

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2843	3249B-F	COOK	22	7

FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT-
Sheet 5 of 22 Contract No. 60119

BEAM 1

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection
BK S. Abut.	77+84.728	-23.625	644.121	644.121
CL Brg. S. Abut.	77+86.145	-23.625	644.126	644.126
A	77+96.145	-23.625	644.158	644.184
B	78+06.145	-23.625	644.186	644.225
C	78+16.145	-23.625	644.208	644.243
D	78+26.145	-23.625	644.226	644.242
CL S. Pier	78+37.562	-23.625	644.239	644.239
E	78+47.562	-23.625	644.246	644.255
F	78+57.562	-23.625	644.247	644.271
G	78+67.562	-23.625	644.243	644.274
H	78+77.562	-23.625	644.234	644.258
I	78+87.562	-23.625	644.220	644.229
CL N. Pier	78+97.562	-23.625	644.201	644.201
J	79+07.562	-23.625	644.176	644.190
K	79+17.562	-23.625	644.147	644.179
L	79+27.562	-23.625	644.112	644.151
M	79+37.562	-23.625	644.072	644.101
CL Brg. N. Abut.	79+48.978	-23.625	644.021	644.021
BK N. Abut.	79+50.395	-23.625	644.014	644.014

BEAM 2

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection
BK S. Abut.	77+81.139	-16.875	643.945	643.945
CL Brg. S. Abut.	77+82.556	-16.875	643.951	643.951
A	77+92.556	-16.875	643.985	644.011
B	78+02.556	-16.875	644.015	644.053
C	78+12.556	-16.875	644.039	644.073
D	78+22.556	-16.875	644.058	644.074
CL S. Pier	78+33.973	-16.875	644.074	644.074
E	78+43.973	-16.875	644.082	644.091
F	78+53.973	-16.875	644.085	644.109
G	78+63.973	-16.875	644.083	644.114
H	78+73.973	-16.875	644.076	644.100
I	78+83.973	-16.875	644.064	644.072
CL N. Pier	78+93.973	-16.875	644.046	644.046
J	79+03.973	-16.875	644.024	644.037
K	79+13.973	-16.875	643.996	644.028
L	79+23.973	-16.875	643.963	644.002
M	79+33.973	-16.875	643.925	643.954
CL Brg. N. Abut.	79+45.389	-16.875	643.876	643.876
BK N. Abut.	79+46.806	-16.875	643.869	643.869

BEAM 3

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection
BK S. Abut.	77+77.550	-10.125	643.769	643.769
CL Brg. S. Abut.	77+78.967	-10.125	643.775	643.775
A	77+88.967	-10.125	643.811	643.837
B	77+98.967	-10.125	643.843	643.881
C	78+08.967	-10.125	643.869	643.903
D	78+18.967	-10.125	643.890	643.906
CL S. Pier	78+30.384	-10.125	643.907	643.907
E	78+40.384	-10.125	643.918	643.926
F	78+50.384	-10.125	643.922	643.946
G	78+60.384	-10.125	643.922	643.953
H	78+70.384	-10.125	643.917	643.941
I	78+80.384	-10.125	643.907	643.915
CL N. Pier	78+90.384	-10.125	643.891	643.891
J	79+00.384	-10.125	643.870	643.884
K	79+10.384	-10.125	643.844	643.877
L	79+20.384	-10.125	643.814	643.853
M	79+30.384	-10.125	643.778	643.806
CL Brg. N. Abut.	79+41.800	-10.125	643.730	643.730
BK N. Abut.	79+43.217	-10.125	643.724	643.724

BEAM 4

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection
BK S. Abut.	77+73.961	-3.375	643.593	643.593
CL Brg. S. Abut.	77+75.378	-3.375	643.599	643.599
A	77+85.378	-3.375	643.637	643.662
B	77+95.378	-3.375	643.670	643.709
C	78+05.378	-3.375	643.698	643.732
D	78+15.378	-3.375	643.721	643.737
CL S. Pier	78+26.795	-3.375	643.741	643.741
E	78+36.795	-3.375	643.753	643.761
F	78+46.795	-3.375	643.759	643.783
G	78+56.795	-3.375	643.761	643.792
H	78+66.795	-3.375	643.757	643.781
I	78+76.795	-3.375	643.749	643.758
CL N. Pier	78+86.795	-3.375	643.735	643.735
J	78+96.795	-3.375	643.716	643.730
K	79+06.795	-3.375	643.692	643.725
L	79+16.795	-3.375	643.663	643.702
M	79+26.795	-3.375	643.629	643.657
CL Brg. N. Abut.	79+38.211	-3.375	643.584	643.584
BK N. Abut.	79+39.628	-3.375	643.578	643.578

STAGE LINE & BONDED CONSTRUCTION JOINT

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection
BK S. Abut.	77+72.167	0.0	643.504	643.504
CL Brg. S. Abut.	77+73.583	0.0	643.510	643.510
A	77+83.583	0.0	643.549	643.575
B	77+93.583	0.0	643.583	643.622
C	78+03.583	0.0	643.612	643.646
D	78+13.583	0.0	643.636	643.653
CL S. Pier	78+25.000	0.0	643.657	643.657
E	78+35.000	0.0	643.670	643.679
F	78+45.000	0.0	643.677	643.701
G	78+55.000	0.0	643.680	643.711
H	78+65.000	0.0	643.677	643.701
I	78+75.000	0.0	643.670	643.679
CL N. Pier	78+85.000	0.0	643.657	643.657
J	78+95.000	0.0	643.639	643.653
K	79+05.000	0.0	643.616	643.648
L	79+15.000	0.0	643.588	643.627
M	79+25.000	0.0	643.555	643.583
CL Brg. N. Abut.	79+36.417	0.0	643.510	643.510
BK N. Abut.	79+37.833	0.0	643.504	643.504

BEAM 5

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection
BK S. Abut.	77+70.372	3.375	643.416	643.416
CL Brg. S. Abut.	77+71.789	3.375	643.422	643.422
A	77+81.789	3.375	643.462	643.487
B	77+91.789	3.375	643.497	643.535
C	78+01.789	3.375	643.527	643.561
D	78+11.789	3.375	643.551	643.568
CL S. Pier	78+23.205	3.375	643.573	643.573
E	78+33.205	3.375	643.587	643.596
F	78+43.205	3.375	643.595	643.619
G	78+53.205	3.375	643.599	643.630
H	78+63.205	3.375	643.597	643.621
I	78+73.205	3.375	643.591	643.599
CL N. Pier	78+83.205	3.375	643.579	643.579
J	78+93.205	3.375	643.562	643.575
K	79+03.205	3.375	643.540	643.572
L	79+13.205	3.375	643.512	643.551
M	79+23.205	3.375	643.480	643.508
CL Brg. N. Abut.	79+34.622	3.375	643.437	643.437
BK N. Abut.	79+36.039	3.375	643.431	643.431

REVISIONS	
NAME	DATE

TOP OF DECK ELEVATIONS

DIXIE HIGHWAY OVER
BUTTERFIELD CREEK
F.A.U. ROUTE 2843 SECTION 3249B-F
STA. 78+55.00
COOK COUNTY
STRUCTURE NUMBER 016-7946 - PROPOSED
016-0775 - EXISTING

SCALE: NOT-TO-SCALE
DATE 4-27-09

DRAWN BY TH
DESIGNED BY TH
CHECKED BY MF



FOR INFORMATION ONLY

SHEET 5 OF 22.dgn 6/18/2009 10:27:12 AM