOP OF BEAM ELEVATIONS

	Bm. 1 or 5	Bm. 2 or 4	Bm. 3
℄ Brg. Bent 4	481.49	481.62	481.73
℄ Splice 5	481.76	481.89	482.00
℄ Brg. Bent 5	481.86	481.99	482.10
℄ Splice 6	481.96	482.09	482.20
℄ Splice 7	482.38	482.51	482.62
℄ Brg. Bent 6	482.48	482.61	482.72
℄ Brg. Pier 7	482.97	483.10	483.21

The above Elevations are for fabrication only. Elevation at Splices are given to the top of W30x116.



DIAPHRAGM D
8 Req'd. Ea. Unit

DIAPHRAGM D1
32 Req'd. Ea. Unit

NOTE: Hardened washers shall be required over 1 5/16" holes in angles.

Est'd. Wt.
M-183-15,810 lbs. (incl. Bearings)
M-223-95,530 lbs.

UNIT II
STRUCTURAL STEEL
F.A.R.134 SEC.2BR
MASON-MENARD COUNTY
STA. 730+40.73

FOR INFORMATION ONLY

EXISTING PLANS, SN 065-0002
VARIOUS ROUTES
D6REHAB BDGE PAINTING 2012
MENARD, SANGAMON COUNTIES