

STAGE IA CONSTRUCTION JOINT

Location	Station	Offset from Centerline	Theoretical Grade Elevations (1)	Elevations as Surveyed	Adjusted Theoretical Grade Elevations (2)
Bk. W. Abut.	19+72.88	15.000	610.26	610.28	610.28
☉ W. Abut.	19+74.20	15.000	610.22		610.25
A	19+84.20	15.000	609.95		609.96
B	19+94.20	15.000	609.69	609.65	609.68
C	20+04.20	15.000	609.44		609.41
D	20+14.20	15.000	609.20	609.17	609.15
Pier 1	20+24.62	15.000	608.95	608.91	608.91
E	20+34.62	15.000	608.73		608.69
F	20+44.62	15.000	608.51	608.49	608.48
G	20+54.62	15.000	608.30		608.27
H	20+64.62	15.000	608.11	608.08	608.08
I	20+74.62	15.000	607.92		607.89
Pier 2	20+83.30	15.000	607.76	607.74	607.74
J	20+93.30	15.000	607.59		607.58
K	21+03.30	15.000	607.43	607.41	607.42
L	21+13.30	15.000	607.27		607.28
M	21+23.30	15.000	607.13	607.13	607.15
☉ E. Abut.	21+33.60	15.000	606.99		607.02
Bk. E. Abut.	21+34.92	15.000	606.97	607.00	607.00

BEAM 7

Location	Station	Offset from Centerline	Theoretical Grade Elevations (1)	Adjusted Theoretical Grade Elevations (2)	Theoretical Grade Elevations Adjusted For Dead Load Deflection
Bk. W. Abut.	19+74.13	18.661	610.15	610.17	610.17
☉ W. Abut.	19+75.45	18.661	610.11	610.14	610.14
A	19+85.45	18.653	609.84	609.85	609.87
B	19+95.45	18.646	609.58	609.57	609.61
C	20+05.45	18.638	609.33	609.30	609.34
D	20+15.44	18.631	609.09	609.04	609.06
Pier 1	20+25.86	18.623	608.85	608.81	608.81
E	20+35.86	18.616	608.62	608.58	608.59
F	20+45.86	18.608	608.41	608.38	608.41
G	20+55.85	18.601	608.21	608.18	608.23
H	20+65.85	18.594	608.01	607.98	608.00
I	20+75.85	18.586	607.82	607.79	607.80
Pier 2	20+84.53	18.580	607.67	607.65	607.65
J	20+94.52	18.572	607.50	607.49	607.51
K	21+04.52	18.565	607.33	607.32	607.36
L	21+14.52	18.558	607.18	607.19	607.23
M	21+24.52	18.550	607.04	607.06	607.08
☉ E. Abut.	21+34.81	18.543	606.90	606.93	606.93
Bk. E. Abut.	21+36.13	18.542	606.88	606.91	606.91

BEAM 8

Location	Station	Offset from Centerline	Theoretical Grade Elevations (1)	Adjusted Theoretical Grade Elevations (2)	Theoretical Grade Elevations Adjusted For Dead Load Deflection
Bk. W. Abut.	19+76.35	25.130	609.95	609.97	609.97
☉ W. Abut.	19+77.67	25.130	609.92	609.95	609.95
A	19+87.66	25.125	609.65	609.66	609.68
B	19+97.66	25.120	609.39	609.38	609.42
C	20+07.66	25.115	609.14	609.11	609.15
D	20+17.66	25.111	608.90	608.85	608.87
Pier 1	20+28.08	25.106	608.66	608.62	608.62
E	20+38.08	25.101	608.44	608.40	608.41
F	20+48.07	25.096	608.23	608.20	608.23
G	20+58.07	25.091	608.03	608.00	608.05
H	20+68.07	25.086	607.83	607.80	607.82
I	20+78.07	25.081	607.65	607.62	607.63
Pier 2	20+86.75	25.077	607.49	607.47	607.47
J	20+96.75	25.072	607.32	607.31	607.33
K	21+06.74	25.068	607.16	607.15	607.19
L	21+16.74	25.063	607.01	607.02	607.06
M	21+26.74	25.058	606.87	606.89	606.91
☉ E. Abut.	21+37.04	25.053	606.74	606.77	606.77
Bk. E. Abut.	21+38.36	25.052	606.72	606.75	606.75

