

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ROUTE NO.	SECTION	COUNTY	SHEETS	SHEET	SHEET NO. 27
F.A.I. 39	50-4B	LASALLE		49	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 2	811+53.91	-48.050	556.917	556.917
	811+63.85	-47.961	556.691	556.744
2	811+73.79	-47.873	556.464	556.566
3	811+83.72	-47.785	556.238	556.381
4	811+93.66	-47.697	556.011	556.181
5	812+03.60	-47.608	555.784	555.970
6	812+13.54	-47.520	555.558	555.749
7	812+23.47	-47.432	555.331	555.514
8	812+33.41	-47.343	555.105	555.269
9	812+43.35	-47.255	554.878	555.017
10	812+53.29	-47.166	554.651	554.759
11	812+63.23	-47.078	554.425	554.501
12	812+73.16	-46.989	554.198	554.245
13	812+83.10	-46.901	553.972	553.994
⊕ Pier 3	812+98.00	-46.768	553.636	553.636
16	813+07.94	-46.680	553.415	553.424
17	813+17.88	-46.591	553.194	553.206
18	813+27.82	-46.503	552.976	553.007
19	813+37.76	-46.414	552.760	552.806
20	813+47.70	-46.325	552.545	552.613
21	813+57.64	-46.237	552.332	552.422
22	813+67.57	-46.148	552.121	552.229
23	813+77.51	-46.059	551.912	552.032
24	813+87.45	-45.970	551.705	551.827
25	813+97.39	-45.882	551.499	551.620
26	814+07.33	-45.793	551.295	551.401
27	814+17.27	-45.704	551.093	551.181
28	814+27.21	-45.615	550.893	550.956
29	814+37.15	-45.526	550.694	550.735
30	814+47.09	-45.437	550.498	550.517
31	814+57.04	-45.348	550.303	550.310
⊕ Pier 4	814+63.00	-45.295	550.187	550.187
33	814+72.94	-45.206	549.995	550.000
34	814+82.88	-45.117	549.804	549.818
35	814+92.82	-45.028	549.616	549.645
36	815+02.76	-44.939	549.429	549.476
37	815+12.71	-44.850	549.244	549.309
38	815+22.65	-44.761	549.061	549.138
39	815+32.59	-44.672	548.880	548.966
40	815+42.53	-44.583	548.701	548.789
41	815+52.47	-44.494	548.523	548.605
42	815+62.41	-44.405	548.347	548.420
43	815+72.35	-44.315	548.173	548.229
44	815+82.30	-44.226	548.001	548.040
45	815+92.24	-44.137	547.830	547.852

GIRDER 1 (CONT'D)

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevation Adjusted For Dead Load Deflection	
	46	816+02.18	-44.048	547.661	547.671
	47	816+12.12	-43.959	547.494	547.493
	48	816+22.07	-43.869	547.329	547.329
⊕ Pier 5	816+28.00	-43.816	547.232	547.232	
	50	816+37.94	-43.727	547.069	547.087
	51	816+47.89	-43.637	546.909	546.950
	52	816+57.83	-43.548	546.750	546.821
	53	816+67.77	-43.459	546.593	546.699
	54	816+77.71	-43.369	546.438	546.577
	55	816+87.66	-43.280	546.285	546.455
	56	816+97.60	-43.190	546.134	546.326
	57	817+07.54	-43.101	545.984	546.188
	58	817+17.49	-43.012	545.836	546.041
	59	817+27.43	-42.922	545.690	545.884
	60	817+37.38	-42.833	545.546	545.713
	61	817+47.32	-42.743	545.403	545.534
	62	817+57.26	-42.654	545.262	545.347
⊕ Brg. Pier 6	817+72.09	-42.520	545.056	545.056	

