

BEAM 1

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevation Adjusted for Dead Load Deflection
Bk. of South Abut.	623+04.04	-34.57	425.33	425.33
☉ South Abut.	623+05.36	-34.59	425.31	425.31
A	623+15.63	-34.65	425.09	425.15
B	623+25.89	-34.67	424.89	424.99
C	623+36.16	-34.63	424.68	424.80
D	623+46.43	-34.55	424.47	424.58
E	623+56.70	-34.42	424.27	424.34
☉ North Abut.	623+68.45	-34.20	424.04	424.04
Bk. of North Abut.	623+69.76	-34.18	424.01	424.01

BEAM 2

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevation Adjusted for Dead Load Deflection
Bk. of South Abut.	623+02.69	-28.06	425.64	425.64
☉ South Abut.	623+04.00	-28.07	425.61	425.61
A	623+14.24	-28.15	425.40	425.48
B	623+24.47	-28.17	425.19	425.32
C	623+34.71	-28.14	424.99	425.14
D	623+44.95	-28.06	424.78	424.91
E	623+55.18	-27.94	424.58	424.66
☉ North Abut.	623+66.89	-27.73	424.35	424.35
Bk. of North Abut.	623+68.20	-27.71	424.32	424.32

BEAM 3

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevation Adjusted for Dead Load Deflection
Bk. of South Abut.	623+01.35	-21.55	425.95	425.95
☉ South Abut.	623+02.66	-21.56	425.92	425.92
A	623+12.86	-21.64	425.71	425.78
B	623+23.06	-21.67	425.50	425.63
C	623+33.27	-21.65	425.29	425.44
D	623+43.47	-21.58	425.09	425.22
E	623+53.67	-21.46	424.89	424.97
☉ North Abut.	623+65.35	-21.26	424.66	424.66
Bk. of North Abut.	623+66.65	-21.24	424.63	424.63

BEAM 4

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevation Adjusted for Dead Load Deflection
Bk. of South Abut.	623+00.02	-15.03	426.26	426.26
☉ South Abut.	623+01.32	-15.05	426.23	426.23
A	623+11.49	-15.13	426.02	426.09
B	623+21.66	-15.17	425.81	425.94
C	623+31.83	-15.15	425.60	425.75
D	623+42.00	-15.09	425.40	425.53
E	623+52.17	-14.98	425.20	425.28
☉ North Abut.	623+63.81	-14.79	424.97	424.97
Bk. of North Abut.	623+65.11	-14.77	424.94	424.94

☉ ROADWAY

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevation Adjusted for Dead Load Deflection
Bk. of South Abut.	622+99.40	-12.00	426.40	426.40
☉ South Abut.	623+00.69	-12.00	426.37	426.37
A	623+10.83	-12.00	426.17	426.24
B	623+20.98	-12.00	425.96	426.09
C	623+31.14	-12.00	425.75	425.90
D	623+41.31	-12.00	425.55	425.68
E	623+51.49	-12.00	425.34	425.42
☉ North Abut.	623+63.15	-12.00	425.10	425.10
Bk. of North Abut.	623+64.45	-12.00	425.08	425.08

BEAM 5

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevation Adjusted for Dead Load Deflection
Bk. of South Abut.	622+98.69	-8.52	426.56	426.56
☉ South Abut.	622+99.99	-8.53	426.54	426.54
A	623+10.13	-8.62	426.33	426.40
B	623+20.27	-8.66	426.12	426.25
C	623+30.41	-8.66	425.91	426.06
D	623+40.54	-8.60	425.71	425.84
E	623+50.68	-8.50	425.51	425.59
☉ North Abut.	623+62.28	-8.32	425.28	425.28
Bk. of North Abut.	623+63.58	-8.30	425.25	425.25

BEAM 6

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevation Adjusted for Dead Load Deflection
Bk. of South Abut.	622+97.38	-2.00	426.87	426.87
☉ South Abut.	622+98.67	-2.02	426.84	426.84
A	623+08.77	-2.11	426.63	426.71
B	623+18.88	-2.16	426.43	426.55
C	623+28.99	-2.16	426.22	426.37
D	623+39.10	-2.11	426.02	426.15
E	623+49.20	-2.02	425.81	425.90
☉ North Abut.	623+60.77	-1.84	425.59	425.59
Bk. of North Abut.	623+62.06	-1.82	425.56	425.56

PROFILE GRADE LINE (P.G.L.)

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevation Adjusted for Dead Load Deflection
Bk. of South Abut.	622+96.97	0.00	426.96	426.96
☉ South Abut.	622+98.26	0.00	426.94	426.94
A	623+08.34	0.00	426.73	426.81
B	623+18.42	0.00	426.53	426.66
C	623+28.52	0.00	426.32	426.47
D	623+38.63	0.00	426.12	426.25
E	623+48.74	0.00	425.91	426.00
☉ North Abut.	623+60.33	0.00	425.68	425.68
Bk. of North Abut.	623+61.63	0.00	425.65	425.65

BEAM 7

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevation Adjusted for Dead Load Deflection
Bk. of South Abut.	622+96.07	4.52	427.18	427.18
☉ South Abut.	622+97.36	4.50	427.15	427.15
A	623+07.43	4.40	426.94	427.00
B	623+17.51	4.34	426.73	426.84
C	623+27.58	4.34	426.53	426.65
D	623+37.66	4.38	426.32	426.43
E	623+47.73	4.47	426.12	426.19
☉ North Abut.	623+59.26	4.63	425.90	425.90
Bk. of North Abut.	623+60.55	4.65	425.87	425.87



DESIGNED - TCR/JCZ	REVISED
CHECKED - JML	REVISED
DRAWN - DJM/JWK	REVISED
CHECKED - MSW	REVISED

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TOP OF SLAB ELEVATIONS, SOUTHBOUND ROADWAY
STRUCTURE NO. 082-0385 NB & 082-0386 SB

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
788	520-1-2B	ST. CLAIR	94	36
CONTRACT NO. 76F69			ILLINOIS FED. AID PROJECT	