

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ROUTE NO.	SECTION	COUNTY	SHEETS	SHEET NO.
F.A.U. 9251	28-3 BR-1	ST. CLAIR	101	28
FED. ROAD DIST. NO. 7		ILLINOIS	FED. AID PROJECT	

Contract #76394

SHEET NO. 5
18 SHEETS

BEAM 1

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection
Bk. W. Abut	24554.67	-22.75	464.56	464.56
⊕ Brg W. Abut	24556.04	-22.75	464.56	464.56
A	24566.04	-22.75	464.54	464.57
B	24576.04	-22.75	464.53	464.56
C	24586.04	-22.75	464.51	464.53
⊕ Brg Pier 1	24598.67	-22.75	464.48	464.48
D	24608.67	-22.75	464.46	464.47
E	24618.67	-22.75	464.43	464.45
F	24628.67	-22.75	464.40	464.42
G	24638.67	-22.75	464.36	464.37
⊕ Brg Pier 2	24648.67	-22.75	464.32	464.32
H	24658.67	-22.75	464.28	464.29
I	24668.67	-22.75	464.23	464.26
J	24678.67	-22.75	464.18	464.21
⊕ Brg E. Abut	24691.30	-22.75	464.11	464.11
Bk. E. Abut	24692.67	-22.75	464.10	464.10

BEAM 2

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection
Bk. W. Abut	24557.57	-16.25	464.68	464.68
⊕ Brg W. Abut	24558.93	-16.25	464.68	464.68
A	24568.93	-16.25	464.67	464.69
B	24578.93	-16.25	464.65	464.68
C	24588.93	-16.25	464.63	464.65
⊕ Brg Pier 1	24601.56	-16.25	464.60	464.60
D	24611.56	-16.25	464.58	464.59
E	24621.56	-16.25	464.55	464.57
F	24631.56	-16.25	464.51	464.53
G	24641.56	-16.25	464.47	464.49
⊕ Brg Pier 2	24651.56	-16.25	464.43	464.43
H	24661.56	-16.25	464.39	464.40
I	24671.56	-16.25	464.34	464.37
J	24681.56	-16.25	464.29	464.32
⊕ Brg E. Abut	24694.20	-16.25	464.22	464.22
Bk. E. Abut	24695.56	-16.25	464.21	464.21

BEAM 3

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection
Bk. W. Abut	24560.46	-9.75	464.78	464.78
⊕ Brg W. Abut	24561.83	-9.75	464.78	464.78
A	24571.83	-9.75	464.76	464.79
B	24581.83	-9.75	464.75	464.78
C	24591.83	-9.75	464.73	464.75
⊕ Brg Pier 1	24604.46	-9.75	464.70	464.70
D	24614.46	-9.75	464.67	464.68
E	24624.46	-9.75	464.64	464.66
F	24634.46	-9.75	464.60	464.62
G	24644.46	-9.75	464.57	464.58
⊕ Brg Pier 2	24654.46	-9.75	464.52	464.52
H	24664.46	-9.75	464.48	464.49
I	24674.46	-9.75	464.43	464.46
J	24684.46	-9.75	464.38	464.40
⊕ Brg E. Abut	24697.09	-9.75	464.31	464.31
Bk. E. Abut	24698.46	-9.75	464.30	464.30

STAGE CONSTRUCTION JOINT

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection
Bk. W. Abut	24562.13	-6.00	464.84	464.84
⊕ Brg W. Abut	24563.50	-6.00	464.83	464.83
A	24573.50	-6.00	464.82	464.84
B	24583.50	-6.00	464.80	464.83
C	24593.50	-6.00	464.78	464.80
⊕ Brg Pier 1	24606.13	-6.00	464.75	464.75
D	24616.13	-6.00	464.72	464.73
E	24626.13	-6.00	464.69	464.71
F	24636.13	-6.00	464.66	464.68
G	24646.13	-6.00	464.62	464.63
⊕ Brg Pier 2	24656.13	-6.00	464.57	464.57
H	24666.13	-6.00	464.53	464.54
I	24676.13	-6.00	464.48	464.51
J	24686.13	-6.00	464.43	464.45
⊕ Brg E. Abut	24698.76	-6.00	464.36	464.36
Bk. E. Abut	24700.13	-6.00	464.35	464.35

BEAM 4

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection
Bk. W. Abut	24563.35	-3.25	464.88	464.88
⊕ Brg W. Abut	24564.72	-3.25	464.88	464.88
A	24574.72	-3.25	464.86	464.88
B	24584.72	-3.25	464.84	464.87
C	24594.72	-3.25	464.82	464.84
⊕ Brg Pier 1	24607.35	-3.25	464.79	464.79
D	24617.35	-3.25	464.76	464.77
E	24627.35	-3.25	464.73	464.75
F	24637.35	-3.25	464.69	464.71
G	24647.35	-3.25	464.65	464.67
⊕ Brg Pier 2	24657.35	-3.25	464.61	464.61
H	24667.35	-3.25	464.57	464.58
I	24677.35	-3.25	464.52	464.54
J	24687.35	-3.25	464.46	464.49
⊕ Brg E. Abut	24699.98	-3.25	464.39	464.39
Bk. E. Abut	24701.35	-3.25	464.38	464.38

⊕ RDWY. & P.G.

