

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	SHEET NO. 7 37 SHEETS
F.A.I. 80/94		COOK	870	480	
FED. ROAD DIST. NO. 1	ILLINOIS	FED. AID PROJECT-			
SECTION (0203.1 & 0312-708W) R-3			CONTRACT # 62108		

BEAM 12

Location	Station	Offset (m)	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection
Bk. S. Abut.	39+717.855	-10.706	199.292	199.292
☉ Brg. S. Abut.	39+718.993	-10.710	199.305	199.305
A	39+721.964	-10.725	199.341	199.348
B	39+724.934	-10.748	199.376	199.388
C	39+727.905	-10.779	199.410	199.425
D	39+730.876	-10.818	199.444	199.458
E	39+733.846	-10.865	199.476	199.489
F	39+736.816	-10.921	199.508	199.517
☉ S. Brg. Pier 1	39+740.846	-11.009	199.551	199.551
☉ Pier 1	39+741.125	-11.016	199.553	199.553
☉ N. Brg. Pier 1	39+741.398	-11.016	199.556	199.556
G	39+744.368	-11.023	199.583	199.596
H	39+747.338	-11.038	199.609	199.635
I	39+750.308	-11.061	199.635	199.671
J	39+753.278	-11.092	199.660	199.701
K	39+756.248	-11.131	199.684	199.727
L	39+759.218	-11.178	199.707	199.747
M	39+762.187	-11.234	199.730	199.762
N	39+765.156	-11.297	199.752	199.772
O	39+768.124	-11.369	199.773	199.780
☉ S. Brg. Pier 2	39+769.683	-11.410	199.784	199.784
☉ Pier 2	39+769.956	-11.417	199.786	199.786
☉ N. Brg. Pier 2	39+770.233	-11.419	199.787	199.787
P	39+773.202	-11.436	199.796	199.802
Q	39+776.171	-11.462	199.803	199.814
R	39+779.140	-11.495	199.809	199.822
S	39+782.109	-11.537	199.816	199.828
T	39+785.077	-11.587	199.820	199.832
U	39+788.045	-11.644	199.825	199.832
☉ Brg. N. Abut.	39+791.586	-11.724	199.828	199.828
Bk. N. Abut.	39+792.697	-11.752	199.829	199.829

BEAM 13

Location	Station	Offset (m)	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection
Bk. S. Abut.	39+717.056	-9.136	199.211	199.211
☉ Brg. S. Abut.	39+718.193	-9.135	199.225	199.225
A	39+721.168	-9.140	199.261	199.267
B	39+724.144	-9.153	199.295	199.307
C	39+727.119	-9.175	199.329	199.344
D	39+730.094	-9.204	199.363	199.378
E	39+733.069	-9.241	199.395	199.408
F	39+736.043	-9.287	199.427	199.436
☉ S. Brg. Pier 1	39+740.050	-9.361	199.469	199.469
☉ Pier 1	39+740.329	-9.367	199.472	199.472
☉ N. Brg. Pier 1	39+740.602	-9.366	199.474	199.474
G	39+743.577	-9.363	199.501	199.515
H	39+746.551	-9.368	199.527	199.553
I	39+749.526	-9.381	199.553	199.589
J	39+752.500	-9.402	199.578	199.619
K	39+755.475	-9.431	199.602	199.645
L	39+758.449	-9.469	199.625	199.664
M	39+761.423	-9.514	199.648	199.679
N	39+764.397	-9.568	199.670	199.690
O	39+767.370	-9.630	199.691	199.697
☉ S. Brg. Pier 2	39+768.895	-9.665	199.701	199.701
☉ Pier 2	39+769.169	-9.671	199.703	199.703
☉ N. Brg. Pier 2	39+769.446	-9.671	199.705	199.705
P	39+772.420	-9.679	199.716	199.723
Q	39+775.394	-9.694	199.726	199.736
R	39+778.368	-9.718	199.734	199.747
S	39+781.341	-9.749	199.742	199.755
T	39+784.314	-9.789	199.749	199.760
U	39+787.287	-9.837	199.755	199.763
☉ Brg. N. Abut.	39+790.808	-9.904	199.762	199.762
Bk. N. Abut.	39+791.920	-9.927	199.763	199.763

