

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
F.A.P. 351	2008- 001VB	COOK	579	420
FED. ROAD DIST. NO. 7		ILLINOIS	FED. AID PROJECT	

CONTRACT NO. 60E10

SHEET NO. 10  
54 SHEETS

BEAM 10 (SN 016-2820)

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection
BK. N. ABUT.	120057.260	-28.660	619.569	619.569
N. END OF DECK	120058.090	-28.660	619.581	619.581
☉ BRG. N. ABUT	120059.440	-28.660	619.602	619.602
A	120069.440	-28.660	619.752	619.767
B	120079.440	-28.660	619.896	619.918
C	120089.440	-28.660	619.994	620.009
☉ SPAN 1 BRG.	120099.250	-28.660	620.037	620.037
☉ PIER	120100.000	-28.660	620.038	620.038
☉ SPAN 2 BRG.	120100.750	-28.660	620.039	620.039
D	120110.750	-28.660	620.020	620.062
E	120120.750	-28.660	619.946	620.018
F	120130.750	-28.660	619.826	619.904
G	120140.750	-28.660	619.701	619.759
☉ BRG. S. ABUT	120154.950	-28.660	619.523	619.523
S. END OF DECK	120156.290	-28.660	619.506	619.506
BK. S. ABUT.	120157.130	-28.660	619.496	619.496

BEAM 11 (SN 016-2820)

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection
BK. N. ABUT.	120057.260	-21.500	619.676	619.676
N. END OF DECK	120058.090	-21.500	619.689	619.689
☉ BRG. N. ABUT	120059.440	-21.500	619.709	619.709
A	120069.440	-21.500	619.859	619.875
B	120079.440	-21.500	620.004	620.026
C	120089.440	-21.500	620.102	620.117
☉ SPAN 1 BRG.	120099.250	-21.500	620.144	620.144
☉ PIER	120100.000	-21.500	620.146	620.146
☉ SPAN 2 BRG.	120100.750	-21.500	620.146	620.146
D	120110.750	-21.500	620.127	620.170
E	120120.750	-21.500	620.053	620.125
F	120130.750	-21.500	619.933	620.011
G	120140.750	-21.500	619.808	619.866
☉ BRG. S. ABUT	120154.950	-21.500	619.631	619.631
S. END OF DECK	120156.290	-21.500	619.614	619.614
BK. S. ABUT.	120157.130	-21.500	619.603	619.603

BEAM 12 (SN 016-2820)

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection
BK. N. ABUT.	120057.260	-14.330	619.784	619.784
N. END OF DECK	120058.090	-14.330	619.796	619.796
☉ BRG. N. ABUT	120059.440	-14.330	619.817	619.817
A	120069.440	-14.330	619.967	619.982
B	120079.440	-14.330	620.111	620.133
C	120089.440	-14.330	620.209	620.224
☉ SPAN 1 BRG.	120099.250	-14.330	620.252	620.252
☉ PIER	120100.000	-14.330	620.253	620.253
☉ SPAN 2 BRG.	120100.750	-14.330	620.254	620.254
D	120110.750	-14.330	620.235	620.277
E	120120.750	-14.330	620.161	620.233
F	120130.750	-14.330	620.041	620.119
G	120140.750	-14.330	619.916	619.974
☉ BRG. S. ABUT	120154.950	-14.330	619.738	619.738
S. END OF DECK	120156.290	-14.330	619.721	619.721
BK. S. ABUT.	120157.130	-14.330	619.711	619.711

BEAM 13 (SN 016-2820)

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection
BK. N. ABUT.	120057.260	-7.160	619.891	619.891
N. END OF DECK	120058.090	-7.160	619.904	619.904
☉ BRG. N. ABUT	120059.440	-7.160	619.924	619.924
A	120069.440	-7.160	620.074	620.090
B	120079.440	-7.160	620.219	620.241
C	120089.440	-7.160	620.317	620.332
☉ SPAN 1 BRG.	120099.250	-7.160	620.360	620.360
☉ PIER	120100.000	-7.160	620.361	620.361
☉ SPAN 2 BRG.	120100.750	-7.160	620.361	620.361
D	120110.750	-7.160	620.342	620.385
E	120120.750	-7.160	620.268	620.340
F	120130.750	-7.160	620.148	620.226
G	120140.750	-7.160	620.023	620.081
☉ BRG. S. ABUT	120154.950	-7.160	619.846	619.846
S. END OF DECK	120156.290	-7.160	619.829	619.829
BK. S. ABUT.	120157.130	-7.160	619.818	619.818

STAGE CONSTRUCTION JOINT (SN 016-2820)

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection
BK. N. ABUT.	120057.260	-5.875	619.911	619.911
N. END OF DECK	120058.090	-5.875	619.923	619.923
☉ BRG. N. ABUT	120059.440	-5.875	619.943	619.943
A	120069.440	-5.875	620.093	620.109
B	120079.440	-5.875	620.238	620.260
C	120089.440	-5.875	620.336	620.351
☉ SPAN 1 BRG.	120099.250	-5.875	620.379	620.379
☉ PIER	120100.000	-5.875	620.380	620.380
☉ SPAN 2 BRG.	120100.750	-5.875	620.381	620.381
D	120110.750	-5.875	620.362	620.404
E	120120.750	-5.875	620.288	620.359
F	120130.750	-5.875	620.167	620.245
G	120140.750	-5.875	620.042	620.100
☉ BRG. S. ABUT	120154.950	-5.875	619.865	619.865
S. END OF DECK	120156.290	-5.875	619.848	619.848
BK. S. ABUT.	120157.130	-5.875	619.838	619.838

Note:  
1. Work this sheet with Sheets 6 through 9, 11 and 12.

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DESIGNED	EV
CHECKED	NPP
DRAWN	EV
CHECKED	NPP



REVISIONS		ILLINOIS DEPARTMENT OF TRANSPORTATION US RTE 6 FROM I-294 TO IL RTE 1 <b>TOP OF SLAB ELEVATION</b> <b>SN 016-2820</b> STRUCTURES FOR CN INTERMODAL YARD VEHICLES OVER U.S. RTE. 6 (159TH STREET) STATION 95+02.14 STRUCTURE NOS. 016-2820 & 016-2821 SCALE: 1=1'-0" DATE: 2/21/2008
NAME	DATE	