BEAM 9

Location	Station	Offset from Centerline	Theoretical Grade Elevations (1)	Adjusted Theoretical Grade Elevations (2)	Theoretical Grade Elevations Adjusted For Dead Load Deflection
Bk. W. Abut.	19+78.57	31.636	609.76	609.78	609.78
☉ W. Abut.	19+79.89	31.636	609.72	609.75	609.75
A	19+89.89	31.634	609.46	609.47	609.49
B	19+99.89	31.632	609.20	609.19	609.23
C	20+09.89	31.629	608.95	608.92	608.96
D	20+19.89	31.627	608.72	608.67	608.69
Pier 1	20+30.31	31.625	608.48	608.44	608.44
E	20+40.31	31.623	608.26	608.22	608.23
F	20+50.31	31.620	608.05	608.02	608.05
G	20+60.31	31.618	607.85	607.82	607.87
H	20+70.30	31.616	607.65	607.62	607.64
I	20+80.30	31.614	607.47	607.44	607.45
Pier 2	20+88.98	31.612	607.32	607.30	607.30
J	20+98.98	31.609	607.15	607.14	607.16
K	21+08.98	31.607	606.99	606.98	607.02
L	21+18.98	31.605	606.84	606.85	606.89
M	21+28.98	31.603	606.71	606.73	606.75
☉ E. Abut.	21+39.28	31.600	606.57	606.60	606.60
Bk. E. Abut.	21+40.60	31.600	606.55	606.58	606.58

BEAM 10

Location	Station	Offset from Centerline	Theoretical Grade Elevations (1)	Adjusted Theoretical Grade Elevations (2)	Theoretical Grade Elevations Adjusted For Dead Load Deflection
Bk. W. Abut.	19+80.78	38.083	609.56	609.58	609.58
☉ W. Abut.	19+82.10	38.083	609.53	609.56	609.56
A	19+92.10	38.083	609.26	609.27	609.29
B	20+02.10	38.083	609.01	609.00	609.04
C	20+12.10	38.083	608.77	608.74	608.78
D	20+22.10	38.083	608.53	608.48	608.50
Pier 1	20+32.52	38.083	608.29	608.25	608.25
E	20+42.52	38.083	608.08	608.04	608.05
F	20+52.52	38.083	607.87	607.84	607.87
G	20+62.52	38.083	607.67	607.64	607.69
H	20+72.52	38.083	607.48	607.45	607.47
I	20+82.52	38.083	607.30	607.27	607.28
Pier 2	20+91.20	38.083	607.14	607.12	607.12
J	21+01.20	38.083	606.98	606.97	606.99
K	21+11.20	38.083	606.82	606.81	606.85
L	21+21.20	38.083	606.68	606.69	606.73
M	21+31.20	38.083	606.54	606.56	606.58
☉ E. Abut.	21+41.50	38.083	606.41	606.44	606.44
Bk. E. Abut.	21+42.82	38.083	606.39	606.42	606.42

Notes:
 (1) From Roadway PGL
 (2) Adjusted to approximate "as built" deck elevations based on deck as surveyed 10/7/2010.

COMPANY NAME: SEC GROUP, INC.
 PROJECT CONTACT: Robert G. Davies
 CLIENT: ILLINOIS DEPARTMENT OF TRANSPORTATION
 DATE PLOTTED: 10/14/2011 11:08:51 AM
 FILE NAME: 0470051-Tse05.dgn
 PLOT DRIVER: pdfcut
 PEN TABLE: Struct 22x34.tbl



PB Americas, Inc.
 230 WEST MONROE STREET,
 SUITE 900
 CHICAGO, IL. 60606

USER NAME = whood	DESIGNED - MGH	REVISED -
PLOT SCALE =	CHECKED - SSM	REVISED -
PLOT DATE = 10/14/2011	DRAWN - WJH	REVISED -
	CHECKED - RGD	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TOP OF SLAB ELEVATIONS
STRUCTURE NO. 047-0051
 SHEET NO. S-9 OF S-43 SHEETS

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
591	14BR-1	KENDALL	429	259
			CONTRACT NO. 66985	
ILLINOIS FED. AID PROJECT				