

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ROUTE NO.	SECTION	COUNTY	SHEET NO.	SHEET NO. 74
F.A.I. 39	50-4B	LASALLE	96	
FED. ROAD DIST. NO. 7		ILLINOIS FED. AID PROJECT		

Contract # 66586

GIRDER 1

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevation Adjusted For Dead Load Deflection
⊕ Brg. Pier 31	855+80.92	-40.208	523.508	523.508
2	855+90.92	-40.208	523.462	523.511
3	856+00.92	-40.208	523.415	523.509
4	856+10.92	-40.208	523.369	523.500
5	856+20.92	-40.208	523.323	523.481
6	856+30.92	-40.208	523.277	523.447
7	856+40.92	-40.208	523.230	523.402
8	856+50.92	-40.208	523.184	523.348
9	856+60.92	-40.208	523.138	523.283
10	856+70.92	-40.208	523.092	523.209
11	856+80.92	-40.208	523.045	523.132
12	856+90.92	-40.208	522.999	523.055
13	857+00.92	-40.208	522.953	522.981
14	857+10.92	-40.208	522.907	522.916
⊕ Pier 32	857+16.00	-40.208	522.883	522.883
16	857+26.00	-40.208	522.837	522.837
17	857+36.00	-40.208	522.791	522.797
18	857+46.00	-40.208	522.744	522.765
19	857+56.00	-40.208	522.698	522.738
20	857+66.00	-40.208	522.652	522.710
21	857+76.00	-40.208	522.606	522.681
22	857+86.00	-40.208	522.560	522.645
23	857+96.00	-40.208	522.513	522.603
24	858+06.00	-40.208	522.467	522.553
25	858+16.00	-40.208	522.421	522.495
26	858+26.00	-40.208	522.375	522.432
27	858+36.00	-40.208	522.328	522.364
28	858+46.00	-40.208	522.282	522.300
29	858+56.00	-40.208	522.236	522.239
⊕ Pier 33	858+70.00	-40.208	522.171	522.171
31	858+80.00	-40.208	522.125	522.141
32	858+90.00	-40.208	522.079	522.117
33	859+00.00	-40.208	522.032	522.099
34	859+10.00	-40.208	521.986	522.084
35	859+20.00	-40.208	521.940	522.066
36	859+30.00	-40.208	521.894	522.042
37	859+40.00	-40.208	521.847	522.010
38	859+50.00	-40.208	521.801	521.968
39	859+60.00	-40.208	521.755	521.911
40	859+70.00	-40.208	521.709	521.844
41	859+80.00	-40.208	521.662	521.766
42	859+90.00	-40.208	521.616	521.680
⊕ Brg. Pier 34	860+03.33	-40.208	521.555	521.555

GIRDER 2

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevation Adjusted For Dead Load Deflection
⊕ Brg. Pier 31	855+80.92	-30.958	523.693	523.693
2	855+90.92	-30.958	523.647	523.703
3	856+00.92	-30.958	523.600	523.708
4	856+10.92	-30.958	523.554	523.704
5	856+20.92	-30.958	523.508	523.689
6	856+30.92	-30.958	523.462	523.657
7	856+40.92	-30.958	523.415	523.612
8	856+50.92	-30.958	523.369	523.556
9	856+60.92	-30.958	523.323	523.488
10	856+70.92	-30.958	523.277	523.410
11	856+80.92	-30.958	523.230	523.330
12	856+90.92	-30.958	523.184	523.248
13	857+00.92	-30.958	523.138	523.170
14	857+10.92	-30.958	523.092	523.102
⊕ Pier 32	857+16.00	-30.958	523.068	523.068
16	857+26.00	-30.958	523.022	523.022
17	857+36.00	-30.958	522.976	522.983
18	857+46.00	-30.958	522.929	522.953
19	857+56.00	-30.958	522.883	522.929
20	857+66.00	-30.958	522.837	522.903
21	857+76.00	-30.958	522.791	522.877
22	857+86.00	-30.958	522.745	522.842
23	857+96.00	-30.958	522.698	522.801
24	858+06.00	-30.958	522.652	522.750
25	858+16.00	-30.958	522.606	522.690
26	858+26.00	-30.958	522.560	522.625
27	858+36.00	-30.958	522.513	522.554
28	858+46.00	-30.958	522.467	522.487
29	858+56.00	-30.958	522.421	522.424
⊕ Pier 33	858+70.00	-30.958	522.356	522.356
31	858+80.00	-30.958	522.310	522.328
32	858+90.00	-30.958	522.264	522.308
33	859+00.00	-30.958	522.217	522.294
34	859+10.00	-30.958	522.171	522.283
35	859+20.00	-30.958	522.125	522.269
36	859+30.00	-30.958	522.079	522.248
37	859+40.00	-30.958	522.032	522.218
38	859+50.00	-30.958	521.986	522.178
39	859+60.00	-30.958	521.940	522.119
40	859+70.00	-30.958	521.894	522.048
41	859+80.00	-30.958	521.847	521.967
42	859+90.00	-30.958	521.801	521.875
⊕ Brg. Pier 34	860+03.33	-30.958	521.740	521.740

