

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
F. A. P. 846	4B-1-1-1	WILL	39	6
FED. ROAD DIST. NO. 7	ILLINOIS	FED. AID PROJECT-		

SHEET NO. 54  
SHEETS S20

CONTRACT NO. 60D26

BEAM 1

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection
BK. OF S ABUT.	1304+45.125	-16.125	569.452	569.452
CL BRG S ABUT.	1304+47.500	-16.125	569.464	569.464
A	1304+57.500	-16.125	569.514	569.521
B	1304+67.500	-16.125	569.564	569.570
CL PIER 2	1304+79.250	-16.125	569.622	569.622
C	1304+89.250	-16.125	569.672	569.681
D	1304+99.250	-16.125	569.722	569.738
E	1305+09.250	-16.125	569.772	569.783
CL PIER 1	1305+20.750	-16.125	569.830	569.830
F	1305+30.750	-16.125	569.880	569.885
G	1305+40.750	-16.125	569.930	569.938
CL BRG. N ABUT.	1305+52.500	-16.125	569.989	569.989
BK. OF N ABUT.	1305+54.875	-16.125	570.000	570.000

BEAM 2

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection
BK. OF S ABUT.	1304+45.125	-8.875	569.586	569.586
CL BRG S ABUT.	1304+47.500	-8.875	569.598	569.598
A	1304+57.500	-8.875	569.648	569.656
B	1304+67.500	-8.875	569.698	569.704
CL PIER 2	1304+79.250	-8.875	569.757	569.757
C	1304+89.250	-8.875	569.807	569.816
D	1304+99.250	-8.875	569.857	569.873
E	1305+09.250	-8.875	569.907	569.917
CL PIER 1	1305+20.750	-8.875	569.965	569.965
F	1305+30.750	-8.875	570.015	570.019
G	1305+40.750	-8.875	570.065	570.073
CL BRG. N ABUT.	1305+52.500	-8.875	570.123	570.123
BK. OF N ABUT.	1305+54.875	-8.875	570.135	570.135

BEAM 3

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection
BK. OF S ABUT.	1304+45.125	-1.625	569.700	569.700
CL BRG S ABUT.	1304+47.500	-1.625	569.712	569.712
A	1304+57.500	-1.625	569.762	569.769
B	1304+67.500	-1.625	569.812	569.818
CL PIER 2	1304+79.250	-1.625	569.870	569.870
C	1304+89.250	-1.625	569.920	569.929
D	1304+99.250	-1.625	569.970	569.986
E	1305+09.250	-1.625	570.020	570.031
CL PIER 1	1305+20.750	-1.625	570.078	570.078
F	1305+30.750	-1.625	570.128	570.133
G	1305+40.750	-1.625	570.178	570.186
CL BRG. N ABUT.	1305+52.500	-1.625	570.237	570.237
BK. OF N ABUT.	1305+54.875	-1.625	570.248	570.248

CL N BOUND IL. RTE. 53 & P.G.L.

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection
BK. OF S ABUT.	1304+45.125	0.000	569.725	569.725
CL BRG S ABUT.	1304+47.500	0.000	569.737	569.737
A	1304+57.500	0.000	569.787	569.795
B	1304+67.500	0.000	569.837	569.843
CL PIER 2	1304+79.250	0.000	569.896	569.896
C	1304+89.250	0.000	569.946	569.954
D	1304+99.250	0.000	569.996	570.011
E	1305+09.250	0.000	570.046	570.056
CL PIER 1	1305+20.750	0.000	570.103	570.103
F	1305+30.750	0.000	570.153	570.158
G	1305+40.750	0.000	570.203	570.211
CL BRG. N ABUT.	1305+52.500	0.000	570.262	570.262
BK. OF N ABUT.	1305+54.875	0.000	570.274	570.274

BEAM 4

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection
BK. OF S ABUT.	1304+45.125	5.625	569.637	569.637
CL BRG S ABUT.	1304+47.500	5.625	569.649	569.649
A	1304+57.500	5.625	569.699	569.707
B	1304+67.500	5.625	569.749	569.755
CL PIER 2	1304+79.250	5.625	569.808	569.808
C	1304+89.250	5.625	569.858	569.867
D	1304+99.250	5.625	569.908	569.924
E	1305+09.250	5.625	569.958	569.968
CL PIER 1	1305+20.750	5.625	570.015	570.015
F	1305+30.750	5.625	570.065	570.07
G	1305+40.750	5.625	570.115	570.124
CL BRG. N ABUT.	1305+52.500	5.625	570.174	570.174
BK. OF N ABUT.	1305+54.875	5.625	570.186	570.186

BEAM 5

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection
BK. OF S ABUT.	1304+45.125	12.875	569.519	569.519
CL BRG S ABUT.	1304+47.500	12.875	569.531	569.531
A	1304+57.500	12.875	569.581	569.589
B	1304+67.500	12.875	569.631	569.637
CL PIER 2	1304+79.250	12.875	569.690	569.690
C	1304+89.250	12.875	569.740	569.749
D	1304+99.250	12.875	569.790	569.806
E	1305+09.250	12.875	569.840	569.850
CL PIER 1	1305+20.750	12.875	569.898	569.898
F	1305+30.750	12.875	569.947	569.952
G	1305+40.750	12.875	569.997	570.006
CL BRG. N ABUT.	1305+52.500	12.875	570.056	570.056
BK. OF N ABUT.	1305+54.875	12.875	570.068	570.068

BEAM 6

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection
BK. OF S ABUT.	1304+45.125	20.125	569.368	569.368
CL BRG S ABUT.	1304+47.500	20.125	569.380	569.380
A	1304+57.500	20.125	569.430	569.438
B	1304+67.500	20.125	569.480	569.486
CL PIER 2	1304+79.250	20.125	569.539	569.539
C	1304+89.250	20.125	569.589	569.598
D	1304+99.250	20.125	569.639	569.655
E	1305+09.250	20.125	569.689	569.699
CL PIER 1	1305+20.750	20.125	569.747	569.747
F	1305+30.750	20.125	569.796	569.801
G	1305+40.750	20.125	569.846	569.855
CL BRG. N ABUT.	1305+52.500	20.125	569.905	569.905
BK. OF N ABUT.	1305+54.875	20.125	569.917	569.917

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

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

THIS SHEET IS FOR  
INFORMATION ONLY

ILLINOIS DEPARTMENT OF TRANSPORTATION

TOP OF DECK ELEVATION TABLES

FAP 846  
NB IL. ROUTE 53 OVER PRAIRIE CREEK  
STATION 1305+00 SECTION 4-RB  
WILL COUNTY

STRUCTURE NO. 090900(NB)  
SCALE: NONE  
DATE: JUNE 2007

AEI DELTA ENGINEERING INC.  
CONSULTING ENGINEERS, CHICAGO, ILLINOIS