

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	SHEET NO. 10 35 SHEETS
F.A.P. 313	(21-HB-1)I	KNOX	55	27	
FED. ROAD DIST. NO. 7	ILLINOIS	FED. AID PROJECT			

Contract #68216

BEAM 12

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection
Bk. W. Abut.	494+64.68	-2.67	805.81	805.81
⊕ Brg. W. Abut.	494+66.93	-2.67	805.82	805.82
C	494+76.93	-2.67	805.87	805.88
D	494+86.93	-2.67	805.92	805.92
E	494+96.93	-2.67	805.96	805.96
⊕ Brg. Pier 3	495+11.43	-2.67	806.01	806.01
F	495+21.43	-2.67	806.05	806.06
G	495+31.43	-2.67	806.08	806.10
H	495+41.43	-2.67	806.10	806.14
I	495+51.43	-2.67	806.12	806.16
J	495+61.43	-2.67	806.14	806.16
K	495+71.43	-2.67	806.15	806.16
⊕ Brg. Pier 2	495+83.43	-2.67	806.16	806.16
L	495+93.43	-2.67	806.17	806.17
M	496+03.43	-2.67	806.17	806.19
N	496+13.43	-2.67	806.16	806.20
O	496+23.43	-2.67	806.15	806.20
P	496+33.43	-2.67	806.14	806.18
Q	496+43.43	-2.67	806.13	806.15
⊕ Brg. Pier 1	496+57.18	-2.67	806.10	806.10
R	496+67.18	-2.67	806.07	806.07
S	496+77.18	-2.67	806.04	806.05
T	496+87.18	-2.67	806.01	806.01
⊕ Brg. E. Abut.	497+01.43	-2.67	805.96	805.96
Bk. E. Abut.	497+03.68	-2.67	805.95	805.95

⊕ E.B. RDWY., P.G., & STAGE CONSTRUCTION JOINT

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection
Bk. W. Abut.	494+63.29	0.00	805.84	805.84
⊕ Brg. W. Abut.	494+65.54	0.00	805.85	805.86
C	494+75.54	0.00	805.91	805.91
D	494+85.54	0.00	805.95	805.95
E	494+95.54	0.00	806.00	806.00
⊕ Brg. Pier 3	495+10.04	0.00	806.05	806.05
F	495+20.04	0.00	806.08	806.10
G	495+30.04	0.00	806.11	806.14
H	495+40.04	0.00	806.14	806.18
I	495+50.04	0.00	806.16	806.20
J	495+60.04	0.00	806.18	806.20
K	495+70.04	0.00	806.19	806.20
⊕ Brg. Pier 2	495+82.04	0.00	806.20	806.20
L	495+92.04	0.00	806.21	806.22
M	496+02.04	0.00	806.21	806.23
N	496+12.04	0.00	806.20	806.25
O	496+22.04	0.00	806.20	806.24
P	496+32.04	0.00	806.19	806.22
Q	496+42.04	0.00	806.17	806.19
⊕ Brg. Pier 1	496+55.79	0.00	806.14	806.14
R	496+65.79	0.00	806.12	806.12
S	496+75.79	0.00	806.09	806.09
T	496+85.79	0.00	806.06	806.06
⊕ Brg. E. Abut.	497+00.04	0.00	806.00	806.00
Bk. E. Abut.	497+02.29	0.00	805.99	805.99

BEAM 13

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection
Bk. W. Abut.	494+61.20	4.00	805.77	805.77
⊕ Brg. W. Abut.	494+63.45	4.00	805.78	805.79
C	494+73.45	4.00	805.83	805.84
D	494+83.45	4.00	805.88	805.88
E	494+93.45	4.00	805.92	805.92
⊕ Brg. Pier 3	495+07.95	4.00	805.98	805.98
F	495+17.95	4.00	806.02	806.03
G	495+27.95	4.00	806.05	806.07
H	495+37.95	4.00	806.07	806.11
I	495+47.95	4.00	806.09	806.13
J	495+57.95	4.00	806.11	806.14
K	495+67.95	4.00	806.13	806.14
⊕ Brg. Pier 2	495+79.95	4.00	806.14	806.14
L	495+89.95	4.00	806.14	806.15
M	495+99.95	4.00	806.15	806.17
N	496+09.95	4.00	806.14	806.18
O	496+19.95	4.00	806.14	806.18
P	496+29.95	4.00	806.13	806.16
Q	496+39.95	4.00	806.11	806.13
⊕ Brg. Pier 1	496+53.70	4.00	806.08	806.08
R	496+63.70	4.00	806.06	806.06
S	496+73.70	4.00	806.03	806.04
T	496+83.70	4.00	806.00	806.01
⊕ Brg. E. Abut.	496+97.95	4.00	805.95	805.95
Bk. E. Abut.	497+00.20	4.00	805.94	805.94

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
STRUCTURE NO. 048-0022