

BEAM G

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection
Bk. W. Abut.	14+39.74	28.13 Lt.	592.65	592.65
⊕ Brg. W. Abut.	14+42.25	28.13 Lt.	592.73	592.73
1	14+52.25	28.13 Lt.	593.03	593.05
2	14+62.25	28.13 Lt.	593.34	593.35
3	14+72.25	28.13 Lt.	593.63	593.65
4	14+82.25	28.13 Lt.	593.93	593.94
5	14+92.25	28.13 Lt.	594.22	594.22
⊕ Brg. Pier 1	14+99.75	28.13 Lt.	594.43	594.43
6	15+09.75	28.13 Lt.	594.71	594.72
7	15+19.75	28.13 Lt.	594.99	595.00
8	15+29.75	28.13 Lt.	595.26	595.28
9	15+39.75	28.13 Lt.	595.53	595.55
10	15+49.75	28.13 Lt.	595.79	595.81
11	15+59.75	28.13 Lt.	596.05	596.06
⊕ Brg. Pier 2	15+71.25	28.13 Lt.	596.34	596.34
12	15+81.25	28.13 Lt.	596.59	596.60
13	15+91.25	28.13 Lt.	596.84	596.85
14	16+01.25	28.13 Lt.	597.08	597.10
15	16+11.25	28.13 Lt.	597.32	597.33
16	16+21.25	28.13 Lt.	597.55	597.56
17	16+31.25	28.13 Lt.	597.77	597.78
⊕ Brg. Pier 3	16+42.75	28.13 Lt.	598.03	598.03
18	16+52.75	28.13 Lt.	598.25	598.25
19	16+62.75	28.13 Lt.	598.46	598.47
20	16+72.75	28.13 Lt.	598.67	598.69
21	16+82.75	28.13 Lt.	598.87	598.89
22	16+92.75	28.13 Lt.	599.07	599.08
⊕ Brg. E. Abut.	17+00.25	28.13 Lt.	599.22	599.22
Bk. E. Abut.	17+02.75	28.13 Lt.	599.27	599.27

BEAM H

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection
Bk. W. Abut.	14+39.74	21.88 Lt.	592.76	592.76
⊕ Brg. W. Abut.	14+42.25	21.88 Lt.	592.83	592.83
1	14+52.25	21.88 Lt.	593.14	593.15
2	14+62.25	21.88 Lt.	593.44	593.46
3	14+72.25	21.88 Lt.	593.74	593.76
4	14+82.25	21.88 Lt.	594.04	594.05
5	14+92.25	21.88 Lt.	594.32	594.33
⊕ Brg. Pier 1	14+99.75	21.88 Lt.	594.54	594.54
6	15+09.75	21.88 Lt.	594.82	594.82
7	15+19.75	21.88 Lt.	595.10	595.11
8	15+29.75	21.88 Lt.	595.37	595.39
9	15+39.75	21.88 Lt.	595.64	595.66
10	15+49.75	21.88 Lt.	595.90	595.91
11	15+59.75	21.88 Lt.	596.16	596.16
⊕ Brg. Pier 2	15+71.25	21.88 Lt.	596.45	596.45
12	15+81.25	21.88 Lt.	596.70	596.71
13	15+91.25	21.88 Lt.	596.95	596.96
14	16+01.25	21.88 Lt.	597.19	597.20
15	16+11.25	21.88 Lt.	597.42	597.44
16	16+21.25	21.88 Lt.	597.65	597.67
17	16+31.25	21.88 Lt.	597.88	597.89
⊕ Brg. Pier 3	16+42.75	21.88 Lt.	598.14	598.14
18	16+52.75	21.88 Lt.	598.35	598.36
19	16+62.75	21.88 Lt.	598.57	598.58
20	16+72.75	21.88 Lt.	598.78	598.79
21	16+82.75	21.88 Lt.	598.98	599.00
22	16+92.75	21.88 Lt.	599.18	599.19
⊕ Brg. E. Abut.	17+00.25	21.88 Lt.	599.33	599.33
Bk. E. Abut.	17+02.75	21.88 Lt.	599.38	599.38

