

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET	SHEET NO. 54 313 SHEETS
F.A.I. 39	50-4B	LASALLE		76	
FED. ROAD DIST. NO. 7	ILLINOIS	FED. AID PROJECT			

Contract # 66586

**SB PGL**

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevation Adjusted For Dead Load Deflection
⊕ Brg. Pier 17	834+60.92	-7.708	533.961	533.961
2	834+70.92	-7.708	533.914	533.974
3	834+80.92	-7.708	533.868	533.980
4	834+90.92	-7.708	533.822	533.980
5	835+00.92	-7.708	533.776	533.964
6	835+10.92	-7.708	533.729	533.934
7	835+20.92	-7.708	533.683	533.894
8	835+30.92	-7.708	533.637	533.838
9	835+40.92	-7.708	533.591	533.770
10	835+50.92	-7.708	533.545	533.694
11	835+60.92	-7.708	533.498	533.612
12	835+70.92	-7.708	533.452	533.531
13	835+80.92	-7.708	533.406	533.454
14	835+90.92	-7.708	533.360	533.380
⊕ Pier 18	836+05.00	-7.708	533.294	533.294
16	836+15.00	-7.708	533.248	533.254
17	836+25.00	-7.708	533.202	533.220
18	836+35.00	-7.708	533.156	533.194
19	836+45.00	-7.708	533.110	533.174
20	836+55.00	-7.708	533.063	533.156
21	836+65.00	-7.708	533.017	533.136
22	836+75.00	-7.708	532.971	533.111
23	836+85.00	-7.708	532.925	533.079
24	836+95.00	-7.708	532.878	533.035
25	837+05.00	-7.708	532.832	532.985
26	837+15.00	-7.708	532.786	532.920
27	837+25.00	-7.708	532.740	532.849
28	837+35.00	-7.708	532.693	532.772
29	837+45.00	-7.708	532.647	532.697
30	837+55.00	-7.708	532.601	532.623
31	837+65.00	-7.708	532.555	532.562
⊕ Pier 19	837+70.00	-7.708	532.532	532.532
33	837+80.00	-7.708	532.485	532.492
34	837+90.00	-7.708	532.439	532.457
35	838+00.00	-7.708	532.393	532.432
36	838+10.00	-7.708	532.347	532.409
37	838+20.00	-7.708	532.300	532.385
38	838+30.00	-7.708	532.254	532.356
39	838+40.00	-7.708	532.208	532.321
40	838+50.00	-7.708	532.162	532.278
41	838+60.00	-7.708	532.115	532.225
42	838+70.00	-7.708	532.069	532.167
43	838+80.00	-7.708	532.023	532.101
44	838+90.00	-7.708	531.977	532.033
45	839+00.00	-7.708	531.930	531.964

**SB PGL (CONT'D)**

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevation Adjusted For Dead Load Deflection
46	839+10.00	-7.708	531.884	531.900
47	839+20.00	-7.708	531.838	531.840
48	839+30.00	-7.708	531.792	531.792
⊕ Pier 20	839+35.00	-7.708	531.769	531.769
50	839+45.00	-7.708	531.722	531.741
51	839+55.00	-7.708	531.676	531.721
52	839+65.00	-7.708	531.630	531.707
53	839+75.00	-7.708	531.584	531.699
54	839+85.00	-7.708	531.537	531.690
55	839+95.00	-7.708	531.491	531.679
56	840+05.00	-7.708	531.445	531.658
57	840+15.00	-7.708	531.399	531.624
58	840+25.00	-7.708	531.352	531.578
59	840+35.00	-7.708	531.306	531.520
60	840+45.00	-7.708	531.260	531.442
61	840+55.00	-7.708	531.214	531.354
62	840+65.00	-7.708	531.167	531.256
⊕ Brg. Pier 21	840+79.08	-7.708	531.102	531.102

