

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET	SHEET NO. 79
F.A.I. 39	50-4B	LASALLE		101	313 SHEETS
FED. ROAD DIST. NO. 7	ILLINOIS	FED. AID PROJECT	Contract # 66586		

STRINGER S3

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevation Adjusted For Dead Load Deflection
⊕ Brg. Pier 34	860+05.75	-21.708	521.919	521.937
2	860+14.88	-21.708	521.877	521.924
3	860+24.00	-21.708	521.835	521.905
4	860+33.13	-21.708	521.793	521.879
5	860+42.25	-21.708	521.753	521.851
6	860+51.38	-21.708	521.708	521.823
7	860+60.50	-21.708	521.666	521.797
8	860+69.63	-21.708	521.624	521.766
9	860+78.75	-21.708	521.582	521.735
10	860+87.88	-21.708	521.539	521.707
11	860+97.00	-21.708	521.497	521.680
12	861+06.13	-21.708	521.455	521.648
13	861+15.25	-21.708	521.413	521.616
14	861+24.38	-21.708	521.371	521.589
15	861+33.50	-21.708	521.328	521.559
16	861+42.63	-21.708	521.286	521.525
17	861+51.75	-21.708	521.244	521.487
18	861+60.88	-21.708	521.202	521.458
19	861+70.00	-21.708	521.160	521.429
20	861+79.13	-21.708	521.117	521.394
21	861+88.25	-21.708	521.075	521.357
22	861+97.38	-21.708	521.033	521.326
23	862+06.50	-21.708	520.991	521.293
24	862+15.63	-21.708	520.949	521.256
25	862+24.75	-21.708	520.907	521.217
26	862+33.88	-21.708	520.864	521.183
27	862+43.00	-21.708	520.822	521.148
28	862+52.13	-21.708	520.780	521.107
29	862+61.25	-21.708	520.738	521.064
30	862+70.38	-21.708	520.696	521.027
31	862+79.50	-21.708	520.653	520.991
32	862+88.63	-21.708	520.611	520.949
33	862+97.75	-21.708	520.569	520.906
34	863+06.88	-21.708	520.527	520.867
35	863+16.00	-21.708	520.485	520.826
36	863+25.13	-21.708	520.442	520.780
37	863+34.25	-21.708	520.400	520.734
38	863+43.38	-21.708	520.358	520.692
39	863+52.50	-21.708	520.316	520.648
40	863+61.63	-21.708	520.274	520.599
41	863+70.75	-21.708	520.231	520.549
42	863+79.88	-21.708	520.189	520.508
43	863+89.00	-21.708	520.147	520.464
44	863+98.13	-21.708	520.105	520.414
45	864+07.25	-21.708	520.063	520.362

STRINGER S3 (CONT'D)

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevation Adjusted For Dead Load Deflection
46	864+16.38	-21.708	520.021	520.315
47	864+25.50	-21.708	519.978	520.267
48	864+34.63	-21.708	519.936	520.215
49	864+43.75	-21.708	519.894	520.163
50	864+52.88	-21.708	519.852	520.114
51	864+62.00	-21.708	519.810	520.065
52	864+71.13	-21.708	519.767	520.008
53	864+80.25	-21.708	519.725	519.954
54	864+89.38	-21.708	519.683	519.907
55	864+98.50	-21.708	519.641	519.858
56	865+07.63	-21.708	519.599	519.803
57	865+16.75	-21.708	519.556	519.746
58	865+25.88	-21.708	519.514	519.694
59	865+35.00	-21.708	519.472	519.643
60	865+44.13	-21.708	519.430	519.587
61	865+53.25	-21.708	519.388	519.530
62	865+62.38	-21.708	519.345	519.478
63	865+71.50	-21.708	519.303	519.425
64	865+80.63	-21.708	519.261	519.369
65	865+89.75	-21.708	519.219	519.311
66	865+98.88	-21.708	519.177	519.258
67	866+08.00	-21.708	519.134	519.201
68	866+17.13	-21.708	519.092	519.137
⊕ Brg. Pier 35	866+26.25	-21.708	519.050	519.068

