

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
F.A.I. 74	(48-26HB-4)I	KNOX	54	29
FED. ROAD DIST. NO.		ILLINOIS	PROJECT	

CONTRACT 88919

BEAM 1

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection
BK. OF W. ABUT	626 + 41.35	-29.75	826.63	826.63
CL BRG W. ABUT	626 + 43.14	-29.78	826.64	826.64
A	626 + 53.14	-29.92	826.69	826.69
B	626 + 63.14	-30.07	826.73	826.73
C	626 + 73.14	-30.22	826.77	826.76
CL PIER 1	626 + 87.41	-30.42	826.82	826.82
D	626 + 97.41	-30.57	826.85	826.87
E	627 + 07.41	-30.72	826.87	826.93
F	627 + 17.41	-30.86	826.89	826.98
G	627 + 27.41	-31.01	826.91	827.01
H	627 + 37.41	-31.16	826.92	827.01
I	627 + 47.41	-31.30	826.93	827.00
J	627 + 57.41	-31.45	826.94	826.97
K	627 + 67.41	-31.60	826.94	826.95
CL PIER 2	627 + 74.12	-31.69	826.94	826.94
L	627 + 84.12	-31.84	826.93	826.94
M	627 + 94.12	-31.99	826.92	826.96
N	628 + 04.12	-32.13	826.91	826.98
O	628 + 14.12	-32.28	826.89	826.97
P	628 + 24.12	-32.43	826.87	826.95
Q	628 + 34.12	-32.57	826.84	826.91
R	628 + 44.12	-32.72	826.81	826.85
S	628 + 54.12	-32.86	826.78	826.79
CL PIER 3	628 + 59.41	-32.94	826.76	826.76
T	628 + 69.41	-33.09	826.72	826.71
U	628 + 79.41	-33.23	826.68	826.67
V	628 + 89.41	-33.38	826.63	826.63
CL BRG E. ABUT	629 + 03.68	-33.59	826.56	826.56
BK. OF E. ABUT	629 + 05.47	-33.62	826.55	826.55

BEAM 2

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection
BK. OF W. ABUT	626 + 41.24	-26.67	826.70	826.70
CL BRG W. ABUT	626 + 43.03	-26.67	826.71	826.71
A	626 + 53.03	-26.67	826.76	826.76
B	626 + 63.03	-26.67	826.80	826.80
C	626 + 73.03	-26.67	826.84	826.84
CL PIER 1	626 + 87.28	-26.67	826.90	826.90
D	626 + 97.28	-26.67	826.93	826.96
E	627 + 07.28	-26.67	826.96	827.02
F	627 + 17.28	-26.67	826.98	827.07
G	627 + 27.28	-26.67	827.00	827.10
H	627 + 37.28	-26.67	827.02	827.11
I	627 + 47.28	-26.67	827.03	827.10
J	627 + 57.28	-26.67	827.04	827.07
K	627 + 67.28	-26.67	827.04	827.05
CL PIER 2	627 + 73.95	-26.67	827.04	827.04
L	627 + 83.95	-26.67	827.04	827.05
M	627 + 93.95	-26.67	827.03	827.07
N	628 + 03.95	-26.67	827.02	827.09
O	628 + 13.95	-26.67	827.01	827.09
P	628 + 23.95	-26.67	826.99	827.07
Q	628 + 33.95	-26.67	826.97	827.04
R	628 + 43.95	-26.67	826.94	826.98
S	628 + 53.95	-26.67	826.91	826.92
CL PIER 3	628 + 59.20	-26.67	826.89	826.89
T	628 + 69.20	-26.67	826.86	826.85
U	628 + 79.20	-26.67	826.82	826.81
V	628 + 89.20	-26.67	826.77	826.77
CL BRG E. ABUT	629 + 03.45	-26.67	826.70	826.70
BK. OF E. ABUT	629 + 05.24	-26.67	826.69	826.69

