

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	SHEET NO. S4
F. A. P. 846	4B-1-R	WILL	39	26	SHEETS S17
FED. ROAD DIST. NO. 7	ILLINOIS	FED. AID PROJECT-			

CONTRACT NO. 60D26

BEAM 1

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection
BK. OF SOUTH ABUT.	1304+45.275	-20.542	572.359	572.359
CL BRG SOUTH ABUT.	1304+47.650	-20.542	572.378	572.378
A	1304+57.650	-20.542	572.449	572.465
B	1304+67.650	-20.542	572.510	572.527
CL PIER 1	1304+82.317	-20.542	572.581	572.581
C	1304+92.317	-20.542	572.618	572.618
D	1305+02.317	-20.542	572.644	572.647
E	1305+12.317	-20.542	572.661	572.660
CL PIER 2	1305+17.691	-20.542	572.666	572.666
F	1305+27.691	-20.542	572.668	572.680
G	1305+37.691	-20.542	572.659	572.678
CL BRG. NORTH ABUT.	1305+52.357	-20.542	572.629	572.629
BK. OF NORTH ABUT.	1305+54.732	-20.542	572.622	572.622

BEAM 2

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection
BK. OF SOUTH ABUT.	1304+45.275	-13.125	572.514	572.514
CL BRG SOUTH ABUT.	1304+47.650	-13.125	572.532	572.532
A	1304+57.650	-13.125	572.603	572.619
B	1304+67.650	-13.125	572.664	572.681
CL PIER 1	1304+82.317	-13.125	572.736	572.736
C	1304+92.317	-13.125	572.772	572.773
D	1305+02.317	-13.125	572.799	572.801
E	1305+12.317	-13.125	572.816	572.815
CL PIER 2	1305+17.691	-13.125	572.821	572.821
F	1305+27.691	-13.125	572.822	572.822
G	1305+37.691	-13.125	572.814	572.833
CL BRG. NORTH ABUT.	1305+52.357	-13.125	572.784	572.784
BK. OF NORTH ABUT.	1305+54.732	-13.125	572.777	572.777

BEAM 3

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection
BK. OF SOUTH ABUT.	1304+45.275	-5.708	572.636	572.636
CL BRG SOUTH ABUT.	1304+47.650	-5.708	572.654	572.654
A	1304+57.650	-5.708	572.725	572.741
B	1304+67.650	-5.708	572.786	572.803
CL PIER 1	1304+82.317	-5.708	572.857	572.857
C	1304+92.317	-5.708	572.894	572.895
D	1305+02.317	-5.708	572.921	572.923
E	1305+12.317	-5.708	572.937	572.937
CL PIER 2	1305+17.691	-5.708	572.942	572.942
F	1305+27.691	-5.708	572.944	572.956
G	1305+37.691	-5.708	572.935	572.954
CL BRG. NORTH ABUT.	1305+52.357	-5.708	572.905	572.905
BK. OF NORTH ABUT.	1305+54.732	-5.708	572.898	572.898

☉ S. BOUND IL Rte 53 & P.G.L.

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection
BK. OF SOUTH ABUT.	1304+45.275	0.000	572.725	572.725
CL BRG SOUTH ABUT.	1304+47.650	0.000	572.743	572.743
A	1304+57.650	0.000	572.814	572.830
B	1304+67.650	0.000	572.875	572.892
CL PIER 1	1304+82.317	0.000	572.947	572.947
C	1304+92.317	0.000	572.983	572.984
D	1305+02.317	0.000	573.010	573.012
E	1305+12.317	0.000	573.027	573.026
CL PIER 2	1305+17.691	0.000	573.031	573.031
F	1305+27.691	0.000	573.033	573.045
G	1305+37.691	0.000	573.025	573.044
CL BRG. NORTH ABUT.	1305+52.357	0.000	572.994	572.994
BK. OF NORTH ABUT.	1305+54.732	0.000	572.988	572.988

BEAM 4

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection
BK. OF SOUTH ABUT.	1304+45.275	1.708	572.698	572.698
CL BRG SOUTH ABUT.	1304+47.650	1.708	572.717	572.717
A	1304+57.650	1.708	572.787	572.804
B	1304+67.650	1.708	572.848	572.866
CL PIER 1	1304+82.317	1.708	572.920	572.920
C	1304+92.317	1.708	572.956	572.957
D	1305+02.317	1.708	572.983	572.985
E	1305+12.317	1.708	573.000	572.999
CL PIER 2	1305+17.691	1.708	573.005	573.005
F	1305+27.691	1.708	573.006	573.018
G	1305+37.691	1.708	572.998	573.017
CL BRG. NORTH ABUT.	1305+52.357	1.708	572.968	572.968
BK. OF NORTH ABUT.	1305+54.732	1.708	572.961	572.961

BEAM 5

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection
BK. OF SOUTH ABUT.	1304+45.275	9.125	572.582	572.582
CL BRG SOUTH ABUT.	1304+47.650	9.125	572.601	572.601
A	1304+57.650	9.125	572.671	572.688
B	1304+67.650	9.125	572.732	572.75
CL PIER 1	1304+82.317	9.125	572.804	572.804
C	1304+92.317	9.125	572.841	572.841
D	1305+02.317	9.125	572.867	572.869
E	1305+12.317	9.125	572.884	572.883
CL PIER 2	1305+17.691	9.125	572.889	572.889
F	1305+27.691	9.125	572.89	572.903
G	1305+37.691	9.125	572.882	572.901
CL BRG. NORTH ABUT.	1305+52.357	9.125	572.852	572.852
BK. OF NORTH ABUT.	1305+54.732	9.125	572.845	572.845

BEAM 6

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection
BK. OF SOUTH ABUT.	1304+45.275	16.542	572.443	572.443
CL BRG SOUTH ABUT.	1304+47.650	16.542	572.461	572.461
A	1304+57.650	16.542	572.532	572.548
B	1304+67.650	16.542	572.593	572.61
CL PIER 1	1304+82.317	16.542	572.664	572.664
C	1304+92.317	16.542	572.701	572.702
D	1305+02.317	16.542	572.728	572.73
E	1305+12.317	16.542	572.744	572.744
CL PIER 2	1305+17.691	16.542	572.749	572.749
F	1305+27.691	16.542	572.751	572.763
G	1305+37.691	16.542	572.743	572.761
CL BRG. NORTH ABUT.	1305+52.357	16.542	572.712	572.712
BK. OF NORTH ABUT.	1305+54.732	16.542	572.705	572.705

DESIGNED	NDS/GMK
CHECKED	MTP/SMK/GBC
DRAWN	NDS/GMK
CHECKED	SMK/GBC

- NOTES:
- For elevations location plan see sheet no. S3
  - Elevations shown are to the top of concrete deck.
  - All elevations and offsets are in feet.
  - Offsets: + is to the right of ☉ IL Route 53 looking upstation.  
- is to the left of ☉ IL Route 53 looking upstation.

THIS SHEET IS FOR  
INFORMATION ONLY

ILLINOIS DEPARTMENT OF TRANSPORTATION

TOP OF DECK ELEVATION TABLES

FAP 846

SB IL. ROUTE 53 OVER PRAIRIE CREEK


STATION 1305+00 SECTION 4B-1-R

WILL COUNTY

STRUCTURE NO. 099-0242

SCALE: NONE

DATE: JUNE 2007

 DELTA ENGINEERING INC.  
CONSULTING ENGINEERS, CHICAGO, ILLINOIS