STRINGER S4

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevation Adjusted For Dead Load Deflection
⊕ Brg. Pier 34	860+05.75	-12.458	522.104	522.126
2	860+14.88	-12.458	522.062	522.113
3	860+24.00	-12.458	522.020	522.095
4	860+33.13	-12.458	521.978	522.067
5	860+42.25	-12.458	521.935	522.036
6	860+51.38	-12.458	521.893	522.010
7	860+60.50	-12.458	521.851	521.983
8	860+69.63	-12.458	521.809	521.951
9	860+78.75	-12.458	521.767	521.919
10	860+87.88	-12.458	521.724	521.890
11	860+97.00	-12.458	521.682	521.861
12	861+06.13	-12.458	521.640	521.829
13	861+15.25	-12.458	521.598	521.796
14	861+24.38	-12.458	521.556	521.768
15	861+33.50	-12.458	521.513	521.737
16	861+42.63	-12.458	521.471	521.702
17	861+51.75	-12.458	521.429	521.664
18	861+60.88	-12.458	521.387	521.633
19	861+70.00	-12.458	521.345	521.604
20	861+79.13	-12.458	521.302	521.569
21	861+88.25	-12.458	521.260	521.532
22	861+97.38	-12.458	521.218	521.500
23	862+06.50	-12.458	521.176	521.466
24	862+15.63	-12.458	521.134	521.429
25	862+24.75	-12.458	521.092	521.391
26	862+33.88	-12.458	521.049	521.356
27	862+43.00	-12.458	521.007	521.321
28	862+52.13	-12.458	520.965	521.280
29	862+61.25	-12.458	520.923	521.236
30	862+70.38	-12.458	520.881	521.199
31	862+79.50	-12.458	520.838	521.163
32	862+88.63	-12.458	520.796	521.122
33	862+97.75	-12.458	520.754	521.078
34	863+06.88	-12.458	520.712	521.040
35	863+16.00	-12.458	520.670	521.000
36	863+25.13	-12.458	520.627	520.954
37	863+34.25	-12.458	520.585	520.908
38	863+43.38	-12.458	520.543	520.867
39	863+52.50	-12.458	520.501	520.823
40	863+61.63	-12.458	520.459	520.774
41	863+70.75	-12.458	520.416	520.725
42	863+79.88	-12.458	520.374	520.684
43	863+89.00	-12.458	520.332	520.641
44	863+98.13	-12.458	520.290	520.591
45	864+07.25	-12.458	520.248	520.540

STRINGER S4 (CONT'D)

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevation Adjusted For Dead Load Deflection
46	864+16.38	-12.458	520.205	520.493
47	864+25.50	-12.458	520.163	520.446
48	864+34.63	-12.458	520.121	520.395
49	864+43.75	-12.458	520.079	520.343
50	864+52.88	-12.458	520.037	520.295
51	864+62.00	-12.458	519.994	520.245
52	864+71.13	-12.458	519.952	520.190
53	864+80.25	-12.458	519.910	520.136
54	864+89.38	-12.458	519.868	520.091
55	864+98.50	-12.458	519.826	520.042
56	865+07.63	-12.458	519.784	519.988
57	865+16.75	-12.458	519.741	519.931
58	865+25.88	-12.458	519.699	519.881
59	865+35.00	-12.458	519.657	519.829
60	865+44.13	-12.458	519.615	519.774
61	865+53.25	-12.458	519.573	519.718
62	865+62.38	-12.458	519.530	519.667
63	865+71.50	-12.458	519.488	519.615
64	865+80.63	-12.458	519.446	519.559
65	865+89.75	-12.458	519.404	519.502
66	865+98.88	-12.458	519.362	519.449
67	866+08.00	-12.458	519.319	519.392
68	866+17.13	-12.458	519.277	519.327
⊕ Brg. Pier 35	866+26.25	-12.458	519.235	519.257

- NOTES:**
1. Stations, elevations and offsets are in feet. All offsets are measured from ⊕/⊗ F.A.I. 39.
 2. Work this sheet with sheet 77.

**TOP OF SLAB ELEVATIONS - SPAN 35
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
312-865-0450
Job # 3856

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

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