

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
F.A.P. 313	(21-HB-1)I	KNOX	55	28
FED. ROAD DIST. NO. 7	ILLINOIS	FED. AID PROJECT	35 SHEETS	

Contract #68216

BEAM 14

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection
Bk. W. Abut.	494+57.73	10.67	805.64	805.64
⊕ Brg. W. Abut.	494+59.98	10.67	805.66	805.66
C	494+69.98	10.67	805.71	805.72
D	494+79.98	10.67	805.76	805.76
E	494+89.98	10.67	805.81	805.81
⊕ Brg. Pier 3	495+04.48	10.67	805.86	805.86
F	495+14.48	10.67	805.90	805.91
G	495+24.48	10.67	805.93	805.96
H	495+34.48	10.67	805.96	806.00
I	495+44.48	10.67	805.98	806.02
J	495+54.48	10.67	806.00	806.03
K	495+64.48	10.67	806.02	806.03
⊕ Brg. Pier 2	495+76.48	10.67	806.03	806.03
L	495+86.48	10.67	806.04	806.05
M	495+96.48	10.67	806.04	806.07
N	496+06.48	10.67	806.04	806.08
O	496+16.48	10.67	806.03	806.08
P	496+26.48	10.67	806.03	806.06
Q	496+36.48	10.67	806.01	806.03
⊕ Brg. Pier 1	496+50.23	10.67	805.99	805.99
R	496+60.23	10.67	805.97	805.96
S	496+70.23	10.67	805.94	805.94
T	496+80.23	10.67	805.91	805.91
⊕ Brg. E. Abut.	496+94.48	10.67	805.86	805.86
Bk. E. Abut.	496+96.73	10.67	805.85	805.85

BEAM 15

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection
Bk. W. Abut.	494+56.34	13.33	805.59	805.59
⊕ Brg. W. Abut.	494+58.59	13.33	805.60	805.61
C	494+68.59	13.33	805.65	805.66
D	494+78.59	13.33	805.70	805.71
E	494+88.59	13.33	805.75	805.75
⊕ Brg. Pier 3	495+03.09	13.33	805.81	805.81
F	495+13.09	13.33	805.85	805.86
G	495+23.09	13.33	805.88	805.91
H	495+33.09	13.33	805.91	805.94
I	495+43.09	13.33	805.93	805.97
J	495+53.09	13.33	805.95	805.98
K	495+63.09	13.33	805.97	805.98
⊕ Brg. Pier 2	495+75.09	13.33	805.98	805.98
L	495+85.09	13.33	805.99	806.00
M	495+95.09	13.33	805.99	806.02
N	496+05.09	13.33	805.99	806.03
O	496+15.09	13.33	805.99	806.03
P	496+25.09	13.33	805.98	806.02
Q	496+35.09	13.33	805.97	805.99
⊕ Brg. Pier 1	496+48.84	13.33	805.94	805.94
R	496+58.84	13.33	805.92	805.92
S	496+68.84	13.33	805.89	805.90
T	496+78.84	13.33	805.86	805.87
⊕ Brg. E. Abut.	496+93.09	13.33	805.81	805.81
Bk. E. Abut.	496+95.34	13.33	805.81	805.81

BEAM 16

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection
Bk. W. Abut.	494+53.08	19.58	805.44	805.44
⊕ Brg. W. Abut.	494+55.33	19.58	805.45	805.46
C	494+65.33	19.58	805.51	805.51
D	494+75.33	19.58	805.56	805.56
E	494+85.33	19.58	805.61	805.61
⊕ Brg. Pier 3	494+99.83	19.58	805.67	805.67
F	495+09.83	19.58	805.70	805.72
G	495+19.83	19.58	805.74	805.77
H	495+29.83	19.58	805.77	805.81
I	495+39.83	19.58	805.79	805.83
J	495+49.83	19.58	805.81	805.84
K	495+59.83	19.58	805.83	805.84
⊕ Brg. Pier 2	495+71.83	19.58	805.85	805.85
L	495+81.83	19.58	805.86	805.87
M	495+91.83	19.58	805.86	805.89
N	496+01.83	19.58	805.86	805.90
O	496+11.83	19.58	805.86	805.90
P	496+21.83	19.58	805.85	805.89
Q	496+31.83	19.58	805.84	805.86
⊕ Brg. Pier 1	496+45.58	19.58	805.82	805.82
R	496+55.58	19.58	805.80	805.80
S	496+65.58	19.58	805.77	805.78
T	496+75.58	19.58	805.74	805.75
⊕ Brg. E. Abut.	496+89.83	19.58	805.70	805.70
Bk. E. Abut.	496+92.08	19.58	805.69	805.69

DESIGNED FT
CHECKED DPN
DRAWN Gregory D. Farmer
CHECKED FT/DPN

April 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.P. ROUTE 313- SECTION (21-HB-1)I
KNOX COUNTY
STA. 495+98.72
STRUCTURE NO. 048-0021
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