

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

ROUTE NO.	SECTION	COUNTY	SHEETS	SHEET	SHEET NO.
F.A.P. 313	(21-HB-11)	KNOX	55	24	35 SHEETS
FED. ROAD DIST. NO. 7		ILLINOIS		FED. AID PROJECT	

Contract #68216

**BEAM 4**

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection
Bk. W. Abut.	495+02.10	-13.33	805.81	805.81
⊕ Brg. W. Abut.	495+04.35	-13.33	805.81	805.81
C	495+14.35	-13.33	805.85	805.85
D	495+24.35	-13.33	805.88	805.89
E	495+34.35	-13.33	805.91	805.91
⊕ Brg. Pier 1	495+48.60	-13.33	805.94	805.94
F	495+58.60	-13.33	805.96	805.97
G	495+68.60	-13.33	805.97	806.01
H	495+78.60	-13.33	805.98	806.03
I	495+88.60	-13.33	805.99	806.03
J	495+98.60	-13.33	805.99	806.02
K	496+08.60	-13.33	805.99	806.01
⊕ Brg. Pier 2	496+22.35	-13.33	805.98	805.98
L	496+32.35	-13.33	805.97	805.98
M	496+42.35	-13.33	805.95	805.98
N	496+52.35	-13.33	805.93	805.97
O	496+62.35	-13.33	805.91	805.95
P	496+72.35	-13.33	805.88	805.92
Q	496+82.35	-13.33	805.85	805.87
⊕ Brg. Pier 3	496+94.35	-13.33	805.81	805.81
R	497+04.35	-13.33	805.77	805.77
S	497+14.35	-13.33	805.73	805.73
T	497+24.35	-13.33	805.68	805.68
⊕ Brg. E. Abut.	497+38.85	-13.33	805.60	805.60
Bk. E. Abut.	497+41.10	-13.33	805.59	805.59

**BEAM 5**

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection
Bk. W. Abut.	495+00.71	-10.67	805.85	805.85
⊕ Brg. W. Abut.	495+02.96	-10.67	805.86	805.86
C	495+12.96	-10.67	805.89	805.90
D	495+22.96	-10.67	805.93	805.93
E	495+32.96	-10.67	805.95	805.95
⊕ Brg. Pier 1	495+47.21	-10.67	805.99	805.99
F	495+57.21	-10.67	806.01	806.02
G	495+67.21	-10.67	806.02	806.05
H	495+77.21	-10.67	806.03	806.08
I	495+87.21	-10.67	806.04	806.08
J	495+97.21	-10.67	806.04	806.07
K	496+07.21	-10.67	806.04	806.05
⊕ Brg. Pier 2	496+20.96	-10.67	806.03	806.03
L	496+30.96	-10.67	806.02	806.03
M	496+40.96	-10.67	806.01	806.03
N	496+50.96	-10.67	805.99	806.02
O	496+60.96	-10.67	805.96	806.00
P	496+70.96	-10.67	805.94	805.97
Q	496+80.96	-10.67	805.91	805.92
⊕ Brg. Pier 3	496+92.96	-10.67	805.86	805.86
R	497+02.96	-10.67	805.82	805.82
S	497+12.96	-10.67	805.78	805.78
T	497+22.96	-10.67	805.73	805.74
⊕ Brg. E. Abut.	497+37.46	-10.67	805.66	805.66
Bk. E. Abut.	497+39.71	-10.67	805.64	805.64

**BEAM 6**

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection
Bk. W. Abut.	494+97.24	-4.00	805.94	805.94
⊕ Brg. W. Abut.	494+99.49	-4.00	805.95	805.95
C	495+09.49	-4.00	805.99	805.99
D	495+19.49	-4.00	806.02	806.02
E	495+29.49	-4.00	806.05	806.05
⊕ Brg. Pier 1	495+43.74	-4.00	806.08	806.08
F	495+53.74	-4.00	806.10	806.12
G	495+63.74	-4.00	806.12	806.15
H	495+73.74	-4.00	806.13	806.18
I	495+83.74	-4.00	806.14	806.18
J	495+93.74	-4.00	806.14	806.18
K	496+03.74	-4.00	806.14	806.16
⊕ Brg. Pier 2	496+17.49	-4.00	806.14	806.14
L	496+27.49	-4.00	806.13	806.14
M	496+37.49	-4.00	806.12	806.14
N	496+47.49	-4.00	806.10	806.13
O	496+57.49	-4.00	806.08	806.11
P	496+67.49	-4.00	806.05	806.08
Q	496+77.49	-4.00	806.02	806.04
⊕ Brg. Pier 3	496+89.49	-4.00	805.98	805.98
R	496+99.49	-4.00	805.94	805.94
S	497+09.49	-4.00	805.90	805.90
T	497+19.49	-4.00	805.85	805.86
⊕ Brg. E. Abut.	497+33.99	-4.00	805.78	805.78
Bk. E. Abut.	497+36.24	-4.00	805.77	805.77

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

April 28 2008  
 EXAMINED *Thomas J. Demagala*  
 PRINCIPAL 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-11)**  
**KNOX COUNTY**  
**STA. 495+98.72**  
**STRUCTURE NO. 048-0021**  
**STRUCTURE NO. 048-0022**