

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET	SHEET NO. 23
F.A.I. 39	50-4B	LASALLE		45	313 SHEETS
FED. ROAD DIST. NO. 7	ILLINOIS	FED. AID PROJECT			

Contract # 66586

GIRDER 1

GIRDER 2

GIRDER 3

GIRDER 4

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevation Adjusted For Dead Load Deflection
Bk./S. Abut. SB	808+25.72	-50.947	564.400	564.400
⊕ Brg. S. Abut. SB	808+28.00	-50.927	564.348	564.348
2	808+37.93	-50.840	564.122	564.185
3	808+47.87	-50.752	563.895	564.019
4	808+57.80	-50.665	563.669	563.843
5	808+67.74	-50.578	563.442	563.656
6	808+77.67	-50.490	563.216	563.461
7	808+87.60	-50.403	562.989	563.246
8	808+97.54	-50.315	562.763	563.023
9	809+07.47	-50.228	562.536	562.786
10	809+17.41	-50.141	562.310	562.537
11	809+27.34	-50.053	562.083	562.282
12	809+37.27	-49.965	561.857	562.019
13	809+47.21	-49.878	561.630	561.754
14	809+57.14	-49.790	561.404	561.490
15	809+67.08	-49.703	561.177	561.231
16	809+77.01	-49.615	560.951	560.975
17	809+86.95	-49.527	560.724	560.733
⊕ Pier 1	809+93.00	-49.474	560.586	560.586
19	810+02.94	-49.386	560.360	560.364
20	810+12.87	-49.298	560.133	560.147
21	810+22.81	-49.211	559.906	559.939
22	810+32.74	-49.123	559.680	559.739
23	810+42.68	-49.035	559.453	559.541
24	810+52.61	-48.947	559.227	559.345
25	810+62.55	-48.859	559.000	559.146
26	810+72.49	-48.771	558.774	558.947
27	810+82.42	-48.683	558.547	558.733
28	810+92.36	-48.595	558.321	558.512
29	811+02.30	-48.507	558.094	558.281
30	811+12.23	-48.419	557.868	558.034
31	811+22.17	-48.331	557.641	557.780
32	811+32.11	-48.243	557.414	557.513
33	811+42.04	-48.155	557.188	557.240
⊕ Brg. Pier 2	811+52.09	-48.066	556.959	556.959

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevation Adjusted For Dead Load Deflection
Bk./S. Abut. SB	808+25.72	-41.696	564.123	564.123
⊕ Brg. S. Abut. SB	808+28.00	-41.676	564.071	564.071
2	808+37.95	-41.589	563.844	563.917
3	808+47.89	-41.502	563.617	563.758
4	808+57.84	-41.414	563.390	563.590
5	808+67.78	-41.327	563.164	563.408
6	808+77.73	-41.239	562.937	563.218
7	808+87.67	-41.152	562.710	563.004
8	808+97.62	-41.064	562.483	562.780
9	809+07.57	-40.977	562.256	562.542
10	809+17.51	-40.889	562.030	562.289
11	809+27.46	-40.802	561.803	562.030
12	809+37.41	-40.714	561.576	561.760
13	809+47.35	-40.626	561.349	561.490
14	809+57.30	-40.539	561.123	561.220
15	809+67.25	-40.451	560.896	560.956
16	809+77.19	-40.363	560.669	560.697
17	809+87.14	-40.275	560.442	560.453
⊕ Pier 1	809+93.00	-40.224	560.309	560.309
19	810+02.95	-40.136	560.082	560.087
20	810+12.90	-40.048	559.855	559.871
21	810+22.84	-39.960	559.628	559.665
22	810+32.79	-39.872	559.401	559.468
23	810+42.74	-39.784	559.175	559.274
24	810+52.69	-39.696	558.948	559.082
25	810+62.63	-39.608	558.721	558.888
26	810+72.58	-39.520	558.494	558.691
27	810+82.53	-39.432	558.267	558.480
28	810+92.48	-39.344	558.040	558.259
29	811+02.43	-39.256	557.814	558.027
30	811+12.38	-39.168	557.587	557.776
31	811+22.32	-39.079	557.360	557.518
32	811+32.27	-38.991	557.133	557.245
33	811+42.22	-38.903	556.906	556.964
⊕ Brg. Pier 2	811+52.09	-38.815	556.681	556.681

