

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

F.A.P. ROUTE	SECTION	COUNTY	SHEET NO.	SHEET	SHEET NO. 7 24 SHEETS
FAP 805	147BR	ST. CLAIR	52	27	
FED. ROAD DIST. NO. 1	ILLINOIS	FED. AID PROJECT	Contract No. 76393		

**GIRDER 7**

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflections
Bk. N. Abut.	100 + 36.38	6.667	463.176	463.176
CL N. Abut.	100 + 37.83	6.667	463.206	463.206
A	100 + 47.83	6.667	463.412	463.536
B	100 + 57.83	6.667	463.618	463.860
C	100 + 67.83	6.667	463.824	464.165
D	100 + 77.83	6.667	464.030	464.449
E	100 + 87.83	6.667	464.236	464.706
F	100 + 97.83	6.667	464.442	464.934
G	101 + 07.83	6.667	464.648	465.131
H	101 + 17.83	6.667	464.854	465.299
I	101 + 27.83	6.667	465.073	465.451
J	101 + 37.83	6.667	465.295	465.582
K	101 + 47.83	6.667	465.531	465.708
CL S. Abut.	101 + 62.10	6.667	465.889	465.889
Bk. S. Abut.	101 + 63.55	6.667	465.927	465.927

**PROFILE GRADE -- S.B. STRUCTURE**

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflections
Bk. N. Abut.	100 + 33.88	11.000	463.048	463.048
CL N. Abut.	100 + 35.33	11.000	463.087	463.087
A	100 + 45.33	11.000	463.293	463.417
B	100 + 55.33	11.000	463.499	463.740
C	100 + 65.33	11.000	463.705	464.046
D	100 + 75.33	11.000	463.911	464.330
E	100 + 85.33	11.000	464.117	464.587
F	100 + 95.33	11.000	464.323	464.814
G	101 + 05.33	11.000	464.529	465.012
H	101 + 15.33	11.000	464.735	465.180
I	101 + 25.33	11.000	464.952	465.330
J	101 + 35.33	11.000	465.171	465.458
K	101 + 45.33	11.000	465.403	465.580
CL S. Abut.	101 + 59.60	11.000	465.757	465.757
Bk. S. Abut.	101 + 61.05	11.000	465.794	465.794

**GIRDER 8**

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflections
Bk. N. Abut.	100 + 32.15	14.000	462.966	462.966
CL N. Abut.	100 + 33.60	14.000	462.966	462.966
A	100 + 43.60	14.000	463.210	463.334
B	100 + 53.60	14.000	463.416	463.658
C	100 + 63.60	14.000	463.622	463.963
D	100 + 73.60	14.000	463.828	464.247
E	100 + 83.60	14.000	464.034	464.504
F	100 + 93.60	14.000	464.240	464.732
G	101 + 03.60	14.000	464.446	464.930
H	101 + 13.60	14.000	464.652	465.097
I	101 + 23.60	14.000	464.868	465.246
J	101 + 33.60	14.000	465.085	465.372
K	101 + 43.60	14.000	465.315	465.492
CL S. Abut.	101 + 57.87	14.000	465.665	465.665
Bk. S. Abut.	101 + 59.31	14.000	465.702	465.702

**GIRDER 9**

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflections
Bk. N. Abut.	100 + 27.91	21.333	462.767	462.767
CL N. Abut.	100 + 29.36	21.333	462.795	462.795
A	100 + 39.36	21.333	463.008	463.133
B	100 + 49.36	21.333	463.214	463.456
C	100 + 59.36	21.333	463.420	463.761
D	100 + 69.36	21.333	463.626	464.046
E	100 + 79.36	21.333	463.832	464.302
F	100 + 89.36	21.333	464.038	464.530
G	100 + 99.36	21.333	464.244	464.728
H	101 + 09.36	21.333	464.450	464.895
I	101 + 19.36	21.333	464.656	465.035
J	101 + 29.36	21.333	464.877	465.164
K	101 + 39.36	21.333	465.102	465.278
CL S. Abut.	101 + 53.63	21.333	465.444	465.444
Bk. S. Abut.	101 + 55.08	21.333	465.480	465.480