**GIRDER 5**

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevation Adjusted For Dead Load Deflection
⊕ Brg. Pier 17	834+60.92	-3.208	534.051	534.051
2	834+70.92	-3.208	534.004	534.056
3	834+80.92	-3.208	533.958	534.056
4	834+90.92	-3.208	533.912	534.050
5	835+00.92	-3.208	533.866	534.030
6	835+10.92	-3.208	533.819	533.998
7	835+20.92	-3.208	533.773	533.957
8	835+30.92	-3.208	533.727	533.903
9	835+40.92	-3.208	533.681	533.837
10	835+50.92	-3.208	533.635	533.766
11	835+60.92	-3.208	533.588	533.688
12	835+70.92	-3.208	533.542	533.612
13	835+80.92	-3.208	533.496	533.538
14	835+90.92	-3.208	533.450	533.467
⊕ Pier 18	836+05.00	-3.208	533.384	533.384
16	836+15.00	-3.208	533.338	533.344
17	836+25.00	-3.208	533.292	533.307
18	836+35.00	-3.208	533.246	533.280
19	836+45.00	-3.208	533.200	533.256
20	836+55.00	-3.208	533.153	533.234
21	836+65.00	-3.208	533.107	533.211
22	836+75.00	-3.208	533.061	533.184
23	836+85.00	-3.208	533.015	533.150
24	836+95.00	-3.208	532.968	533.105
25	837+05.00	-3.208	532.922	533.056
26	837+15.00	-3.208	532.876	532.993
27	837+25.00	-3.208	532.830	532.925
28	837+35.00	-3.208	532.783	532.852
29	837+45.00	-3.208	532.737	532.780
30	837+55.00	-3.208	532.691	532.710
31	837+65.00	-3.208	532.645	532.651
⊕ Pier 19	837+70.00	-3.208	532.622	532.622
33	837+80.00	-3.208	532.575	532.581
34	837+90.00	-3.208	532.529	532.545
35	838+00.00	-3.208	532.483	532.518
36	838+10.00	-3.208	532.437	532.491
37	838+20.00	-3.208	532.390	532.465
38	838+30.00	-3.208	532.344	532.434
39	838+40.00	-3.208	532.298	532.397
40	838+50.00	-3.208	532.252	532.354
41	838+60.00	-3.208	532.205	532.302
42	838+70.00	-3.208	532.159	532.246
43	838+80.00	-3.208	532.113	532.181
44	838+90.00	-3.208	532.067	532.116
45	839+00.00	-3.208	532.020	532.050

**GIRDER 5 (CONT'D)**

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevation Adjusted For Dead Load Deflection
46	839+10.00	-3.208	531.974	531.989
47	839+20.00	-3.208	531.928	531.930
48	839+30.00	-3.208	531.882	531.882
⊕ Pier 20	839+35.00	-3.208	531.859	531.859
50	839+45.00	-3.208	531.812	531.829
51	839+55.00	-3.208	531.766	531.805
52	839+65.00	-3.208	531.720	531.787
53	839+75.00	-3.208	531.674	531.774
54	839+85.00	-3.208	531.627	531.761
55	839+95.00	-3.208	531.581	531.745
56	840+05.00	-3.208	531.535	531.721
57	840+15.00	-3.208	531.489	531.685
58	840+25.00	-3.208	531.442	531.640
59	840+35.00	-3.208	531.396	531.583
60	840+45.00	-3.208	531.350	531.509
61	840+55.00	-3.208	531.304	531.426
62	840+65.00	-3.208	531.257	531.335
⊕ Brg. Pier 21	840+79.08	-3.208	531.192	531.192

**NOTES:**

1. Stations, elevations and offsets are in feet. All offsets are measured from ⊕/⊕ F.A.I. 39.
2. Work this sheet with sheet 51.

**TOP OF SLAB ELEVATIONS- SPANS 18 THRU 21  
ABRAHAM LINCOLN MEMORIAL BRIDGE OVER  
THE ILLINOIS RIVER (PUBLIC WATERS)**

**F.A.I. ROUTE 39 SEC. (50-4B) BR**

**LASALLE COUNTY**

**STATION 863+16.00**

**STRUCTURE NO. 050-0191 (SB & NB)**

**benesch**

alfred benesch & company  
Engineers • Surveyors • Planners  
205 North Michigan Avenue, Suite 2400  
Chicago, Illinois 60601  
312-965-0460  
Job # 3856

DESIGNED -	AJK
CHECKED -	MRB
DRAWN -	VH
CHECKED -	MRB

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