

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3578	15VB-1-R	COOK	243	179
STA. 4+665.229 TO STA. 4+777.600				
FED. ROAD DIST. NO. 7			ILLINOIS FED. AID PROJECT	

Deck & Beams
Span II Thru 15

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection
Center Pier 10	4672.929	-0.175	189.662	189.662
E. Brg. Pier 10	4673.179	-0.175	189.668	189.668
C	4676.179	-0.175	189.741	189.751
D	4679.179	-0.175	189.810	189.824
E	4682.179	-0.175	189.873	189.888
F	4685.179	-0.175	189.932	189.942
G	4688.179	-0.175	189.986	189.989
Center Pier 11	4690.329	-0.175	190.022	190.022
H	4693.329	-0.175	190.068	190.067
I	4700.329	-0.175	190.109	190.109
J	4702.329	-0.175	190.117	190.117
K	4705.329	-0.175	190.204	190.203
L	4707.729	-0.175	190.222	190.222
Center Pier 12	4710.729	-0.175	190.240	190.246
M	4713.729	-0.175	190.254	190.266
N	4716.729	-0.175	190.263	190.279
O	4719.729	-0.175	190.267	190.282
P	4722.729	-0.175	190.266	190.277
Q	4725.729	-0.175	190.261	190.265
R	4728.729	-0.175	190.251	190.251
Center Pier 13	4729.500	-0.175	190.247	190.247
S	4732.500	-0.175	190.231	190.234
T	4735.500	-0.175	190.210	190.221
U	4738.500	-0.175	190.185	190.202
V	4741.500	-0.175	190.155	190.173
W	4744.500	-0.175	190.119	190.135
X	4747.500	-0.175	190.080	190.089
Y	4750.500	-0.175	190.035	190.037
Z	4752.500	-0.175	190.003	190.003
Center Pier 14	4755.500	-0.175	189.950	189.952
AA	4758.500	-0.175	189.893	189.900
BB	4761.500	-0.175	189.831	189.841
CC	4764.500	-0.175	189.764	189.774
DD	4767.500	-0.175	189.693	189.698
EE	4769.650	-0.175	189.639	189.639
W. Brg. Pier 15	4769.900	-0.175	189.632	189.632
Center Pier 15	4777.600	-0.175	189.427	189.427

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection
Center Exist. Pier 9	4665.229	0.000	189.455	189.455
E. Brg. Exist. Pier 9	4665.457	0.000	189.461	189.461
A	4668.457	0.000	189.547	189.550
B	4671.457	0.000	189.627	189.629
W. Brg. Pier 10	4672.679	0.000	189.658	189.658
Center Pier 10	4672.929	0.000	189.665	189.665
E. Brg. Pier 10	4673.179	0.000	189.671	189.671
C	4676.179	0.000	189.744	189.753
D	4679.179	0.000	189.810	189.827
E	4682.179	0.000	189.873	189.887
F	4685.179	0.000	189.935	189.945
G	4688.179	0.000	189.989	189.992
Center Pier 11	4690.329	0.000	190.024	190.024
H	4693.329	0.000	190.070	190.070
I	4696.329	0.000	190.111	190.112
J	4699.329	0.000	190.148	190.149
K	4702.329	0.000	190.180	190.180
L	4705.329	0.000	190.206	190.206
Center Pier 12	4707.729	0.000	190.225	190.225
M	4710.729	0.000	190.243	190.249
N	4713.729	0.000	190.256	190.269
O	4716.729	0.000	190.265	190.281
P	4719.729	0.000	190.269	190.285
Q	4722.729	0.000	190.269	190.280
R	4725.729	0.000	190.263	190.268
S	4728.729	0.000	190.253	190.253
Center Pier 13	4729.500	0.000	190.250	190.250
T	4732.500	0.000	190.234	190.237
U	4735.500	0.000	190.213	190.224
V	4738.500	0.000	190.187	190.204
W	4741.500	0.000	190.157	190.176
X	4744.500	0.000	190.122	190.138
Y	4747.500	0.000	190.082	190.091
Z	4750.500	0.000	190.038	190.040
Center Pier 14	4752.500	0.000	190.005	190.005
AA	4755.500	0.000	189.953	189.955
BB	4758.500	0.000	189.896	189.903
CC	4761.500	0.000	189.834	189.844
DD	4764.500	0.000	189.767	189.777
EE	4767.500	0.000	189.696	189.701
W. Brg. Pier 15	4769.650	0.000	189.643	189.641
Center Pier 15	4769.900	0.000	189.635	189.635
E. Brg. Pier 15	4770.150	0.000	189.628	189.628
FF	4773.150	0.000	189.548	189.552
GG	4776.150	0.000	189.463	189.465
W. Brg. Exist. Pier 16	4777.372	0.000	189.427	189.427
Center Exist. Pier 16	4777.600	0.000	189.420	189.420

