

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

ROUTE NO.	SECTION	COUNTY	JOIN SHEETS	SHEET NO.	SHEET NO. 9 35 SHEETS
F.A.P. 313	(21-HB-11)	KNOX	55	26	
FED. ROAD DIST. NO. 7	ILLINOIS	FED. AID PROJECT			

Contract #68216

**BEAM 9**

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection
Bk. W. Abut.	494+86.81	16.00	805.69	805.69
⊕ Brg. W. Abut.	494+89.06	16.00	805.70	805.70
C	494+99.06	16.00	805.74	805.74
D	495+09.06	16.00	805.78	805.78
E	495+19.06	16.00	805.81	805.81
⊕ Brg. Pier 1	495+33.31	16.00	805.85	805.85
F	495+43.31	16.00	805.88	805.89
G	495+53.31	16.00	805.90	805.93
H	495+63.31	16.00	805.91	805.96
I	495+73.31	16.00	805.92	805.97
J	495+83.31	16.00	805.93	805.96
K	495+93.31	16.00	805.94	805.95
⊕ Brg. Pier 2	496+07.06	16.00	805.94	805.94
L	496+17.06	16.00	805.93	805.94
M	496+27.06	16.00	805.92	805.94
N	496+37.06	16.00	805.91	805.94
O	496+47.06	16.00	805.89	805.93
P	496+57.06	16.00	805.87	805.90
Q	496+67.06	16.00	805.84	805.86
⊕ Brg. Pier 3	496+79.06	16.00	805.81	805.81
R	496+89.06	16.00	805.77	805.77
S	496+99.06	16.00	805.74	805.74
T	497+09.06	16.00	805.69	805.70
⊕ Brg. E. Abut.	497+23.56	16.00	805.63	805.63
Bk. E. Abut.	497+25.81	16.00	805.61	805.61

**BEAM 10**

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection
Bk. W. Abut.	494+71.63	-16.00	805.62	805.62
⊕ Brg. W. Abut.	494+73.88	-16.00	805.63	805.63
C	494+83.88	-16.00	805.67	805.68
D	494+93.88	-16.00	805.72	805.72
E	495+03.88	-16.00	805.76	805.76
⊕ Brg. Pier 3	495+18.38	-16.00	805.81	805.81
F	495+28.38	-16.00	805.84	805.85
G	495+38.38	-16.00	805.86	805.89
H	495+48.38	-16.00	805.89	805.92
I	495+58.38	-16.00	805.90	805.94
J	495+68.38	-16.00	805.92	805.94
K	495+78.38	-16.00	805.93	805.94
⊕ Brg. Pier 2	495+90.38	-16.00	805.94	805.94
L	496+00.38	-16.00	805.94	805.95
M	496+10.38	-16.00	805.93	805.96
N	496+20.38	-16.00	805.93	805.97
O	496+30.38	-16.00	805.92	805.96
P	496+40.38	-16.00	805.90	805.94
Q	496+50.38	-16.00	805.88	805.91
⊕ Brg. Pier 1	496+64.13	-16.00	805.85	805.85
R	496+74.13	-16.00	805.82	805.82
S	496+84.13	-16.00	805.79	805.79
T	496+94.13	-16.00	805.76	805.76
⊕ Brg. E. Abut.	497+08.38	-16.00	805.70	805.70
Bk. E. Abut.	497+10.63	-16.00	805.69	805.69

**BEAM 11**

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection
Bk. W. Abut.	494+68.16	-9.33	805.72	805.72
⊕ Brg. W. Abut.	494+70.41	-9.33	805.73	805.74
C	494+80.41	-9.33	805.78	805.79
D	494+90.41	-9.33	805.83	805.83
E	495+00.41	-9.33	805.87	805.87
⊕ Brg. Pier 3	495+14.91	-9.33	805.92	805.92
F	495+24.91	-9.33	805.95	805.97
G	495+34.91	-9.33	805.98	806.01
H	495+44.91	-9.33	806.00	806.04
I	495+54.91	-9.33	806.02	806.06
J	495+64.91	-9.33	806.04	806.06
K	495+74.91	-9.33	806.05	806.06
⊕ Brg. Pier 2	495+86.91	-9.33	806.06	806.06
L	495+96.91	-9.33	806.06	806.07
M	496+06.91	-9.33	806.06	806.09
N	496+16.91	-9.33	806.06	806.10
O	496+26.91	-9.33	806.05	806.09
P	496+36.91	-9.33	806.03	806.07
Q	496+46.91	-9.33	806.02	806.04
⊕ Brg. Pier 1	496+60.66	-9.33	805.99	805.99
R	496+70.66	-9.33	805.96	805.96
S	496+80.66	-9.33	805.93	805.93
T	496+90.66	-9.33	805.89	805.90
⊕ Brg. E. Abut.	497+04.91	-9.33	805.84	805.84
Bk. E. Abut.	497+07.16	-9.33	805.83	805.83

DESIGNED FT	April 28 2008
CHECKED DPN	EXAMINED <i>Thomas J. Demagalki</i>
DRAWN Gregory D. Farmer	PASSED <i>Ralph E. Anderson</i>
CHECKED FT/DPN	

**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**