STAGE I CONSTRUCTION JOINT

Location	Station	Offset from Centerline	Theoretical Grade Elevations (1)	Elevations as Surveyed	Adjusted Theoretical Grade Elevations (2)
Bk. W. Abut.	19+62.62	-15.000	610.55	610.52	610.52
℄ W. Abut.	19+63.94	-15.000	610.51		610.48
A	19+73.94	-15.000	610.23		610.20
B	19+83.94	-15.000	609.96	609.94	609.93
C	19+93.94	-15.000	609.70		609.67
D	20+03.94	-15.000	609.45	609.41	609.41
Pier 1	20+14.36	-15.000	609.19	609.16	609.16
E	20+24.36	-15.000	608.96		608.94
F	20+34.36	-15.000	608.73	608.72	608.72
G	20+44.36	-15.000	608.52		608.50
H	20+54.36	-15.000	608.31	608.31	608.30
I	20+64.36	-15.000	608.11		608.12
Pier 2	20+73.04	-15.000	607.95	607.95	607.95
J	20+83.04	-15.000	607.77		607.77
K	20+93.04	-15.000	607.59	607.62	607.62
L	21+03.04	-15.000	607.43		607.46
M	21+13.04	-15.000	607.28	607.33	607.32
℄ E. Abut.	21+23.34	-15.000	607.13		607.18
Bk. E. Abut.	21+24.66	-15.000	607.11	607.16	607.16

WESTBOUND PGL

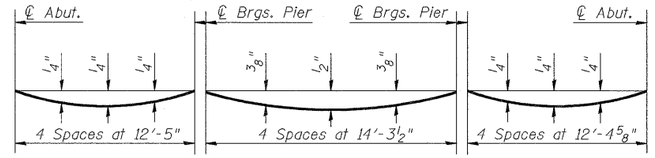
Location	Station	Offset from Centerline	Theoretical Grade Elevations (1)	Adjusted Theoretical Grade Elevations (2)
Bk. W. Abut.	19+66.72	-3.000	610.64	610.64
℄ W. Abut.	19+68.04	-3.000	610.60	610.60
A	19+78.04	-3.000	610.33	610.35
B	19+88.04	-3.000	610.06	610.10
C	19+98.04	-3.000	609.80	609.84
D	20+08.04	-3.000	609.55	609.57
Pier 1	20+18.46	-3.000	609.30	609.30
E	20+28.46	-3.000	609.07	609.08
F	20+38.46	-3.000	608.85	608.88
G	20+48.46	-3.000	608.64	608.69
H	20+58.46	-3.000	608.44	608.46
I	20+68.46	-3.000	608.24	608.25
Pier 2	20+77.14	-3.000	608.08	608.08
J	20+87.14	-3.000	607.90	607.92
K	20+97.14	-3.000	607.74	607.78
L	21+07.14	-3.000	607.58	607.62
M	21+17.14	-3.000	607.43	607.45
℄ E. Abut.	21+27.44	-3.000	607.28	607.28
Bk. E. Abut.	21+28.76	-3.000	607.26	607.26

CENTERLINE

Location	Station	Offset from Centerline	Theoretical Grade Elevations (1)	Elevations as Surveyed
Bk. W. Abut.	19+67.75	0.000	610.66	610.67
℄ W. Abut.	19+69.07	0.000	610.62	
A	19+79.07	0.000	610.35	
B	19+89.07	0.000	610.08	610.07
C	19+99.07	0.000	609.83	
D	20+09.07	0.000	609.58	609.57
Pier 1	20+19.49	0.000	609.33	609.30
E	20+29.49	0.000	609.10	
F	20+39.49	0.000	608.88	608.86
G	20+49.49	0.000	608.67	
H	20+59.49	0.000	608.47	608.42
I	20+69.49	0.000	608.27	
Pier 2	20+78.17	0.000	608.11	608.09
J	20+88.17	0.000	607.94	
K	20+98.17	0.000	607.77	607.79
L	21+08.17	0.000	607.61	
M	21+18.17	0.000	607.46	607.48
℄ E. Abut.	21+28.47	0.000	607.32	
Bk. E. Abut.	21+29.79	0.000	607.30	607.30

EASTBOUND PGL

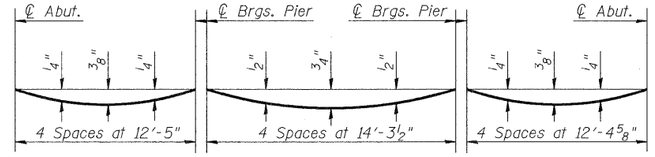
Location	Station	Offset from Centerline	Theoretical Grade Elevations (1)	Adjusted Theoretical Grade Elevations (2)
Bk. W. Abut.	19+68.78	3.000	610.58	610.58
℄ W. Abut.	19+70.10	3.000	610.54	610.54
A	19+80.10	3.000	610.27	610.29
B	19+90.10	3.000	610.01	610.05
C	20+00.10	3.000	609.75	609.79
D	20+10.10	3.000	609.50	609.52
Pier 1	20+20.52	3.000	609.26	609.26
E	20+30.52	3.000	609.03	609.04
F	20+40.52	3.000	608.81	608.84
G	20+50.52	3.000	608.60	608.65
H	20+60.52	3.000	608.40	608.42
I	20+70.52	3.000	608.20	608.21
Pier 2	20+79.20	3.000	608.04	608.04
J	20+89.20	3.000	607.87	607.89
K	20+99.20	3.000	607.70	607.74
L	21+09.20	3.000	607.54	607.58
M	21+19.20	3.000	607.40	607.42
℄ E. Abut.	21+29.50	3.000	607.25	607.25
Bk. E. Abut.	21+30.82	3.000	607.23	607.23



STAGE I DEAD LOAD DEFLECTION DIAGRAM

(Includes weight of concrete, excluding beams).

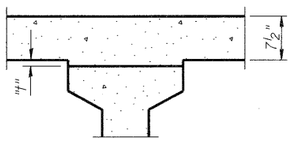
Note:
The above deflections are not to be used in the field if the engineer is working from the grade elevations adjusted for dead load deflections as shown below.



STAGE IA DEAD LOAD DEFLECTION DIAGRAM

(Includes weight of concrete, excluding beams).

Note:
The above deflections are not to be used in the field if the engineer is working from the grade elevations adjusted for dead load deflections as shown below.



To determine "t": After all precast prestressed beams have been erected, elevations of the top flanges of the beams shall be taken at intervals shown below. These elevations subtracted from the "Theoretical Grade Elevations Adjusted for Dead Load Deflections" shown below, minus slab thickness, equals the fillet heights "t" above top flanges of beams.

FILLET HEIGHTS

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

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

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TOP OF SLAB ELEVATIONS
STRUCTURE NO. 047-0051
SHEET NO. S-8 OF S-43 SHEETS

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
591	14BR-1	KENDALL	429	258
		CONTRACT NO. 66985		
	ILLINOIS	FED. AID PROJECT		

COMPANY NAME: SEC GROUP INC.
PROJECT CONTACT: ROBERT GRIMES
CLIENT: ILLINOIS DEPARTMENT OF TRANSPORTATION
DATE PLOTTED: 10/14/2011 11:08:45 AM
FILE NAME: 047051-Tse04.dgn
PLOT DRIVER: pdf.pltPEN TABLES: Struct 22x34.tbl