

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

ROUTE NO.	SECTION	COUNTY	TOWNSHIP	SHEET	SHEET NO. 7 51 SHEETS
F.A.I. 57	(X1-6-2) VB-2	WILLIAMSON	917	840	
FED. ROAD DIST. NO. 7	ILLINOIS		FED. AID PROJECT-		

Contract #98950

**BEAM 1**

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection
Bk. N. Abut.	151594.49	-41.833	465.23	465.23
⊕ Brg. N. Abut.	151595.74	-41.833	465.24	465.24
A	151605.74	-41.833	465.30	465.30
B	151615.74	-41.833	465.36	465.36
C	151625.74	-41.833	465.42	465.42
⊕ Brg. Pier 1	151630.82	-41.833	465.45	465.45
D	151640.82	-41.833	465.51	465.53
E	151650.82	-41.833	465.58	465.61
F	151660.82	-41.833	465.63	465.68
G	151670.82	-41.833	465.70	465.73
H	151680.82	-41.833	465.76	465.78
⊕ Brg. Pier 2	151691.15	-41.833	465.82	465.82
I	151701.15	-41.833	465.88	465.88
J	151711.15	-41.833	465.94	465.94
K	151721.15	-41.833	466.00	466.00
⊕ Brg. S. Abut.	151726.24	-41.833	466.03	466.03
Bk. S. Abut.	151727.49	-41.833	466.04	466.04

**BEAM 2**

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection
Bk. N. Abut.	151594.25	-34.75	465.61	465.61
⊕ Brg. N. Abut.	151595.50	-34.75	465.62	465.62
A	151605.50	-34.75	465.68	465.68
B	151615.50	-34.75	465.75	465.75
C	151625.50	-34.75	465.80	465.80
⊕ Brg. Pier 1	151630.59	-34.75	465.84	465.84
D	151640.59	-34.75	465.89	465.91
E	151650.59	-34.75	465.96	465.99
F	151660.59	-34.75	466.02	466.07
G	151670.59	-34.75	466.08	466.11
H	151680.59	-34.75	466.14	466.16
⊕ Brg. Pier 2	151690.92	-34.75	466.21	466.21
I	151700.92	-34.75	466.26	466.26
J	151710.92	-34.75	466.32	466.32
K	151720.92	-34.75	466.39	466.39
⊕ Brg. S. Abut.	151726.00	-34.75	466.41	466.41
Bk. S. Abut.	151727.25	-34.75	466.42	466.42

**BEAM 3**

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection
Bk. N. Abut.	151594.02	-27.67	465.99	465.99
⊕ Brg. N. Abut.	151595.27	-27.67	466.00	466.00
A	151605.27	-27.67	466.06	466.06
B	151615.27	-27.67	466.13	466.13
C	151625.27	-27.67	466.18	466.18
⊕ Brg. Pier 1	151630.35	-27.67	466.22	466.22
D	151640.35	-27.67	466.27	466.29
E	151650.35	-27.67	466.34	466.37
F	151660.35	-27.67	466.40	466.45
G	151670.35	-27.67	466.46	466.49
H	151680.35	-27.67	466.52	466.54
⊕ Brg. Pier 2	151690.69	-27.67	466.59	466.59
I	151700.69	-27.67	466.64	466.64
J	151710.69	-27.67	466.70	466.70
K	151720.69	-27.67	466.77	466.77
⊕ Brg. S. Abut.	151725.77	-27.67	466.79	466.79
Bk. S. Abut.	151727.02	-27.67	466.80	466.80

**BEAM 4**

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection
Bk. N. Abut.	151593.79	-20.58	466.37	466.37
⊕ Brg. N. Abut.	151595.04	-20.58	466.38	466.38
A	151605.04	-20.58	466.44	466.44
B	151615.04	-20.58	466.51	466.51
C	151625.04	-20.58	466.56	466.56
⊕ Brg. Pier 1	151630.12	-20.58	466.60	466.60
D	151640.12	-20.58	466.65	466.67
E	151650.12	-20.58	466.72	466.75
F	151660.12	-20.58	466.78	466.83
G	151670.12	-20.58	466.84	466.87
H	151680.12	-20.58	466.90	466.92
⊕ Brg. Pier 2	151690.45	-20.58	466.97	466.97
I	151700.45	-20.58	467.02	467.02
J	151710.45	-20.58	467.08	467.08
K	151720.45	-20.58	467.15	467.15
⊕ Brg. S. Abut.	151725.54	-20.58	467.17	467.17
Bk. S. Abut.	151726.79	-20.58	467.18	467.18

**BEAM 5**

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection
Bk. N. Abut.	151593.55	-13.50	466.66	466.66
⊕ Brg. N. Abut.	151594.80	-13.50	466.66	466.66
A	151604.80	-13.50	466.72	466.72
B	151614.80	-13.50	466.77	466.77
C	151624.80	-13.50	466.83	466.82
⊕ Brg. Pier 1	151629.89	-13.50	466.85	466.85
D	151639.89	-13.50	466.91	466.93
E	151649.89	-13.50	466.96	467.00
F	151659.89	-13.50	467.02	467.06
G	151669.89	-13.50	467.07	467.10
H	151679.89	-13.50	467.12	467.14
⊕ Brg. Pier 2	151690.22	-13.50	467.18	467.18
I	151700.22	-13.50	467.23	467.23
J	151710.22	-13.50	467.29	467.29
K	151720.22	-13.50	467.34	467.34
⊕ Brg. S. Abut.	151725.30	-13.50	467.37	467.37
Bk. S. Abut.	151726.55	-13.50	467.38	467.38

**EAST STAGE CONSTRUCTION JOINT**

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection
Bk. N. Abut.	151593.50	-12.00	466.69	466.69
⊕ Brg. N. Abut.	151594.75	-12.00	466.69	466.69
A	151604.75	-12.00	466.75	466.75
B	151614.75	-12.00	466.80	466.80
C	151624.75	-12.00	466.86	466.85
⊕ Brg. Pier 1	151629.84	-12.00	466.88	466.88
D	151639.84	-12.00	466.94	466.96
E	151649.84	-12.00	466.99	467.03
F	151659.84	-12.00	467.05	467.09
G	151669.84	-12.00	467.10	467.14
H	151679.84	-12.00	467.15	467.17
⊕ Brg. Pier 2	151690.17	-12.00	467.21	467.21
I	151700.17	-12.00	467.26	467.26
J	151710.17	-12.00	467.32	467.32
K	151720.17	-12.00	467.37	467.37
⊕ Brg. S. Abut.	151725.25	-12.00	467.40	467.40
Bk. S. Abut.	151726.50	-12.00	467.41	467.41

DESIGNED	Michael D. Cima
CHECKED	Fess Teklehaimanot
DRAWN	BECKY M. LEACH
CHECKED	M.D.C. & F.T.

January 22, 2007  
 EXAMINED *Thomas Demagalahi*  
 ENGINEER OF BRIDGE DESIGN  
 PASSED *Ralph E. Anderson*  
 ENGINEER OF BRIDGES AND STRUCTURES

**TOP OF SLAB ELEVATIONS**  
**F.A.I. RT. 57 SEC. (X1-6-2)VB-2**  
**WILLIAMSON COUNTY**  
**STA. 1516+58.56**  
**S.N. 100-0086 (N.B.)**  
**S.N. 100-0087 (S.B.)**