

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80/94	*	COOK	631	393
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		
* (2425 & 2626) R-2		CONTRACT NO. 62111		

BEAM S.2

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	3.5	189.849	189.849
CL W Abut Beam Support	5+998.955	3.5	189.851	189.851
A	6+001.955	3.5	189.862	189.863
B	6+004.955	3.5	189.872	189.874
C	6+007.955	3.5	189.882	189.884
CL W Brg Pier 1	6+011.975	3.5	189.894	189.894
CL E Brg Pier 1	6+012.525	3.5	189.896	189.896
D	6+015.525	3.5	189.904	189.916
E	6+018.525	3.5	189.911	189.933
F	6+021.525	3.5	189.918	189.947
G	6+024.525	3.5	189.925	189.956
H	6+027.525	3.5	189.931	189.962
I	6+030.525	3.5	189.936	189.964
J	6+033.525	3.5	189.941	189.962
K	6+036.525	3.5	189.945	189.957
CL W Brg Pier 2	6+039.475	3.5	189.948	189.948
CL E Brg Pier 2	6+040.025	3.5	189.949	189.949
L	6+043.025	3.5	189.952	189.953
M	6+046.025	3.5	189.954	189.956
N	6+049.025	3.5	189.956	189.957
CL E Abut Beam Support	6+053.045	3.5	189.957	189.957
Bk E Abut	6+053.500	3.5	189.957	189.957

BEAM S.3

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	6.1	189.901	189.901
CL W Abut Beam Support	5+998.955	6.1	189.903	189.903
A	6+001.955	6.1	189.914	189.915
B	6+004.955	6.1	189.924	189.926
C	6+007.955	6.1	189.934	189.936
CL W Brg Pier 1	6+011.975	6.1	189.946	189.946
CL E Brg Pier 1	6+012.525	6.1	189.948	189.948
D	6+015.525	6.1	189.956	189.968
E	6+018.525	6.1	189.963	189.985
F	6+021.525	6.1	189.970	189.999
G	6+024.525	6.1	189.977	190.008
H	6+027.525	6.1	189.983	190.014
I	6+030.525	6.1	189.988	190.016
J	6+033.525	6.1	189.993	190.014
K	6+036.525	6.1	189.997	190.009
CL W Brg Pier 2	6+039.475	6.1	190.000	190.000
CL E Brg Pier 2	6+040.025	6.1	190.001	190.001
L	6+043.025	6.1	190.004	190.005
M	6+046.025	6.1	190.006	190.008
N	6+049.025	6.1	190.008	190.009
CL E Abut Beam Support	6+053.045	6.1	190.009	190.009
Bk E Abut	6+053.500	6.1	190.009	190.009

BEAM S.4

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	8.7	189.948	189.948
CL W Abut Beam Support	5+998.955	8.7	189.950	189.950
A	6+001.955	8.7	189.961	189.962
B	6+004.955	8.7	189.971	189.973
C	6+007.955	8.7	189.981	189.983
CL W Brg Pier 1	6+011.975	8.7	189.993	189.993
CL E Brg Pier 1	6+012.525	8.7	189.994	189.994
D	6+015.525	8.7	190.003	190.015
E	6+018.525	8.7	190.010	190.032
F	6+021.525	8.7	190.017	190.045
G	6+024.525	8.7	190.024	190.055
H	6+027.525	8.7	190.030	190.061
I	6+030.525	8.7	190.035	190.063
J	6+033.525	8.7	190.040	190.061
K	6+036.525	8.7	190.044	190.056
CL W Brg Pier 2	6+039.475	8.7	190.047	190.047
CL E Brg Pier 2	6+040.025	8.7	190.048	190.048
L	6+043.025	8.7	190.051	190.052
M	6+046.025	8.7	190.053	190.055
N	6+049.025	8.7	190.054	190.056
CL E Abut Beam Support	6+053.045	8.7	190.056	190.056
Bk E Abut	6+053.500	8.7	190.056	190.056

