

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	SHEET NO. 6 20 SHEETS
F.A.P. 322	12-1, BR	UNION	36	22	
FED. ROAD DIST. NO. 7	ILLINOIS	FED. AID PROJECT-			

Contract #98886

**BEAM 1**

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection
Bk. of Exist. N. Abut.	80154.22	-18.75	491.79	491.79
@ Brg. N. Abut.	80155.48	-18.75	491.78	491.78
C	80165.48	-18.75	491.77	491.81
D	80175.48	-18.75	491.77	491.82
E	80185.48	-18.75	491.78	491.81
@ Brg. S. Abut.	80193.29	-18.75	491.80	491.80
Bk. of Exist. S. Abut.	80194.55	-18.75	491.80	491.80

**BEAM 2**

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection
Bk. of Exist. N. Abut.	80148.47	-11.25	491.95	491.95
@ Brg. N. Abut.	80149.73	-11.25	491.95	491.95
C	80159.73	-11.25	491.93	491.96
D	80169.73	-11.25	491.92	491.97
E	80179.73	-11.25	491.93	491.95
@ Brg. S. Abut.	80187.54	-11.25	491.94	491.94
Bk. of Exist. S. Abut.	80188.80	-11.25	491.94	491.94

**BEAM 3**

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection
Bk. of Exist. N. Abut.	80142.71	-3.75	492.08	492.08
@ Brg. N. Abut.	80143.97	-3.75	492.08	492.08
C	80153.97	-3.75	492.06	492.09
D	80163.97	-3.75	492.04	492.09
E	80173.97	-3.75	492.04	492.07
@ Brg. S. Abut.	80181.78	-3.75	492.05	492.05
Bk. of Exist. S. Abut.	80183.04	-3.75	492.05	492.05

**@ ROADWAY, PROFILE GRADE, & STAGE CONST. JOINT**

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection
Bk. of Exist. N. Abut.	80139.83	0.00	492.15	492.15
@ Brg. N. Abut.	80141.09	0.00	492.15	492.15
C	80151.09	0.00	492.12	492.15
D	80161.09	0.00	492.10	492.15
E	80171.09	0.00	492.10	492.13
@ Brg. S. Abut.	80178.91	0.00	492.10	492.10
Bk. of Exist. S. Abut.	80180.17	0.00	492.10	492.10

**BEAM 4**

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection
Bk. of Exist. N. Abut.	80136.96	3.75	492.10	492.10
@ Brg. N. Abut.	80138.22	3.75	492.10	492.10
C	80148.22	3.75	492.07	492.10
D	80158.22	3.75	492.05	492.09
E	80168.22	3.75	492.04	492.07
@ Brg. S. Abut.	80176.03	3.75	492.04	492.04
Bk. of Exist. S. Abut.	80177.29	3.75	492.04	492.04

**BEAM 5**

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection
Bk. of Exist. N. Abut.	80131.20	11.25	492.01	492.01
@ Brg. N. Abut.	80132.46	11.25	492.00	492.00
C	80142.46	11.25	491.97	492.00
D	80152.46	11.25	491.94	491.99
E	80162.46	11.25	491.93	491.95
@ Brg. S. Abut.	80170.27	11.25	491.92	491.92
Bk. of Exist. S. Abut.	80171.53	11.25	491.92	491.92

**BEAM 6**

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection
Bk. of Exist. N. Abut.	80125.45	18.75	491.88	491.88
@ Brg. N. Abut.	80126.71	18.75	491.88	491.88
C	80136.71	18.75	491.84	491.87
D	80146.71	18.75	491.80	491.85
E	80156.71	18.75	491.78	491.81
@ Brg. S. Abut.	80164.52	18.75	491.77	491.77
Bk. of Exist. S. Abut.	80165.78	18.75	491.77	491.77

DESIGNED Patrick M. Petrone
CHECKED Jay D. Edwards
DRAWN BECKY M. LEACH
CHECKED PMP/JDE

EXAMINED <i>Thomas J. Domagala</i> ENGINEER OF BRIDGE DESIGN	July 22, 2008
PASSED <i>Ralph E. Anderson</i> ENGINEER OF BRIDGES AND STRUCTURES	

TOP OF SLAB ELEVATIONS  
F.A.P. ROUTE 322 - SECTION 12-1, BR  
UNION CO.  
STATION 801+60.00  
STRUCTURE NO. 091-0022