

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	SHEET NO. 6 37 SHEETS
F.A.I. 80/94		COOK	870	479	
FED. ROAD DIST. NO. 1		ILLINOIS FED. AID PROJECT-			
SECTION (0203.1 & 0312-708W) R-3		CONTRACT # 62106			

LONGITUDINAL STAGE
CONSTRUCTION JOINT

Location	Station	Offset (m)	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection
Bk. S. Abut.	39+720.636	-16.208	199.572	199.572
⊕ Brg. S. Abut.	39+721.773	-16.225	199.587	199.587
A	39+724.728	-16.274	199.622	199.629
B	39+727.684	-16.332	199.658	199.669
C	39+730.639	-16.398	199.692	199.707
D	39+733.594	-16.471	199.726	199.741
E	39+736.549	-16.553	199.759	199.772
F	39+739.503	-16.643	199.792	199.800
⊕ S. Brg. Pier 1	39+743.613	-16.781	199.835	199.835
⊕ Pier 1	39+743.892	-16.791	199.838	199.838
⊕ N. Brg. Pier 1	39+744.165	-16.794	199.841	199.841
G	39+747.119	-16.836	199.868	199.882
H	39+750.073	-16.886	199.895	199.921
I	39+753.027	-16.944	199.921	199.957
J	39+755.981	-17.010	199.946	199.988
K	39+758.934	-17.084	199.971	200.014
L	39+761.887	-17.166	199.995	200.035
M	39+764.840	-17.256	200.018	200.050
N	39+767.792	-17.355	200.041	200.062
O	39+770.743	-17.461	200.059	200.066
⊕ S. Brg. Pier 2	39+772.420	-17.525	200.062	200.062
⊕ Pier 2	39+772.693	-17.535	200.062	200.062
⊕ N. Brg. Pier 2	39+772.970	-17.540	200.062	200.062
P	39+775.922	-17.593	200.064	200.070
Q	39+778.874	-17.653	200.064	200.075
R	39+781.826	-17.722	200.064	200.077
S	39+784.777	-17.799	200.062	200.075
T	39+787.728	-17.883	200.060	200.072
U	39+790.679	-17.976	200.057	200.065
⊕ Brg. N. Abut.	39+794.290	-18.101	200.052	200.052
Bk. N. Abut.	39+795.398	-18.141	200.050	200.050

BEAM 9

Location	Station	Offset (m)	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection
Bk. S. Abut.	39+720.240	-15.422	199.532	199.532
⊕ Brg. S. Abut.	39+721.377	-15.437	199.546	199.546
A	39+724.335	-15.481	199.582	199.589
B	39+727.293	-15.534	199.617	199.629
C	39+730.251	-15.594	199.652	199.666
D	39+733.208	-15.663	199.686	199.701
E	39+736.165	-15.740	199.719	199.732
F	39+739.121	-15.825	199.751	199.760
⊕ S. Brg. Pier 1	39+743.219	-15.956	199.795	199.795
⊕ Pier 1	39+743.499	-15.965	199.798	199.798
⊕ N. Brg. Pier 1	39+743.771	-15.968	199.800	199.800
G	39+746.728	-16.005	199.828	199.841
H	39+749.684	-16.050	199.854	199.880
I	39+752.641	-16.103	199.880	199.916
J	39+755.597	-16.164	199.906	199.947
K	39+758.552	-16.233	199.930	199.973
L	39+761.508	-16.311	199.954	199.994
M	39+764.463	-16.396	199.977	200.009
N	39+767.417	-16.489	200.000	200.020
O	39+770.371	-16.591	200.019	200.027
⊕ S. Brg. Pier 2	39+772.031	-16.651	200.023	200.023
⊕ Pier 2	39+772.304	-16.661	200.024	200.024
⊕ N. Brg. Pier 2	39+772.581	-16.665	200.024	200.024
P	39+775.535	-16.713	200.026	200.033
Q	39+778.490	-16.769	200.028	200.038
R	39+781.444	-16.832	200.028	200.041
S	39+784.398	-16.904	200.028	200.041
T	39+787.351	-16.984	200.027	200.038
U	39+790.304	-17.072	200.025	200.033
⊕ Brg. N. Abut.	39+793.906	-17.190	200.021	200.021
Bk. N. Abut.	39+795.015	-17.229	200.019	200.019