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection
Center Pier 10	4672.929	2.225	189.631	189.631
E. Brg. Pier 10	4673.179	2.225	189.638	189.638
C	4676.179	2.225	189.711	189.720
D	4679.179	2.225	189.779	189.794
E	4682.179	2.225	189.843	189.857
F	4685.179	2.225	189.901	189.911
G	4688.179	2.225	189.955	189.958
Center Pier 11	4690.329	2.225	189.991	189.991
H	4693.329	2.225	190.037	190.037
I	4700.329	2.225	190.078	190.078
J	4702.329	2.225	190.146	190.146
K	4705.329	2.225	190.173	190.173
Center Pier 12	4707.729	2.225	190.191	190.191
L	4710.729	2.225	190.209	190.215
M	4713.729	2.225	190.223	190.235
N	4716.729	2.225	190.232	190.248
O	4719.729	2.225	190.236	190.251
P	4722.729	2.225	190.235	190.246
Q	4725.729	2.225	190.230	190.234
R	4728.729	2.225	190.220	190.220
Center Pier 13	4729.500	2.225	190.217	190.217
S	4732.500	2.225	190.200	190.204
T	4735.500	2.225	190.180	190.190
U	4738.500	2.225	190.154	190.171
V	4741.500	2.225	190.124	190.143
W	4744.500	2.225	190.089	190.105
X	4747.500	2.225	190.049	190.058
Y	4750.500	2.225	190.004	190.006
Z	4752.500	2.225	189.972	189.972
Center Pier 14	4755.500	2.225	189.920	189.921
AA	4758.500	2.225	189.862	189.869
BB	4761.500	2.225	189.800	189.811
CC	4764.500	2.225	189.734	189.744
DD	4767.500	2.225	189.662	189.667
EE	4769.650	2.225	189.608	189.608
W. Brg. Pier 15	4769.900	2.225	189.602	189.602
Center Pier 15	4777.600	-0.013	189.635	189.635
E. Brg. Pier 15	4770.150	-0.013	189.628	189.628
FF	4773.150	-0.013	189.548	189.552
GG	4776.150	-0.013	189.463	189.465
W. Brg. Exist. Pier 16	4777.372	-0.013	189.427	189.427
Center Exist. Pier 16	4777.600	-0.013	189.420	189.420

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection
Center Pier 15	4769.900	-7.805	189.518	189.518
E. Brg. Pier 15	4770.150	-7.769	189.512	189.512
FF	4773.119	-7.341	189.439	189.443
GG	4776.089	-6.914	189.361	189.363
W. Brg. Exist. Pier 16	4777.372	-6.729	189.326	189.326
Center Exist. Pier 16	4777.600	-6.697	189.320	189.320

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection
Center Pier 15	4769.900	-0.013	189.635	189.635
E. Brg. Pier 15	4770.150	-0.013	189.628	189.628
FF	4773.150	-0.013	189.548	189.552
GG	4776.150	-0.013	189.463	189.465
W. Brg. Exist. Pier 16	4777.372	-0.013	189.427	189.427
Center Exist. Pier 16	4777.600	-0.013	189.420	189.420

Side Spar. 16

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection
Center Pier 15	4769.900	0.013	189.635	189.635
E. Brg. Pier 15	4770.150	0.013	189.628	189.628
FF	4773.150	0.013	189.548	189.552
GG	4776.150	0.013	189.463	189.465
W. Brg. Exist. Pier 16	4777.372	0.013	189.427	189.427
Center Exist. Pier 16	4777.600	0.013	189.420	189.420

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection
Center Pier 15	4769.900	7.805	189.518	189.518
E. Brg. Pier 15	4770.150	7.769	189.512	189.512
FF	4773.119	7.341	189.439	189.443
GG	4776.089	6.914	189.361	189.363
W. Brg. Exist. Pier 16	4777.372	6.730	189.326	189.326
Center Exist. Pier 16	4777.600	6.697	189.320	189.320

NOTE:
All Elevations and Offsets are in Meters.

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

TOP OF SLAB ELEVATIONS-III

SOUTHWEST HIGHWAY OVER
B. & O.C.T. RAILROAD AND MELVINA DITCH
F.A.U. ROUTE 3578 SEC. 15VB-1-R
COOK COUNTY STATION 4+716.471
STRUCTURE NO. 016-0463

SCALE: DATE: 6/17/09 DRAWN BY: F. MUNIR
CHECKED BY: B. SHAH

CHRISTIAN - ROGE & ASSOC.
CHICAGO ILLINOIS