

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
F.A.S. 1832	5BR-2	WASHINGTON	97	31
FED. ROAD DIST. NO. 7	ILLINOIS	FED. AID PROJECT-		

SHEET NO. 5

18 SHEETS

Contract #76949

BEAM 1

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection
Bk. W. Abut.	145279.50	-14.79	440.59	440.59
⊕ Brg. W. Abut.	145280.75	-14.79	440.59	440.59
A	145290.75	-14.79	440.60	440.66
B	145300.75	-14.79	440.60	440.71
C	145310.75	-14.79	440.60	440.73
D	145320.75	-14.79	440.60	440.71
E	145330.75	-14.79	440.59	440.66
⊕ Brg. E. Abut.	145342.25	-14.79	440.57	440.57
Bk. E. Abut.	145343.50	-14.79	440.57	440.57

BEAM 2

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection
Bk. W. Abut.	145279.50	-8.87	440.69	440.69
⊕ Brg. W. Abut.	145280.75	-8.87	440.70	440.70
A	145290.75	-8.87	440.71	440.77
B	145300.75	-8.87	440.71	440.82
C	145310.75	-8.87	440.71	440.84
D	145320.75	-8.87	440.70	440.81
E	145330.75	-8.87	440.69	440.76
⊕ Brg. E. Abut.	145342.25	-8.87	440.68	440.68
Bk. E. Abut.	145343.50	-8.87	440.67	440.67

BEAM 3

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection
Bk. W. Abut.	145279.50	-2.96	440.79	440.79
⊕ Brg. W. Abut.	145280.75	-2.96	440.79	440.79
A	145290.75	-2.96	440.80	440.86
B	145300.75	-2.96	440.80	440.91
C	145310.75	-2.96	440.80	440.93
D	145320.75	-2.96	440.80	440.91
E	145330.75	-2.96	440.79	440.86
⊕ Brg. E. Abut.	145342.25	-2.96	440.77	440.77
Bk. E. Abut.	145343.50	-2.96	440.77	440.77

⊕ RDWY, P.G. & STAGE CONSTRUCTION JOINT

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection
Bk. W. Abut.	145279.50	0.00	440.83	440.83
⊕ Brg. W. Abut.	145280.75	0.00	440.83	440.83
A	145290.75	0.00	440.84	440.91
B	145300.75	0.00	440.85	440.95
C	145310.75	0.00	440.85	440.98
D	145320.75	0.00	440.84	440.95
E	145330.75	0.00	440.83	440.90
⊕ Brg. E. Abut.	145342.25	0.00	440.81	440.81
Bk. E. Abut.	145343.50	0.00	440.81	440.81

BEAM 4

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection
Bk. W. Abut.	145279.50	2.96	440.79	440.79
⊕ Brg. W. Abut.	145280.75	2.96	440.79	440.79
A	145290.75	2.96	440.80	440.86
B	145300.75	2.96	440.80	440.91
C	145310.75	2.96	440.80	440.93
D	145320.75	2.96	440.80	440.91
E	145330.75	2.96	440.79	440.86
⊕ Brg. E. Abut.	145342.25	2.96	440.77	440.77
Bk. E. Abut.	145343.50	2.96	440.77	440.77

BEAM 5

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection
Bk. W. Abut.	145279.50	8.88	440.69	440.69
⊕ Brg. W. Abut.	145280.75	8.88	440.70	440.70
A	145290.75	8.88	440.71	440.77
B	145300.75	8.88	440.71	440.82
C	145310.75	8.88	440.71	440.84
D	145320.75	8.88	440.70	440.81
E	145330.75	8.88	440.69	440.76
⊕ Brg. E. Abut.	145342.25	8.88	440.68	440.68
Bk. E. Abut.	145343.50	8.88	440.67	440.67

BEAM 6

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection
Bk. W. Abut.	145279.50	14.79	440.59	440.59
⊕ Brg. W. Abut.	145280.75	14.79	440.59	440.59
A	145290.75	14.79	440.60	440.66
B	145300.75	14.79	440.60	440.71
C	145310.75	14.79	440.60	440.73
D	145320.75	14.79	440.60	440.71
E	145330.75	14.79	440.59	440.66
⊕ Brg. E. Abut.	145342.25	14.79	440.57	440.57
Bk. E. Abut.	145343.50	14.79	440.57	440.57

DESIGNED	Phillip R. Litchfield
CHECKED	Nicholas R. Barnett
DRAWN	Gregory D. Farmer
CHECKED	PRL/NRB

January 28, 2008
 EXAMINED *Thomas J. Demagala*
 ENGINEER OF BRIDGE DESIGN
 PASSED *Ralph E. Anderson*
 ENGINEER OF BRIDGES AND STRUCTURES

TOP OF SLAB ELEVATIONS
F.A.S. RTE. 1832 - SEC. 5BR-2
WASHINGTON CO.
STATION 1453+11.50
STRUCTURE NO. 095-0077