

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET	SHEET NO.
F.A.I. 39	50-4B	LASALLE		113	91
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 38	870+55.92	12.458	517.242	517.242
2	870+65.92	12.458	517.196	517.249
3	870+75.92	12.458	517.150	517.249
4	870+85.92	12.458	517.104	517.242
5	870+95.92	12.458	517.057	517.224
6	871+05.92	12.458	517.011	517.189
7	871+15.92	12.458	516.965	517.142
8	871+25.92	12.458	516.919	517.085
9	871+35.92	12.458	516.872	517.017
10	871+45.92	12.458	516.826	516.940
11	871+55.92	12.458	516.780	516.861
12	871+65.92	12.458	516.734	516.784
13	871+75.92	12.458	516.688	516.710
⊕ Pier 39	871+90.00	12.458	516.622	516.622
15	872+00.00	12.458	516.576	516.581
16	872+10.00	12.458	516.530	516.547
17	872+20.00	12.458	516.484	516.523
18	872+30.00	12.458	516.437	516.503
19	872+40.00	12.458	516.391	516.483
20	872+50.00	12.458	516.345	516.459
21	872+60.00	12.458	516.299	516.428
22	872+70.00	12.458	516.253	516.391
23	872+80.00	12.458	516.206	516.339
24	872+90.00	12.458	516.160	516.280
25	873+00.00	12.458	516.114	516.213
26	873+10.00	12.458	516.068	516.139
27	873+20.00	12.458	516.021	516.064
28	873+30.00	12.458	515.975	515.993
29	873+40.00	12.458	515.929	515.935
⊕ Pier 40	873+49.00	12.458	515.887	515.887
31	873+59.00	12.458	515.841	515.856
32	873+69.00	12.458	515.795	515.833
33	873+79.00	12.458	515.748	515.817
34	873+89.00	12.458	515.702	515.805
35	873+99.00	12.458	515.656	515.791
36	874+09.00	12.458	515.610	515.770
37	874+19.00	12.458	515.564	515.741
38	874+29.00	12.458	515.517	515.702
39	874+39.00	12.458	515.471	515.645
40	874+49.00	12.458	515.425	515.577
41	874+59.00	12.458	515.379	515.498
42	874+69.00	12.458	515.332	515.407
⊕ Brg. Pier 41	874+83.08	12.458	515.267	515.267

**GIRDER 8**

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevation Adjusted For Dead Load Deflection
⊕ Brg. Pier 38	870+55.92	21.708	517.057	517.057
2	870+65.92	21.708	517.011	517.064
3	870+75.92	21.708	516.965	517.064
4	870+85.92	21.708	516.919	517.057
5	870+95.92	21.708	516.872	517.039
6	871+05.92	21.708	516.826	517.004
7	871+15.92	21.708	516.780	516.957
8	871+25.92	21.708	516.734	516.900
9	871+35.92	21.708	516.687	516.832
10	871+45.92	21.708	516.641	516.755
11	871+55.92	21.708	516.595	516.676
12	871+65.92	21.708	516.549	516.599
13	871+75.92	21.708	516.503	516.525
⊕ Pier 39	871+90.00	21.708	516.437	516.437
15	872+00.00	21.708	516.391	516.396
16	872+10.00	21.708	516.345	516.362
17	872+20.00	21.708	516.299	516.338
18	872+30.00	21.708	516.252	516.318
19	872+40.00	21.708	516.206	516.298
20	872+50.00	21.708	516.160	516.274
21	872+60.00	21.708	516.114	516.243
22	872+70.00	21.708	516.068	516.206
23	872+80.00	21.708	516.021	516.154
24	872+90.00	21.708	515.975	516.095
25	873+00.00	21.708	515.929	516.028
26	873+10.00	21.708	515.883	515.954
27	873+20.00	21.708	515.836	515.879
28	873+30.00	21.708	515.790	515.808
29	873+40.00	21.708	515.744	515.750
⊕ Pier 40	873+49.00	21.708	515.702	515.702
31	873+59.00	21.708	515.656	515.671
32	873+69.00	21.708	515.610	515.648
33	873+79.00	21.708	515.563	515.632
34	873+89.00	21.708	515.517	515.620
35	873+99.00	21.708	515.471	515.606
36	874+09.00	21.708	515.425	515.585
37	874+19.00	21.708	515.379	515.556
38	874+29.00	21.708	515.332	515.517
39	874+39.00	21.708	515.286	515.460
40	874+49.00	21.708	515.240	515.392
41	874+59.00	21.708	515.194	515.313
42	874+69.00	21.708	515.147	515.222
⊕ Brg. Pier 41	874+83.08	21.708	515.082	515.082