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection
Bk. W. Abut	24564.80	0.00	464.93	464.93
⊕ Brg W. Abut	24566.17	0.00	464.92	464.92
A	24576.17	0.00	464.91	464.93
B	24586.17	0.00	464.89	464.92
C	24596.17	0.00	464.87	464.89
⊕ Brg Pier 1	24608.80	0.00	464.84	464.84
D	24618.80	0.00	464.81	464.82
E	24628.80	0.00	464.78	464.80
F	24638.80	0.00	464.74	464.76
G	24648.80	0.00	464.70	464.71
⊕ Brg Pier 2	24658.80	0.00	464.66	464.66
H	24668.80	0.00	464.61	464.62
I	24678.80	0.00	464.56	464.59
J	24688.80	0.00	464.51	464.53
⊕ Brg E. Abut	24701.43	0.00	464.43	464.43
Bk. E. Abut	24702.80	0.00	464.42	464.42

BEAM 5

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection
Bk. W. Abut	24566.25	3.25	464.87	464.87
⊕ Brg W. Abut	24567.61	3.25	464.87	464.87
A	24577.61	3.25	464.86	464.88
B	24587.61	3.25	464.84	464.87
C	24597.61	3.25	464.82	464.83
⊕ Brg Pier 1	24610.25	3.25	464.78	464.78
D	24620.25	3.25	464.75	464.76
E	24630.25	3.25	464.72	464.74
F	24640.25	3.25	464.68	464.70
G	24650.25	3.25	464.64	464.65
⊕ Brg Pier 2	24660.25	3.25	464.60	464.60
H	24670.25	3.25	464.55	464.57
I	24680.25	3.25	464.50	464.53
J	24690.25	3.25	464.45	464.47
⊕ Brg E. Abut	24702.88	3.25	464.37	464.37
Bk. E. Abut	24704.25	3.25	464.37	464.37

BEAM 6

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection
Bk. W. Abut	24569.14	9.75	464.77	464.77
⊕ Brg W. Abut	24570.51	9.75	464.77	464.77
A	24580.51	9.75	464.75	464.77
B	24590.51	9.75	464.73	464.76
C	24600.51	9.75	464.71	464.73
⊕ Brg Pier 1	24613.14	9.75	464.67	464.67
D	24623.14	9.75	464.64	464.65
E	24633.14	9.75	464.61	464.63
F	24643.14	9.75	464.57	464.59
G	24653.14	9.75	464.53	464.54
⊕ Brg Pier 2	24663.14	9.75	464.48	464.48
H	24673.14	9.75	464.44	464.45
I	24683.14	9.75	464.39	464.41
J	24693.14	9.75	464.33	464.35
⊕ Brg E. Abut	24705.77	9.75	464.25	464.25
Bk. E. Abut	24707.14	9.75	464.25	464.25

BEAM 7

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection
Bk. W. Abut	24572.03	16.25	464.66	464.66
⊕ Brg W. Abut	24573.40	16.25	464.66	464.66
A	24583.40	16.25	464.64	464.67
B	24593.40	16.25	464.62	464.65
C	24603.40	16.25	464.60	464.62
⊕ Brg Pier 1	24616.03	16.25	464.56	464.56
D	24626.03	16.25	464.53	464.54
E	24636.03	16.25	464.50	464.52
F	24646.03	16.25	464.46	464.48
G	24656.03	16.25	464.41	464.43
⊕ Brg Pier 2	24666.03	16.25	464.37	464.37
H	24676.03	16.25	464.32	464.33
I	24686.03	16.25	464.27	464.29
J	24696.03	16.25	464.21	464.24
⊕ Brg E. Abut	24708.67	16.25	464.13	464.13
Bk. E. Abut	24710.03	16.25	464.13	464.13

BEAM 8

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection
Bk. W. Abut	24574.93	22.75	464.53	464.53
⊕ Brg W. Abut	24576.30	22.75	464.53	464.53
A	24586.30	22.75	464.51	464.53
B	24596.30	22.75	464.49	464.52
C	24606.30	22.75	464.46	464.48
⊕ Brg Pier 1	24618.93	22.75	464.43	464.43
D	24628.93	22.75	464.40	464.41
E	24638.93	22.75	464.36	464.38
F	24648.93	22.75	464.32	464.34
G	24658.93	22.75	464.28	464.29
⊕ Brg Pier 2	24668.93	22.75	464.23	464.23
H	24678.93	22.75	464.18	464.19
I	24688.93	22.75	464.12	464.15
J	24698.93	22.75	464.07	464.09
⊕ Brg E. Abut	24711.56	22.75	463.99	463.99
Bk. E. Abut	24712.93	22.75	463.98	463.98

DESIGNED	Rebecca Tharp
CHECKED	Curt Evoy
DRAWN	R. Sommer
CHECKED	RLT/CME

March 16, 2006
 EXAMINED *Thomas J. Domagala*
 ENGINEER OF BRIDGE DESIGN
 PASSED *Ralph E. Anderson*
 ENGINEER OF BRIDGES AND STRUCTURES

TOP OF SLAB ELEVATIONS
 F.A.U. ROUTE 9251 - SECTION 28-3BR-1
 ST. CLAIR COUNTY
 STATION 246+33.80
 STRUCTURE NO. 082-0398