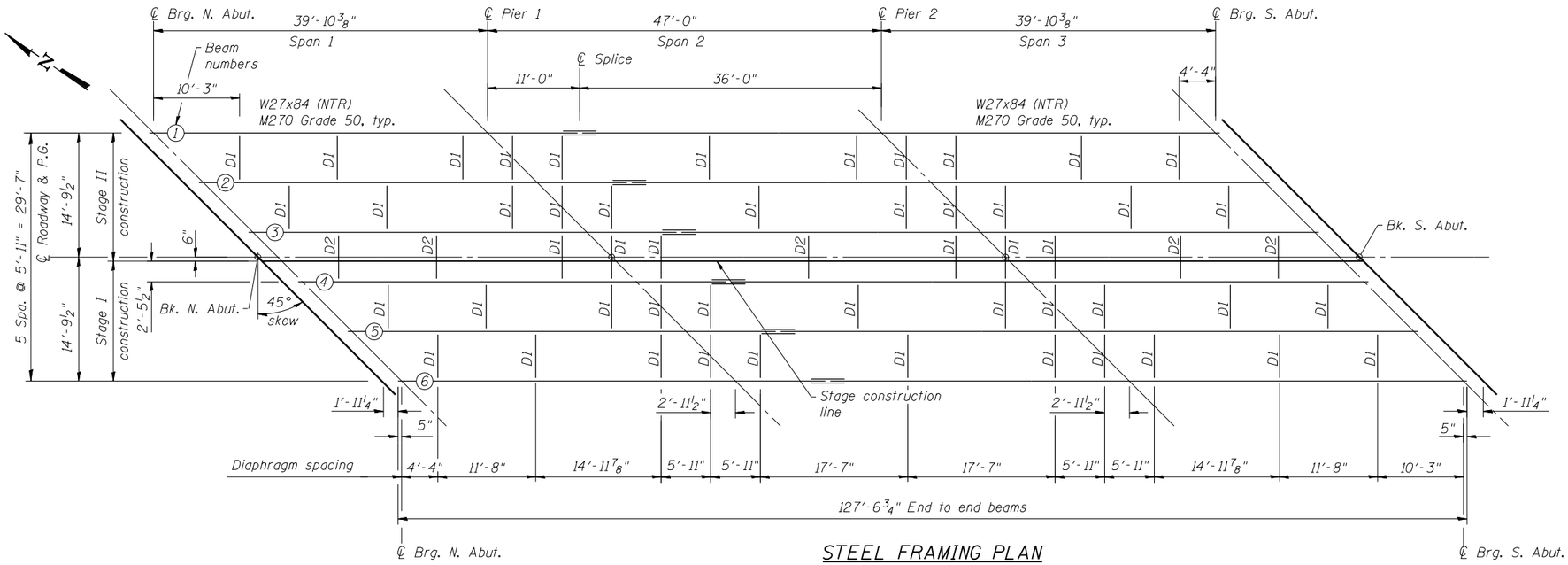
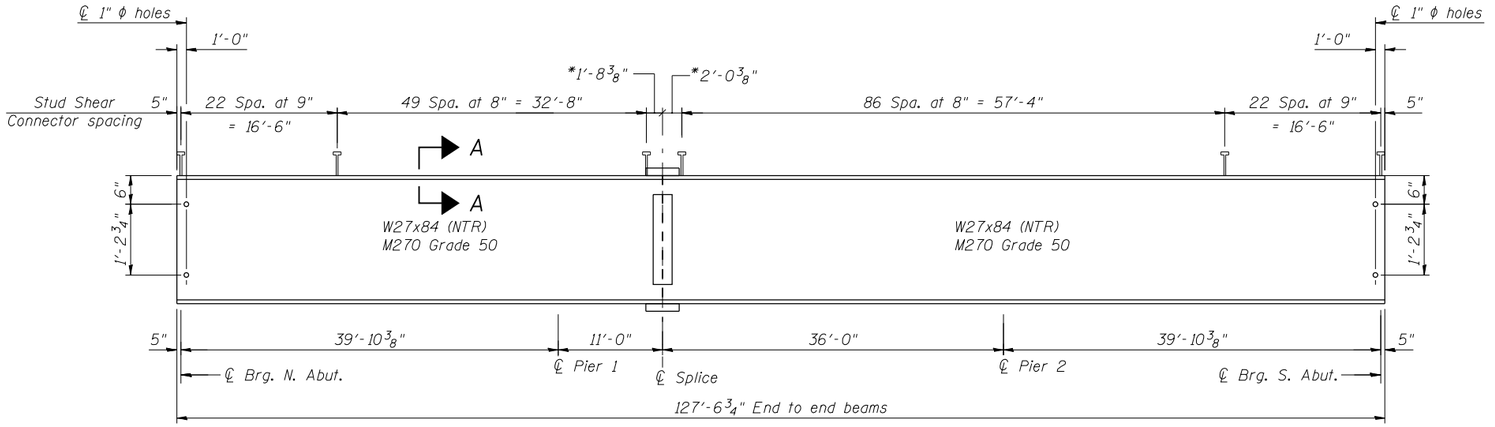


