

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET	SHEET NO.
F.A.I. 39	50-4B	LASALLE		64	42
FED. ROAD DIST. NO. 7	ILLINOIS	FED. AID PROJECT	313 SHEETS		

Contract # 66586

**GIRDER 3**

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevation Adjusted For Dead Load Deflection
⊕ Brg. Pier 10	823+93.92	-21.708	538.614	538.614
2	824+03.92	-21.708	538.568	538.627
3	824+13.92	-21.708	538.522	538.634
4	824+23.92	-21.708	538.476	538.634
5	824+33.92	-21.708	538.430	538.618
6	824+43.92	-21.708	538.383	538.588
7	824+53.92	-21.708	538.337	538.547
8	824+63.92	-21.708	538.291	538.492
9	824+73.92	-21.708	538.245	538.423
10	824+83.92	-21.708	538.198	538.348
11	824+93.92	-21.708	538.152	538.266
12	825+03.92	-21.708	538.106	538.185
13	825+13.92	-21.708	538.060	538.107
14	825+23.92	-21.708	538.013	538.034
⊕ Pier 11	825+38.00	-21.708	537.948	537.948
16	825+48.00	-21.708	537.902	537.908
17	825+58.00	-21.708	537.856	537.873
18	825+68.00	-21.708	537.810	537.848
19	825+78.00	-21.708	537.763	537.828
20	825+88.00	-21.708	537.717	537.810
21	825+98.00	-21.708	537.671	537.790
22	826+08.00	-21.708	537.625	537.765
23	826+18.00	-21.708	537.578	537.733
24	826+28.00	-21.708	537.532	537.689
25	826+38.00	-21.708	537.486	537.639
26	826+48.00	-21.708	537.440	537.574
27	826+58.00	-21.708	537.393	537.503
28	826+68.00	-21.708	537.347	537.426
29	826+78.00	-21.708	537.301	537.350
30	826+88.00	-21.708	537.255	537.277
31	826+98.00	-21.708	537.208	537.216
⊕ Pier 12	827+03.00	-21.708	537.185	537.185
33	827+13.00	-21.708	537.139	537.146
34	827+23.00	-21.708	537.093	537.111
35	827+33.00	-21.708	537.047	537.086
36	827+43.00	-21.708	537.000	537.062
37	827+53.00	-21.708	536.954	537.039
38	827+63.00	-21.708	536.908	537.010
39	827+73.00	-21.708	536.862	536.975
40	827+83.00	-21.708	536.815	536.932
41	827+93.00	-21.708	536.769	536.879
42	828+03.00	-21.708	536.723	536.821
43	828+13.00	-21.708	536.677	536.754
44	828+23.00	-21.708	536.630	536.687
45	828+33.00	-21.708	536.584	536.618

**GIRDER 3 (CONT'D)**

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevation Adjusted For Dead Load Deflection
46	828+43.00	-21.708	536.538	536.554
47	828+53.00	-21.708	536.492	536.494
48	828+63.00	-21.708	536.445	536.446
⊕ Pier 13	828+68.00	-21.708	536.422	536.422
50	828+78.00	-21.708	536.376	536.395
51	828+88.00	-21.708	536.330	536.374
52	828+98.00	-21.708	536.284	536.361
53	829+08.00	-21.708	536.237	536.353
54	829+18.00	-21.708	536.191	536.344
55	829+28.00	-21.708	536.145	536.332
56	829+38.00	-21.708	536.099	536.312
57	829+48.00	-21.708	536.052	536.277
58	829+58.00	-21.708	536.006	536.232
59	829+68.00	-21.708	535.960	536.174
60	829+78.00	-21.708	535.914	536.096
61	829+88.00	-21.708	535.867	536.008
62	829+98.00	-21.708	535.821	535.910
⊕ Brg. Pier 14	830+12.08	-21.708	535.756	535.756