GIRDER 3

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevation Adjusted For Dead Load Deflection
⊕ Brg. Pier 31	855+80.92	-21.708	523.878	523.878
2	855+90.92	-21.708	523.832	523.888
3	856+00.92	-21.708	523.785	523.893
4	856+10.92	-21.708	523.739	523.889
5	856+20.92	-21.708	523.693	523.874
6	856+30.92	-21.708	523.647	523.842
7	856+40.92	-21.708	523.600	523.797
8	856+50.92	-21.708	523.554	523.741
9	856+60.92	-21.708	523.508	523.673
10	856+70.92	-21.708	523.462	523.595
11	856+80.92	-21.708	523.415	523.515
12	856+90.92	-21.708	523.369	523.433
13	857+00.92	-21.708	523.323	523.355
14	857+10.92	-21.708	523.277	523.287
⊕ Pier 32	857+16.00	-21.708	523.253	523.253
16	857+26.00	-21.708	523.207	523.207
17	857+36.00	-21.708	523.161	523.168
18	857+46.00	-21.708	523.114	523.138
19	857+56.00	-21.708	523.068	523.114
20	857+66.00	-21.708	523.022	523.088
21	857+76.00	-21.708	522.976	523.062
22	857+86.00	-21.708	522.930	523.027
23	857+96.00	-21.708	522.883	522.986
24	858+06.00	-21.708	522.837	522.935
25	858+16.00	-21.708	522.791	522.875
26	858+26.00	-21.708	522.745	522.810
27	858+36.00	-21.708	522.698	522.739
28	858+46.00	-21.708	522.652	522.672
29	858+56.00	-21.708	522.606	522.609
⊕ Pier 33	858+70.00	-21.708	522.541	522.541
31	858+80.00	-21.708	522.495	522.513
32	858+90.00	-21.708	522.449	522.493
33	859+00.00	-21.708	522.402	522.479
34	859+10.00	-21.708	522.356	522.468
35	859+20.00	-21.708	522.310	522.454
36	859+30.00	-21.708	522.264	522.433
37	859+40.00	-21.708	522.217	522.403
38	859+50.00	-21.708	522.171	522.363
39	859+60.00	-21.708	522.125	522.304
40	859+70.00	-21.708	522.079	522.233
41	859+80.00	-21.708	522.032	522.152
42	859+90.00	-21.708	521.986	522.060
⊕ Brg. Pier 34	860+03.33	-21.708	521.925	521.925

GIRDER 4

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevation Adjusted For Dead Load Deflection
⊕ Brg. Pier 31	855+80.92	-12.458	524.063	524.063
2	855+90.92	-12.458	524.017	524.073
3	856+00.92	-12.458	523.970	524.078
4	856+10.92	-12.458	523.924	524.074
5	856+20.92	-12.458	523.878	524.059
6	856+30.92	-12.458	523.832	524.027
7	856+40.92	-12.458	523.785	523.982
8	856+50.92	-12.458	523.739	523.926
9	856+60.92	-12.458	523.693	523.858
10	856+70.92	-12.458	523.647	523.780
11	856+80.92	-12.458	523.600	523.700
12	856+90.92	-12.458	523.554	523.618
13	857+00.92	-12.458	523.508	523.540
14	857+10.92	-12.458	523.462	523.472
⊕ Pier 32	857+16.00	-12.458	523.438	523.438
16	857+26.00	-12.458	523.392	523.392
17	857+36.00	-12.458	523.346	523.353
18	857+46.00	-12.458	523.299	523.323
19	857+56.00	-12.458	523.253	523.299
20	857+66.00	-12.458	523.207	523.273
21	857+76.00	-12.458	523.161	523.247
22	857+86.00	-12.458	523.115	523.212
23	857+96.00	-12.458	523.068	523.171
24	858+06.00	-12.458	523.022	523.120
25	858+16.00	-12.458	522.976	523.060
26	858+26.00	-12.458	522.930	522.995
27	858+36.00	-12.458	522.883	522.924
28	858+46.00	-12.458	522.837	522.857
29	858+56.00	-12.458	522.791	522.794
⊕ Pier 33	858+70.00	-12.458	522.726	522.726
31	858+80.00	-12.458	522.680	522.698
32	858+90.00	-12.458	522.634	522.678
33	859+00.00	-12.458	522.587	522.664
34	859+10.00	-12.458	522.541	522.653
35	859+20.00	-12.458	522.495	522.639
36	859+30.00	-12.458	522.449	522.618
37	859+40.00	-12.458	522.402	522.588
38	859+50.00	-12.458	522.356	522.548
39	859+60.00	-12.458	522.310	522.489
40	859+70.00	-12.458	522.264	522.418
41	859+80.00	-12.458	522.217	522.337
42	859+90.00	-12.458	522.171	522.245
⊕ Brg. Pier 34	860+03.33	-12.458	522.110	522.110

NOTES:

- Stations, elevations and offsets are in feet. All offsets are measured from ⊕/⊗ F.A.I. 39.
- Work this sheet with sheet 73.

TOP OF SLAB ELEVATIONS-SPANS 32 THRU 34

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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