

F.A.I. RTE. 80/94	SECTION *	COUNTY COOK	TOTAL SHEETS 631	SHEET NO. 391
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		
* (2425 & 2626) R-2		CONTRACT NO. 62111		

BEAM N.7

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	-16.47	189.901	189.901
CL W Abut Beam Support	5+998.955	-16.47	189.903	189.903
A	6+001.955	-16.47	189.914	189.915
B	6+004.955	-16.47	189.924	189.926
C	6+007.955	-16.47	189.934	189.935
CL W Brg Pier 1	6+011.975	-16.47	189.946	189.946
CL E Brg Pier 1	6+012.525	-16.47	189.947	189.947
D	6+015.525	-16.47	189.956	189.968
E	6+018.525	-16.47	189.963	189.985
F	6+021.525	-16.47	189.970	189.998
G	6+024.525	-16.47	189.977	190.008
H	6+027.525	-16.47	189.983	190.014
I	6+030.525	-16.47	189.988	190.016
J	6+033.525	-16.47	189.992	190.014
K	6+036.525	-16.47	189.997	190.009
CL W Brg Pier 2	6+039.475	-16.47	190.000	190.000
CL E Brg Pier 2	6+040.025	-16.47	190.001	190.001
L	6+043.025	-16.47	190.003	190.005
M	6+046.025	-16.47	190.006	190.008
N	6+049.025	-16.47	190.007	190.009
CL E Abut Beam Support	6+053.045	-16.47	190.009	190.009
Bk E Abut	6+053.500	-16.47	190.009	190.009

BEAM N.8

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	-19.065	189.849	189.849
CL W Abut Beam Support	5+998.955	-19.065	189.851	189.851
A	6+001.955	-19.065	189.862	189.863
B	6+004.955	-19.065	189.872	189.874
C	6+007.955	-19.065	189.882	189.884
CL W Brg Pier 1	6+011.975	-19.065	189.894	189.894
CL E Brg Pier 1	6+012.525	-19.065	189.895	189.895
D	6+015.525	-19.065	189.904	189.916
E	6+018.525	-19.065	189.911	189.933
F	6+021.525	-19.065	189.918	189.946
G	6+024.525	-19.065	189.925	189.956
H	6+027.525	-19.065	189.931	189.962
I	6+030.525	-19.065	189.936	189.964
J	6+033.525	-19.065	189.941	189.962
K	6+036.525	-19.065	189.945	189.957
CL W Brg Pier 2	6+039.475	-19.065	189.948	189.948
CL E Brg Pier 2	6+040.025	-19.065	189.949	189.949
L	6+043.025	-19.065	189.952	189.953
M	6+046.025	-19.065	189.954	189.956
N	6+049.025	-19.065	189.955	189.957
CL E Abut Beam Support	6+053.045	-19.065	189.957	189.957
Bk E Abut	6+053.500	-19.065	189.957	189.957

BEAM N.9

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	-21.66	189.797	189.797
CL W Abut Beam Support	5+998.955	-21.66	189.799	189.799
A	6+001.955	-21.66	189.810	189.811
B	6+004.955	-21.66	189.820	189.822
C	6+007.955	-21.66	189.830	189.831
CL W Brg Pier 1	6+011.975	-21.66	189.842	189.842
CL E Brg Pier 1	6+012.525	-21.66	189.844	189.844
D	6+015.525	-21.66	189.852	189.862
E	6+018.525	-21.66	189.859	189.878
F	6+021.525	-21.66	189.866	189.890
G	6+024.525	-21.66	189.873	189.899
H	6+027.525	-21.66	189.879	189.905
I	6+030.525	-21.66	189.884	189.908
J	6+033.525	-21.66	189.889	189.907
K	6+036.525	-21.66	189.893	189.903
CL W Brg Pier 2	6+039.475	-21.66	189.896	189.896
CL E Brg Pier 2	6+040.025	-21.66	189.897	189.897
L	6+043.025	-21.66	189.900	189.901
M	6+046.025	-21.66	189.902	189.903
N	6+049.025	-21.66	189.904	189.905
CL E Abut Beam Support	6+053.045	-21.66	189.905	189.905
Bk E Abut	6+053.500	-21.66	189.905	189.905

