

BEAM 1

Location	Station	Offset (ft.)	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection
N. end of slab	996+61.20	-14.79	357.89	357.89
☉ Brg. N. Abut.	996+62.15	-14.79	357.89	357.89
a	996+72.15	-14.79	357.83	357.84
b	996+82.15	-14.79	357.77	357.79
c	996+92.15	-14.79	357.71	357.72
☉ Pier 1	997+02.01	-14.79	357.66	357.66
d	997+12.01	-14.79	357.61	357.62
e	997+22.01	-14.79	357.57	357.58
f	997+32.01	-14.79	357.52	357.53
g	997+42.01	-14.79	357.49	357.50
☉ Pier 2	997+49.01	-14.79	357.46	357.46
h	997+59.01	-14.79	357.43	357.44
i	997+69.01	-14.79	357.40	357.42
j	997+79.01	-14.79	357.37	357.38
☉ Brg. S. Abut.	997+88.87	-14.79	357.34	357.34
S. end of slab	997+89.82	-14.79	357.34	357.34

BEAM 2

Location	Station	Offset (ft.)	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection
N. end of slab	996+67.11	-8.88	357.96	357.96
☉ Brg. N. Abut.	996+68.06	-8.88	357.96	357.96
a	996+78.06	-8.88	357.90	357.91
b	996+88.06	-8.88	357.84	357.86
c	996+98.06	-8.88	357.79	357.80
☉ Pier 1	997+07.92	-8.88	357.74	357.74
d	997+17.92	-8.88	357.69	357.70
e	997+27.92	-8.88	357.65	357.66
f	997+37.92	-8.88	357.61	357.62
g	997+47.92	-8.88	357.57	357.58
☉ Pier 2	997+54.92	-8.88	357.55	357.55
h	997+64.92	-8.88	357.51	357.52
i	997+74.92	-8.88	357.49	357.51
j	997+84.92	-8.88	357.46	357.47
☉ Brg. S. Abut.	997+94.78	-8.88	357.44	357.44
S. end of slab	997+95.73	-8.88	357.44	357.44

BEAM 3

Location	Station	Offset (ft.)	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection
N. end of slab	996+73.03	-2.96	358.02	358.02
☉ Brg. N. Abut.	996+73.98	-2.96	358.01	358.01
a	996+83.98	-2.96	357.96	357.97
b	996+93.98	-2.96	357.90	357.92
c	997+03.98	-2.96	357.85	357.86
☉ Pier 1	997+13.84	-2.96	357.80	357.80
d	997+23.84	-2.96	357.76	357.77
e	997+33.84	-2.96	357.72	357.73
f	997+43.84	-2.96	357.68	357.69
g	997+53.84	-2.96	357.64	357.65
☉ Pier 2	997+60.84	-2.96	357.62	357.62
h	997+70.84	-2.96	357.59	357.60
i	997+80.84	-2.96	357.56	357.58
j	997+90.84	-2.96	357.54	357.55
☉ Brg. S. Abut.	998+00.70	-2.96	357.52	357.52
S. end of slab	998+01.65	-2.96	357.52	357.52

☉ ROADWAY & PROFILE GRADE

Location	Station	Offset (ft.)	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection
N. end of slab	996+75.99	0.00	358.05	358.05
☉ Brg. N. Abut.	996+76.94	0.00	358.04	358.04
a	996+86.94	0.00	357.99	358.00
b	996+96.94	0.00	357.93	357.95
c	997+06.94	0.00	357.88	357.89
☉ Pier 1	997+16.80	0.00	357.84	357.84
d	997+26.80	0.00	357.79	357.80
e	997+36.80	0.00	357.75	357.76
f	997+46.80	0.00	357.71	357.72
g	997+56.80	0.00	357.68	357.68
☉ Pier 2	997+63.80	0.00	357.66	357.66
h	997+73.80	0.00	357.63	357.64
i	997+83.80	0.00	357.60	357.62
j	997+93.80	0.00	357.58	357.59
☉ Brg. S. Abut.	998+03.66	0.00	357.56	357.56
S. end of slab	998+04.61	0.00	357.56	357.56

