

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

☉ STRUCTURE & STAGE CONSTRUCTION JOINT

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection
Bk. N. Abut.	625+08.26	0.69	603.39	603.39
☉ Brg. N. Abut.	625+09.51	0.64	603.39	603.39
A	625+19.50	0.31	603.44	603.44
B	625+29.49	0.02	603.48	603.49
C	625+39.49	-0.21	603.53	603.53
☉ Pier 1	625+51.16	-0.43	603.60	603.60
D	625+61.16	-0.56	603.65	603.67
E	625+71.16	-0.65	603.71	603.75
F	625+81.17	-0.69	603.78	603.82
G	625+91.17	-0.68	603.84	603.89
H	626+01.17	-0.62	603.91	603.94
I	626+11.17	-0.51	603.98	603.99
☉ Pier 2	626+16.84	-0.43	604.02	604.02
J	626+26.84	-0.25	604.10	604.10
K	626+36.84	-0.02	604.18	604.18
L	626+46.84	0.26	604.26	604.27
☉ Brg. S. Abut.	626+58.49	0.64	604.36	604.36
Bk. S. Abut.	626+59.74	0.69	604.37	604.37

BEAM 4

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection
Bk. N. Abut.	625+08.38	4.15	603.59	603.59
☉ Brg. N. Abut.	625+09.63	4.10	603.60	603.60
A	625+19.61	3.77	603.64	603.65
B	625+29.59	3.48	603.69	603.70
C	625+39.57	3.24	603.74	603.74
☉ Pier 1	625+51.21	3.03	603.80	603.80
D	625+61.20	2.90	603.86	603.88
E	625+71.18	2.81	603.92	603.96
F	625+81.17	2.77	603.98	604.03
G	625+91.16	2.78	604.05	604.09
H	626+01.14	2.84	604.12	604.15
I	626+11.13	2.95	604.19	604.20
☉ Pier 2	626+16.79	3.03	604.23	604.23
J	626+26.77	3.21	604.31	604.31
K	626+36.75	3.44	604.39	604.39
L	626+46.73	3.72	604.47	604.47
☉ Brg. S. Abut.	626+58.37	4.10	604.57	604.57
Bk. S. Abut.	626+59.62	4.15	604.58	604.58

BEAM 5

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection
Bk. N. Abut.	625+08.63	11.06	604.01	604.01
☉ Brg. N. Abut.	625+09.88	11.01	604.01	604.01
A	625+19.82	10.68	604.06	604.07
B	625+29.77	10.40	604.11	604.11
C	625+39.71	10.16	604.16	604.16
☉ Pier 1	625+51.32	9.94	604.22	604.22
D	625+61.27	9.81	604.28	604.29
E	625+71.23	9.73	604.34	604.37
F	625+81.18	9.69	604.40	604.45
G	625+91.13	9.70	604.46	604.51
H	626+01.09	9.76	604.53	604.56
I	626+11.04	9.86	604.60	604.61
☉ Pier 2	626+16.68	9.94	604.65	604.65
J	626+26.63	10.13	604.72	604.72
K	626+36.58	10.35	604.80	604.80
L	626+46.52	10.63	604.88	604.89
☉ Brg. S. Abut.	626+58.12	11.01	604.98	604.98
Bk. S. Abut.	626+59.37	11.06	604.99	604.99

BEAM 6

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection
Bk. N. Abut.	625+08.88	17.97	604.43	604.43
☉ Brg. N. Abut.	625+10.12	17.92	604.43	604.43
A	625+20.03	17.59	604.48	604.48
B	625+29.94	17.31	604.52	604.53
C	625+39.86	17.08	604.57	604.57
☉ Pier 1	625+51.43	16.86	604.64	604.64
D	625+61.35	16.73	604.69	604.71
E	625+71.27	16.64	604.75	604.79
F	625+81.19	16.61	604.81	604.86
G	625+91.11	16.62	604.88	604.92
H	626+01.03	16.67	604.95	604.98
I	626+10.95	16.78	605.02	605.03
☉ Pier 2	626+16.57	16.86	605.06	605.06
J	626+26.49	17.04	605.13	605.13
K	626+36.40	17.27	605.21	605.22
L	626+46.32	17.54	605.29	605.30
☉ Brg. S. Abut.	626+57.88	17.92	605.39	605.39
Bk. S. Abut.	626+59.12	17.97	605.40	605.40



Zroka Engineering, P.C.
4216 North Hermitage
Chicago, IL 60613

DESIGNED	LAS
CHECKED	JLA
DRAWN	SAW
CHECKED	LAS

TOP OF SLAB ELEVATIONS 3
STRUCTURE NO. 053-0189

SHEET NO. 6 OF 26 SHEETS	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	68	(102)BR-1	LIVINGSTON	58	17
		SN 053-0189	CONTRACT NO. 66822		
FED. ROAD DIST. NO. _ ILLINOIS FED. AID PROJECT					

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