BEAM N.10

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+397.456	10.944	189.797	189.797
CL W Abut Beam Support	33+397.911	10.943	189.799	189.799
A	33+400.911	10.939	189.840	189.811
B	33+403.911	10.935	189.820	189.822
C	33+406.911	10.931	189.830	189.831
CL W Brg Pier 1	33+410.931	10.925	189.842	189.842
CL E Brg Pier 1	33+411.481	10.925	189.843	189.843
D	33+414.481	10.920	189.852	189.862
E	33+417.481	10.916	189.859	189.878
F	33+420.481	10.912	189.866	189.890
G	33+423.481	10.908	189.873	189.899
H	33+426.481	10.904	189.879	189.905
I	33+429.481	10.900	189.884	189.908
J	33+432.481	10.896	189.888	189.907
K	33+435.481	10.891	189.893	189.903
CL W Brg Pier 2	33+438.431	10.887	189.896	189.896
CL E Brg Pier 2	33+438.981	10.887	189.897	189.897
L	33+441.981	10.882	189.899	189.901
M	33+444.981	10.878	189.902	189.903
N	33+447.981	10.874	189.903	189.905
CL E Abut Beam Support	33+452.001	10.869	189.905	189.905
Bk E Abut	33+452.456	10.868	189.905	189.905

BEAM N.11

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+397.453	8.8	189.840	189.840
CL W Abut Beam Support	33+397.908	8.8	189.842	189.842
A	33+400.908	8.8	189.863	189.854
B	33+403.908	8.8	189.863	189.865
C	33+406.908	8.8	189.872	189.874
CL W Brg Pier 1	33+410.928	8.8	189.884	189.884
CL E Brg Pier 1	33+411.478	8.8	189.886	189.886
D	33+414.478	8.8	189.894	189.907
E	33+417.478	8.8	189.901	189.923
F	33+420.478	8.8	189.909	189.937
G	33+423.478	8.8	189.915	189.946
H	33+426.478	8.8	189.921	189.952
I	33+429.478	8.8	189.926	189.954
J	33+432.478	8.8	189.930	189.952
K	33+435.478	8.8	189.935	189.947
CL W Brg Pier 2	33+438.428	8.8	189.938	189.938
CL E Brg Pier 2	33+438.978	8.8	189.938	189.938
L	33+441.978	8.8	189.941	189.942
M	33+444.978	8.8	189.943	189.945
N	33+447.978	8.8	189.945	189.946
CL E Abut Beam Support	33+451.998	8.8	189.946	189.946
Bk E Abut	33+452.453	8.8	189.946	189.946

BEAM N.12

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+397.450	6.2	189.892	189.892
CL W Abut Beam Support	33+397.905	6.2	189.894	189.894
A	33+400.905	6.2	189.905	189.906
B	33+403.905	6.2	189.915	189.917
C	33+406.905	6.2	189.924	189.926
CL W Brg Pier 1	33+410.925	6.2	189.936	189.936
CL E Brg Pier 1	33+411.475	6.2	189.938	189.938
D	33+414.475	6.2	189.946	189.959
E	33+417.475	6.2	189.953	189.975
F	33+420.475	6.2	189.961	189.989
G	33+423.475	6.2	189.967	189.998
H	33+426.475	6.2	189.973	190.004
I	33+429.475	6.2	189.978	190.006
J	33+432.475	6.2	189.982	190.004
K	33+435.475	6.2	189.987	189.999
CL W Brg Pier 2	33+438.425	6.2	189.990	189.990
CL E Brg Pier 2	33+438.975	6.2	189.990	189.990
L	33+441.975	6.2	189.993	189.994
M	33+444.975	6.2	189.995	189.997
N	33+447.975	6.2	189.997	189.998
CL E Abut Beam Support	33+451.995	6.2	189.998	189.998
Bk E Abut	33+452.450	6.2	189.998	189.998

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SHT. RS-19 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 - II

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

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