

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

ROUTE NO. F.A.P. 310	SECTION 28BR-1	COUNTY WARREN	SHEET 97	SHEET 54	SHEET NO. 6 16 SHEETS
FED. ROAD DIST. NO. 7		ILLINOIS	FED. AID PROJECT		

Contract #88798

**BEAM 1**

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection
BK N. Abut.	82861.120	15.833	625.573	625.573
€ Brg N. Abut.	82862.912	15.833	625.582	625.582
A	82872.912	15.833	625.632	625.642
B	82882.912	15.833	625.684	625.696
C	82892.912	15.833	625.742	625.748
€ Pier 1	82901.412	15.833	625.797	625.797
D	82911.412	15.833	625.867	625.871
E	82921.412	15.833	625.943	625.952
F	82931.412	15.833	626.025	626.032
G	82941.412	15.833	626.114	626.117
€ Pier 2	82946.578	15.833	626.163	626.163
H	82956.578	15.833	626.261	626.268
I	82966.578	15.833	626.366	626.377
J	82976.578	15.833	626.486	626.486
€ Brg S. Abut.	82985.078	15.833	626.576	626.576
BK S. Abut.	82986.870	15.833	626.598	626.598

**BEAM 2**

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection
BK N. Abut.	82861.120	9.500	625.692	625.692
€ Brg N. Abut.	82862.912	9.500	625.701	625.701
A	82872.912	9.500	625.751	625.761
B	82882.912	9.500	625.803	625.814
C	82892.912	9.500	625.861	625.867
€ Pier 1	82901.412	9.500	625.916	625.916
D	82911.412	9.500	625.986	625.990
E	82921.412	9.500	626.062	626.071
F	82931.412	9.500	626.144	626.151
G	82941.412	9.500	626.233	626.235
€ Pier 2	82946.578	9.500	626.281	626.281
H	82956.578	9.500	626.380	626.387
I	82966.578	9.500	626.485	626.496
J	82976.578	9.500	626.596	626.605
€ Brg S. Abut.	82985.078	9.500	626.695	626.695
BK S. Abut.	82986.870	9.500	626.717	626.717

**BEAM 3**

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection
BK N. Abut.	82861.120	3.167	625.791	625.791
€ Brg N. Abut.	82862.912	3.167	625.800	625.800
A	82872.912	3.167	625.850	625.860
B	82882.912	3.167	625.902	625.913
C	82892.912	3.167	625.960	625.966
€ Pier 1	82901.412	3.167	626.015	626.015
D	82911.412	3.167	626.085	626.089
E	82921.412	3.167	626.161	626.170
F	82931.412	3.167	626.243	626.250
G	82941.412	3.167	626.332	626.334
€ Pier 2	82946.578	3.167	626.380	626.380
H	82956.578	3.167	626.479	626.486
I	82966.578	3.167	626.584	626.595
J	82976.578	3.167	626.695	626.704
€ Brg S. Abut.	82985.078	3.167	626.794	626.794
BK S. Abut.	82986.870	3.167	626.816	626.816

**€ ROADWAY, P.G., & STAGE CONST. JOINT**

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection
BK N. Abut.	82861.120	0.000	625.841	625.841
€ Brg N. Abut.	82862.912	0.000	625.850	625.850
A	82872.912	0.000	625.900	625.910
B	82882.912	0.000	625.952	625.963
C	82892.912	0.000	626.010	626.016
€ Pier 1	82901.412	0.000	626.064	626.064
D	82911.412	0.000	626.134	626.138
E	82921.412	0.000	626.210	626.219
F	82931.412	0.000	626.293	626.299
G	82941.412	0.000	626.382	626.384
€ Pier 2	82946.578	0.000	626.430	626.430
H	82956.578	0.000	626.528	626.535
I	82966.578	0.000	626.633	626.645
J	82976.578	0.000	626.744	626.753
€ Brg S. Abut.	82985.078	0.000	626.844	626.844
BK S. Abut.	82986.870	0.000	626.865	626.865

**BEAM 4**

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection
BK N. Abut.	82861.120	-3.167	625.791	625.791
€ Brg N. Abut.	82862.912	-3.167	625.800	625.800
A	82872.912	-3.167	625.850	625.860
B	82882.912	-3.167	625.902	625.913
C	82892.912	-3.167	625.960	625.966
€ Pier 1	82901.412	-3.167	626.015	626.015
D	82911.412	-3.167	626.085	626.089
E	82921.412	-3.167	626.161	626.170
F	82931.412	-3.167	626.243	626.250
G	82941.412	-3.167	626.332	626.334
€ Pier 2	82946.578	-3.167	626.380	626.380
H	82956.578	-3.167	626.479	626.486
I	82966.578	-3.167	626.584	626.595
J	82976.578	-3.167	626.695	626.704
€ Brg S. Abut.	82985.078	-3.167	626.794	626.794
BK S. Abut.	82986.870	-3.167	626.816	626.816

**BEAM 5**

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection
BK N. Abut.	82861.120	-9.500	625.692	625.692
€ Brg N. Abut.	82862.912	-9.500	625.701	625.701
A	82872.912	-9.500	625.751	625.761
B	82882.912	-9.500	625.803	625.814
C	82892.912	-9.500	625.861	625.867
€ Pier 1	82901.412	-9.500	625.916	625.916
D	82911.412	-9.500	625.986	625.990
E	82921.412	-9.500	626.062	626.071
F	82931.412	-9.500	626.144	626.151
G	82941.412	-9.500	626.233	626.235
€ Pier 2	82946.578	-9.500	626.281	626.281
H	82956.578	-9.500	626.380	626.387
I	82966.578	-9.500	626.485	626.496
J	82976.578	-9.500	626.596	626.605
€ Brg S. Abut.	82985.078	-9.500	626.695	626.695
BK S. Abut.	82986.870	-9.500	626.717	626.717

**BEAM 6**

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection
BK N. Abut.	82861.120	-15.833	625.573	625.573
€ Brg N. Abut.	82862.912	-15.833	625.582	625.582
A	82872.912	-15.833	625.632	625.642
B	82882.912	-15.833	625.684	625.696
C	82892.912	-15.833	625.742	625.748
€ Pier 1	82901.412	-15.833	625.797	625.797
D	82911.412	-15.833	625.867	625.871
E	82921.412	-15.833	625.943	625.952
F	82931.412	-15.833	626.025	626.032
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I	82966.578	-15.833	626.366	626.377
J	82976.578	-15.833	626.486	626.486
€ Brg S. Abut.	82985.078	-15.833	626.576	626.576
BK S. Abut.	82986.870	-15.833	626.598	626.598

DESIGNED	Tom L. Kurtenbach
CHECKED	Alan M. Johnson
DRAWN	AMC Amber M. Seiber
CHECKED	TLK/AMJ

EXAMINED	Thomas J. Domagalicki	September 4, 2007
PASSED	Ralph E. Anderson	

TOP OF SLAB ELEVATIONS  
F.A.P. ROUTE 310 - SECTION 28BR-1  
WARREN COUNTY  
STATION 829+24.00  
STRUCTURE NO. 094-0002