

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

BEAM 11 - (LINE NO.13)

LOCATION	STATION	OFFSET	THEORETICAL GRADE ELEVATION	THEORETICAL GRADE ELEV. ADJUSTED FOR DEAD LOAD DEFLECTION
Bk. N. Abut.	227+79.10	-18.000	411.327	411.327
⊕ Brg. N. Abut.	227+79.73	-18.000	411.320	411.320
A	227+89.73	-18.000	411.202	411.228
B	227+99.73	-18.000	411.083	411.118
C	228+09.73	-18.000	410.965	410.987
⊕ Brg. S. Abut.	228+17.62	-18.000	410.872	410.872
Bk. S. Abut.	228+18.26	-18.000	410.864	410.864

BEAM 12 - (LINE NO.14)

LOCATION	STATION	OFFSET	THEORETICAL GRADE ELEVATION	THEORETICAL GRADE ELEV. ADJUSTED FOR DEAD LOAD DEFLECTION
Bk. N. Abut.	227+72.90	-10.000	411.557	411.557
⊕ Brg. N. Abut.	227+73.54	-10.000	411.549	411.549
A	227+83.54	-10.000	411.431	411.457
B	227+93.54	-10.000	411.313	411.348
C	228+03.54	-10.000	411.195	411.217
⊕ Brg. S. Abut.	228+11.43	-10.000	411.101	411.101
Bk. S. Abut.	228+12.06	-10.000	411.094	411.094

STAGE CONSTRUCTION LINE (LINE NO.15)

LOCATION	STATION	OFFSET	THEORETICAL GRADE ELEVATION	THEORETICAL GRADE ELEV. ADJUSTED FOR DEAD LOAD DEFLECTION
Bk. N. Abut.	227+71.23	-7.833	411.610	411.610
⊕ Brg. N. Abut.	227+71.86	-7.833	411.603	411.603
A	227+81.86	-7.833	411.485	411.511
B	227+91.86	-7.833	411.367	411.402
C	228+01.86	-7.833	411.248	411.270
⊕ Brg. S. Abut.	228+09.75	-7.833	411.155	411.155
Bk. S. Abut.	228+10.39	-7.833	411.148	411.148

BEAM 13 - (LINE NO.16)

LOCATION	STATION	OFFSET	THEORETICAL GRADE ELEVATION	THEORETICAL GRADE ELEV. ADJUSTED FOR DEAD LOAD DEFLECTION
Bk. N. Abut.	227+66.71	-2.000	411.755	411.755
⊕ Brg. N. Abut.	227+67.34	-2.000	411.747	411.747
A	227+77.34	-2.000	411.629	411.655
B	227+87.34	-2.000	411.511	411.546
C	227+97.34	-2.000	411.393	411.415
⊕ Brg. S. Abut.	228+05.24	-2.000	411.300	411.300
Bk. S. Abut.	228+05.87	-2.000	411.292	411.292

PGL (LINE NO.17)

LOCATION	STATION	OFFSET	THEORETICAL GRADE ELEVATION	THEORETICAL GRADE ELEV. ADJUSTED FOR DEAD LOAD DEFLECTION
Bk. N. Abut.	227+65.16	0.000	411.804	411.804
⊕ Brg. N. Abut.	227+65.79	0.000	411.797	411.797
A	227+75.79	0.000	411.679	411.705
B	227+85.79	0.000	411.561	411.596
C	227+95.79	0.000	411.442	411.464
⊕ Brg. S. Abut.	228+03.69	0.000	411.349	411.349
Bk. S. Abut.	228+04.32	0.000	411.342	411.342

BEAM 14 - (LINE NO.18)

LOCATION	STATION	OFFSET	THEORETICAL GRADE ELEVATION	THEORETICAL GRADE ELEV. ADJUSTED FOR DEAD LOAD DEFLECTION
Bk. N. Abut.	227+60.51	6.000	411.766	411.766
⊕ Brg. N. Abut.	227+61.15	6.000	411.758	411.758
A	227+71.15	6.000	411.640	411.666
B	227+81.15	6.000	411.522	411.557
C	227+91.15	6.000	411.404	411.425
⊕ Brg. S. Abut.	227+99.04	6.000	411.310	411.310
Bk. S. Abut.	227+99.67	6.000	411.303	411.303


BEAM 15 - (LINE NO.19)

LOCATION	STATION	OFFSET	THEORETICAL GRADE ELEVATION	THEORETICAL GRADE ELEV. ADJUSTED FOR DEAD LOAD DEFLECTION
Bk. N. Abut.	227+54.32	14.000	411.703	411.703
⊕ Brg. N. Abut.	227+54.95	14.000	411.696	411.696
A	227+64.95	14.000	411.578	411.604
B	227+74.95	14.000	411.460	411.495
C	227+84.95	14.000	411.341	411.363
⊕ Brg. S. Abut.	227+92.85	14.000	411.248	411.248
Bk. S. Abut.	227+93.48	14.000	411.241	411.241

BEAM 16 - (LINE NO.20)

LOCATION	STATION	OFFSET	THEORETICAL GRADE ELEVATION	THEORETICAL GRADE ELEV. ADJUSTED FOR DEAD LOAD DEFLECTION
Bk. N. Abut.	227+48.13	22.000	411.610	411.610
⊕ Brg. N. Abut.	227+48.76	22.000	411.602	411.602
A	227+58.76	22.000	411.484	411.510
B	227+68.76	22.000	411.366	411.401
C	227+78.76	22.000	411.248	411.270
⊕ Brg. S. Abut.	227+86.65	22.000	411.155	411.155
Bk. S. Abut.	227+87.29	22.000	411.147	411.147

DECK ELEVATIONS 3
F.A.I. RTE. 57 OVER
LAKE CREEK BRANCH
STATION 228+25.00
STRUCTURE NO. 100-0010 (N.B.)
STRUCTURE NO. 100-0011 (S.B.)

 CRAWFORD MURPHY & TILLY, INC. CONSULTING ENGINEERS SPRINGFIELD, IL ■ AURORA, IL ■ ST. LOUIS, MO ROCKFORD, IL ■ PEORIA, IL ■ CHICAGO, IL	SHEET NO. 7	F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	29 SHEETS	I-57	(X1-4-1) BR -1	WILLIAMSON	202	90
DESIGNED BY: KEH CHECKED BY: WLB	DRAWN BY: GLD DATE: 4/12/10	CONTRACT NO. 78334				
		FED. ROAD DIST. NO. 9 ILLINOIS FED. AID PROJECT				