

F.A.I. RTE. 80/94	SECTION *	COUNTY COOK	TOTAL SHEETS 631	SHEET NO. 392
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		
* (2425 & 2626) R-2		CONTRACT NO. 62111		

BEAM N.13

LINE	@ I-94 WB STATION	@ I-94 WB OFFSET (m)	THEORETICAL GRADE ELEVATIONS (m)	ELEVATIONS ADJUSTED FOR D.L. DEFLECTIONS (m)
Bk W Abut	33+397.446	3.6	189.944	189.944
CL W Abut Beam Support	33+397.901	3.6	189.946	189.946
A	33+400.901	3.6	189.947	189.958
B	33+403.901	3.6	189.967	189.969
C	33+406.901	3.6	189.976	189.978
CL W Brg Pier 1	33+410.921	3.6	189.988	189.988
CL E Brg Pier 1	33+411.471	3.6	189.990	189.990
D	33+414.471	3.6	189.998	190.011
E	33+417.471	3.6	190.005	190.027
F	33+420.471	3.6	190.013	190.041
G	33+423.471	3.6	190.019	190.050
H	33+426.471	3.6	190.025	190.056
I	33+429.471	3.6	190.030	190.058
J	33+432.471	3.6	190.034	190.056
K	33+435.471	3.6	190.039	190.051
CL W Brg Pier 2	33+438.421	3.6	190.042	190.042
CL E Brg Pier 2	33+438.971	3.6	190.042	190.042
L	33+441.971	3.6	190.045	190.046
M	33+444.971	3.6	190.047	190.049
N	33+447.971	3.6	190.049	190.050
CL E Abut Beam Support	33+451.991	3.6	190.050	190.050
Bk E Abut	33+452.446	3.6	190.050	190.050

BEAM N.14

LINE	@ I-94 WB STATION	@ I-94 WB OFFSET (m)	THEORETICAL GRADE ELEVATIONS (m)	ELEVATIONS ADJUSTED FOR D.L. DEFLECTIONS (m)
Bk W Abut	33+397.441	1.0	189.983	189.983
CL W Abut Beam Support	33+397.896	1.0	189.985	189.985
A	33+400.896	1.0	189.986	189.997
B	33+403.896	1.0	190.006	190.008
C	33+406.896	1.0	190.015	190.017
CL W Brg Pier 1	33+410.916	1.0	190.027	190.027
CL E Brg Pier 1	33+411.466	1.0	190.029	190.029
D	33+414.466	1.0	190.037	190.050
E	33+417.466	1.0	190.044	190.066
F	33+420.466	1.0	190.052	190.080
G	33+423.466	1.0	190.058	190.089
H	33+426.466	1.0	190.064	190.095
I	33+429.466	1.0	190.069	190.097
J	33+432.466	1.0	190.073	190.095
K	33+435.466	1.0	190.078	190.090
CL W Brg Pier 2	33+438.416	1.0	190.081	190.081
CL E Brg Pier 2	33+438.966	1.0	190.081	190.081
L	33+441.966	1.0	190.084	190.085
M	33+444.966	1.0	190.086	190.088
N	33+447.966	1.0	190.088	190.089
CL E Abut Beam Support	33+451.986	1.0	190.089	190.089
Bk E Abut	33+452.441	1.0	190.089	190.089

BEAM N.15

LINE	@ I-94 WB STATION	@ I-94 WB OFFSET (m)	THEORETICAL GRADE ELEVATIONS (m)	ELEVATIONS ADJUSTED FOR D.L. DEFLECTIONS (m)
Bk W Abut	33+397.439	-1.6	189.974	189.974
CL W Abut Beam Support	33+397.894	-1.6	189.976	189.976
A	33+400.894	-1.6	189.987	189.988
B	33+403.894	-1.6	189.997	189.999
C	33+406.894	-1.6	190.006	190.008
CL W Brg Pier 1	33+410.914	-1.6	190.018	190.018
CL E Brg Pier 1	33+411.464	-1.6	190.020	190.020
D	33+414.464	-1.6	190.028	190.041
E	33+417.464	-1.6	190.035	190.057
F	33+420.464	-1.6	190.043	190.071
G	33+423.464	-1.6	190.049	190.080
H	33+426.464	-1.6	190.055	190.086
I	33+429.464	-1.6	190.060	190.088
J	33+432.464	-1.6	190.064	190.086
K	33+435.464	-1.6	190.069	190.081
CL W Brg Pier 2	33+438.414	-1.6	190.072	190.072
CL E Brg Pier 2	33+438.964	-1.6	190.072	190.072
L	33+441.964	-1.6	190.075	190.076
M	33+444.964	-1.6	190.077	190.079
N	33+447.964	-1.6	190.079	190.080
CL E Abut Beam Support	33+451.984	-1.6	190.080	190.080
Bk E Abut	33+452.439	-1.6	190.080	190.080

