

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	SHEET NO. 97
F.A.I. 39	50-4B	LASALLE		119	313 SHEETS
FED. ROAD DIST. NO. 7		ILLINOIS		FED. AID PROJECT	

Contract # 66586

BEAM 1

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevation Adjusted For Dead Load Deflection
☉ Brg. Pier 43	878+53.98	-40.208	512.997	512.997
2	878+63.98	-40.208	512.951	512.999
3	878+73.98	-40.208	512.905	512.992
4	878+83.98	-40.208	512.858	512.968
5	878+93.98	-40.208	512.812	512.924
6	879+03.98	-40.208	512.766	512.861
7	879+13.98	-40.208	512.720	512.779
☉ Brg. N. Abut.	879+26.44	-40.208	512.662	512.662
Bk./N. Abut.	879+27.70	-40.208	512.656	512.656

BEAM 2

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevation Adjusted For Dead Load Deflection
☉ Brg. Pier 43	878+59.40	-30.958	513.157	513.157
2	878+69.40	-30.958	513.111	513.166
3	878+79.40	-30.958	513.065	513.164
4	878+89.40	-30.958	513.018	513.144
5	878+99.40	-30.958	512.972	513.100
6	879+09.40	-30.958	512.926	513.034
7	879+19.40	-30.958	512.880	512.947
☉ Brg. N. Abut.	879+31.86	-30.958	512.822	512.822
Bk./N. Abut.	879+33.12	-30.958	512.816	512.816

BEAM 3

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevation Adjusted For Dead Load Deflection
☉ Brg. Pier 43	878+64.82	-21.708	513.317	513.317
2	878+74.82	-21.708	513.271	513.326
3	878+84.82	-21.708	513.225	513.324
4	878+94.82	-21.708	513.178	513.304
5	879+04.82	-21.708	513.132	513.260
6	879+14.82	-21.708	513.086	513.194
7	879+24.82	-21.708	513.040	513.107
☉ Brg. N. Abut.	879+37.28	-21.708	512.982	512.982
Bk./N. Abut.	879+38.54	-21.708	512.976	512.976

BEAM 4

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevation Adjusted For Dead Load Deflection
☉ Brg. Pier 43	878+70.24	-12.458	513.477	513.477
2	878+80.24	-12.458	513.431	513.486
3	878+90.24	-12.458	513.385	513.484
4	879+00.24	-12.458	513.338	513.464
5	879+10.24	-12.458	513.292	513.420
6	879+20.24	-12.458	513.246	513.354
7	879+30.24	-12.458	513.200	513.267
☉ Brg. N. Abut.	879+42.70	-12.458	513.142	513.142
Bk./N. Abut.	879+43.96	-12.458	513.136	513.136

SB PGL

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevation Adjusted For Dead Load Deflection
☉ Brg. Pier 43	878+73.02	-7.708	513.559	513.559
2	878+83.02	-7.708	513.513	513.561
3	878+93.02	-7.708	513.467	513.554
4	879+03.02	-7.708	513.420	513.530
5	879+13.02	-7.708	513.374	513.486
6	879+23.02	-7.708	513.328	513.423
7	879+33.02	-7.708	513.282	513.341
☉ Brg. N. Abut.	879+45.48	-7.708	513.224	513.224
Bk./N. Abut.	879+46.74	-7.708	513.218	513.218

BEAM 5

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevation Adjusted For Dead Load Deflection
☉ Brg. Pier 43	878+75.66	-3.208	513.637	513.637
2	878+85.66	-3.208	513.591	513.639
3	878+95.66	-3.208	513.544	513.632
4	879+05.66	-3.208	513.498	513.608
5	879+15.66	-3.208	513.452	513.564
6	879+25.66	-3.208	513.406	513.500
7	879+35.66	-3.208	513.359	513.418
☉ Brg. N. Abut.	879+48.12	-3.208	513.302	513.302
Bk./N. Abut.	879+49.38	-3.208	513.296	513.296

BEAM 6

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevation Adjusted For Dead Load Deflection
☉ Brg. Pier 43	878+79.42	3.208	513.620	513.620
2	878+89.42	3.208	513.573	513.621
3	878+99.42	3.208	513.527	513.614
4	879+09.42	3.208	513.481	513.591
5	879+19.42	3.208	513.435	513.546
6	879+29.42	3.208	513.388	513.483
7	879+39.42	3.208	513.342	513.401
☉ Brg. N. Abut.	879+51.88	3.208	513.284	513.284
Bk./N. Abut.	879+53.14	3.208	513.279	513.279

NB PGL

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevation Adjusted For Dead Load Deflection
☉ Brg. Pier 43	878+82.06	7.708	513.517	513.517
2	878+92.06	7.708	513.471	513.526
3	879+02.06	7.708	513.425	513.525
4	879+12.06	7.708	513.379	513.505
5	879+22.06	7.708	513.332	513.460
6	879+32.06	7.708	513.286	513.395
7	879+42.06	7.708	513.240	513.308
☉ Brg. N. Abut.	879+54.52	7.708	513.182	513.182
Bk./N. Abut.	879+55.78	7.708	513.176	513.176

BEAM 7

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevation Adjusted For Dead Load Deflection
☉ Brg. Pier 43	878+84.84	12.458	513.409	513.409
2	878+94.84	12.458	513.363	513.418
3	879+04.84	12.458	513.317	513.417
4	879+14.84	12.458	513.271	513.397
5	879+24.84	12.458	513.225	513.353
6	879+34.84	12.458	513.178	513.287
7	879+44.84	12.458	513.132	513.200
☉ Brg. N. Abut.	879+57.30	12.458	513.074	513.074
Bk./N. Abut.	879+58.56	12.458	513.069	513.069

BEAM 8

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevation Adjusted For Dead Load Deflection
☉ Brg. Pier 43	878+90.26	21.708	513.199	513.199
2	879+00.26	21.708	513.153	513.208
3	879+10.26	21.708	513.107	513.207
4	879+20.26	21.708	513.061	513.187
5	879+30.26	21.708	513.014	513.142
6	879+40.26	21.708	512.968	513.077
7	879+50.26	21.708	512.922	512.990
☉ Brg. N. Abut.	879+62.72	21.708	512.864	512.864
Bk./N. Abut.	879+63.98	21.708	512.859	512.859

BEAM 9

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevation Adjusted For Dead Load Deflection
☉ Brg. Pier 43	878+95.68	30.958	512.989	512.989
2	879+05.68	30.958	512.943	512.998
3	879+15.68	30.958	512.897	512.997
4	879+25.68	30.958	512.851	512.977
5	879+35.68	30.958	512.804	512.932
6	879+45.68	30.958	512.758	512.867
7	879+55.68	30.958	512.712	512.779
☉ Brg. N. Abut.	879+68.14	30.958	512.654	512.654
Bk./N. Abut.	879+69.40	30.958	512.648	512.648

BEAM 10

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevation Adjusted For Dead Load Deflection
☉ Brg. Pier 43	879+01.11	40.208	512.779	512.779
2	879+11.11	40.208	512.733	512.781
3	879+21.11	40.208	512.687	512.774
4	879+31.11	40.208	512.641	512.750
5	879+41.11	40.208	512.594	512.706
6	879+51.11	40.208	512.548	512.643
7	879+61.11	40.208	512.502	512.561
☉ Brg. N. Abut.	879+73.56	40.208	512.444	512.444
Bk./N. Abut.	879+74.82	40.208	512.438	512.438

TOP OF SLAB ELEVATIONS-SPAN 44
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 96.

benesch

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Job # 3856

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

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9/30/2006

8/30/2006