BEAM S.5

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	11.3	189.987	189.987
CL W Abut Beam Support	5+998.955	11.3	189.988	189.988
A	6+001.955	11.3	189.999	190.001
B	6+004.955	11.3	190.010	190.012
C	6+007.955	11.3	190.019	190.021
CL W Brg Pier 1	6+011.975	11.3	190.031	190.031
CL E Brg Pier 1	6+012.525	11.3	190.033	190.033
D	6+015.525	11.3	190.041	190.054
E	6+018.525	11.3	190.049	190.071
F	6+021.525	11.3	190.056	190.084
G	6+024.525	11.3	190.062	190.093
H	6+027.525	11.3	190.068	190.099
I	6+030.525	11.3	190.073	190.101
J	6+033.525	11.3	190.078	190.100
K	6+036.525	11.3	190.082	190.094
CL W Brg Pier 2	6+039.475	11.3	190.086	190.086
CL E Brg Pier 2	6+040.025	11.3	190.086	190.086
L	6+043.025	11.3	190.089	190.090
M	6+046.025	11.3	190.091	190.093
N	6+049.025	11.3	190.093	190.094
CL E Abut Beam Support	6+053.045	11.3	190.094	190.094
Bk E Abut	6+053.500	11.3	190.094	190.094

BEAM S.6

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	13.9	189.948	189.948
CL W Abut Beam Support	5+998.955	13.9	189.949	189.949
A	6+001.955	13.9	189.960	189.962
B	6+004.955	13.9	189.971	189.973
C	6+007.955	13.9	189.980	189.982
CL W Brg Pier 1	6+011.975	13.9	189.992	189.992
CL E Brg Pier 1	6+012.525	13.9	189.994	189.994
D	6+015.525	13.9	190.002	190.015
E	6+018.525	13.9	190.010	190.032
F	6+021.525	13.9	190.017	190.045
G	6+024.525	13.9	190.023	190.054
H	6+027.525	13.9	190.029	190.060
I	6+030.525	13.9	190.034	190.062
J	6+033.525	13.9	190.039	190.061
K	6+036.525	13.9	190.043	190.055
CL W Brg Pier 2	6+039.475	13.9	190.047	190.047
CL E Brg Pier 2	6+040.025	13.9	190.047	190.047
L	6+043.025	13.9	190.050	190.051
M	6+046.025	13.9	190.052	190.054
N	6+049.025	13.9	190.054	190.055
CL E Abut Beam Support	6+053.045	13.9	190.055	190.055
Bk E Abut	6+053.500	13.9	190.055	190.055

BEAM S.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	16.5	189.901	189.901
CL W Abut Beam Support	5+998.955	16.5	189.902	189.902
A	6+001.955	16.5	189.913	189.915
B	6+004.955	16.5	189.923	189.925
C	6+007.955	16.5	189.933	189.935
CL W Brg Pier 1	6+011.975	16.5	189.945	189.945
CL E Brg Pier 1	6+012.525	16.5	189.947	189.947
D	6+015.525	16.5	189.955	189.967
E	6+018.525	16.5	189.963	189.984
F	6+021.525	16.5	189.970	189.998
G	6+024.525	16.5	189.976	190.007
H	6+027.525	16.5	189.982	190.013
I	6+030.525	16.5	189.987	190.015
J	6+033.525	16.5	189.992	190.014
K	6+036.525	16.5	189.996	190.008
CL W Brg Pier 2	6+039.475	16.5	189.999	189.999
CL E Brg Pier 2	6+040.025	16.5	190.000	190.000
L	6+043.025	16.5	190.003	190.004
M	6+046.025	16.5	190.005	190.007
N	6+049.025	16.5	190.007	190.008
CL E Abut Beam Support	6+053.045	16.5	190.008	190.008
Bk E Abut	6+053.500	16.5	190.008	190.008

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

SHT. RS-21 OF 70

REVISIONS	
NAME	DATE

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 - IV

DATE: 7/18/2005
 DRAWN BY: NK
 CHECKED BY: SC
TENG
 TENG & ASSOCIATES, INC.
 ENGINEERS/ARCHITECTS/PLANNERS
 CHICAGO, ILLINOIS