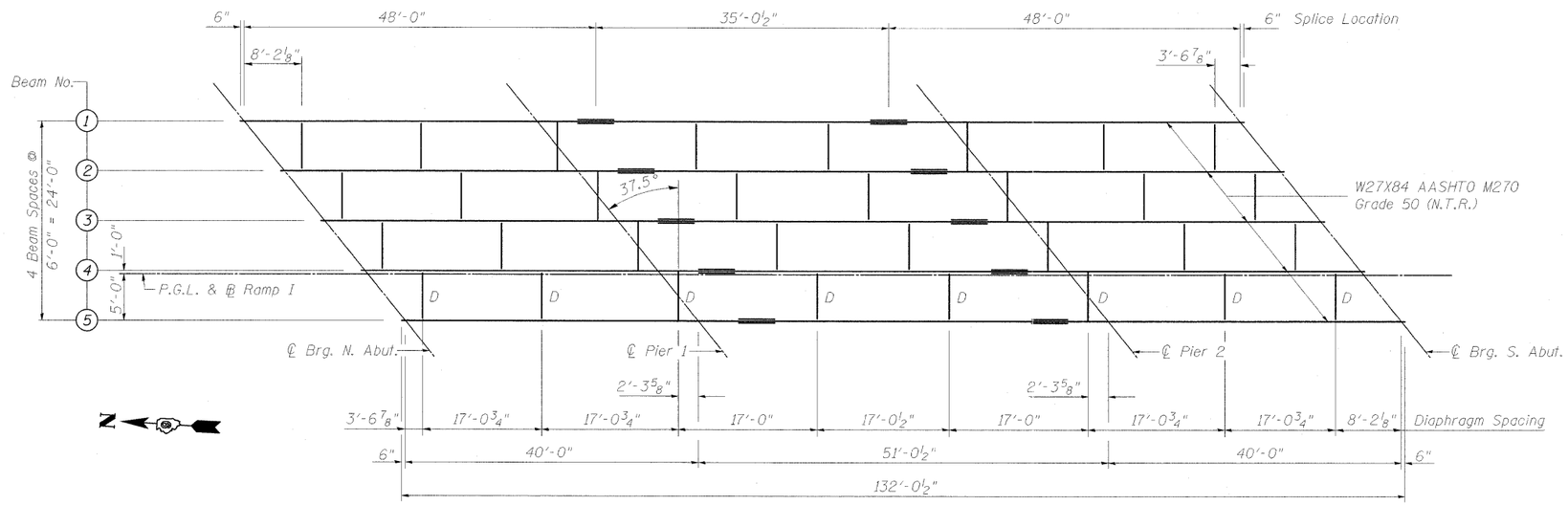
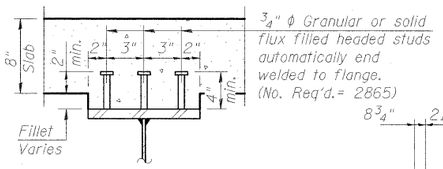
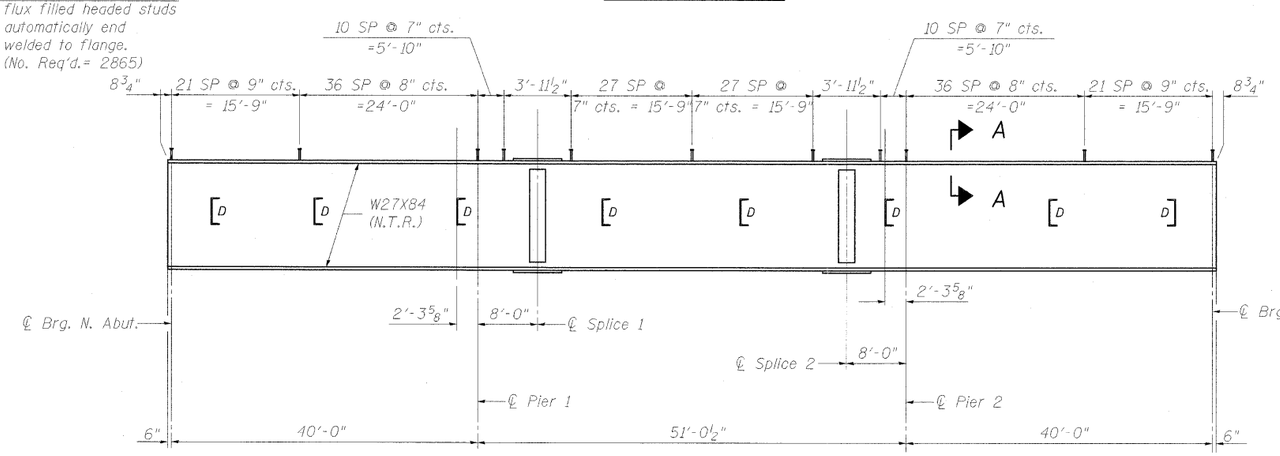


