

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET	SHEET NO. 29
F.A.I. 39	50-4B	LASALLE		51	313 SHEETS
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 2	811+53.91	-15.548	555.942	555.942
	811+63.89	-15.459	555.715	555.776
3	811+73.87	-15.371	555.487	555.604
4	811+83.85	-15.282	555.260	555.424
5	811+93.83	-15.193	555.032	555.227
6	812+03.81	-15.105	554.805	555.017
7	812+13.79	-15.016	554.577	554.795
8	812+23.77	-14.927	554.349	554.558
9	812+33.75	-14.839	554.122	554.308
10	812+43.73	-14.750	553.894	554.051
11	812+53.71	-14.661	553.667	553.788
12	812+63.69	-14.572	553.439	553.524
13	812+73.67	-14.484	553.212	553.264
14	812+83.66	-14.395	552.985	553.008
⊕ Pier 3	812+98.00	-14.267	552.661	552.661
16	813+07.98	-14.178	552.439	552.449
17	813+17.96	-14.089	552.218	552.231
18	813+27.94	-14.000	551.999	552.033
19	813+37.92	-13.911	551.781	551.834
20	813+47.91	-13.822	551.566	551.644
21	813+57.89	-13.733	551.352	551.455
22	813+67.87	-13.643	551.140	551.263
23	813+77.85	-13.554	550.930	551.067
24	813+87.83	-13.465	550.722	550.862
25	813+97.82	-13.376	550.515	550.653
26	814+07.80	-13.287	550.311	550.431
27	814+17.78	-13.198	550.108	550.207
28	814+27.76	-13.109	549.907	549.978
29	814+37.74	-13.020	549.708	549.753
30	814+47.73	-12.930	549.510	549.531
31	814+57.71	-12.841	549.314	549.322
⊕ Pier 4	814+63.00	-12.794	549.212	549.212
33	814+72.98	-12.704	549.019	549.025
34	814+82.97	-12.615	548.828	548.844
35	814+92.95	-12.525	548.638	548.672
36	815+02.93	-12.436	548.451	548.504
37	815+12.92	-12.346	548.265	548.339
38	815+22.90	-12.257	548.082	548.170
39	815+32.88	-12.168	547.900	547.997
40	815+42.87	-12.078	547.719	547.820
41	815+52.85	-11.989	547.541	547.634
42	815+62.83	-11.899	547.365	547.447
43	815+72.82	-11.810	547.190	547.252
44	815+82.80	-11.720	547.017	547.060
45	815+92.79	-11.631	546.846	546.869

SB PGL (CONT'D)

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevation Adjusted For Dead Load Deflection
	816+02.77	-11.541	546.676	546.686
	816+12.76	-11.452	546.509	546.507
	816+22.74	-11.362	546.343	546.343
⊕ Pier 5	816+28.00	-11.314	546.257	546.257
50	816+37.99	-11.225	546.094	546.114
51	816+47.97	-11.135	545.933	545.980
52	816+57.96	-11.045	545.773	545.855
53	816+67.94	-10.955	545.616	545.737
54	816+77.93	-10.866	545.460	545.620
55	816+87.91	-10.776	545.306	545.501
56	816+97.90	-10.686	545.154	545.375
57	817+07.88	-10.596	545.004	545.237
58	817+17.87	-10.507	544.855	545.090
59	817+27.85	-10.417	544.709	544.931
60	817+37.84	-10.327	544.564	544.754
61	817+47.83	-10.237	544.421	544.569
62	817+57.81	-10.147	544.280	544.374
⊕ Brg. Pier 6	817+72.08	-10.019	544.081	544.081

GIRDER 5

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevation Adjusted For Dead Load Deflection
⊕ Brg. Pier 2	811+53.92	-11.048	555.807	555.807
2	811+63.90	-10.959	555.580	555.633
3	811+73.89	-10.871	555.352	555.454
4	811+83.87	-10.782	555.124	555.268
5	811+93.86	-10.693	554.897	555.067
6	812+03.84	-10.605	554.669	554.855
7	812+13.83	-10.516	554.441	554.632
8	812+23.81	-10.427	554.214	554.396
9	812+33.80	-10.338	553.986	554.149
10	812+43.79	-10.250	553.758	553.895
11	812+53.77	-10.161	553.530	553.636
12	812+63.76	-10.072	553.303	553.377
13	812+73.75	-9.983	553.075	553.120
14	812+83.73	-9.894	552.848	552.868
⊕ Pier 3	812+98.00	-9.767	552.526	552.526
16	813+07.99	-9.678	552.303	552.313
17	813+17.97	-9.589	552.082	552.094
18	813+27.96	-9.500	551.863	551.894
19	813+37.95	-9.411	551.646	551.692
20	813+47.94	-9.322	551.430	551.499
21	813+57.92	-9.233	551.216	551.306
22	813+67.91	-9.143	551.004	551.112
23	813+77.90	-9.054	550.794	550.914
24	813+87.89	-8.965	550.586	550.708
25	813+97.87	-8.876	550.379	550.499
26	814+07.86	-8.787	550.174	550.279
27	814+17.85	-8.697	549.971	550.058
28	814+27.84	-8.608	549.770	549.832
29	814+37.83	-8.519	549.571	549.610
30	814+47.82	-8.429	549.373	549.392
31	814+57.80	-8.340	549.178	549.184
⊕ Pier 4	814+63.00	-8.294	549.077	549.077
33	814+72.99	-8.204	548.884	548.889
34	814+82.98	-8.115	548.692	548.707
35	814+92.97	-8.025	548.503	548.533
36	815+02.96	-7.936	548.316	548.363
37	815+12.95	-7.846	548.130	548.195
38	815+22.94	-7.757	547.946	548.023
39	815+32.92	-7.667	547.764	547.850
40	815+42.91	-7.578	547.584	547.672
41	815+52.90	-7.488	547.405	547.487
42	815+62.89	-7.399	547.229	547.301
43	815+72.88	-7.309	547.054	547.109
44	815+82.87	-7.220	546.881	546.919
45	815+92.86	-7.130	546.709	546.730

GIRDER 5 (CONT'D)

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevation Adjusted For Dead Load Deflection
	816+02.85	-7.040	546.540	546.548
	816+12.84	-6.951	546.372	546.371
	816+22.84	-6.861	546.207	546.206
⊕ Pier 5	816+28.00	-6.814	546.122	546.122
50	816+37.99	-6.725	545.959	545.976
51	816+47.98	-6.635	545.797	545.839
52	816+57.97	-6.545	545.638	545.709
53	816+67.96	-6.455	545.480	545.586
54	816+77.96	-6.366	545.325	545.464
55	816+87.95	-6.276	545.171	545.341
56	816+97.94	-6.186	545.019	545.212
57	817+07.93	-6.096	544.868	545.072
58	817+17.92	-6.006	544.720	544.924
59	817+27.91	-5.916	544.573	544.767
60	817+37.91	-5.826	544.428	544.594
61	817+47.90	-5.736	544.285	544.413
62	817+57.89	-5.646	544.144	544.225
⊕ Brg. Pier 6	817+72.08	-5.519	543.946	543.946

- NOTES:
1. Stations, elevations and offsets are in feet. All offsets are measured from ⊕/⊕ F.A.I. 39.
  2. Work this sheet with sheet 26.

TOP OF SLAB ELEVATIONS- SPANS 3 THRU 6  
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  
312-565-0450  
Job # 3856

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

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