BEAM 14

Location	Station	Offset (m)	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection
Bk. S. Abut.	39+716.254	-7.566	199.131	199.131
☉ Brg. S. Abut.	39+717.392	-7.562	199.144	199.144
A	39+720.371	-7.557	199.180	199.187
B	39+723.351	-7.560	199.215	199.226
C	39+726.330	-7.571	199.249	199.263
D	39+729.310	-7.591	199.282	199.297
E	39+732.289	-7.618	199.314	199.327
F	39+735.268	-7.654	199.346	199.355
☉ S. Brg. Pier 1	39+739.252	-7.714	199.387	199.387
☉ Pier 1	39+739.532	-7.719	199.390	199.390
☉ N. Brg. Pier 1	39+739.804	-7.718	199.393	199.393
G	39+742.783	-7.704	199.420	199.433
H	39+745.762	-7.699	199.446	199.472
I	39+748.742	-7.702	199.471	199.507
J	39+751.721	-7.713	199.496	199.537
K	39+754.700	-7.733	199.519	199.562
L	39+757.679	-7.760	199.543	199.582
M	39+760.657	-7.796	199.565	199.596
N	39+763.636	-7.839	199.587	199.607
O	39+766.614	-7.891	199.608	199.615
☉ S. Brg. Pier 2	39+768.106	-7.920	199.618	199.618
☉ Pier 2	39+768.379	-7.926	199.620	199.620
☉ N. Brg. Pier 2	39+768.657	-7.925	199.622	199.622
P	39+771.635	-7.922	199.636	199.643
Q	39+774.614	-7.927	199.647	199.658
R	39+777.592	-7.940	199.658	199.671
S	39+780.571	-7.962	199.668	199.681
T	39+783.549	-7.991	199.676	199.688
U	39+786.527	-8.029	199.685	199.692
☉ Brg. N. Abut.	39+790.028	-8.084	199.694	199.694
Bk. N. Abut.	39+791.140	-8.103	199.696	199.696

BEAM 15

Location	Station	Offset (m)	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection
Bk. S. Abut.	39+715.450	-5.996	199.050	199.050
☉ Brg. S. Abut.	39+716.588	-5.988	199.064	199.064
A	39+719.571	-5.973	199.099	199.106
B	39+722.555	-5.967	199.134	199.145
C	39+725.539	-5.968	199.168	199.182
D	39+728.523	-5.977	199.201	199.216
E	39+731.507	-5.995	199.233	199.246
F	39+734.490	-6.021	199.265	199.273
☉ S. Brg. Pier 1	39+738.451	-6.067	199.306	199.306
☉ Pier 1	39+738.731	-6.071	199.308	199.308
☉ N. Brg. Pier 1	39+739.004	-6.069	199.311	199.311
G	39+741.987	-6.045	199.338	199.351
H	39+744.971	-6.030	199.364	199.390
I	39+747.954	-6.023	199.389	199.425
J	39+750.938	-6.024	199.413	199.455
K	39+753.922	-6.033	199.437	199.480
L	39+756.905	-6.051	199.460	199.499
M	39+759.889	-6.076	199.482	199.514
N	39+762.872	-6.110	199.504	199.524
O	39+765.855	-6.152	199.525	199.531
☉ S. Brg. Pier 2	39+767.313	-6.175	199.535	199.535
☉ Pier 2	39+767.587	-6.180	199.537	199.537
☉ N. Brg. Pier 2	39+767.864	-6.178	199.538	199.538
P	39+770.847	-6.165	199.554	199.561
Q	39+773.831	-6.160	199.567	199.578
R	39+776.814	-6.163	199.580	199.593
S	39+779.797	-6.175	199.592	199.605
T	39+782.780	-6.194	199.603	199.614
U	39+785.763	-6.222	199.613	199.621
☉ Brg. N. Abut.	39+789.245	-6.264	199.624	199.624
Bk. N. Abut.	39+790.357	-6.280	199.627	199.627

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 2 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