BEAM 3

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection
BK. OF W. ABUT	626 + 41.00	-19.83	826.84	826.84
CL BRG W. ABUT	626 + 42.79	-19.83	826.85	826.85
A	626 + 52.79	-19.83	826.90	826.90
B	626 + 62.79	-19.83	826.94	826.94
C	626 + 72.79	-19.83	826.99	826.98
CL PIER 1	626 + 87.04	-19.83	827.04	827.04
D	626 + 97.04	-19.83	827.07	827.10
E	627 + 07.04	-19.83	827.10	827.16
F	627 + 17.04	-19.83	827.12	827.21
G	627 + 27.04	-19.83	827.14	827.24
H	627 + 37.04	-19.83	827.16	827.25
I	627 + 47.04	-19.83	827.17	827.24
J	627 + 57.04	-19.83	827.18	827.22
K	627 + 67.04	-19.83	827.18	827.19
CL PIER 2	627 + 73.71	-19.83	827.18	827.18
L	627 + 83.71	-19.83	827.18	827.20
M	627 + 93.71	-19.83	827.18	827.22
N	628 + 03.71	-19.83	827.16	827.23
O	628 + 13.71	-19.83	827.15	827.23
P	628 + 23.71	-19.83	827.13	827.22
Q	628 + 33.71	-19.83	827.11	827.18
R	628 + 43.71	-19.83	827.08	827.12
S	628 + 53.71	-19.83	827.05	827.07
CL PIER 3	628 + 58.96	-19.83	827.04	827.04
T	628 + 68.96	-19.83	827.00	826.99
U	628 + 78.96	-19.83	826.96	826.96
V	628 + 88.96	-19.83	826.91	826.91
CL BRG E. ABUT	629 + 03.21	-19.83	826.84	826.84
BK. OF E. ABUT	629 + 05.01	-19.83	826.84	826.84

BEAM 4

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection
BK. OF W. ABUT	626 + 40.76	-13.00	826.98	826.98
CL BRG W. ABUT	626 + 42.55	-13.00	826.99	826.99
A	626 + 52.55	-13.00	827.04	827.04
B	626 + 62.55	-13.00	827.09	827.08
C	626 + 72.55	-13.00	827.13	827.12
CL PIER 1	626 + 86.80	-13.00	827.18	827.18
D	626 + 96.80	-13.00	827.21	827.24
E	627 + 06.80	-13.00	827.24	827.30
F	627 + 16.80	-13.00	827.26	827.35
G	627 + 26.80	-13.00	827.28	827.38
H	627 + 36.80	-13.00	827.30	827.39
I	627 + 46.80	-13.00	827.31	827.38
J	627 + 56.80	-13.00	827.32	827.36
K	627 + 66.80	-13.00	827.33	827.34
CL PIER 2	627 + 73.47	-13.00	827.33	827.33
L	627 + 83.47	-13.00	827.32	827.34
M	627 + 93.47	-13.00	827.32	827.36
N	628 + 03.47	-13.00	827.31	827.38
O	628 + 13.47	-13.00	827.29	827.38
P	628 + 23.47	-13.00	827.27	827.36
Q	628 + 33.47	-13.00	827.25	827.32
R	628 + 43.47	-13.00	827.23	827.27
S	628 + 53.47	-13.00	827.20	827.21
CL PIER 3	628 + 58.72	-13.00	827.18	827.18
T	628 + 68.72	-13.00	827.14	827.14
U	628 + 78.72	-13.00	827.10	827.10
V	628 + 88.72	-13.00	827.06	827.06
CL BRG E. ABUT	629 + 02.97	-13.00	826.99	826.99
BK. OF E. ABUT	629 + 04.77	-13.00	826.98	826.98

TOP OF SLAB ELEVATIONS - W.B. STRUCTURE

Date	Designed ACW	U.S. ROUTE 34 OVER F.A.I. ROUTE 74 F.A.I. RTE. 74 SECTION (48-26HB-4)I KNOX COUNTY STA. 212+20.71 STRUCTURES NO. 048-0019 (WB) & 048-0020 (EB)	Sheet No.
Revisions	Drawn SRS		5
	Checked KWB		of 30
	Approved KWB		
Prepared by: WVP CORPORATION A Division of URS Greiner Woodward Clyde			Engineers - Architects - Planners Decatur, Illinois - St. Louis, Missouri