

SN 026-0106 - TOP OF WEB ELEVATIONS

(For Fabrication only)

Location	Girder 1	Girder 2	Girder 3	Girder 4	Girder 5	Girder 6
Brg. W. Abut.	496.06	496.22	496.36	496.45	496.33	496.19
Splice 1-1	496.35	496.51	496.65	496.74	496.62	496.47
Brg. Pier 1	496.58	496.74	496.88	496.97	496.85	496.70
Splice 2-1	496.81	496.97	497.11	497.20	497.08	496.94
Splice 2-2	497.30	497.46	497.60	497.70	497.58	497.43
Brg. Pier 2	497.50	497.66	497.80	497.89	497.77	497.62
Splice 3-1	497.69	497.85	497.99	498.08	497.96	497.81
Splice 3-2	497.97	498.13	498.27	498.37	498.25	498.10
Brg. Pier 3	497.97	498.13	498.27	498.37	498.25	498.10
Splice 4-1	498.14	498.30	498.44	498.53	498.41	498.26
Splice 4-2	497.86	498.02	498.16	498.26	498.13	497.99
Brg. Pier 4	497.48	497.64	497.78	497.88	497.75	497.61
Splice 5-1	497.27	497.43	497.57	497.66	497.54	497.39
Splice 5-2	496.78	496.94	497.08	497.17	497.05	496.90
Brg. Pier 5	496.51	496.67	496.81	496.90	496.78	496.63
Splice 6-1	496.54	496.70	496.84	496.93	496.81	496.66
Brg. E. Abut.	495.83	495.99	496.13	496.22	496.10	495.96

Note: Top of web elevations are based on a "no-load" condition prior to any dead load deflection.

SN 026-0107 - TOP OF WEB ELEVATIONS

(For Fabrication only)

Location	Girder 7	Girder 8	Girder 9	Girder 10	Girder 11	Girder 12
Brg. W. Abut.	496.09	496.40	496.71	497.02	497.33	497.64
Splice 1-1	496.58	496.89	497.20	497.51	497.82	498.14
Brg. Pier 1	496.74	497.05	497.36	497.67	497.98	498.29
Splice 2-1	497.11	497.42	497.73	498.03	498.34	498.65
Splice 2-2	497.87	498.10	498.29	498.47	498.67	498.84
Brg. Pier 2	498.17	498.28	498.42	498.48	498.56	498.62
Splice 3-1	498.46	498.63	498.75	498.74	498.69	498.60
Splice 3-2	498.78	498.95	499.07	498.96	498.84	498.66
Brg. Pier 3	498.79	498.94	499.06	498.97	498.83	498.67
Splice 4-1	498.97	499.10	499.22	499.14	498.99	498.84
Splice 4-2	498.61	498.76	498.89	498.79	498.66	498.49
Brg. Pier 4	498.14	498.29	498.42	498.32	498.19	498.02
Splice 5-1	497.84	497.99	498.11	498.02	497.88	497.72
Splice 5-2	497.16	497.30	497.42	497.34	497.20	497.04
Brg. Pier 5	496.74	496.88	497.01	496.92	496.79	496.63
Splice 6-1	496.62	496.76	496.89	496.79	496.67	496.51
Brg. E. Abut.	495.55	495.70	495.82	495.73	495.59	495.43

Note: Top of web elevations are based on a "no-load" condition prior to any dead load deflection.

INTERIOR GIRDER REACTION TABLE - SN 026-0106

	W. Abut.	Pier 1	Pier 2	Pier 3	Pier 4	Pier 5	E. Abut.
R _{DC1} (k)	60.6	221.9	218.5	229.1	215.8	258.6	83.5
R _{DC2} (k)	8.8	32.0	32.0	33.4	31.6	36.4	12.1
R _{DW} (k)	17.8	64.7	64.6	67.6	63.9	73.6	24.4
R _{L + IM} (k)	105.0	221.0	227.7	232.8	230.1	236.2	113.6
R _{Total} (k)	192.2	539.6	542.8	562.9	541.4	604.8	233.6

INTERIOR GIRDER REACTION TABLE - SN 026-0107

	W. Abut.	Pier 1	Pier 2	Pier 3	Pier 4	Pier 5	E. Abut.
R _{DC1} (k)	60.2	223.2	219.9	228.8	216.0	258.6	83.5
R _{DC2} (k)	13.2	48.0	48.0	33.4	31.6	36.4	12.1
R _{DW} (k)	19.6	71.9	71.8	67.5	64.0	73.6	24.4
R _{L + IM} (k)	114.1	239.4	246.6	232.8	230.1	236.1	114.4
R _{Total} (k)	207.1	582.5	586.3	562.5	541.7	604.7	234.4



USER NAME = has	DESIGNED - ELH	08/13	REVISED -
ESCA PROJECT NO. 1070.09	CHECKED - RDP	08/13	REVISED -
	DRAWN - DWH/HAS	08/13	REVISED -
PLOT DATE = 1/28/2014 1:30:56 PM	CHECKED - ELH	08/13	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**STEEL FRAMING DETAILS
STRUCTURE NOS. 026-0106 & 026-0107**

SHEET NO. 67 OF 113 SHEETS

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
70	(26-3B-1, 3B-1(3))BR	FAYETTE	277	147
ILLINOIS FED. AID PROJECT			CONTRACT NO. 74175	