

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	SHEET NO. 8 51 SHEETS
F.A.I. 57	XI-6-2) VB-2	WILLIAMSON	917	841	
FED. ROAD DIST. NO. 7	ILLINOIS	FED. AID PROJECT-			

Contract #98950

**BEAM 6**

**☉ NORTHBOUND ROADWAY & PROFILE GRADE**

**BEAM 7**

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection
Bk. N. Abut.	151593.32	-6.42	466.77	466.77
☉ Brg. N. Abut.	151594.57	-6.42	466.78	466.78
A	151604.57	-6.42	466.83	466.84
B	151614.57	-6.42	466.89	466.89
C	151624.57	-6.42	466.94	466.94
☉ Brg. Pier 1	151629.65	-6.42	466.97	466.97
D	151639.65	-6.42	467.02	467.04
E	151649.65	-6.42	467.08	467.11
F	151659.65	-6.42	467.13	467.18
G	151669.65	-6.42	467.19	467.22
H	151679.65	-6.42	467.24	467.26
☉ Brg. Pier 2	151689.99	-6.42	467.30	467.30
I	151699.99	-6.42	467.35	467.35
J	151709.99	-6.42	467.40	467.40
K	151719.99	-6.42	467.46	467.46
☉ Brg. S. Abut.	151725.07	-6.42	467.49	467.49
Bk. S. Abut.	151726.32	-6.42	467.49	467.49

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection
Bk. N. Abut.	151593.11	0.00	466.87	466.87
☉ Brg. N. Abut.	151594.36	0.00	466.88	466.88
A	151604.36	0.00	466.93	466.93
B	151614.36	0.00	466.99	466.99
C	151624.36	0.00	467.04	467.04
☉ Brg. Pier 1	151629.44	0.00	467.07	467.07
D	151639.44	0.00	467.12	467.14
E	151649.44	0.00	467.18	467.21
F	151659.44	0.00	467.23	467.28
G	151669.44	0.00	467.29	467.32
H	151679.44	0.00	467.34	467.36
☉ Brg. Pier 2	151689.78	0.00	467.40	467.40
I	151699.78	0.00	467.45	467.45
J	151709.78	0.00	467.50	467.50
K	151719.78	0.00	467.56	467.56
☉ Brg. S. Abut.	151724.86	0.00	467.58	467.58
Bk. S. Abut.	151726.11	0.00	467.59	467.59

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection
Bk. N. Abut.	151593.09	0.67	466.86	466.86
☉ Brg. N. Abut.	151594.34	0.67	466.87	466.87
A	151604.34	0.67	466.92	466.92
B	151614.34	0.67	466.98	466.98
C	151624.34	0.67	467.03	467.03
☉ Brg. Pier 1	151629.42	0.67	467.06	467.06
D	151639.42	0.67	467.11	467.13
E	151649.42	0.67	467.17	467.20
F	151659.42	0.67	467.22	467.27
G	151669.42	0.67	467.27	467.31
H	151679.42	0.67	467.33	467.35
☉ Brg. Pier 2	151689.75	0.67	467.38	467.38
I	151699.75	0.67	467.44	467.44
J	151709.75	0.67	467.49	467.49
K	151719.75	0.67	467.55	467.55
☉ Brg. S. Abut.	151724.84	0.67	467.57	467.57
Bk. S. Abut.	151726.09	0.67	467.58	467.58

**BEAM 8**

**BEAM 9**

**BEAM 10**

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection
Bk. N. Abut.	151592.86	7.75	466.75	466.75
☉ Brg. N. Abut.	151594.11	7.75	466.76	466.76
A	151604.11	7.75	466.81	466.81
B	151614.11	7.75	466.87	466.86
C	151624.11	7.75	466.92	466.92
☉ Brg. Pier 1	151629.19	7.75	466.95	466.95
D	151639.19	7.75	467.00	467.02
E	151649.19	7.75	467.05	467.09
F	151659.19	7.75	467.11	467.16
G	151669.19	7.75	467.16	467.20
H	151679.19	7.75	467.22	467.24
☉ Brg. Pier 2	151689.52	7.75	467.27	467.27
I	151699.52	7.75	467.33	467.32
J	151709.52	7.75	467.38	467.38
K	151719.52	7.75	467.43	467.44
☉ Brg. S. Abut.	151724.60	7.75	467.46	467.46
Bk. S. Abut.	151725.85	7.75	467.47	467.47

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection
Bk. N. Abut.	151592.62	14.83	466.62	466.62
☉ Brg. N. Abut.	151593.87	14.83	466.63	466.63
A	151603.87	14.83	466.68	466.69
B	151613.87	14.83	466.74	466.74
C	151623.87	14.83	466.79	466.79
☉ Brg. Pier 1	151628.96	14.83	466.82	466.82
D	151638.96	14.83	466.87	466.89
E	151648.96	14.83	466.93	466.96
F	151658.96	14.83	466.98	467.03
G	151668.96	14.83	467.04	467.07
H	151678.96	14.83	467.09	467.11
☉ Brg. Pier 2	151689.29	14.83	467.15	467.15
I	151699.29	14.83	467.20	467.20
J	151709.29	14.83	467.25	467.25
K	151719.29	14.83	467.31	467.31
☉ Brg. S. Abut.	151724.37	14.83	467.34	467.34
Bk. S. Abut.	151725.62	14.83	467.34	467.34

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection
Bk. N. Abut.	151592.39	21.92	466.48	466.48
☉ Brg. N. Abut.	151593.64	21.92	466.48	466.48
A	151603.64	21.92	466.54	466.54
B	151613.64	21.92	466.59	466.59
C	151623.64	21.92	466.64	466.64
☉ Brg. Pier 1	151628.72	21.92	466.67	466.67
D	151638.72	21.92	466.73	466.75
E	151648.72	21.92	466.78	466.82
F	151658.72	21.92	466.83	466.88
G	151668.72	21.92	466.89	466.92
H	151678.72	21.92	466.94	466.96
☉ Brg. Pier 2	151689.06	21.92	467.00	467.00
I	151699.06	21.92	467.05	467.05
J	151709.06	21.92	467.11	467.11
K	151719.06	21.92	467.16	467.16
☉ Brg. S. Abut.	151724.14	21.92	467.19	467.19
Bk. S. Abut.	151725.39	21.92	467.19	467.19

DESIGNED	Michael D. Cima
CHECKED	Fess Teklehaimanot
DRAWN	DECKY M. LEAGH
CHECKED	M.D.C. & F.T.

EXAMINED	Thomas J. Domagala PROFESSOR OF BRIDGE DESIGN
PASSED	Ralph E. Anderson ENGINEER OF BRIDGES AND STRUCTURES

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