**GIRDER 9**

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevation Adjusted For Dead Load Deflection
⊕ Brg. Pier 38	870+55.92	30.958	516.872	516.872
2	870+65.92	30.958	516.826	516.879
3	870+75.92	30.958	516.780	516.879
4	870+85.92	30.958	516.734	516.872
5	870+95.92	30.958	516.687	516.854
6	871+05.92	30.958	516.641	516.819
7	871+15.92	30.958	516.595	516.772
8	871+25.92	30.958	516.549	516.715
9	871+35.92	30.958	516.502	516.647
10	871+45.92	30.958	516.456	516.570
11	871+55.92	30.958	516.410	516.491
12	871+65.92	30.958	516.364	516.414
13	871+75.92	30.958	516.318	516.340
⊕ Pier 39	871+90.00	30.958	516.252	516.252
15	872+00.00	30.958	516.206	516.211
16	872+10.00	30.958	516.160	516.177
17	872+20.00	30.958	516.114	516.153
18	872+30.00	30.958	516.067	516.133
19	872+40.00	30.958	516.021	516.113
20	872+50.00	30.958	515.975	516.089
21	872+60.00	30.958	515.929	516.058
22	872+70.00	30.958	515.883	516.021
23	872+80.00	30.958	515.836	515.969
24	872+90.00	30.958	515.790	515.910
25	873+00.00	30.958	515.744	515.843
26	873+10.00	30.958	515.698	515.769
27	873+20.00	30.958	515.651	515.694
28	873+30.00	30.958	515.605	515.623
29	873+40.00	30.958	515.559	515.565
⊕ Pier 40	873+49.00	30.958	515.517	515.517
31	873+59.00	30.958	515.471	515.486
32	873+69.00	30.958	515.425	515.463
33	873+79.00	30.958	515.378	515.447
34	873+89.00	30.958	515.332	515.435
35	873+99.00	30.958	515.286	515.421
36	874+09.00	30.958	515.240	515.400
37	874+19.00	30.958	515.194	515.371
38	874+29.00	30.958	515.147	515.332
39	874+39.00	30.958	515.101	515.275
40	874+49.00	30.958	515.055	515.207
41	874+59.00	30.958	515.009	515.128
42	874+69.00	30.958	514.962	515.037
⊕ Brg. Pier 41	874+83.08	30.958	514.897	514.897

**GIRDER 10**

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevation Adjusted For Dead Load Deflection
⊕ Brg. Pier 38	870+55.92	40.208	516.687	516.687
2	870+65.92	40.208	516.641	516.687
3	870+75.92	40.208	516.595	516.682
4	870+85.92	40.208	516.549	516.669
5	870+95.92	40.208	516.502	516.648
6	871+05.92	40.208	516.456	516.611
7	871+15.92	40.208	516.410	516.565
8	871+25.92	40.208	516.364	516.509
9	871+35.92	40.208	516.317	516.444
10	871+45.92	40.208	516.271	516.371
11	871+55.92	40.208	516.225	516.296
12	871+65.92	40.208	516.179	516.223
13	871+75.92	40.208	516.133	516.152
⊕ Pier 39	871+90.00	40.208	516.067	516.067
15	872+00.00	40.208	516.021	516.026
16	872+10.00	40.208	515.975	515.990
17	872+20.00	40.208	515.929	515.963
18	872+30.00	40.208	515.882	515.940
19	872+40.00	40.208	515.836	515.917
20	872+50.00	40.208	515.790	515.890
21	872+60.00	40.208	515.744	515.857
22	872+70.00	40.208	515.698	515.819
23	872+80.00	40.208	515.651	515.768
24	872+90.00	40.208	515.605	515.710
25	873+00.00	40.208	515.559	515.646
26	873+10.00	40.208	515.513	515.575
27	873+20.00	40.208	515.466	515.504
28	873+30.00	40.208	515.420	515.436
29	873+40.00	40.208	515.374	515.379
⊕ Pier 40	873+49.00	40.208	515.332	515.332
31	873+59.00	40.208	515.286	515.299
32	873+69.00	40.208	515.240	515.274
33	873+79.00	40.208	515.193	515.254
34	873+89.00	40.208	515.147	515.237
35	873+99.00	40.208	515.101	515.219
36	874+09.00	40.208	515.055	515.195
37	874+19.00	40.208	515.009	515.164
38	874+29.00	40.208	514.962	515.123
39	874+39.00	40.208	514.916	515.068
40	874+49.00	40.208	514.870	515.003
41	874+59.00	40.208	514.824	514.927
42	874+69.00	40.208	514.777	514.843
⊕ Brg. Pier 41	874+83.08	40.208	514.712	514.712

**NOTES:**

1. Stations, elevations and offsets are in feet. All offsets are measured from ⊕/⊕ F.A.I. 39.
2. Work this sheet with sheet 88.

**TOP OF SLAB ELEVATIONS-SPANS 39 THRU 41  
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  
312-685-0460  
Job # 3886

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

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