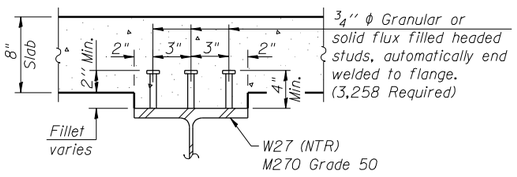
STEEL FRAMING PLAN

Notes:
See sheet 16 of 29 for additional steel details.
Alll 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.
Load carrying components designated (NTR) shall conform to the Impact Testing Requirement, Zone 2.



BEAM ELEVATION

* Omit shear connectors over splices



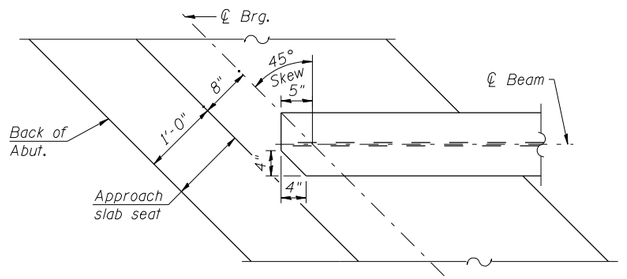
SECTION A-A

TOP OF BEAM ELEVATIONS

(For fabrication only)

Beam	℄ Brg. N. Abut.	℄ Pier 1	℄ Splice	℄ Pier 2	℄ Brg. S. Abut.
1	357.15	356.90	356.83	356.73	356.61
2	357.23	356.98	356.91	356.82	356.70
3	357.29	357.04	356.97	356.89	356.78
4	357.25	357.02	356.96	356.87	356.77
5	357.12	356.90	356.84	356.76	356.67
6	356.98	356.77	356.71	356.64	356.55

Notes:
Elevations shown do not include deflection and are intended only for use in fabrication of steel beams.
Elevations at splice locations are top of flange (not splice plate).



TOP FLANGE PLAN - CLIPPED

(Showing top flange of steel beam at integral abutment)

PRINT DRIVER = LPD.E.B.@ol
PEN TABLE = DOT_VERB2.TBL
USER NAME = * DEFAULT *
FILE NAME = D:\0017-78263-10-SUP-sht-dgn

ESCA CONSULTANTS, INC. BRIDGE & STRUCTURAL ENGINEERS

USER NAME = kah		DESIGNED - SHL	07/13	REVISED -	
ESCA PROJECT NO. 1035.03		CHECKED - RDP	09/13	REVISED -	
PLOT SCALE = 0.2 '' / IN.		DRAWN - JPC/KAH	07/13	REVISED -	
PLOT DATE = 1/22/2014	5:23:20 PM	CHECKED - SHL	08/13	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

STEEL FRAMING PLAN
STRUCTURE NO. 035-0017
SHEET NO. 15 OF 29 SHEETS

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
782	115B-1	HARDIN	70	38
		CONTRACT NO. 78263		
	ILLINOIS FED. AID PROJECT			