

BEAM 1 - (LINE NO.1)

LOCATION	STATION	OFFSET	THEORETICAL GRADE ELEVATION	THEORETICAL GRADE ELEV. ADJUSTED FOR DEAD LOAD DEFLECTION
Bk. West Abut.	149+41.67	-16.906	410.390	410.390
⊕ Brg. W. Abut.	149+42.93	-16.929	410.394	410.394
1 A	149+53.00	-17.096	410.425	410.469
1 B	149+63.08	-17.218	410.459	410.532
1 C	149+73.15	-17.297	410.495	410.575
1 D	149+83.23	-17.330	410.532	410.596
1 E	149+93.25	-17.333	410.571	410.598
⊕ Brg. E. Abut.	149+99.25	-17.333	410.594	410.594
Bk. East Abut.	150+00.50	-17.333	410.599	410.599

BEAM 2 - (LINE NO.2)

LOCATION	STATION	OFFSET	THEORETICAL GRADE ELEVATION	THEORETICAL GRADE ELEV. ADJUSTED FOR DEAD LOAD DEFLECTION
Bk. West Abut.	149+41.80	-10.073	410.661	410.661
⊕ Brg. W. Abut.	149+43.06	-10.096	410.662	410.662
2 A	149+53.10	-10.263	410.677	410.720
2 B	149+63.14	-10.385	410.693	410.766
2 C	149+73.19	-10.464	410.712	410.792
2 D	149+83.24	-10.497	410.732	410.796
2 E	149+93.25	-10.500	410.753	410.780
⊕ Brg. E. Abut.	149+99.25	-10.500	410.766	410.766
Bk. East Abut.	150+00.50	-10.500	410.769	410.769

BEAM 3 - (LINE NO.3)

LOCATION	STATION	OFFSET	THEORETICAL GRADE ELEVATION	THEORETICAL GRADE ELEV. ADJUSTED FOR DEAD LOAD DEFLECTION
Bk. West Abut.	149+41.93	-3.240	410.931	410.931
⊕ Brg. W. Abut.	149+43.19	-3.263	410.930	410.930
3 A	149+53.20	-3.430	410.928	410.971
3 B	149+63.21	-3.552	410.927	411.000
3 C	149+73.23	-3.631	410.928	411.009
3 D	149+83.25	-3.664	410.931	410.995
3 E	149+93.25	-3.667	410.936	410.963
⊕ Brg. E. Abut.	149+99.25	-3.667	410.938	410.938
Bk. East Abut.	150+00.50	-3.667	410.939	410.939

P.G.L. (LINE NO.4)

LOCATION	STATION	OFFSET	THEORETICAL GRADE ELEVATION	THEORETICAL GRADE ELEV. ADJUSTED FOR DEAD LOAD DEFLECTION
Bk. West Abut.	149+42.00	0.000	411.059	411.059
⊕ Brg. W. Abut.	149+43.25	0.000	411.058	411.058
4 A	149+53.25	0.000	411.053	411.097
4 B	149+63.25	0.000	411.048	411.121
4 C	149+73.25	0.000	411.043	411.124
4 D	149+83.25	0.000	411.038	411.102
4 E	149+93.25	0.000	411.033	411.061
⊕ Brg. E. Abut.	149+99.25	0.000	411.030	411.030
Bk. East Abut.	150+00.50	0.000	411.030	411.030

STAGE CONSTRUCTION LINE (LINE NO.5)

LOCATION	STATION	OFFSET	THEORETICAL GRADE ELEVATION	THEORETICAL GRADE ELEV. ADJUSTED FOR DEAD LOAD DEFLECTION
Bk. West Abut.	149+42.00	0.427	411.076	411.076
⊕ Brg. W. Abut.	149+43.25	0.404	411.074	411.074
5 A	149+53.25	0.237	411.062	411.106
5 B	149+63.25	0.115	411.052	411.125
5 C	149+73.25	0.036	411.045	411.125
5 D	149+83.25	0.003	411.038	411.102
5 E	149+93.25	0.000	411.033	411.061
⊕ Brg. E. Abut.	149+99.25	0.000	411.030	411.030
Bk. East Abut.	150+00.50	0.000	411.030	411.030