BEAM N.16

LINE	@ I-94 WB STATION	@ I-94 WB OFFSET (m)	THEORETICAL GRADE ELEVATIONS (m)	ELEVATIONS ADJUSTED FOR D.L. DEFLECTIONS (m)
Bk W Abut	33+397.435	-4.2	189.935	189.935
CL W Abut Beam Support	33+397.890	-4.2	189.937	189.937
A	33+400.890	-4.2	189.948	189.949
B	33+403.890	-4.2	189.958	189.960
C	33+406.890	-4.2	189.967	189.969
CL W Brg Pier 1	33+410.910	-4.2	189.979	189.979
CL E Brg Pier 1	33+411.460	-4.2	189.981	189.981
D	33+414.460	-4.2	189.989	190.002
E	33+417.460	-4.2	189.996	190.018
F	33+420.460	-4.2	190.004	190.032
G	33+423.460	-4.2	190.010	190.041
H	33+426.460	-4.2	190.016	190.047
I	33+429.460	-4.2	190.021	190.049
J	33+432.460	-4.2	190.025	190.047
K	33+435.460	-4.2	190.030	190.042
CL W Brg Pier 2	33+438.410	-4.2	190.033	190.033
CL E Brg Pier 2	33+438.960	-4.2	190.033	190.033
L	33+441.960	-4.2	190.036	190.037
M	33+444.960	-4.2	190.038	190.040
N	33+447.960	-4.2	190.040	190.041
CL E Abut Beam Support	33+451.980	-4.2	190.041	190.041
Bk E Abut	33+452.435	-4.2	190.041	190.041

BEAM N.17

LINE	@ I-94 WB STATION	@ I-94 WB OFFSET (m)	THEORETICAL GRADE ELEVATIONS (m)	ELEVATIONS ADJUSTED FOR D.L. DEFLECTIONS (m)
Bk W Abut	33+397.432	-6.8	189.883	189.883
CL W Abut Beam Support	33+397.887	-6.8	189.885	189.885
A	33+400.887	-6.8	189.896	189.897
B	33+403.887	-6.8	189.906	189.907
C	33+406.887	-6.8	189.915	189.917
CL W Brg Pier 1	33+410.907	-6.8	189.927	189.927
CL E Brg Pier 1	33+411.457	-6.8	189.929	189.929
D	33+414.457	-6.8	189.937	189.948
E	33+417.457	-6.8	189.944	189.963
F	33+420.457	-6.8	189.952	189.975
G	33+423.457	-6.8	189.958	189.984
H	33+426.457	-6.8	189.964	189.990
I	33+429.457	-6.8	189.969	189.993
J	33+432.457	-6.8	189.973	189.992
K	33+435.457	-6.8	189.978	189.988
CL W Brg Pier 2	33+438.407	-6.8	189.981	189.981
CL E Brg Pier 2	33+438.957	-6.8	189.981	189.981
L	33+441.957	-6.8	189.984	189.985
M	33+444.957	-6.8	189.986	189.988
N	33+447.957	-6.8	189.988	189.989
CL E Abut Beam Support	33+451.977	-6.8	189.989	189.989
Bk E Abut	33+452.432	-6.8	189.989	189.989

BEAM S.1

LINE	@ I-80/94 STATION	@ I-80/94 OFFSET (m)	THEORETICAL GRADE ELEVATIONS (m)	ELEVATIONS ADJUSTED FOR D.L. DEFLECTIONS (m)
Bk W Abut	5+998.500	0.9	189.797	189.797
CL W Abut Beam Support	5+998.955	0.9	189.799	189.799
A	6+001.955	0.9	189.810	189.811
B	6+004.955	0.9	189.820	189.822
C	6+007.955	0.9	189.830	189.831
CL W Brg Pier 1	6+011.975	0.9	189.842	189.842
CL E Brg Pier 1	6+012.525	0.9	189.844	189.844
D	6+015.525	0.9	189.852	189.862
E	6+018.525	0.9	189.859	189.878
F	6+021.525	0.9	189.866	189.890
G	6+024.525	0.9	189.873	189.899
H	6+027.525	0.9	189.879	189.905
I	6+030.525	0.9	189.884	189.908
J	6+033.525	0.9	189.889	189.907
K	6+036.525	0.9	189.893	189.903
CL W Brg Pier 2	6+039.475	0.9	189.896	189.896
CL E Brg Pier 2	6+040.025	0.9	189.897	189.897
L	6+043.025	0.9	189.900	189.901
M	6+046.025	0.9	189.902	189.903
N	6+049.025	0.9	189.904	189.905
CL E Abut Beam Support	6+053.045	0.9	189.905	189.905
Bk E Abut	6+053.500	0.9	189.905	189.905

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SHT. RS-20 OF 70

REVISIONS	
NAME	DATE

Note:
1. Work this sheet with Sht. RS-17.

ILLINOIS DEPARTMENT OF TRANSPORTATION
 F.A.I. ROUTE 80/94 (KINGERY EXPRESSWAY)
 EB & WB INSIDE LANES (MAINLINE) CONSTRUCTION
 I-80/94 OVER RAILROAD AVENUE
 STRUCTURE NO. 016-2792 STA. 6+025.000
 SECTION 1977-121-R
 COOK COUNTY

TOP OF SLAB ELEVATIONS - III

DATE: 7/18/2005
 DRAWN BY: NK
 CHECKED BY: SC

TENG
 TENG & ASSOCIATES, INC.
 ENGINEERS/ARCHITECTS/PLANNERS
 CHICAGO, ILLINOIS