BEAM 10

Location	Station	Offset (m)	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection
Bk. S. Abut.	39+719.448	-13.849	199.452	199.452
⊕ Brg. S. Abut.	39+720.584	-13.860	199.466	199.466
A	39+723.547	-13.895	199.502	199.509
B	39+726.509	-13.938	199.537	199.549
C	39+729.471	-13.989	199.571	199.586
D	39+732.433	-14.047	199.605	199.620
E	39+735.394	-14.114	199.638	199.651
F	39+738.355	-14.189	199.670	199.679
⊕ S. Brg. Pier 1	39+742.430	-14.306	199.713	199.713
⊕ Pier 1	39+742.710	-14.315	199.716	199.716
⊕ N. Brg. Pier 1	39+742.982	-14.317	199.719	199.719
G	39+745.943	-14.344	199.746	199.759
H	39+748.905	-14.379	199.773	199.799
I	39+751.866	-14.422	199.799	199.834
J	39+754.826	-14.473	199.824	199.865
K	39+757.787	-14.532	199.848	199.891
L	39+760.747	-14.599	199.872	199.911
M	39+763.706	-14.675	199.895	199.927
N	39+766.666	-14.758	199.917	199.938
O	39+769.624	-14.849	199.939	199.946
⊕ S. Brg. Pier 2	39+771.250	-14.903	199.945	199.945
⊕ Pier 2	39+771.523	-14.912	199.946	199.946
⊕ N. Brg. Pier 2	39+771.800	-14.916	199.946	199.946
P	39+774.760	-14.953	199.951	199.957
Q	39+777.719	-14.999	199.954	199.965
R	39+780.679	-15.053	199.957	199.969
S	39+783.637	-15.115	199.959	199.971
T	39+786.596	-15.185	199.960	199.971
U	39+789.554	-15.263	199.960	199.968
⊕ Brg. N. Abut.	39+793.135	-15.368	199.959	199.959
Bk. N. Abut.	39+794.245	-15.403	199.958	199.958

BEAM 11

Location	Station	Offset (m)	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection
Bk. S. Abut.	39+718.653	-12.277	199.372	199.372
⊕ Brg. S. Abut.	39+719.790	-12.285	199.386	199.386
A	39+722.756	-12.310	199.422	199.428
B	39+725.723	-12.343	199.457	199.468
C	39+728.689	-12.384	199.491	199.505
D	39+731.655	-12.433	199.524	199.539
E	39+734.621	-12.490	199.557	199.570
F	39+737.587	-12.555	199.589	199.598
⊕ S. Brg. Pier 1	39+741.640	-12.658	199.632	199.632
⊕ Pier 1	39+741.919	-12.665	199.635	199.635
⊕ N. Brg. Pier 1	39+742.191	-12.666	199.637	199.637
G	39+745.157	-12.683	199.665	199.678
H	39+748.123	-12.708	199.691	199.717
I	39+751.088	-12.741	199.717	199.752
J	39+754.054	-12.783	199.742	199.783
K	39+757.019	-12.832	199.766	199.809
L	39+759.984	-12.889	199.790	199.829
M	39+762.948	-12.955	199.813	199.844
N	39+765.912	-13.028	199.835	199.855
O	39+768.876	-13.110	199.856	199.863
⊕ S. Brg. Pier 2	39+770.468	-13.157	199.866	199.866
⊕ Pier 2	39+770.741	-13.165	199.867	199.867
⊕ N. Brg. Pier 2	39+771.018	-13.167	199.867	199.867
P	39+773.983	-13.195	199.874	199.880
Q	39+776.947	-13.230	199.879	199.890
R	39+779.911	-13.274	199.884	199.896
S	39+782.875	-13.325	199.888	199.901
T	39+785.838	-13.385	199.890	199.902
U	39+788.801	-13.453	199.893	199.901
⊕ Brg. N. Abut.	39+792.362	-13.545	199.894	199.894
Bk. N. Abut.	39+793.472	-13.576	199.894	199.894

DESIGNED	M.R./ H.T.
CHECKED	H.T.
DRAWN	J.B./ J.S.
CHECKED	H.T./ M.R.

ILLINOIS DEPARTMENT OF TRANSPORTATION
I-94/IL 394 SOUTH BOUND
TOP OF SLAB ELEVATIONS 1 OF 3
SB IL. ROUTE 394 OVER CANADIAN NATIONAL RR
F.A.P. 332 SECTION (0203.1 & 0312-708W) R-3
COOK COUNTY
STA. 39+752.246 S.N. 016-2798 (INSIDE LANES)
DATE: July 18, 2005
SCALE: NONE
Soodan
Soodan & Associates, Inc.
100 North LaSalle Street, Suite 1800
Chicago, Illinois 60602