

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

**BEAM 1**

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevation Adjusted for Dead Load Deflection
Bk. of West Abut.	322+33.12	-16.25	616.20	616.20
☉ Brg. West Abut.	322+35.31	-16.25	616.21	616.21
A	322+45.31	-16.25	616.26	616.29
B	322+55.31	-16.25	616.31	616.34
C	322+65.31	-16.25	616.35	616.38
☉ Brg. Pier 1	322+79.32	-16.25	616.40	616.40
D	322+89.32	-16.25	616.43	616.43
E	322+99.32	-16.25	616.45	616.46
F	323+09.32	-16.25	616.46	616.46
☉ Brg. Pier 2	323+23.91	-16.25	616.46	616.46
G	323+33.91	-16.25	616.46	616.46
H	323+43.91	-16.25	616.44	616.45
I	323+53.91	-16.25	616.42	616.43
☉ Brg. Pier 3	323+68.49	-16.25	616.38	616.38
J	323+78.49	-16.25	616.35	616.36
K	323+88.49	-16.25	616.30	616.33
L	323+98.49	-16.25	616.25	616.28
☉ Brg. East Abut.	324+12.50	-16.25	616.17	616.17
Bk. of East Abut.	324+14.70	-16.25	616.16	616.16

**BEAM 2**

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevation Adjusted for Dead Load Deflection
Bk. of West Abut.	322+31.97	-9.75	616.31	616.31
☉ Brg. West Abut.	322+34.17	-9.75	616.33	616.33
A	322+44.17	-9.75	616.38	616.40
B	322+54.17	-9.75	616.43	616.46
C	322+64.17	-9.75	616.47	616.50
☉ Brg. Pier 1	322+78.18	-9.75	616.52	616.52
D	322+88.18	-9.75	616.55	616.55
E	322+98.18	-9.75	616.57	616.58
F	323+08.18	-9.75	616.58	616.59
☉ Brg. Pier 2	323+22.76	-9.75	616.59	616.59
G	323+32.76	-9.75	616.58	616.59
H	323+42.76	-9.75	616.57	616.58
I	323+52.76	-9.75	616.55	616.56
☉ Brg. Pier 3	323+67.34	-9.75	616.51	616.51
J	323+77.34	-9.75	616.48	616.49
K	323+87.34	-9.75	616.43	616.46
L	323+97.34	-9.75	616.38	616.41
☉ Brg. East Abut.	324+11.35	-9.75	616.30	616.30
Bk. of East Abut.	324+13.55	-9.75	616.29	616.29

**BEAM 3**

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevation Adjusted for Dead Load Deflection
Bk. of West Abut.	322+30.82	-3.25	616.41	616.41
☉ Brg. West Abut.	322+33.02	-3.25	616.42	616.42
A	322+43.02	-3.25	616.48	616.50
B	322+53.02	-3.25	616.53	616.56
C	322+63.02	-3.25	616.57	616.59
☉ Brg. Pier 1	322+77.03	-3.25	616.62	616.62
D	322+87.03	-3.25	616.65	616.65
E	322+97.03	-3.25	616.67	616.68
F	323+07.03	-3.25	616.68	616.69
☉ Brg. Pier 2	323+21.61	-3.25	616.69	616.69
G	323+31.61	-3.25	616.68	616.69
H	323+41.61	-3.25	616.67	616.68
I	323+51.61	-3.25	616.65	616.66
☉ Brg. Pier 3	323+66.20	-3.25	616.62	616.62
J	323+76.20	-3.25	616.58	616.60
K	323+86.20	-3.25	616.54	616.57
L	323+96.20	-3.25	616.49	616.52
☉ Brg. East Abut.	324+10.21	-3.25	616.41	616.41
Bk. of East Abut.	324+12.41	-3.25	616.40	616.40

**☉ ROADWAY, PROFILE GRADE LINE (P.G.L.) & STAGE CONSTRUCTION LINE**

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevation Adjusted for Dead Load Deflection
Bk. of West Abut.	322+30.25	0.00	616.45	616.45
☉ Brg. West Abut.	322+32.45	0.00	616.47	616.47
A	322+42.45	0.00	616.53	616.55
B	322+52.45	0.00	616.58	616.61
C	322+62.45	0.00	616.62	616.64
☉ Brg. Pier 1	322+76.46	0.00	616.67	616.67
D	322+86.46	0.00	616.70	616.70
E	322+96.46	0.00	616.72	616.73
F	323+06.46	0.00	616.73	616.74
☉ Brg. Pier 2	323+21.04	0.00	616.74	616.74
G	323+31.04	0.00	616.73	616.74
H	323+41.04	0.00	616.72	616.73
I	323+51.04	0.00	616.71	616.71
☉ Brg. Pier 3	323+65.62	0.00	616.67	616.67
J	323+75.62	0.00	616.63	616.65
K	323+85.62	0.00	616.59	616.62
L	323+95.62	0.00	616.55	616.57
☉ Brg. East Abut.	324+09.63	0.00	616.47	616.47
Bk. of East Abut.	324+11.83	0.00	616.45	616.45

DESIGNED	SDH
CHECKED	JML
DRAWN	JMK/DJM
CHECKED	MSW

DATE 10/07/09

FARNSWORTH GROUP, INC.

**TOP OF SLAB ELEVATIONS  
STRUCTURE NO. 053-0150**

SHEET NO. B6  34 SHEETS	F.A.P. RTE. 41	SECTION 15BR-2	COUNTY LIVINGSTON	TOTAL SHEETS 64	SHEET NO. 22
	CONTRACT NO. 66691			FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT	