

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

ROUTE NO.	SECTION	COUNTY	SHEET NO.	SHEET	SHEET NO. 6 16 SHEETS
FAU 6769	(8B) BR-4	TAZEWELL	102	10	
FED. ROAD DIST. NO. 7	ILLINOIS	FED. AID PROJECT			

Contract No. 68247

**BEAM 1**

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection
Bk E Abut	31927.00	-16.04	629.31	629.31
CL E Abut	31928.25	-16.04	629.32	629.32
A	31938.25	-16.04	629.41	629.44
B	31948.25	-16.04	629.53	629.57
C	31958.25	-16.04	629.66	629.71
D	31968.25	-16.04	629.81	629.87
E	31978.25	-16.04	629.98	630.04
F	31988.25	-16.04	630.16	630.22
G	31998.25	-16.04	630.37	630.40
H	32008.25	-16.04	630.60	630.61
CL W Abut	32013.75	-16.04	630.73	630.73
Bk W Abut	32015.00	-16.04	630.76	630.76

**BEAM 2**

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection
Bk E Abut	31927.00	-9.63	629.43	629.43
CL E Abut	31928.25	-9.63	629.44	629.44
A	31938.25	-9.63	629.54	629.56
B	31948.25	-9.63	629.65	629.69
C	31958.25	-9.63	629.78	629.84
D	31968.25	-9.63	629.93	629.99
E	31978.25	-9.63	630.10	630.16
F	31988.25	-9.63	630.28	630.34
G	31998.25	-9.63	630.49	630.53
H	32008.25	-9.63	630.72	630.73
CL W Abut	32013.75	-9.63	630.85	630.85
Bk W Abut	32015.00	-9.63	630.88	630.88

**BEAM 3**

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection
Bk E Abut	31927.00	-3.21	629.53	629.53
CL E Abut	31928.25	-3.21	629.54	629.54
A	31938.25	-3.21	629.64	629.66
B	31948.25	-3.21	629.75	629.79
C	31958.25	-3.21	629.88	629.94
D	31968.25	-3.21	630.03	630.10
E	31978.25	-3.21	630.20	630.26
F	31988.25	-3.21	630.38	630.44
G	31998.25	-3.21	630.59	630.63
H	32008.25	-3.21	630.82	630.83
CL W Abut	32013.75	-3.21	630.95	630.95
Bk W Abut	32015.00	-3.21	630.98	630.98

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

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection
Bk E Abut	31927.00	0.00	629.58	629.58
CL E Abut	31928.25	0.00	629.59	629.59
A	31938.25	0.00	629.69	629.71
B	31948.25	0.00	629.80	629.84
C	31958.25	0.00	629.93	629.99
D	31968.25	0.00	630.08	630.15
E	31978.25	0.00	630.25	630.31
F	31988.25	0.00	630.43	630.49
G	31998.25	0.00	630.64	630.68
H	32008.25	0.00	630.87	630.88
CL W Abut	32013.75	0.00	631.00	631.00
Bk W Abut	32015.00	0.00	631.03	631.03

**BEAM 4**

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection
Bk E Abut	31927.00	3.21	629.53	629.53
CL E Abut	31928.25	3.21	629.54	629.54
A	31938.25	3.21	629.64	629.66
B	31948.25	3.21	629.75	629.79
C	31958.25	3.21	629.88	629.94
D	31968.25	3.21	630.03	630.10
E	31978.25	3.21	630.20	630.26
F	31988.25	3.21	630.38	630.44
G	31998.25	3.21	630.59	630.63
H	32008.25	3.21	630.82	630.83
CL W Abut	32013.75	3.21	630.95	630.95
Bk W Abut	32015.00	3.21	630.98	630.98

**BEAM 5**

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection
Bk E Abut	31927.00	9.63	629.43	629.43
CL E Abut	31928.25	9.63	629.44	629.44
A	31938.25	9.63	629.54	629.56
B	31948.25	9.63	629.65	629.69
C	31958.25	9.63	629.78	629.84
D	31968.25	9.63	629.93	629.99
E	31978.25	9.63	630.10	630.16
F	31988.25	9.63	630.28	630.34
G	31998.25	9.63	630.49	630.53
H	32008.25	9.63	630.72	630.73
CL W Abut	32013.75	9.63	630.85	630.85
Bk W Abut	32015.00	9.63	630.88	630.88

**BEAM 6**

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection
Bk E Abut	31927.00	16.04	629.31	629.31
CL E Abut	31928.25	16.04	629.32	629.32
A	31938.25	16.04	629.41	629.44
B	31948.25	16.04	629.53	629.57
C	31958.25	16.04	629.66	629.71
D	31968.25	16.04	629.81	629.87
E	31978.25	16.04	629.98	630.04
F	31988.25	16.04	630.16	630.22
G	31998.25	16.04	630.37	630.40
H	32008.25	16.04	630.60	630.61
CL W Abut	32013.75	16.04	630.73	630.73
Bk W Abut	32015.00	16.04	630.76	630.76

DESIGNED	MDS
CHECKED	DFZ/AJB
DRAWN	h.t. duong
CHECKED	MDS/AJB

Sep. 12, 2006  
 EXAMINED *Thomas J. Damagala*  
 ENGINEER OF BRIDGE DESIGN  
 PASSED *Ralph E. Anderson*  
 ENGINEER OF BRIDGES AND STRUCTURES

**TOP OF SLAB ELEVATIONS  
 F.A.U. 6769 - SECTION (8B)BR-4  
 TAZEWELL COUNTY  
 STATION 319+71  
 STRUCTURE NO. 090-0173**