

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

ROUTE NO. F.A.I. 39	SECTION 50-4B	COUNTY LASALLE	SHEET NO. 74	SHEET NO. 52 313 SHEETS
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 17	834+60.92	-40.208	533.311	533.311
2	834+70.92	-40.208	533.264	533.316
3	834+80.92	-40.208	533.218	533.316
4	834+90.92	-40.208	533.172	533.310
5	835+00.92	-40.208	533.126	533.290
6	835+10.92	-40.208	533.079	533.258
7	835+20.92	-40.208	533.033	533.217
8	835+30.92	-40.208	532.987	533.163
9	835+40.92	-40.208	532.941	533.097
10	835+50.92	-40.208	532.895	533.026
11	835+60.92	-40.208	532.848	532.948
12	835+70.92	-40.208	532.802	532.872
13	835+80.92	-40.208	532.756	532.798
14	835+90.92	-40.208	532.710	532.727
☉ Pier 18	836+05.00	-40.208	532.644	532.644
16	836+15.00	-40.208	532.598	532.604
17	836+25.00	-40.208	532.552	532.567
18	836+35.00	-40.208	532.506	532.540
19	836+45.00	-40.208	532.460	532.516
20	836+55.00	-40.208	532.413	532.494
21	836+65.00	-40.208	532.367	532.471
22	836+75.00	-40.208	532.321	532.444
23	836+85.00	-40.208	532.275	532.410
24	836+95.00	-40.208	532.228	532.365
25	837+05.00	-40.208	532.182	532.316
26	837+15.00	-40.208	532.136	532.253
27	837+25.00	-40.208	532.090	532.185
28	837+35.00	-40.208	532.043	532.112
29	837+45.00	-40.208	531.997	532.040
30	837+55.00	-40.208	531.951	531.970
31	837+65.00	-40.208	531.905	531.911
☉ Pier 19	837+70.00	-40.208	531.882	531.882
33	837+80.00	-40.208	531.835	531.841
34	837+90.00	-40.208	531.789	531.805
35	838+00.00	-40.208	531.743	531.778
36	838+10.00	-40.208	531.697	531.751
37	838+20.00	-40.208	531.650	531.725
38	838+30.00	-40.208	531.604	531.694
39	838+40.00	-40.208	531.558	531.657
40	838+50.00	-40.208	531.512	531.614
41	838+60.00	-40.208	531.465	531.562
42	838+70.00	-40.208	531.419	531.506
43	838+80.00	-40.208	531.373	531.441
44	838+90.00	-40.208	531.327	531.376
45	839+00.00	-40.208	531.280	531.310

GIRDER 1 (CONT'D)

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevation Adjusted For Dead Load Deflection
46	839+10.00	-40.208	531.234	531.249
47	839+20.00	-40.208	531.188	531.190
48	839+30.00	-40.208	531.142	531.142
☉ Pier 20	839+35.00	-40.208	531.119	531.119
50	839+45.00	-40.208	531.072	531.089
51	839+55.00	-40.208	531.026	531.065
52	839+65.00	-40.208	530.980	531.047
53	839+75.00	-40.208	530.934	531.034
54	839+85.00	-40.208	530.887	531.021
55	839+95.00	-40.208	530.841	531.005
56	840+05.00	-40.208	530.795	530.981
57	840+15.00	-40.208	530.749	530.945
58	840+25.00	-40.208	530.702	530.900
59	840+35.00	-40.208	530.656	530.843
60	840+45.00	-40.208	530.610	530.769
61	840+55.00	-40.208	530.564	530.686
62	840+65.00	-40.208	530.517	530.595
☉ Brg. Pier 21	840+79.08	-40.208	530.452	530.452

GIRDER 2

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevation Adjusted For Dead Load Deflection
☉ Brg. Pier 17	834+60.92	-30.958	533.496	533.496
2	834+70.92	-30.958	533.449	533.509
3	834+80.92	-30.958	533.403	533.515
4	834+90.92	-30.958	533.357	533.515
5	835+00.92	-30.958	533.311	533.499
6	835+10.92	-30.958	533.264	533.469
7	835+20.92	-30.958	533.218	533.429
8	835+30.92	-30.958	533.172	533.373
9	835+40.92	-30.958	533.126	533.305
10	835+50.92	-30.958	533.080	533.229
11	835+60.92	-30.958	533.033	533.147
12	835+70.92	-30.958	532.987	533.066
13	835+80.92	-30.958	532.941	532.989
14	835+90.92	-30.958	532.895	532.915
☉ Pier 18	836+05.00	-30.958	532.829	532.829
16	836+15.00	-30.958	532.783	532.789
17	836+25.00	-30.958	532.737	532.755
18	836+35.00	-30.958	532.691	532.729
19	836+45.00	-30.958	532.645	532.709
20	836+55.00	-30.958	532.598	532.691
21	836+65.00	-30.958	532.552	532.671
22	836+75.00	-30.958	532.506	532.646
23	836+85.00	-30.958	532.460	532.614
24	836+95.00	-30.958	532.413	532.570
25	837+05.00	-30.958	532.367	532.520
26	837+15.00	-30.958	532.321	532.455
27	837+25.00	-30.958	532.275	532.384
28	837+35.00	-30.958	532.228	532.307
29	837+45.00	-30.958	532.182	532.232
30	837+55.00	-30.958	532.136	532.158
31	837+65.00	-30.958	532.090	532.097
☉ Pier 19	837+70.00	-30.958	532.067	532.067
33	837+80.00	-30.958	532.020	532.027
34	837+90.00	-30.958	531.974	531.992
35	838+00.00	-30.958	531.928	531.967
36	838+10.00	-30.958	531.882	531.944
37	838+20.00	-30.958	531.835	531.920
38	838+30.00	-30.958	531.789	531.891
39	838+40.00	-30.958	531.743	531.856
40	838+50.00	-30.958	531.697	531.813
41	838+60.00	-30.958	531.650	531.760
42	838+70.00	-30.958	531.604	531.702
43	838+80.00	-30.958	531.558	531.636
44	838+90.00	-30.958	531.512	531.568
45	839+00.00	-30.958	531.465	531.499

GIRDER 2 (CONT'D)

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevation Adjusted For Dead Load Deflection
46	839+10.00	-30.958	531.419	531.435
47	839+20.00	-30.958	531.373	531.375
48	839+30.00	-30.958	531.327	531.327
☉ Pier 20	839+35.00	-30.958	531.304	531.304
50	839+45.00	-30.958	531.257	531.276
51	839+55.00	-30.958	531.211	531.256
52	839+65.00	-30.958	531.165	531.242
53	839+75.00	-30.958	531.119	531.234
54	839+85.00	-30.958	531.072	531.225
55	839+95.00	-30.958	531.026	531.214
56	840+05.00	-30.958	530.980	531.193
57	840+15.00	-30.958	530.934	531.159
58	840+25.00	-30.958	530.887	531.113
59	840+35.00	-30.958	530.841	531.055
60	840+45.00	-30.958	530.795	530.977
61	840+55.00	-30.958	530.749	530.889
62	840+65.00	-30.958	530.702	530.791
☉ Brg. Pier 21	840+79.08	-30.958	530.637	530.637

**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)

**benesch**

alfred benesch & company  
Engineers • Surveyors • Planners  
205 North Michigan Avenue, Suite 2400  
Chicago, Illinois 60601  
312-565-0480  
Job # 3856

F.A.I. ROUTE 39 SEC. (50-4B) BR  
LASALLE COUNTY  
STATION 863+16.00  
STRUCTURE NO. 050-0191 (SB & NB)

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