

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET	SHEET NO. 53 313 SHEETS
F.A.I. 39	50-4B	LASALLE		19	
FED. ROAD DIST. NO. 7	ILLINOIS	FED. AID PROJECT			

Contract # 66586

GIRDER 3

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevation Adjusted For Dead Load Deflection
⊕ Brg. Pier 17	834+60.92	-21.708	533.681	533.681
2	834+70.92	-21.708	533.634	533.694
3	834+80.92	-21.708	533.588	533.700
4	834+90.92	-21.708	533.542	533.700
5	835+00.92	-21.708	533.496	533.684
6	835+10.92	-21.708	533.449	533.654
7	835+20.92	-21.708	533.403	533.614
8	835+30.92	-21.708	533.357	533.558
9	835+40.92	-21.708	533.311	533.490
10	835+50.92	-21.708	533.265	533.414
11	835+60.92	-21.708	533.218	533.332
12	835+70.92	-21.708	533.172	533.251
13	835+80.92	-21.708	533.126	533.174
14	835+90.92	-21.708	533.080	533.100
⊕ Pier 18	836+05.00	-21.708	533.014	533.014
16	836+15.00	-21.708	532.968	532.974
17	836+25.00	-21.708	532.922	532.940
18	836+35.00	-21.708	532.876	532.914
19	836+45.00	-21.708	532.830	532.894
20	836+55.00	-21.708	532.783	532.876
21	836+65.00	-21.708	532.737	532.856
22	836+75.00	-21.708	532.691	532.831
23	836+85.00	-21.708	532.645	532.799
24	836+95.00	-21.708	532.598	532.755
25	837+05.00	-21.708	532.552	532.705
26	837+15.00	-21.708	532.506	532.640
27	837+25.00	-21.708	532.460	532.569
28	837+35.00	-21.708	532.413	532.492
29	837+45.00	-21.708	532.367	532.417
30	837+55.00	-21.708	532.321	532.343
31	837+65.00	-21.708	532.275	532.282
⊕ Pier 19	837+70.00	-21.708	532.252	532.252
33	837+80.00	-21.708	532.205	532.212
34	837+90.00	-21.708	532.159	532.177
35	838+00.00	-21.708	532.113	532.152
36	838+10.00	-21.708	532.067	532.129
37	838+20.00	-21.708	532.020	532.105
38	838+30.00	-21.708	531.974	532.076
39	838+40.00	-21.708	531.928	532.041
40	838+50.00	-21.708	531.882	531.998
41	838+60.00	-21.708	531.835	531.945
42	838+70.00	-21.708	531.789	531.887
43	838+80.00	-21.708	531.743	531.821
44	838+90.00	-21.708	531.697	531.753
45	839+00.00	-21.708	531.650	531.684

GIRDER 3 (CONT'D)

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevation Adjusted For Dead Load Deflection
46	839+10.00	-21.708	531.604	531.620
47	839+20.00	-21.708	531.558	531.560
48	839+30.00	-21.708	531.512	531.512
⊕ Pier 20	839+35.00	-21.708	531.489	531.489
50	839+45.00	-21.708	531.442	531.461
51	839+55.00	-21.708	531.396	531.441
52	839+65.00	-21.708	531.350	531.427
53	839+75.00	-21.708	531.304	531.419
54	839+85.00	-21.708	531.257	531.410
55	839+95.00	-21.708	531.211	531.399
56	840+05.00	-21.708	531.165	531.378
57	840+15.00	-21.708	531.119	531.344
58	840+25.00	-21.708	531.072	531.298
59	840+35.00	-21.708	531.026	531.240
60	840+45.00	-21.708	530.980	531.162
61	840+55.00	-21.708	530.934	531.074
62	840+65.00	-21.708	530.887	530.976
⊕ Brg. Pier 21	840+79.08	-21.708	530.822	530.822

GIRDER 4

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevation Adjusted For Dead Load Deflection
⊕ Brg. Pier 17	834+60.92	-12.458	533.866	533.866
2	834+70.92	-12.458	533.819	533.879
3	834+80.92	-12.458	533.773	533.885
4	834+90.92	-12.458	533.727	533.885
5	835+00.92	-12.458	533.681	533.869
6	835+10.92	-12.458	533.634	533.839
7	835+20.92	-12.458	533.588	533.799
8	835+30.92	-12.458	533.542	533.743
9	835+40.92	-12.458	533.496	533.675
10	835+50.92	-12.458	533.450	533.599
11	835+60.92	-12.458	533.403	533.517
12	835+70.92	-12.458	533.357	533.436
13	835+80.92	-12.458	533.311	533.359
14	835+90.92	-12.458	533.265	533.285
⊕ Pier 18	836+05.00	-12.458	533.199	533.199
16	836+15.00	-12.458	533.153	533.159
17	836+25.00	-12.458	533.107	533.125
18	836+35.00	-12.458	533.061	533.099
19	836+45.00	-12.458	533.015	533.079
20	836+55.00	-12.458	532.968	533.061
21	836+65.00	-12.458	532.922	533.041
22	836+75.00	-12.458	532.876	533.016
23	836+85.00	-12.458	532.830	532.984
24	836+95.00	-12.458	532.783	532.940
25	837+05.00	-12.458	532.737	532.890
26	837+15.00	-12.458	532.691	532.825
27	837+25.00	-12.458	532.645	532.754
28	837+35.00	-12.458	532.598	532.677
29	837+45.00	-12.458	532.552	532.602
30	837+55.00	-12.458	532.506	532.528
31	837+65.00	-12.458	532.460	532.467
⊕ Pier 19	837+70.00	-12.458	532.437	532.437
33	837+80.00	-12.458	532.390	532.397
34	837+90.00	-12.458	532.344	532.362
35	838+00.00	-12.458	532.298	532.337
36	838+10.00	-12.458	532.252	532.314
37	838+20.00	-12.458	532.205	532.290
38	838+30.00	-12.458	532.159	532.261
39	838+40.00	-12.458	532.113	532.226
40	838+50.00	-12.458	532.067	532.183
41	838+60.00	-12.458	532.020	532.130
42	838+70.00	-12.458	531.974	532.072
43	838+80.00	-12.458	531.928	532.006
44	838+90.00	-12.458	531.882	531.938
45	839+00.00	-12.458	531.835	531.869

GIRDER 4 (CONT'D)

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevation Adjusted For Dead Load Deflection
46	839+10.00	-12.458	531.789	531.805
47	839+20.00	-12.458	531.743	531.745
48	839+30.00	-12.458	531.697	531.697
⊕ Pier 20	839+35.00	-12.458	531.674	531.674
50	839+45.00	-12.458	531.627	531.646
51	839+55.00	-12.458	531.581	531.626
52	839+65.00	-12.458	531.535	531.612
53	839+75.00	-12.458	531.489	531.604
54	839+85.00	-12.458	531.442	531.595
55	839+95.00	-12.458	531.396	531.584
56	840+05.00	-12.458	531.350	531.563
57	840+15.00	-12.458	531.304	531.529
58	840+25.00	-12.458	531.257	531.483
59	840+35.00	-12.458	531.211	531.425
60	840+45.00	-12.458	531.165	531.347
61	840+55.00	-12.458	531.119	531.259
62	840+65.00	-12.458	531.072	531.161
⊕ Brg. Pier 21	840+79.08	-12.458	531.007	531.007

NOTES:

1. Stations, elevations and offsets are in feet. All offsets are measured from ⊕/⊕ F.A.I. 39.
2. Work this sheet with sheet 51.

**TOP OF SLAB ELEVATIONS-SPANS 18 THRU 21
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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