GIRDER 2

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevation Adjusted For Dead Load Deflection
⊕ Brg. Pier 2	811+53.91	-38.799	556.640	556.640
	811+63.86	-38.711	556.413	556.474
2	811+73.81	-38.623	556.186	556.303
3	811+83.76	-38.534	555.959	556.124
4	811+93.71	-38.446	555.732	555.927
5	812+03.66	-38.357	555.506	555.718
6	812+13.61	-38.269	555.279	555.497
7	812+23.56	-38.181	555.052	555.261
8	812+33.51	-38.092	554.825	555.012
9	812+43.46	-38.004	554.598	554.756
10	812+53.41	-37.915	554.371	554.493
11	812+63.36	-37.826	554.144	554.230
12	812+73.31	-37.738	553.918	553.970
13	812+83.26	-37.649	553.691	553.715
⊕ Pier 3	812+98.00	-37.518	553.359	553.359
16	813+07.95	-37.429	553.137	553.147
17	813+17.90	-37.341	552.916	552.930
18	813+27.85	-37.252	552.698	552.733
19	813+37.80	-37.163	552.481	552.534
20	813+47.76	-37.074	552.266	552.344
21	813+57.71	-36.986	552.053	552.156
22	813+67.66	-36.897	551.842	551.965
23	813+77.61	-36.808	551.633	551.769
24	813+87.56	-36.719	551.425	551.565
25	813+97.51	-36.630	551.219	551.357
26	814+07.47	-36.541	551.015	551.136
27	814+17.42	-36.452	550.813	550.913
28	814+27.37	-36.363	550.612	550.685
29	814+37.32	-36.274	550.413	550.460
30	814+47.27	-36.185	550.217	550.238
31	814+57.23	-36.096	550.021	550.029
⊕ Pier 4	814+63.00	-36.045	549.909	549.909
33	814+72.95	-35.956	549.717	549.723
34	814+82.91	-35.867	549.526	549.542
35	814+92.86	-35.777	549.338	549.371
36	815+02.81	-35.688	549.151	549.204
37	815+12.77	-35.599	548.966	549.039
38	815+22.72	-35.510	548.782	548.870
39	815+32.67	-35.421	548.601	548.699
40	815+42.63	-35.332	548.421	548.521
41	815+52.58	-35.242	548.243	548.337
42	815+62.53	-35.153	548.067	548.150
43	815+72.49	-35.064	547.893	547.956
44	815+82.44	-34.975	547.721	547.765
45	815+92.39	-34.885	547.550	547.574

GIRDER 2 (CONT'D)

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevation Adjusted For Dead Load Deflection	
	46	816+02.35	-34.796	547.381	547.391
	47	816+12.30	-34.707	547.214	547.212
	48	816+22.26	-34.617	547.049	547.048
⊕ Pier 5	816+28.00	-34.566	546.954	546.954	
	50	816+37.96	-34.476	546.792	546.812
	51	816+47.91	-34.387	546.631	546.679
	52	816+57.86	-34.297	546.472	546.553
	53	816+67.82	-34.208	546.315	546.436
	54	816+77.77	-34.118	546.160	546.319
	55	816+87.73	-34.029	546.007	546.201
	56	816+97.69	-33.939	545.855	546.075
	57	817+07.64	-33.850	545.705	545.938
	58	817+17.60	-33.760	545.557	545.792
	59	817+27.55	-33.671	545.411	545.633
	60	817+37.51	-33.581	545.266	545.458
	61	817+47.46	-33.491	545.124	545.273
	62	817+57.42	-33.402	544.983	545.079
⊕ Brg. Pier 6	817+72.09	-33.270	544.779	544.779	

NOTES:

1. Stations, elevations and offsets are in feet. All offsets are measured from ⊕/⊗ F.A.I. 39.
2. Work this sheet with sheet 26.

**TOP OF SLAB ELEVATIONS- SPANS 3 THRU 6
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\lincoln memorial\final\plans\vol.dkei0306a.sht

8:59:10 AM

8/30/2006