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevation Adjusted For Dead Load Deflection
Bk./S. Abut. SB	808+25.72	-32.446	563.845	563.845
⊕ Brg. S. Abut. SB	808+28.00	-32.426	563.793	563.793
2	808+37.96	-32.339	563.566	563.639
3	808+47.92	-32.251	563.339	563.480
4	808+57.87	-32.164	563.112	563.312
5	808+67.83	-32.076	562.885	563.129
6	808+77.79	-31.988	562.658	562.939
7	808+87.75	-31.901	562.431	562.725
8	808+97.70	-31.813	562.204	562.501
9	809+07.66	-31.726	561.977	562.262
10	809+17.62	-31.638	561.750	562.009
11	809+27.58	-31.550	561.523	561.749
12	809+37.54	-31.462	561.296	561.479
13	809+47.50	-31.375	561.069	561.209
14	809+57.46	-31.287	560.841	560.938
15	809+67.41	-31.199	560.614	560.675
16	809+77.37	-31.111	560.387	560.415
17	809+87.33	-31.023	560.160	560.170
⊕ Pier 1	809+93.00	-30.973	560.031	560.031
19	810+02.96	-30.885	559.804	559.809
20	810+12.92	-30.797	559.577	559.593
21	810+22.88	-30.709	559.350	559.387
22	810+32.84	-30.621	559.123	559.190
23	810+42.80	-30.533	558.896	558.995
24	810+52.76	-30.445	558.669	558.803
25	810+62.72	-30.357	558.442	558.608
26	810+72.68	-30.269	558.214	558.412
27	810+82.64	-30.181	557.987	558.200
28	810+92.60	-30.092	557.760	557.979
29	811+02.56	-30.004	557.533	557.746
30	811+12.52	-29.916	557.306	557.495
31	811+22.48	-29.828	557.079	557.236
32	811+32.44	-29.739	556.852	556.963
33	811+42.40	-29.651	556.625	556.682
⊕ Brg. Pier 2	811+52.09	-29.565	556.404	556.404

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevation Adjusted For Dead Load Deflection
Bk./S. Abut. SB	808+25.72	-23.196	563.568	563.568
⊕ Brg. S. Abut. SB	808+28.00	-23.176	563.516	563.516
2	808+37.97	-23.088	563.288	563.362
3	808+47.94	-23.001	563.061	563.203
4	808+57.91	-22.913	562.834	563.034
5	808+67.88	-22.825	562.606	562.851
6	808+77.85	-22.738	562.379	562.660
7	808+87.82	-22.650	562.152	562.446
8	808+97.79	-22.562	561.924	562.221
9	809+07.76	-22.474	561.697	561.982
10	809+17.73	-22.387	561.470	561.728
11	809+27.70	-22.299	561.242	561.469
12	809+37.67	-22.211	561.015	561.198
13	809+47.64	-22.123	560.788	560.928
14	809+57.61	-22.035	560.560	560.656
15	809+67.58	-21.947	560.333	560.393
16	809+77.55	-21.859	560.106	560.133
17	809+87.53	-21.771	559.878	559.888
⊕ Pier 1	809+93.00	-21.723	559.754	559.754
19	810+02.97	-21.635	559.526	559.531
20	810+12.94	-21.547	559.299	559.315
21	810+22.91	-21.459	559.072	559.109
22	810+32.89	-21.370	558.844	558.911
23	810+42.86	-21.282	558.617	558.717
24	810+52.83	-21.194	558.389	558.524
25	810+62.80	-21.106	558.162	558.329
26	810+72.77	-21.018	557.935	558.132
27	810+82.75	-20.929	557.707	557.920
28	810+92.72	-20.841	557.480	557.699
29	811+02.69	-20.753	557.253	557.465
30	811+12.66	-20.664	557.025	557.214
31	811+22.64	-20.576	556.798	556.955
32	811+32.61	-20.487	556.570	556.681
33	811+42.58	-20.399	556.343	556.399
⊕ Brg. Pier 2	811+52.09	-20.315	556.126	556.126

NOTES:

1. Stations, elevations and offsets are in feet. All offsets are measured from ⊕/⊗ F.A.I. 39.
2. Work this sheet with sheet 22.

**TOP OF SLAB ELEVATIONS- SPANS 1 AND 2
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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