

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

BEAM 4

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection
BK. W. ABUT.	49+09.08	-15.00	612.26	612.26
EXP. JT.	49+11.15	-15.00	612.27	612.27
BRG. W. ABUT.	49+12.60	-15.00	612.27	612.27
A	49+22.60	-15.00	612.32	612.36
B	49+32.60	-15.00	612.37	612.44
C	49+42.60	-15.00	612.40	612.49
D	49+52.60	-15.00	612.42	612.50
E	49+62.60	-15.00	612.43	612.49
F	49+72.60	-15.00	612.43	612.45
BRG. PIER 1	49+86.28	-15.00	612.41	612.41
G	49+96.28	-15.00	612.38	612.39
H	50+06.28	-15.00	612.34	612.38
I	50+16.28	-15.00	612.29	612.36
J	50+26.28	-15.00	612.22	612.31
K	50+36.28	-15.00	612.15	612.23
L	50+46.28	-15.00	612.06	612.11
BRG. E. ABUT.	50+59.95	-15.00	611.92	611.92
EXP. JT.	50+61.41	-15.00	611.91	611.91
BK. E. ABUT.	50+63.47	-15.00	611.89	611.89

BEAM 5

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection
BK. W. ABUT.	49+14.34	-8.92	612.40	612.40
EXP. JT.	49+16.40	-8.92	612.41	612.41
BRG. W. ABUT.	49+17.86	-8.92	612.42	612.42
A	49+27.86	-8.92	612.47	612.51
B	49+37.86	-8.92	612.51	612.58
C	49+47.86	-8.92	612.54	612.62
D	49+57.86	-8.92	612.55	612.63
E	49+67.86	-8.92	612.55	612.61
F	49+77.86	-8.92	612.54	612.57
BRG. PIER 1	49+91.53	-8.92	612.51	612.51
G	50+01.53	-8.92	612.48	612.49
H	50+11.53	-8.92	612.43	612.48
I	50+21.53	-8.92	612.38	612.45
J	50+31.53	-8.92	612.31	612.39
K	50+41.53	-8.92	612.23	612.30
L	50+51.53	-8.92	612.13	612.19
BRG. E. ABUT.	50+65.20	-8.92	611.99	611.99
EXP. JT.	50+66.66	-8.92	611.97	611.97
BK. E. ABUT.	50+68.73	-8.92	611.95	611.95

BEAM 6

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection
BK. W. ABUT.	49+19.59	-2.83	612.55	612.55
EXP. JT.	49+21.66	-2.83	612.56	612.56
BRG. W. ABUT.	49+23.11	-2.83	612.57	612.57
A	49+33.11	-2.83	612.61	612.65
B	49+43.11	-2.83	612.65	612.72
C	49+53.11	-2.83	612.67	612.75
D	49+63.11	-2.83	612.67	612.75
E	49+73.11	-2.83	612.67	612.73
F	49+83.11	-2.83	612.66	612.68
BRG. PIER 1	49+96.79	-2.83	612.62	612.62
G	50+06.79	-2.83	612.58	612.59
H	50+16.79	-2.83	612.53	612.57
I	50+26.79	-2.83	612.46	612.53
J	50+36.79	-2.83	612.39	612.47
K	50+46.79	-2.83	612.30	612.38
L	50+56.79	-2.83	612.20	612.25
BRG. E. ABUT.	50+70.46	-2.83	612.05	612.05
EXP. JT.	50+71.92	-2.83	612.03	612.03
BK. E. ABUT.	50+73.98	-2.83	612.01	612.01

ROADWAY, P.G. & STAGE CONSTRUCTION JOINT

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection
BK. W. ABUT.	49+22.04	0.00	612.61	612.61
EXP. JT.	49+24.10	0.00	612.63	612.63
BRG. W. ABUT.	49+25.56	0.00	612.64	612.64
A	49+35.56	0.00	612.68	612.72
B	49+45.56	0.00	612.71	612.78
C	49+55.56	0.00	612.73	612.81
D	49+65.56	0.00	612.73	612.81
E	49+75.56	0.00	612.73	612.78
F	49+85.56	0.00	612.71	612.73
BRG. PIER 1	49+99.23	0.00	612.67	612.67
G	50+09.23	0.00	612.62	612.64
H	50+19.23	0.00	612.57	612.61
I	50+29.23	0.00	612.50	612.57
J	50+39.23	0.00	612.42	612.51
K	50+49.23	0.00	612.33	612.41
L	50+59.23	0.00	612.23	612.29
BRG. E. ABUT.	50+72.91	0.00	612.08	612.08
EXP. JT.	50+74.37	0.00	612.06	612.06
BK. E. ABUT.	50+76.43	0.00	612.03	612.03

BEAM 7

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection
BK. W. ABUT.	49+24.49	2.83	612.58	612.58
EXP. JT.	49+26.55	2.83	612.59	612.59
BRG. W. ABUT.	49+28.01	2.83	612.59	612.59
A	49+38.01	2.83	612.63	612.67
B	49+48.01	2.83	612.66	612.73
C	49+58.01	2.83	612.67	612.76
D	49+68.01	2.83	612.67	612.75
E	49+78.01	2.83	612.67	612.72
F	49+88.01	2.83	612.65	612.67
BRG. PIER 1	50+01.68	2.83	612.60	612.60
G	50+11.68	2.83	612.55	612.57
H	50+21.68	2.83	612.50	612.54
I	50+31.68	2.83	612.43	612.50
J	50+41.68	2.83	612.35	612.43
K	50+51.68	2.83	612.25	612.33
L	50+61.68	2.83	612.15	612.20
BRG. E. ABUT.	50+75.35	2.83	611.98	611.98
EXP. JT.	50+76.81	2.83	611.97	611.97
BK. E. ABUT.	50+78.88	2.83	611.94	611.94

BEAM 8

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection
BK. W. ABUT.	49+29.74	8.92	612.48	612.48
EXP. JT.	49+31.81	8.92	612.49	612.49
BRG. W. ABUT.	49+33.27	8.92	612.49	612.49
A	49+43.27	8.92	612.52	612.57
B	49+53.27	8.92	612.54	612.62
C	49+63.27	8.92	612.55	612.64
D	49+73.27	8.92	612.55	612.63
E	49+83.27	8.92	612.54	612.59
F	49+93.27	8.92	612.51	612.53
BRG. PIER 1	50+06.94	8.92	612.46	612.46
G	50+16.94	8.92	612.40	612.42
H	50+26.94	8.92	612.34	612.38
I	50+36.94	8.92	612.26	612.33
J	50+46.94	8.92	612.18	612.26
K	50+56.94	8.92	612.08	612.16
L	50+66.94	8.92	611.97	612.02
BRG. E. ABUT.	50+80.61	8.92	611.80	611.80
EXP. JT.	50+82.07	8.92	611.78	611.78
BK. E. ABUT.	50+84.13	8.92	611.76	611.76

DESIGNED - ASP
CHECKED - WSP
DRAWN - BEM
CHECKED - ASP

**DLZ** 85 W. Algonquin Rd. Ste. 220  
Arlington Heights IL 60005  
DLZ Illinois, Inc. (847)-640-0840

SHEET NO. 9 OF 42 SHEETS	F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	94	0101.8B	COOK	139	85
CONTRACT NO. 60C18					
ILLINOIS FED. AID PROJECT					

TOP OF SLAB ELEVATIONS II  
STRUCTURE NUMBER 016-0610