

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	SHEET NO. 28
F.A.I. 39	50-4B	LASALLE	50	50	313 SHEETS
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 2	811+53.91	-29.549	556.362	556.362
2	811+63.87	-29.460	556.135	556.197
3	811+73.84	-29.372	555.908	556.025
4	811+83.80	-29.283	555.681	555.845
5	811+93.76	-29.195	555.454	555.649
6	812+03.72	-29.106	555.227	555.439
7	812+13.68	-29.018	555.000	555.218
8	812+23.64	-28.929	554.772	554.981
9	812+33.61	-28.841	554.545	554.732
10	812+43.57	-28.752	554.318	554.476
11	812+53.53	-28.664	554.091	554.212
12	812+63.49	-28.575	553.864	553.949
13	812+73.45	-28.486	553.637	553.689
14	812+83.42	-28.397	553.410	553.434
⊕ Pier 3	812+98.00	-28.268	553.081	553.081
16	813+07.96	-28.179	552.859	552.870
17	813+17.93	-28.090	552.638	552.652
18	813+27.89	-28.001	552.420	552.454
19	813+37.85	-27.912	552.203	552.256
20	813+47.82	-27.823	551.988	552.065
21	813+57.78	-27.735	551.774	551.877
22	813+67.74	-27.646	551.563	551.686
23	813+77.71	-27.557	551.353	551.490
24	813+87.67	-27.468	551.145	551.285
25	813+97.63	-27.379	550.939	551.077
26	814+07.60	-27.290	550.735	550.855
27	814+17.56	-27.201	550.532	550.632
28	814+27.53	-27.112	550.332	550.404
29	814+37.49	-27.022	550.133	550.179
30	814+47.45	-26.933	549.935	549.957
31	814+57.42	-26.844	549.740	549.748
⊕ Pier 4	814+63.00	-26.794	549.632	549.632
33	814+72.97	-26.705	549.439	549.445
34	814+82.93	-26.616	549.248	549.264
35	814+92.89	-26.527	549.060	549.093
36	815+02.86	-26.438	548.872	548.926
37	815+12.83	-26.348	548.687	548.760
38	815+22.79	-26.259	548.504	548.591
39	815+32.76	-26.170	548.322	548.420
40	815+42.72	-26.080	548.142	548.242
41	815+52.69	-25.991	547.964	548.057
42	815+62.65	-25.902	547.788	547.870
43	815+72.62	-25.812	547.613	547.676
44	815+82.58	-25.723	547.441	547.484
45	815+92.55	-25.633	547.270	547.294

GIRDER 3 (CONT'D)

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevation Adjusted For Dead Load Deflection
46	816+02.52	-25.544	547.101	547.110
47	816+12.48	-25.455	546.933	546.932
48	816+22.45	-25.365	546.768	546.767
⊕ Pier 5	816+28.00	-25.315	546.677	546.677
50	816+37.97	-25.226	546.514	546.534
51	816+47.93	-25.136	546.353	546.401
52	816+57.90	-25.047	546.194	546.276
53	816+67.87	-24.957	546.037	546.158
54	816+77.83	-24.867	545.882	546.041
55	816+87.80	-24.778	545.728	545.923
56	816+97.77	-24.688	545.576	545.797
57	817+07.74	-24.599	545.426	545.659
58	817+17.70	-24.509	545.278	545.513
59	817+27.67	-24.419	545.131	545.354
60	817+37.64	-24.329	544.987	545.178
61	817+47.61	-24.240	544.844	544.993
62	817+57.58	-24.150	544.703	544.798
⊕ Brg. Pier 6	817+72.09	-24.019	544.501	544.501

GIRDER 4

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevation Adjusted For Dead Load Deflection
⊕ Brg. Pier 2	811+53.91	-20.298	556.085	556.085
2	811+63.89	-20.210	555.857	555.919
3	811+73.86	-20.121	555.630	555.747
4	811+83.83	-20.033	555.403	555.567
5	811+93.81	-19.944	555.175	555.370
6	812+03.78	-19.856	554.948	555.160
7	812+13.76	-19.767	554.720	554.939
8	812+23.73	-19.678	554.493	554.702
9	812+33.70	-19.590	554.266	554.452
10	812+43.68	-19.501	554.038	554.195
11	812+53.65	-19.412	553.811	553.932
12	812+63.63	-19.323	553.583	553.668
13	812+73.60	-19.235	553.356	553.408
14	812+83.57	-19.146	553.129	553.152
⊕ Pier 3	812+98.00	-19.017	552.804	552.804
16	813+07.98	-18.928	552.581	552.592
17	813+17.95	-18.839	552.360	552.374
18	813+27.93	-18.750	552.141	552.176
19	813+37.90	-18.662	551.924	551.977
20	813+47.88	-18.573	551.709	551.787
21	813+57.85	-18.484	551.495	551.598
22	813+67.83	-18.394	551.284	551.407
23	813+77.80	-18.305	551.074	551.211
24	813+87.78	-18.216	550.865	551.005
25	813+97.75	-18.127	550.659	550.797
26	814+07.73	-18.038	550.455	550.575
27	814+17.71	-17.949	550.252	550.351
28	814+27.68	-17.860	550.051	550.122
29	814+37.66	-17.771	549.852	549.897
30	814+47.64	-17.681	549.654	549.676
31	814+57.61	-17.592	549.459	549.466
⊕ Pier 4	814+63.00	-17.544	549.354	549.354
33	814+72.98	-17.455	549.161	549.167
34	814+82.95	-17.365	548.970	548.986
35	814+92.93	-17.276	548.781	548.815
36	815+02.91	-17.187	548.594	548.647
37	815+12.89	-17.097	548.409	548.482
38	815+22.86	-17.008	548.225	548.313
39	815+32.84	-16.919	548.043	548.141
40	815+42.82	-16.829	547.863	547.963
41	815+52.80	-16.740	547.685	547.778
42	815+62.77	-16.650	547.508	547.590
43	815+72.75	-16.561	547.333	547.396
44	815+82.73	-16.471	547.161	547.204
45	815+92.71	-16.382	546.990	547.014

GIRDER 4 (CONT'D)

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevation Adjusted For Dead Load Deflection
46	816+02.69	-16.292	546.820	546.830
47	816+12.66	-16.203	546.653	546.651
48	816+22.64	-16.113	546.487	546.487
⊕ Pier 5	816+28.00	-16.065	546.399	546.399
50	816+37.98	-15.975	546.236	546.257
51	816+47.96	-15.886	546.075	546.123
52	816+57.94	-15.796	545.916	545.998
53	816+67.92	-15.706	545.759	545.880
54	816+77.90	-15.617	545.603	545.763
55	816+87.87	-15.527	545.449	545.644
56	816+97.85	-15.437	545.297	545.518
57	817+07.83	-15.347	545.147	545.380
58	817+17.81	-15.258	544.999	545.233
59	817+27.79	-15.168	544.852	545.074
60	817+37.77	-15.078	544.707	544.898
61	817+47.75	-14.988	544.564	544.713
62	817+57.73	-14.898	544.423	544.518
⊕ Brg. Pier 6	817+72.09	-14.769	544.224	544.224

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

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