

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	SHEET NO. 41
F.A.I. 39	50-4B	LASALLE		63	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 10	823+93.92	-40.208	538.244	538.244
2	824+03.92	-40.208	538.198	538.250
3	824+13.92	-40.208	538.152	538.250
4	824+23.92	-40.208	538.106	538.244
5	824+33.92	-40.208	538.060	538.224
6	824+43.92	-40.208	538.013	538.192
7	824+53.92	-40.208	537.967	538.151
8	824+63.92	-40.208	537.921	538.097
9	824+73.92	-40.208	537.875	538.031
10	824+83.92	-40.208	537.828	537.959
11	824+93.92	-40.208	537.782	537.882
12	825+03.92	-40.208	537.736	537.805
13	825+13.92	-40.208	537.690	537.731
14	825+23.92	-40.208	537.643	537.661
⊕ Pier 11	825+38.00	-40.208	537.578	537.578
16	825+48.00	-40.208	537.532	537.537
17	825+58.00	-40.208	537.486	537.501
18	825+68.00	-40.208	537.440	537.473
19	825+78.00	-40.208	537.393	537.450
20	825+88.00	-40.208	537.347	537.428
21	825+98.00	-40.208	537.301	537.405
22	826+08.00	-40.208	537.255	537.377
23	826+18.00	-40.208	537.208	537.344
24	826+28.00	-40.208	537.162	537.299
25	826+38.00	-40.208	537.116	537.250
26	826+48.00	-40.208	537.070	537.187
27	826+58.00	-40.208	537.023	537.119
28	826+68.00	-40.208	536.977	537.046
29	826+78.00	-40.208	536.931	536.974
30	826+88.00	-40.208	536.885	536.904
31	826+98.00	-40.208	536.838	536.845
⊕ Pier 12	827+03.00	-40.208	536.815	536.815
33	827+13.00	-40.208	536.769	536.775
34	827+23.00	-40.208	536.723	536.739
35	827+33.00	-40.208	536.677	536.711
36	827+43.00	-40.208	536.630	536.685
37	827+53.00	-40.208	536.584	536.659
38	827+63.00	-40.208	536.538	536.627
39	827+73.00	-40.208	536.492	536.591
40	827+83.00	-40.208	536.445	536.548
41	827+93.00	-40.208	536.399	536.496
42	828+03.00	-40.208	536.353	536.439
43	828+13.00	-40.208	536.307	536.375
44	828+23.00	-40.208	536.260	536.310
45	828+33.00	-40.208	536.214	536.244

GIRDER 1 (CONT'D)

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevation Adjusted For Dead Load Deflection
46	828+43.00	-40.208	536.168	536.182
47	828+53.00	-40.208	536.122	536.124
48	828+63.00	-40.208	536.075	536.076
⊕ Pier 13	828+68.00	-40.208	536.052	536.052
50	828+78.00	-40.208	536.006	536.022
51	828+88.00	-40.208	535.960	535.999
52	828+98.00	-40.208	535.914	535.981
53	829+08.00	-40.208	535.867	535.968
54	829+18.00	-40.208	535.821	535.955
55	829+28.00	-40.208	535.775	535.939
56	829+38.00	-40.208	535.729	535.915
57	829+48.00	-40.208	535.682	535.879
58	829+58.00	-40.208	535.636	535.833
59	829+68.00	-40.208	535.590	535.776
60	829+78.00	-40.208	535.544	535.703
61	829+88.00	-40.208	535.497	535.620
62	829+98.00	-40.208	535.451	535.529
⊕ Brg. Pier 14	830+12.08	-40.208	535.386	535.386

GIRDER 2

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevation Adjusted For Dead Load Deflection
⊕ Brg. Pier 10	823+93.92	-30.958	538.429	538.429
2	824+03.92	-30.958	538.383	538.442
3	824+13.92	-30.958	538.337	538.449
4	824+23.92	-30.958	538.291	538.449
5	824+33.92	-30.958	538.245	538.433
6	824+43.92	-30.958	538.198	538.403
7	824+53.92	-30.958	538.152	538.362
8	824+63.92	-30.958	538.106	538.307
9	824+73.92	-30.958	538.060	538.238
10	824+83.92	-30.958	538.013	538.163
11	824+93.92	-30.958	537.967	538.081
12	825+03.92	-30.958	537.921	538.000
13	825+13.92	-30.958	537.875	537.922
14	825+23.92	-30.958	537.828	537.849
⊕ Pier 11	825+38.00	-30.958	537.763	537.763
16	825+48.00	-30.958	537.717	537.723
17	825+58.00	-30.958	537.671	537.688
18	825+68.00	-30.958	537.625	537.663
19	825+78.00	-30.958	537.578	537.643
20	825+88.00	-30.958	537.532	537.625
21	825+98.00	-30.958	537.486	537.605
22	826+08.00	-30.958	537.440	537.580
23	826+18.00	-30.958	537.393	537.548
24	826+28.00	-30.958	537.347	537.504
25	826+38.00	-30.958	537.301	537.454
26	826+48.00	-30.958	537.255	537.389
27	826+58.00	-30.958	537.208	537.318
28	826+68.00	-30.958	537.162	537.241
29	826+78.00	-30.958	537.116	537.165
30	826+88.00	-30.958	537.070	537.092
31	826+98.00	-30.958	537.023	537.031
⊕ Pier 12	827+03.00	-30.958	537.000	537.000
33	827+13.00	-30.958	536.954	536.961
34	827+23.00	-30.958	536.908	536.926
35	827+33.00	-30.958	536.862	536.901
36	827+43.00	-30.958	536.815	536.877
37	827+53.00	-30.958	536.769	536.854
38	827+63.00	-30.958	536.723	536.825
39	827+73.00	-30.958	536.677	536.790
40	827+83.00	-30.958	536.630	536.747
41	827+93.00	-30.958	536.584	536.694
42	828+03.00	-30.958	536.538	536.636
43	828+13.00	-30.958	536.492	536.569
44	828+23.00	-30.958	536.445	536.502
45	828+33.00	-30.958	536.399	536.433

GIRDER 2 (CONT'D)

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevation Adjusted For Dead Load Deflection
46	828+43.00	-30.958	536.353	536.369
47	828+53.00	-30.958	536.307	536.309
48	828+63.00	-30.958	536.260	536.261
⊕ Pier 13	828+68.00	-30.958	536.237	536.237
50	828+78.00	-30.958	536.191	536.210
51	828+88.00	-30.958	536.145	536.189
52	828+98.00	-30.958	536.099	536.176
53	829+08.00	-30.958	536.052	536.168
54	829+18.00	-30.958	536.006	536.159
55	829+28.00	-30.958	535.960	536.147
56	829+38.00	-30.958	535.914	536.127
57	829+48.00	-30.958	535.867	536.092
58	829+58.00	-30.958	535.821	536.047
59	829+68.00	-30.958	535.775	535.989
60	829+78.00	-30.958	535.729	535.911
61	829+88.00	-30.958	535.682	535.823
62	829+98.00	-30.958	535.636	535.725
⊕ Brg. Pier 14	830+12.08	-30.958	535.571	535.571

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  
312-565-0450  
Job # 3856

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

x:\3800s\3856\structures\final\plans\al\_dkell\4a.sht

8/30/2006 8:59:41 AM