BEAM A

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection
Bk. W. Abut.	14+39.74	15.63 Lt.	592.85	592.85
⊕ Brg. W. Abut.	14+42.25	15.63 Lt.	592.93	592.93
1	14+52.25	15.63 Lt.	593.24	593.25
2	14+62.25	15.63 Lt.	593.54	593.56
3	14+72.25	15.63 Lt.	593.84	593.86
4	14+82.25	15.63 Lt.	594.13	594.14
5	14+92.25	15.63 Lt.	594.42	594.42
⊕ Brg. Pier 1	14+99.75	15.63 Lt.	594.64	594.64
6	15+09.75	15.63 Lt.	594.92	594.92
7	15+19.75	15.63 Lt.	595.19	595.21
8	15+29.75	15.63 Lt.	595.47	595.49
9	15+39.75	15.63 Lt.	595.73	595.76
10	15+49.75	15.63 Lt.	596.00	596.01
11	15+59.75	15.63 Lt.	596.26	596.26
⊕ Brg. Pier 2	15+71.25	15.63 Lt.	596.55	596.55
12	15+81.25	15.63 Lt.	596.80	596.80
13	15+91.25	15.63 Lt.	597.04	597.06
14	16+01.25	15.63 Lt.	597.28	597.30
15	16+11.25	15.63 Lt.	597.52	597.54
16	16+21.25	15.63 Lt.	597.75	597.77
17	16+31.25	15.63 Lt.	597.98	597.99
⊕ Brg. Pier 3	16+42.75	15.63 Lt.	598.23	598.23
18	16+52.75	15.63 Lt.	598.45	598.46
19	16+62.75	15.63 Lt.	598.67	598.68
20	16+72.75	15.63 Lt.	598.87	598.89
21	16+82.75	15.63 Lt.	599.08	599.10
22	16+92.75	15.63 Lt.	599.28	599.29
⊕ Brg. E. Abut.	17+00.25	15.63 Lt.	599.42	599.42
Bk. E. Abut.	17+02.75	15.63 Lt.	599.47	599.47

BEAM B

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection
Bk. W. Abut.	14+39.74	9.38 Lt.	592.95	592.95
⊕ Brg. W. Abut.	14+42.25	9.38 Lt.	593.03	593.03
1	14+52.25	9.38 Lt.	593.34	593.35
2	14+62.25	9.38 Lt.	593.64	593.66
3	14+72.25	9.38 Lt.	593.94	593.96
4	14+82.25	9.38 Lt.	594.23	594.24
5	14+92.25	9.38 Lt.	594.52	594.52
⊕ Brg. Pier 1	14+99.75	9.38 Lt.	594.73	594.73
6	15+09.75	9.38 Lt.	595.01	595.02
7	15+19.75	9.38 Lt.	595.29	595.31
8	15+29.75	9.38 Lt.	595.56	595.58
9	15+39.75	9.38 Lt.	595.83	595.85
10	15+49.75	9.38 Lt.	596.10	596.11
11	15+59.75	9.38 Lt.	596.35	596.36
⊕ Brg. Pier 2	15+71.25	9.38 Lt.	596.65	596.65
12	15+81.25	9.38 Lt.	596.90	596.90
13	15+91.25	9.38 Lt.	597.14	597.16
14	16+01.25	9.38 Lt.	597.38	597.40
15	16+11.25	9.38 Lt.	597.62	597.64
16	16+21.25	9.38 Lt.	597.85	597.86
17	16+31.25	9.38 Lt.	598.08	598.08
⊕ Brg. Pier 3	16+42.75	9.38 Lt.	598.33	598.33
18	16+52.75	9.38 Lt.	598.55	598.55
19	16+62.75	9.38 Lt.	598.76	598.78
20	16+72.75	9.38 Lt.	598.97	598.99
21	16+82.75	9.38 Lt.	599.18	599.19
22	16+92.75	9.38 Lt.	599.38	599.39
⊕ Brg. E. Abut.	17+00.25	9.38 Lt.	599.52	599.52
Bk. E. Abut.	17+02.75	9.38 Lt.	599.57	599.57

