

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET
F.A.P. 303	130 BR-4	BOONE		41
FED. ROAD DIST. NO. 7	ILLINOIS	FED. AID PROJECT-		

Contract #64800

SHEET NO. 4
18 SHEETS

BEAM 2

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection
Bk. of W. Abut.	43924.92	-11.13	862.29	862.29
⊕ Brg. W. Abut.	43926.19	-11.13	862.29	862.29
A	43936.19	-11.13	862.34	862.36
B	43946.19	-11.13	862.37	862.41
C	43956.19	-11.13	862.40	862.45
D	43966.19	-11.13	862.43	862.47
E	43976.19	-11.13	862.44	862.47
⊕ Brg. W. Pier	43989.21	-11.13	862.46	862.46
⊕ Pier	43989.96	-11.13	862.46	862.46
⊕ Brg. E. Pier	43990.71	-11.13	862.46	862.46
F	44000.71	-11.13	862.46	862.48
G	44010.71	-11.13	862.46	862.50
H	44020.71	-11.13	862.45	862.50
I	44030.71	-11.13	862.43	862.47
J	44040.71	-11.13	862.41	862.44
⊕ Brg. E. Abut.	44053.73	-11.13	862.37	862.37
Bk. of E. Abut.	44055.00	-11.13	862.36	862.36

BEAM 3

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection
Bk. of W. Abut.	43923.61	-3.71	862.40	862.40
⊕ Brg. W. Abut.	43924.88	-3.71	862.40	862.40
A	43934.88	-3.71	862.45	862.47
B	43944.88	-3.71	862.48	862.52
C	43954.88	-3.71	862.51	862.56
D	43964.88	-3.71	862.54	862.58
E	43974.88	-3.71	862.56	862.59
⊕ Brg. W. Pier	43987.90	-3.71	862.57	862.57
⊕ Pier	43988.65	-3.71	862.57	862.57
⊕ Brg. E. Pier	43989.40	-3.71	862.57	862.57
F	43999.40	-3.71	862.58	862.60
G	44009.40	-3.71	862.57	862.61
H	44019.40	-3.71	862.56	862.61
I	44029.40	-3.71	862.55	862.59
J	44039.40	-3.71	862.53	862.55
⊕ Brg. E. Abut.	44052.42	-3.71	862.49	862.49
Bk. of E. Abut.	44053.69	-3.71	862.48	862.48

⊕ RDWY. & P.G.

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection
Bk. of W. Abut.	43922.96	0.00	862.45	862.45
⊕ Brg. W. Abut.	43924.23	0.00	862.46	862.46
A	43934.23	0.00	862.50	862.52
B	43944.23	0.00	862.54	862.58
C	43954.23	0.00	862.57	862.62
D	43964.23	0.00	862.60	862.64
E	43974.23	0.00	862.61	862.64
⊕ Brg. W. Pier	43987.25	0.00	862.63	862.63
⊕ Pier	43988.00	0.00	862.63	862.63
⊕ Brg. E. Pier	43988.75	0.00	862.63	862.63
F	43998.75	0.00	862.63	862.66
G	44008.75	0.00	862.63	862.67
H	44018.75	0.00	862.62	862.67
I	44028.75	0.00	862.61	862.65
J	44038.75	0.00	862.59	862.61
⊕ Brg. E. Abut.	44051.77	0.00	862.55	862.55
Bk. of E. Abut.	44053.04	0.00	862.54	862.54

BEAM 4

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection
Bk. of W. Abut.	43922.30	3.71	862.39	862.39
⊕ Brg. W. Abut.	43923.57	3.71	862.40	862.40
A	43933.57	3.71	862.44	862.46
B	43943.57	3.71	862.48	862.52
C	43953.57	3.71	862.51	862.56
D	43963.57	3.71	862.54	862.58
E	43973.57	3.71	862.56	862.58
⊕ Brg. W. Pier	43986.59	3.71	862.57	862.57
⊕ Pier	43987.34	3.71	862.57	862.57
⊕ Brg. E. Pier	43988.09	3.71	862.57	862.57
F	43998.09	3.71	862.58	862.60
G	44008.09	3.71	862.57	862.61
H	44018.09	3.71	862.57	862.61
I	44028.09	3.71	862.55	862.59
J	44038.09	3.71	862.53	862.56
⊕ Brg. E. Abut.	44051.12	3.71	862.49	862.49
Bk. of E. Abut.	44052.38	3.71	862.49	862.49

BEAM 5

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection
Bk. of W. Abut.	43921.00	11.13	862.27	862.27
⊕ Brg. W. Abut.	43922.27	11.13	862.27	862.27
A	43932.27	11.13	862.32	862.34
B	43942.27	11.13	862.36	862.40
C	43952.27	11.13	862.39	862.44
D	43962.27	11.13	862.42	862.46
E	43972.27	11.13	862.44	862.47
⊕ Brg. W. Pier	43985.29	11.13	862.45	862.45
⊕ Pier	43986.04	11.13	862.46	862.46
⊕ Brg. E. Pier	43986.79	11.13	862.46	862.46
F	43996.79	11.13	862.46	862.48
G	44006.79	11.13	862.46	862.50
H	44016.79	11.13	862.45	862.50
I	44026.79	11.13	862.44	862.48
J	44036.79	11.13	862.42	862.44
⊕ Brg. E. Abut.	44049.81	11.13	862.38	862.38
Bk. of E. Abut.	44051.08	11.13	862.38	862.38

BEAM 6

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection
Bk. of W. Abut.	43919.69	18.54	862.11	862.11
⊕ Brg. W. Abut.	43920.96	18.54	862.12	862.12
A	43930.96	18.54	862.16	862.19
B	43940.96	18.54	862.20	862.24
C	43950.96	18.54	862.24	862.29
D	43960.96	18.54	862.26	862.31
E	43970.96	18.54	862.29	862.31
⊕ Brg. W. Pier	43983.98	18.54	862.30	862.30
⊕ Pier	43984.73	18.54	862.30	862.30
⊕ Brg. E. Pier	43985.48	18.54	862.30	862.30
F	43995.48	18.54	862.31	862.33
G	44005.48	18.54	862.31	862.35
H	44015.48	18.54	862.30	862.35
I	44025.48	18.54	862.29	862.33
J	44035.48	18.54	862.27	862.30
⊕ Brg. E. Abut.	44048.50	18.54	862.23	862.23
Bk. of E. Abut.	44049.77	18.54	862.23	862.23

DESIGNED	Fesseha Teklehaimanot
CHECKED	Stephen Ryan
DRAWN	R. Sommer
CHECKED	FT/SMR

EXAMINED	March 9, 2007 Thomas J. Demagala ENGINEER
PASSED	Ralph E. Anderson ENGINEER OF BRIDGES AND STRUCTURES

TOP OF SLAB ELEVATIONS
F.A.P. ROUTE 303 - SECTION 130BR-4
BOONE COUNTY
STATION 439+88.00
STRUCTURE NO. 004-0020