BEAM 4 - (LINE NO.6)

LOCATION	STATION	OFFSET	THEORETICAL GRADE ELEVATION	THEORETICAL GRADE ELEV. ADJUSTED FOR DEAD LOAD DEFLECTION
Bk. West Abut.	149+42.07	3.594	411.201	411.201
⊕ Brg. W. Abut.	149+43.31	3.571	411.198	411.198
6 A	149+53.30	3.404	411.178	411.222
6 B	149+63.28	3.282	411.161	411.233
6 C	149+73.27	3.203	411.145	411.225
6 D	149+83.25	3.170	411.131	411.195
6 E	149+93.25	3.167	411.118	411.145
⊕ Brg. E. Abut.	149+99.25	3.167	411.110	411.110
Bk. East Abut.	150+00.50	3.167	411.109	411.109

BEAM 5 - (LINE NO.7)

LOCATION	STATION	OFFSET	THEORETICAL GRADE ELEVATION	THEORETICAL GRADE ELEV. ADJUSTED FOR DEAD LOAD DEFLECTION
Bk. West Abut.	149+42.20	10.427	411.470	411.470
⊕ Brg. W. Abut.	149+43.44	10.404	411.465	411.465
7 A	149+53.40	10.237	411.428	411.472
7 B	149+63.35	10.115	411.394	411.467
7 C	149+73.31	10.036	411.361	411.441
7 D	149+83.26	10.003	411.330	411.394
7 E	149+93.25	10.000	411.300	411.328
⊕ Brg. E. Abut.	149+99.25	10.000	411.282	411.282
Bk. East Abut.	150+00.50	10.000	411.279	411.279

BEAM 6 - (LINE NO.8)

LOCATION	STATION	OFFSET	THEORETICAL GRADE ELEVATION	THEORETICAL GRADE ELEV. ADJUSTED FOR DEAD LOAD DEFLECTION
Bk. West Abut.	149+42.33	17.260	411.739	411.739
⊕ Brg. W. Abut.	149+43.57	17.237	411.732	411.732
8 A	149+53.49	17.070	411.678	411.722
8 B	149+63.42	16.948	411.627	411.700
8 C	149+73.34	16.870	411.578	411.658
8 D	149+83.27	16.836	411.530	411.594
8 E	149+93.25	16.833	411.483	411.510
⊕ Brg. E. Abut.	149+99.25	16.833	411.454	411.454
Bk. East Abut.	150+00.50	16.833	411.448	411.448

WEST APPROACH PAVEMENT

LINE	LOCATION	STATION	OFFSET	THEORETICAL GRADE ELEVATION
Left E.O.P.	WA	149+11.38	-18.456	410.290
	WB	149+21.47	-18.510	410.283
	WC	149+31.55	-18.521	410.284
Stage Const. Line	WA	149+12.00	0.453	411.093
	WB	149+22.00	0.401	411.086
	WC	149+32.00	0.391	411.080
Right E.O.P.	WA	149+12.59	18.859	411.875
	WB	149+22.51	18.810	411.868
	WC	149+32.44	18.802	411.851

EAST APPROACH PAVEMENT

LINE	LOCATION	STATION	OFFSET	THEORETICAL GRADE ELEVATION
Left E.O.P.	EA	150+10.50	-18.917	410.601
	EB	150+20.50	-18.917	410.644
	EC	150+30.50	-18.917	410.686
Stage Const. Line	EA	150+10.50	0.000	411.025
	EB	150+20.50	0.000	411.020
	EC	150+30.50	0.000	411.015
Right E.O.P.	EA	150+10.50	18.417	411.437
	EB	150+20.50	18.417	411.386
	EC	150+30.50	18.417	411.335

NOTES:

1. Work this Sheet with Sheet 6 of 18.
2. All offsets to P.G.L.

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
DECK ELEVATIONS 2
 F.A.P. ROUTE 853 (IL. RTE. 14)
 ILLINOIS ROUTE 14 OVER
 DRUMMOND BRANCH
 SECTION 6B-1 STA. 149+71.25
 STR. NO. 028-0075 - FRANKLIN COUNTY
 SCALE: NONE DRAWN BY: GLD
 DATE: 6/6/07 CHECKED BY: WLB