STAGE CONSTRUCTION LINE

Location	Station	Offset (ft.)	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection
N. end of slab	996+76.49	0.50	358.04	358.04
☉ Brg. N. Abut.	996+77.44	0.50	358.03	358.03
a	996+87.44	0.50	357.98	357.99
b	996+97.44	0.50	357.92	357.94
c	997+07.44	0.50	357.87	357.88
☉ Pier 1	997+17.30	0.50	357.83	357.83
d	997+27.30	0.50	357.78	357.79
e	997+37.30	0.50	357.74	357.75
f	997+47.30	0.50	357.70	357.71
g	997+57.30	0.50	357.67	357.68
☉ Pier 2	997+64.30	0.50	357.65	357.65
h	997+74.30	0.50	357.62	357.63
i	997+84.30	0.50	357.59	357.61
j	997+94.30	0.50	357.57	357.58
☉ Brg. S. Abut.	998+04.16	0.50	357.55	357.55
S. end of slab	998+05.11	0.50	357.55	357.55

BEAM 4

Location	Station	Offset (ft.)	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection
N. end of slab	996+78.95	2.96	357.99	357.99
☉ Brg. N. Abut.	996+79.90	2.96	357.98	357.98
a	996+89.90	2.96	357.92	357.93
b	996+99.90	2.96	357.87	357.89
c	997+09.90	2.96	357.82	357.83
☉ Pier 1	997+19.76	2.96	357.78	357.78
d	997+29.76	2.96	357.73	357.74
e	997+39.76	2.96	357.69	357.70
f	997+49.76	2.96	357.66	357.67
g	997+59.76	2.96	357.62	357.63
☉ Pier 2	997+66.76	2.96	357.60	357.60
h	997+76.76	2.96	357.57	357.58
i	997+86.76	2.96	357.55	357.57
j	997+96.76	2.96	357.53	357.54
☉ Brg. S. Abut.	998+06.62	2.96	357.51	357.51
S. end of slab	998+07.57	2.96	357.51	357.51

BEAM 5

Location	Station	Offset (ft.)	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection
N. end of slab	996+84.87	8.88	357.86	357.86
☉ Brg. N. Abut.	996+85.82	8.88	357.85	357.85
a	996+95.82	8.88	357.80	357.81
b	997+05.82	8.88	357.75	357.77
c	997+15.82	8.88	357.70	357.71
☉ Pier 1	997+25.68	8.88	357.66	357.66
d	997+35.68	8.88	357.62	357.63
e	997+45.68	8.88	357.58	357.59
f	997+55.68	8.88	357.54	357.55
g	997+65.68	8.88	357.51	357.52
☉ Pier 2	997+72.68	8.88	357.49	357.49
h	997+82.68	8.88	357.47	357.48
i	997+92.68	8.88	357.44	357.46
j	998+02.68	8.88	357.42	357.43
☉ Brg. S. Abut.	998+12.54	8.88	357.41	357.41
S. end of slab	998+13.49	8.88	357.41	357.41

BEAM 6

Location	Station	Offset (ft.)	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection
N. end of slab	996+90.78	14.79	357.72	357.72
☉ Brg. N. Abut.	996+91.73	14.79	357.71	357.71
a	997+01.73	14.79	357.66	357.67
b	997+11.73	14.79	357.61	357.63
c	997+21.73	14.79	357.57	357.58
☉ Pier 1	997+31.59	14.79	357.53	357.53
d	997+41.59	14.79	357.49	357.50
e	997+51.59	14.79	357.45	357.46
f	997+61.59	14.79	357.42	357.43
g	997+71.59	14.79	357.39	357.40
☉ Pier 2	997+78.59	14.79	357.37	357.37
h	997+88.59	14.79	357.35	357.36
i	997+98.59	14.79	357.32	357.34
j	998+08.59	14.79	357.31	357.32
☉ Brg. S. Abut.	998+18.45	14.79	357.29	357.29
S. end of slab	998+19.40	14.79	357.29	357.29

PRINT DRIVER = L:\05-EB\0411
 ESCA PROJECT NO. 1035.03
 PLOT SCALE = 0.25" = 1'-0"
 PLOT DATE = 1/22/2014 5:22:22 PM



USER NAME = kah	DESIGNED - SHL 07/13	REVISED -
ESCA PROJECT NO. 1035.03	CHECKED - RDP 09/13	REVISED -
PLOT SCALE = 0.25" = 1'-0"	DRAWN - JPC 07/13	REVISED -
PLOT DATE = 1/22/2014 5:22:22 PM	CHECKED - SHL 08/13	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**TOP OF SLAB ELEVATIONS
STRUCTURE NO. 035-0017**

SHEET NO. 6 OF 29 SHEETS

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
782	115B-1	HARDIN	70	29
ILLINOIS FED. AID PROJECT			CONTRACT NO. 78263	