

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	SHEET NO. 31
F.A.I. 39	50-4B	LASALLE		53	313 SHEETS
FED. ROAD DIST. NO. 7	ILLINOIS	FED. AID PROJECT			

Contract # 66586

GIRDER 7

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevation Adjusted For Dead Load Deflection
⊙ Brg. Pier 2	811+53.92	20.897	555.800	555.800
2	811+63.95	20.809	555.571	555.631
3	811+73.97	20.720	555.342	555.456
4	811+84.00	20.631	555.114	555.274
5	811+94.03	20.543	554.885	555.075
6	812+04.05	20.454	554.657	554.863
7	812+14.08	20.365	554.428	554.639
8	812+24.11	20.277	554.199	554.402
9	812+34.13	20.188	553.971	554.151
10	812+44.16	20.099	553.742	553.893
11	812+54.18	20.010	553.514	553.629
12	812+64.21	19.921	553.285	553.365
13	812+74.24	19.832	553.056	553.105
14	812+84.26	19.743	552.828	552.850
⊙ Pier 3	812+98.00	19.621	552.519	552.519
16	813+08.03	19.532	552.295	552.306
17	813+18.05	19.443	552.073	552.086
18	813+28.08	19.354	551.853	551.887
19	813+38.10	19.265	551.635	551.687
20	813+48.13	19.176	551.418	551.495
21	813+58.15	19.087	551.204	551.304
22	813+68.18	18.998	550.991	551.111
23	813+78.20	18.909	550.780	550.914
24	813+88.22	18.820	550.571	550.707
25	813+98.25	18.730	550.364	550.497
26	814+08.27	18.641	550.158	550.275
27	814+18.30	18.552	549.955	550.050
28	814+28.32	18.463	549.753	549.821
29	814+38.34	18.373	549.553	549.596
30	814+48.37	18.284	549.355	549.375
⊙ Pier 4	814+63.00	18.153	549.069	549.069
32	814+73.02	18.064	548.875	548.881
33	814+83.05	17.975	548.684	548.699
34	814+93.07	17.885	548.494	548.527
35	815+03.09	17.796	548.306	548.358
36	815+13.12	17.706	548.119	548.191
37	815+23.14	17.617	547.935	548.021
38	815+33.16	17.527	547.752	547.847
39	815+43.18	17.438	547.571	547.669
40	815+53.21	17.348	547.392	547.483
41	815+63.23	17.259	547.215	547.294
42	815+73.25	17.169	547.040	547.100
43	815+83.27	17.079	546.866	546.907
44	815+93.29	16.990	546.695	546.717
45	816+03.32	16.900	546.525	546.533

GIRDER 7 (CONT'D)

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevation Adjusted For Dead Load Deflection
46	816+13.34	16.810	546.357	546.355
⊙ Pier 5	816+28.00	16.679	546.114	546.114
48	816+38.02	16.589	545.951	545.970
49	816+48.04	16.500	545.789	545.836
50	816+58.06	16.410	545.629	545.709
51	816+68.09	16.320	545.471	545.589
52	816+78.11	16.230	545.315	545.471
53	816+88.13	16.140	545.160	545.351
54	816+98.15	16.051	545.008	545.224
55	817+08.17	15.961	544.857	545.084
56	817+18.19	15.871	544.708	544.936
57	817+28.21	15.781	544.561	544.777
58	817+38.23	15.691	544.416	544.600
59	817+48.25	15.601	544.272	544.414
60	817+58.27	15.511	544.131	544.219
⊙ Brg. Pier 6	817+72.08	15.387	543.939	543.939

GIRDER 8

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevation Adjusted For Dead Load Deflection
⊙ Brg. Pier 2	811+53.92	30.148	555.522	555.522
2	811+63.96	30.059	555.293	555.353
3	811+74.00	29.970	555.064	555.178
4	811+84.04	29.882	554.835	554.996
5	811+94.08	29.793	554.607	554.797
6	812+04.12	29.704	554.378	554.584
7	812+14.15	29.615	554.149	554.360
8	812+24.19	29.526	553.920	554.122
9	812+34.23	29.437	553.691	553.871
10	812+44.27	29.348	553.462	553.612
11	812+54.31	29.259	553.233	553.348
12	812+64.35	29.170	553.004	553.084
13	812+74.38	29.081	552.776	552.824
14	812+84.42	28.992	552.547	552.568
⊙ Pier 3	812+98.00	28.872	552.241	552.241
16	813+08.04	28.783	552.017	552.028
17	813+18.08	28.693	551.795	551.808
18	813+28.11	28.604	551.575	551.609
19	813+38.15	28.515	551.356	551.408
20	813+48.19	28.426	551.140	551.216
21	813+58.22	28.337	550.925	551.025
22	813+68.26	28.247	550.712	550.832
23	813+78.30	28.158	550.501	550.635
24	813+88.33	28.069	550.291	550.427
25	813+98.37	27.980	550.084	550.216
26	814+08.41	27.890	549.878	549.994
27	814+18.44	27.801	549.674	549.769
28	814+28.48	27.711	549.472	549.540
29	814+38.51	27.622	549.272	549.314
30	814+48.55	27.533	549.074	549.093
⊙ Pier 4	814+63.00	27.404	548.792	548.792
32	814+73.04	27.314	548.598	548.603
33	814+83.07	27.225	548.406	548.421
34	814+93.11	27.135	548.216	548.249
35	815+03.14	27.046	548.027	548.080
36	815+13.18	26.956	547.841	547.912
37	815+23.21	26.866	547.656	547.742
38	815+33.25	26.777	547.473	547.568
39	815+43.28	26.687	547.292	547.390
40	815+53.32	26.598	547.113	547.203
41	815+63.35	26.508	546.935	547.014
42	815+73.38	26.418	546.760	546.820
43	815+83.42	26.328	546.586	546.627
44	815+93.45	26.239	546.414	546.436
45	816+03.49	26.149	546.244	546.252

GIRDER 8 (CONT'D)

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevation Adjusted For Dead Load Deflection
46	816+13.52	26.059	546.076	546.074
⊙ Pier 5	816+28.00	25.929	545.837	545.837
48	816+38.03	25.840	545.673	545.693
49	816+48.07	25.750	545.511	545.558
50	816+58.10	25.660	545.351	545.431
51	816+68.13	25.570	545.193	545.311
52	816+78.17	25.480	545.036	545.193
53	816+88.20	25.390	544.882	545.072
54	816+98.23	25.300	544.729	544.945
55	817+08.27	25.210	544.578	544.806
56	817+18.30	25.120	544.429	544.657
57	817+28.33	25.030	544.282	544.497
58	817+38.36	24.940	544.136	544.320
59	817+48.40	24.850	543.993	544.133
60	817+58.43	24.760	543.851	543.938
⊙ Brg. Pier 6	817+72.08	24.637	543.661	543.661

- NOTES:**
- Stations, elevations and offsets are in feet. All offsets are measured from ⊙/⊙ F.A.I. 39.
 - 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
312-965-0450
Job # 3856

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

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