**GIRDER 4**

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevation Adjusted For Dead Load Deflection
⊕ Brg. Pier 10	823+93.92	-12.458	538.799	538.799
2	824+03.92	-12.458	538.753	538.812
3	824+13.92	-12.458	538.707	538.819
4	824+23.92	-12.458	538.661	538.819
5	824+33.92	-12.458	538.615	538.803
6	824+43.92	-12.458	538.568	538.773
7	824+53.92	-12.458	538.522	538.732
8	824+63.92	-12.458	538.476	538.677
9	824+73.92	-12.458	538.430	538.608
10	824+83.92	-12.458	538.383	538.533
11	824+93.92	-12.458	538.337	538.451
12	825+03.92	-12.458	538.291	538.370
13	825+13.92	-12.458	538.245	538.292
14	825+23.92	-12.458	538.198	538.219
⊕ Pier 11	825+38.00	-12.458	538.133	538.133
16	825+48.00	-12.458	538.087	538.093
17	825+58.00	-12.458	538.041	538.058
18	825+68.00	-12.458	537.995	538.033
19	825+78.00	-12.458	537.948	538.013
20	825+88.00	-12.458	537.902	537.995
21	825+98.00	-12.458	537.856	537.975
22	826+08.00	-12.458	537.810	537.950
23	826+18.00	-12.458	537.763	537.918
24	826+28.00	-12.458	537.717	537.874
25	826+38.00	-12.458	537.671	537.824
26	826+48.00	-12.458	537.625	537.759
27	826+58.00	-12.458	537.578	537.688
28	826+68.00	-12.458	537.532	537.611
29	826+78.00	-12.458	537.486	537.535
30	826+88.00	-12.458	537.440	537.462
31	826+98.00	-12.458	537.393	537.401
⊕ Pier 12	827+03.00	-12.458	537.370	537.370
33	827+13.00	-12.458	537.324	537.331
34	827+23.00	-12.458	537.278	537.296
35	827+33.00	-12.458	537.232	537.271
36	827+43.00	-12.458	537.185	537.247
37	827+53.00	-12.458	537.139	537.224
38	827+63.00	-12.458	537.093	537.195
39	827+73.00	-12.458	537.047	537.160
40	827+83.00	-12.458	537.000	537.117
41	827+93.00	-12.458	536.954	537.064
42	828+03.00	-12.458	536.908	537.006
43	828+13.00	-12.458	536.862	536.939
44	828+23.00	-12.458	536.815	536.872
45	828+33.00	-12.458	536.769	536.803

**GIRDER 4 (CONT'D)**

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevation Adjusted For Dead Load Deflection
46	828+43.00	-12.458	536.723	536.739
47	828+53.00	-12.458	536.677	536.679
48	828+63.00	-12.458	536.630	536.631
⊕ Pier 13	828+68.00	-12.458	536.607	536.607
50	828+78.00	-12.458	536.561	536.580
51	828+88.00	-12.458	536.515	536.559
52	828+98.00	-12.458	536.469	536.546
53	829+08.00	-12.458	536.422	536.538
54	829+18.00	-12.458	536.376	536.529
55	829+28.00	-12.458	536.330	536.517
56	829+38.00	-12.458	536.284	536.497
57	829+48.00	-12.458	536.237	536.462
58	829+58.00	-12.458	536.191	536.417
59	829+68.00	-12.458	536.145	536.359
60	829+78.00	-12.458	536.099	536.281
61	829+88.00	-12.458	536.052	536.193
62	829+98.00	-12.458	536.006	536.095
⊕ Brg. Pier 14	830+12.08	-12.458	535.941	535.941

**NOTES:**  
1. Stations, elevations and offsets are in feet. All offsets are measured from ⊕/⊕ F.A.I. 39.  
2. Work this sheet with sheet 40.

**TOP OF SLAB ELEVATIONS- SPANS 11 THRU 14  
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  
312-665-0450  
Job # 3856

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

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