**GIRDER 10**

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflections
Bk. N. Abut.	100 + 23.68	28.667	462.569	462.569
CL N. Abut.	100 + 25.13	28.667	462.597	462.597
A	100 + 35.13	28.667	462.807	462.931
B	100 + 45.13	28.667	463.013	463.254
C	100 + 55.13	28.667	463.219	463.569
D	100 + 65.13	28.667	463.425	463.844
E	100 + 75.13	28.667	463.631	464.101
F	100 + 85.13	28.667	463.837	464.328
G	100 + 95.13	28.667	464.043	464.526
H	101 + 05.13	28.667	464.249	464.694
I	101 + 15.13	28.667	464.455	464.833
J	101 + 25.13	28.667	464.671	464.958
K	101 + 35.13	28.667	464.890	465.067
CL S. Abut.	101 + 49.40	28.667	465.225	465.225
Bk. S. Abut.	101 + 50.85	28.667	465.261	465.261

**GIRDER 11**

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflections
Bk. N. Abut.	100 + 19.45	36.000	462.367	462.367
CL N. Abut.	100 + 20.89	36.000	462.395	462.395
A	100 + 30.89	36.000	462.592	462.716
B	100 + 40.89	36.000	462.806	463.047
C	100 + 50.89	36.000	463.012	463.352
D	100 + 60.89	36.000	463.218	463.637
E	100 + 70.89	36.000	463.424	463.894
F	100 + 80.89	36.000	463.630	464.121
G	100 + 90.89	36.000	463.836	464.319
H	101 + 00.89	36.000	464.042	464.487
I	101 + 10.89	36.000	464.248	464.626
J	101 + 20.89	36.000	464.463	464.749
K	101 + 30.89	36.000	464.676	464.853
CL S. Abut.	101 + 45.17	36.000	465.003	465.003
Bk. S. Abut.	101 + 46.61	36.000	465.038	465.038

**W. LONG. BONDED JT. -- S.B. STRUCTURE**

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflections
Bk. N. Abut.	100 + 17.71	39.000	462.272	462.272
CL N. Abut.	100 + 19.16	39.000	462.299	462.299
A	100 + 29.16	39.000	462.495	462.619
B	100 + 39.16	39.000	462.707	462.949
C	100 + 49.16	39.000	462.913	463.254
D	100 + 59.16	39.000	463.119	463.539
E	100 + 69.16	39.000	463.325	463.795
F	100 + 79.16	39.000	463.531	464.023
G	100 + 89.16	39.000	463.737	464.221
H	100 + 99.16	39.000	463.943	464.388
I	101 + 09.16	39.000	464.149	464.528
J	101 + 19.16	39.000	464.355	464.642
K	101 + 29.16	39.000	464.576	464.752
CL S. Abut.	101 + 43.43	39.000	464.900	464.900
Bk. S. Abut.	101 + 44.88	39.000	464.934	464.934

**GIRDER 12**

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflections
Bk. N. Abut.	100 + 15.21	43.333	462.135	462.135
CL N. Abut.	100 + 16.66	43.333	462.162	462.162
A	100 + 26.66	43.333	462.365	462.479
B	100 + 36.66	43.333	462.566	462.807
C	100 + 46.66	43.333	462.772	463.112
D	100 + 56.66	43.333	462.978	463.397
E	100 + 66.66	43.333	463.184	463.654
F	100 + 76.66	43.333	463.390	463.881
G	100 + 86.66	43.333	463.596	464.079
H	100 + 96.66	43.333	463.802	464.247
I	101 + 06.66	43.333	464.008	464.386
J	101 + 16.66	43.333	464.214	464.500
K	101 + 26.66	43.333	464.431	464.608
CL S. Abut.	101 + 40.93	43.333	464.751	464.751
Bk. S. Abut.	101 + 42.38	43.333	464.785	464.785

FILE LOCATION: #FILES\*  
DATE: #DATE\*  
TIME: #TIME\*  
PLOTTED BY: #USER\*

THOUVENOT, WADE & MOERCHEN, INC.



DESIGNED	-	ALN
CHECKED	-	BWP
DRAWN	-	JMI, DEH
CHECKED	-	ALN

Note:  
Longitudinal Bonded Joints are optional. Elevation information is provided at the locations noted on the "Deck Elevation" Plan.

ILLINOIS ROUTE 161 OVER  
TRIBUTARY TO SCHOENBERGER CREEK  
F.A.P. ROUTE 805 - SECTION 147BR  
ST. CLAIR COUNTY  
STATION 101+03.82  
STRUCTURE NO. 082-0102 (N.B.)  
STRUCTURE NO. 082-0103 (S.B.)

DECK ELEVATIONS