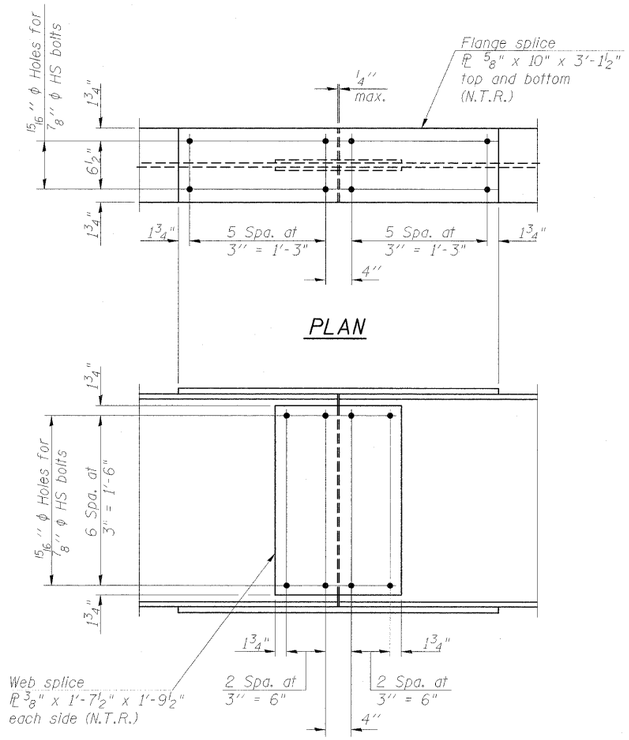
FRAMING PLAN



SECTION A-A



BEAM ELEVATION



SPLICE DETAIL

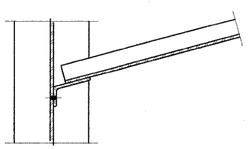
(10 Required)

TOP OF BEAM ELEVATIONS FOR FABRICATION ONLY					
Location	Beam 1	Beam 2	Beam 3	Beam 4	Beam 5
℄ Brg. N. Abut.	486.16	486.06	485.96	485.85	485.73
℄ Pier 1	486.09	485.95	485.80	485.65	485.50
℄ Splice 1	486.08	485.92	485.77	485.61	485.45
℄ Splice 2	485.73	485.54	485.35	485.16	484.96
℄ Pier 2	485.59	485.39	485.19	484.99	484.78
℄ Brg. S. Abut.	484.88	484.65	484.41	484.17	483.92

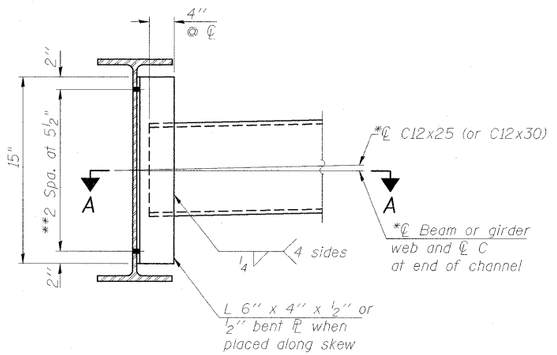
NOTES:

1. All stringers shall be AASHTO M270, Grade 50 steel (N.T.R.).
2. Load carrying components designed "N.T.R." shall conform to the supplemental requirements for notch toughness (Zone 2).
3. All diaphragms shall be installed as steel is erected and secured with erection pins and bolts except as otherwise noted. Individual diaphragms at supports may be temporarily disconnected to install bearing anchor rods.

Note:
Two hardened washers required for each set of oversized holes.
*Alternate channels are permitted to facilitate material acquisition. Calculated weight of structural steel is based on the lighter section. The alternate, if utilized, shall be provided at no additional cost to the Department.
**3/4" ϕ HS bolts, 15/16" ϕ holes



SECTION A-A



INTERIOR DIAPHRAGM

CMT
CRAWFORD MURPHY & TILLY, INC.
CONSULTING ENGINEERS
SPRINGFIELD, IL ■ AURORA, IL ■ ST. LOUIS, MO
ROCKFORD, IL ■ PEORIA, IL ■ CHICAGO, IL

FILE NAME = ...\Ramp I\FRAMING PLAN.Ø11.dgn	USER NAME = Rob Heady	DESIGNED - BPD	REVISED -
		CHECKED - REB	REVISED -
	PLOT SCALE =	DRAWN - GLD	REVISED -
	PLOT DATE = 10/7/2011	CHECKED - BPD	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

FRAMING PLAN
STRUCTURE NO. 100-0097
SHEET NO. 11 OF 23 SHEETS

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	(X1-6-2)HB-1	WILLIAMSON	968	671
* F.A.I. 57 AND F.A.P. 331		CONTRACT NO. 78182		
ILLINOIS FED. AID PROJECT				