

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

ROUTE NO.	SECTION	COUNTY	DATE	SHEET	SHEET NO. 32	
F.A.I. 39	50-4B	LASALLE		54		
FED. ROAD DIST. NO. 7					ILLINOIS	FED. AID PROJECT

Contract # 66586

**GIRDER 9**

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevation Adjusted For Dead Load Deflection
⊙ Brg. Pier 2	811+53.92	39.398	555.245	555.245
2	811+63.97	39.309	555.015	555.076
3	811+74.02	39.220	554.786	554.900
4	811+84.08	39.132	554.557	554.717
5	811+94.13	39.043	554.328	554.518
6	812+04.18	38.954	554.099	554.305
7	812+14.23	38.865	553.870	554.081
8	812+24.28	38.776	553.640	553.843
9	812+34.33	38.687	553.411	553.591
10	812+44.38	38.598	553.182	553.332
11	812+54.43	38.509	552.953	553.068
12	812+64.48	38.419	552.724	552.803
13	812+74.53	38.330	552.495	552.543
14	812+84.58	38.241	552.266	552.287
⊙ Pier 3	812+98.00	38.122	551.964	551.964
16	813+08.05	38.033	551.740	551.750
17	813+18.10	37.944	551.517	551.530
18	813+28.15	37.854	551.297	551.331
19	813+38.20	37.765	551.078	551.130
20	813+48.25	37.676	550.861	550.938
21	813+58.30	37.586	550.646	550.747
22	813+68.35	37.497	550.433	550.553
23	813+78.39	37.408	550.221	550.355
24	813+88.44	37.318	550.012	550.147
25	813+98.49	37.229	549.804	549.936
26	814+08.54	37.139	549.598	549.714
27	814+18.59	37.050	549.394	549.488
28	814+28.64	36.960	549.192	549.259
29	814+38.69	36.871	548.991	549.033
30	814+48.73	36.781	548.793	548.812
⊙ Pier 4	814+63.00	36.654	548.514	548.514
32	814+73.05	36.565	548.320	548.326
33	814+83.10	36.475	548.128	548.144
34	814+93.14	36.385	547.937	547.971
35	815+03.19	36.296	547.749	547.801
36	815+13.24	36.206	547.562	547.634
37	815+23.29	36.116	547.377	547.463
38	815+33.33	36.026	547.194	547.289
39	815+43.38	35.937	547.013	547.110
40	815+53.43	35.847	546.833	546.923
41	815+63.47	35.757	546.656	546.734
42	815+73.52	35.667	546.480	546.540
43	815+83.57	35.577	546.306	546.347
44	815+93.61	35.488	546.134	546.156
45	816+03.66	35.398	545.964	545.972

**GIRDER 9 (CONT'D)**

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevation Adjusted For Dead Load Deflection
46	816+13.70	35.308	545.796	545.794
⊙ Pier 5	816+28.00	35.180	545.559	545.559
48	816+38.05	35.090	545.395	545.415
49	816+48.09	35.000	545.233	545.280
50	816+58.14	34.910	545.073	545.153
51	816+68.18	34.820	544.915	545.033
52	816+78.23	34.730	544.758	544.914
53	816+88.27	34.640	544.603	544.794
54	816+98.32	34.550	544.450	544.667
55	817+08.36	34.460	544.299	544.527
56	817+18.41	34.370	544.150	544.378
57	817+28.45	34.279	544.003	544.218
58	817+38.50	34.189	543.857	544.040
59	817+48.54	34.099	543.713	543.853
60	817+58.59	34.009	543.571	543.658
⊙ Brg. Pier 6	817+72.08	33.888	543.384	543.384

**GIRDER 10**

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevation Adjusted For Dead Load Deflection
⊙ Brg. Pier 2	811+53.92	48.649	554.967	554.967
2	811+63.99	48.560	554.738	554.790
3	811+74.05	48.471	554.508	554.608
4	811+84.11	48.382	554.279	554.419
5	811+94.18	48.293	554.049	554.216
6	812+04.24	48.204	553.820	554.000
7	812+14.30	48.114	553.590	553.775
8	812+24.37	48.025	553.361	553.538
9	812+34.43	47.936	553.132	553.288
10	812+44.49	47.847	552.902	553.033
11	812+54.55	47.758	552.673	552.773
12	812+64.62	47.669	552.443	552.512
13	812+74.68	47.579	552.214	552.255
14	812+84.74	47.490	551.985	552.003
⊙ Pier 3	812+98.00	47.372	551.686	551.686
16	813+08.06	47.283	551.462	551.471
17	813+18.12	47.194	551.239	551.251
18	813+28.19	47.104	551.018	551.049
19	813+38.25	47.015	550.799	550.845
20	813+48.31	46.926	550.582	550.650
21	813+58.37	46.836	550.367	550.455
22	813+68.43	46.747	550.153	550.259
23	813+78.49	46.657	549.942	550.059
24	813+88.55	46.568	549.732	549.851
25	813+98.61	46.478	549.524	549.639
26	814+08.68	46.389	549.318	549.419
27	814+18.74	46.299	549.113	549.195
28	814+28.80	46.209	548.911	548.969
29	814+38.86	46.120	548.710	548.746
30	814+48.92	46.030	548.512	548.528
⊙ Pier 4	814+63.00	45.905	548.237	548.237
32	814+73.06	45.815	548.042	548.047
33	814+83.12	45.725	547.850	547.864
34	814+93.18	45.635	547.659	547.689
35	815+03.24	45.546	547.470	547.517
36	815+13.30	45.456	547.283	547.347
37	815+23.36	45.366	547.098	547.174
38	815+33.42	45.276	546.915	546.999
39	815+43.48	45.186	546.734	546.819
40	815+53.54	45.096	546.554	546.633
41	815+63.60	45.006	546.376	546.445
42	815+73.65	44.916	546.200	546.253
43	815+83.71	44.827	546.026	546.062
44	815+93.77	44.737	545.854	545.873
45	816+03.83	44.647	545.684	545.691

**GIRDER 10 (CONT'D)**

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevation Adjusted For Dead Load Deflection
46	816+13.89	44.557	545.515	545.514
⊙ Pier 5	816+28.00	44.430	545.282	545.282
48	816+38.06	44.340	545.118	545.135
49	816+48.12	44.250	544.955	544.996
50	816+58.17	44.160	544.795	544.865
51	816+68.23	44.070	544.636	544.740
52	816+78.29	43.980	544.479	544.616
53	816+88.35	43.890	544.325	544.491
54	816+98.40	43.799	544.171	544.361
55	817+08.46	43.709	544.020	544.219
56	817+18.52	43.619	543.871	544.069
57	817+28.58	43.529	543.723	543.911
58	817+38.63	43.438	543.578	543.737
59	817+48.69	43.348	543.434	543.555
60	817+58.75	43.258	543.292	543.366
⊙ Brg. Pier 6	817+72.08	43.138	543.106	543.106

- 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 # 3858

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

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