

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET
F.A.I. 39	50-4B	LASALLE		107
FED. ROAD DIST. NO. 7	ILLINOIS	FED. AID PROJECT		

SHEET NO. 85
313 SHEETS

Contract # 66586

GIRDER 1

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevation Adjusted For Dead Load Deflection
⊕ Brg. Pier 35	866+28.67	-40.208	518.663	518.663
2	866+38.67	-40.208	518.617	518.660
3	866+48.67	-40.208	518.571	518.653
4	866+58.67	-40.208	518.524	518.638
5	866+68.67	-40.208	518.478	518.614
6	866+78.67	-40.208	518.432	518.577
7	866+88.67	-40.208	518.386	518.529
8	866+98.67	-40.208	518.339	518.472
9	867+08.67	-40.208	518.293	518.408
10	867+18.67	-40.208	518.247	518.335
11	867+28.67	-40.208	518.201	518.262
12	867+38.67	-40.208	518.154	518.191
13	867+48.67	-40.208	518.108	518.123
⊕ Pier 36	867+61.00	-40.208	518.051	518.051
15	867+71.00	-40.208	518.005	518.011
16	867+81.00	-40.208	517.959	517.976
17	867+91.00	-40.208	517.912	517.950
18	868+01.00	-40.208	517.866	517.927
19	868+11.00	-40.208	517.820	517.904
20	868+21.00	-40.208	517.774	517.878
21	868+31.00	-40.208	517.727	517.844
22	868+41.00	-40.208	517.681	517.806
23	868+51.00	-40.208	517.635	517.754
24	868+61.00	-40.208	517.589	517.697
25	868+71.00	-40.208	517.542	517.632
26	868+81.00	-40.208	517.496	517.560
27	868+91.00	-40.208	517.450	517.489
28	869+01.00	-40.208	517.404	517.421
29	869+11.00	-40.208	517.358	517.363
⊕ Pier 37	869+20.00	-40.208	517.316	517.316
31	869+30.00	-40.208	517.270	517.282
32	869+40.00	-40.208	517.223	517.257
33	869+50.00	-40.208	517.177	517.236
34	869+60.00	-40.208	517.131	517.220
35	869+70.00	-40.208	517.085	517.202
36	869+80.00	-40.208	517.038	517.178
37	869+90.00	-40.208	516.992	517.147
38	870+00.00	-40.208	516.946	517.106
39	870+10.00	-40.208	516.900	517.051
40	870+20.00	-40.208	516.854	516.986
41	870+30.00	-40.208	516.807	516.911
42	870+40.00	-40.208	516.761	516.826
⊕ Brg. Pier 38	870+54.08	-40.208	516.696	516.696

GIRDER 2

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevation Adjusted For Dead Load Deflection
⊕ Brg. Pier 35	866+28.67	-30.958	518.848	518.848
2	866+38.67	-30.958	518.802	518.852
3	866+48.67	-30.958	518.756	518.849
4	866+58.67	-30.958	518.709	518.839
5	866+68.67	-30.958	518.663	518.819
6	866+78.67	-30.958	518.617	518.783
7	866+88.67	-30.958	518.571	518.735
8	866+98.67	-30.958	518.524	518.677
9	867+08.67	-30.958	518.478	518.609
10	867+18.67	-30.958	518.432	518.533
11	867+28.67	-30.958	518.386	518.456
12	867+38.67	-30.958	518.339	518.381
13	867+48.67	-30.958	518.293	518.310
⊕ Pier 36	867+61.00	-30.958	518.236	518.236
15	867+71.00	-30.958	518.190	518.196
16	867+81.00	-30.958	518.144	518.163
17	867+91.00	-30.958	518.097	518.140
18	868+01.00	-30.958	518.051	518.121
19	868+11.00	-30.958	518.005	518.101
20	868+21.00	-30.958	517.959	518.077
21	868+31.00	-30.958	517.912	518.046
22	868+41.00	-30.958	517.866	518.009
23	868+51.00	-30.958	517.820	517.956
24	868+61.00	-30.958	517.774	517.897
25	868+71.00	-30.958	517.727	517.830
26	868+81.00	-30.958	517.681	517.754
27	868+91.00	-30.958	517.635	517.679
28	869+01.00	-30.958	517.589	517.608
29	869+11.00	-30.958	517.543	517.549
⊕ Pier 37	869+20.00	-30.958	517.501	517.501
31	869+30.00	-30.958	517.455	517.469
32	869+40.00	-30.958	517.408	517.446
33	869+50.00	-30.958	517.362	517.430
34	869+60.00	-30.958	517.316	517.417
35	869+70.00	-30.958	517.270	517.403
36	869+80.00	-30.958	517.223	517.383
37	869+90.00	-30.958	517.177	517.354
38	870+00.00	-30.958	517.131	517.314
39	870+10.00	-30.958	517.085	517.258
40	870+20.00	-30.958	517.039	517.190
41	870+30.00	-30.958	516.992	517.111
42	870+40.00	-30.958	516.946	517.020
⊕ Brg. Pier 38	870+54.08	-30.958	516.881	516.881