BEAM C

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection
Bk. W. Abut.	14+39.74	3.13 Lt.	593.05	593.05
⊕ Brg. W. Abut.	14+42.25	3.13 Lt.	593.13	593.13
1	14+52.25	3.13 Lt.	593.43	593.45
2	14+62.25	3.13 Lt.	593.74	593.76
3	14+72.25	3.13 Lt.	594.03	594.05
4	14+82.25	3.13 Lt.	594.33	594.34
5	14+92.25	3.13 Lt.	594.62	594.62
⊕ Brg. Pier 1	14+99.75	3.13 Lt.	594.83	594.83
6	15+09.75	3.13 Lt.	595.11	595.12
7	15+19.75	3.13 Lt.	595.39	595.40
8	15+29.75	3.13 Lt.	595.66	595.68
9	15+39.75	3.13 Lt.	595.93	595.95
10	15+49.75	3.13 Lt.	596.19	596.21
11	15+59.75	3.13 Lt.	596.45	596.46
⊕ Brg. Pier 2	15+71.25	3.13 Lt.	596.74	596.74
12	15+81.25	3.13 Lt.	596.99	597.00
13	15+91.25	3.13 Lt.	597.24	597.25
14	16+01.25	3.13 Lt.	597.48	597.50
15	16+11.25	3.13 Lt.	597.72	597.74
16	16+21.25	3.13 Lt.	597.95	597.96
17	16+31.25	3.13 Lt.	598.17	598.18
⊕ Brg. Pier 3	16+42.75	3.13 Lt.	598.43	598.43
18	16+52.75	3.13 Lt.	598.65	598.65
19	16+62.75	3.13 Lt.	598.86	598.87
20	16+72.75	3.13 Lt.	599.07	599.09
21	16+82.75	3.13 Lt.	599.27	599.29
22	16+92.75	3.13 Lt.	599.47	599.48
⊕ Brg. E. Abut.	17+00.25	3.13 Lt.	599.62	599.62
Bk. E. Abut.	17+02.75	3.13 Lt.	599.67	599.67

⊕ BLACK ROAD, P.G.L., & STAGE CONST. JT.

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection
Bk. W. Abut.	14+39.74	0.00	593.10	593.10
⊕ Brg. W. Abut.	14+42.25	0.00	593.18	593.18
1	14+52.25	0.00	593.48	593.50
2	14+62.25	0.00	593.79	593.80
3	14+72.25	0.00	594.08	594.10
4	14+82.25	0.00	594.38	594.39
5	14+92.25	0.00	594.67	594.67
⊕ Brg. Pier 1	14+99.75	0.00	594.88	594.88
6	15+09.75	0.00	595.16	595.17
7	15+19.75	0.00	595.44	595.45
8	15+29.75	0.00	595.71	595.73
9	15+39.75	0.00	595.98	596.00
10	15+49.75	0.00	596.24	596.26
11	15+59.75	0.00	596.50	596.51
⊕ Brg. Pier 2	15+71.25	0.00	596.79	596.79
12	15+81.25	0.00	597.04	597.05
13	15+91.25	0.00	597.29	597.30
14	16+01.25	0.00	597.53	597.55
15	16+11.25	0.00	597.76	597.79
16	16+21.25	0.00	598.00	598.01
17	16+31.25	0.00	598.22	598.23
⊕ Brg. Pier 3	16+42.75	0.00	598.48	598.48
18	16+52.75	0.00	598.70	598.70
19	16+62.75	0.00	598.91	598.92
20	16+72.75	0.00	599.12	599.14
21	16+82.75	0.00	599.32	599.34
22	16+92.75	0.00	599.52	599.53
⊕ Brg. E. Abut.	17+00.25	0.00	599.67	599.67
Bk. E. Abut.	17+02.75	0.00	599.72	599.72

Note:
Work this sheet with Sheet S-6.

N:\PROJ\02024408_020\Design\Structural\CAD\099-3031\02024408_07_Top of Slab Elev 2.dgn



USER NAME = rdenley	DESIGNED - MHT	REVISED -
	CHECKED - SMY	REVISED -
PLOT SCALE = 0:1.0000 1/1 in.	DRAWN - SRG	REVISED -
PLOT DATE = 1/26/2013	CHECKED - BWS	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TOP OF SLAB ELEVATIONS - 2
STRUCTURE NO. 099-3031

SHEET NO. S-7 OF S-24 SHEETS

F.A.J. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
298	04-00069-18-BR	WILL	51	28
CONTRACT NO. 63803				
ILLINOIS FED. AID PROJECT				