GIRDER 3

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevation Adjusted For Dead Load Deflection
⊕ Brg. Pier 35	866+28.67	-21.708	519.033	519.033
2	866+38.67	-21.708	518.987	519.037
3	866+48.67	-21.708	518.941	519.034
4	866+58.67	-21.708	518.894	519.024
5	866+68.67	-21.708	518.848	519.004
6	866+78.67	-21.708	518.802	518.968
7	866+88.67	-21.708	518.756	518.920
8	866+98.67	-21.708	518.709	518.862
9	867+08.67	-21.708	518.663	518.794
10	867+18.67	-21.708	518.617	518.718
11	867+28.67	-21.708	518.571	518.641
12	867+38.67	-21.708	518.524	518.566
13	867+48.67	-21.708	518.478	518.495
⊕ Pier 36	867+61.00	-21.708	518.421	518.421
15	867+71.00	-21.708	518.375	518.381
16	867+81.00	-21.708	518.329	518.348
17	867+91.00	-21.708	518.282	518.325
18	868+01.00	-21.708	518.236	518.306
19	868+11.00	-21.708	518.190	518.286
20	868+21.00	-21.708	518.144	518.262
21	868+31.00	-21.708	518.097	518.231
22	868+41.00	-21.708	518.051	518.194
23	868+51.00	-21.708	518.005	518.141
24	868+61.00	-21.708	517.959	518.082
25	868+71.00	-21.708	517.912	518.015
26	868+81.00	-21.708	517.866	517.939
27	868+91.00	-21.708	517.820	517.864
28	869+01.00	-21.708	517.774	517.793
29	869+11.00	-21.708	517.728	517.734
⊕ Pier 37	869+20.00	-21.708	517.686	517.686
31	869+30.00	-21.708	517.640	517.654
32	869+40.00	-21.708	517.593	517.631
33	869+50.00	-21.708	517.547	517.615
34	869+60.00	-21.708	517.501	517.602
35	869+70.00	-21.708	517.455	517.588
36	869+80.00	-21.708	517.408	517.568
37	869+90.00	-21.708	517.362	517.539
38	870+00.00	-21.708	517.316	517.499
39	870+10.00	-21.708	517.270	517.443
40	870+20.00	-21.708	517.224	517.375
41	870+30.00	-21.708	517.177	517.296
42	870+40.00	-21.708	517.131	517.205
⊕ Brg. Pier 38	870+54.08	-21.708	517.066	517.066

GIRDER 4

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevation Adjusted For Dead Load Deflection
⊕ Brg. Pier 35	866+28.67	-12.458	519.218	519.218
2	866+38.67	-12.458	519.172	519.222
3	866+48.67	-12.458	519.126	519.219
4	866+58.67	-12.458	519.079	519.209
5	866+68.67	-12.458	519.033	519.189
6	866+78.67	-12.458	518.987	519.153
7	866+88.67	-12.458	518.941	519.105
8	866+98.67	-12.458	518.894	519.047
9	867+08.67	-12.458	518.848	518.979
10	867+18.67	-12.458	518.802	518.903
11	867+28.67	-12.458	518.756	518.826
12	867+38.67	-12.458	518.709	518.751
13	867+48.67	-12.458	518.663	518.680
⊕ Pier 36	867+61.00	-12.458	518.606	518.606
15	867+71.00	-12.458	518.560	518.566
16	867+81.00	-12.458	518.514	518.533
17	867+91.00	-12.458	518.467	518.510
18	868+01.00	-12.458	518.421	518.491
19	868+11.00	-12.458	518.375	518.471
20	868+21.00	-12.458	518.329	518.447
21	868+31.00	-12.458	518.282	518.416
22	868+41.00	-12.458	518.236	518.379
23	868+51.00	-12.458	518.190	518.326
24	868+61.00	-12.458	518.144	518.267
25	868+71.00	-12.458	518.097	518.200
26	868+81.00	-12.458	518.051	518.124
27	868+91.00	-12.458	518.005	518.049
28	869+01.00	-12.458	517.959	517.978
29	869+11.00	-12.458	517.913	517.919
⊕ Pier 37	869+20.00	-12.458	517.871	517.871
31	869+30.00	-12.458	517.825	517.839
32	869+40.00	-12.458	517.778	517.816
33	869+50.00	-12.458	517.732	517.800
34	869+60.00	-12.458	517.686	517.787
35	869+70.00	-12.458	517.640	517.773
36	869+80.00	-12.458	517.593	517.753
37	869+90.00	-12.458	517.547	517.724
38	870+00.00	-12.458	517.501	517.684
39	870+10.00	-12.458	517.455	517.628
40	870+20.00	-12.458	517.409	517.560
41	870+30.00	-12.458	517.362	517.481
42	870+40.00	-12.458	517.316	517.390
⊕ Brg. Pier 38	870+54.08	-12.458	517.251	517.251

**TOP OF SLAB ELEVATIONS-SPANS 36 THRU 38
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)**

NOTES:

1. Stations, elevations and offsets are in feet. All offsets are measured from ⊕/⊕ F.A.I. 39.
2. Work this sheet with sheet 84.

benesch

alfred benesch & company
Engineers • Surveyors • Planners
205 North Michigan Avenue, Suite 2400
Chicago, Illinois 60601
312-665-0460
Job # 3856

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

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