

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
F.A.I. 74	90-11VB/BR	TAZEWELL	1366	396
FED. ROAD DIST. NO. 7	ILLINOIS	FED. AID PROJECT-		

PROFILE GRADE I-74 WB

BEAM 11

BEAM 12

Location	Station	Offset (m)	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection
Bk. of W. Abut.	152+656.108	0.000	148.616	148.616
☉ Brg. W. Abut.	152+656.488	0.000	148.620	148.620
A	152+659.488	0.000	148.653	148.655
B	152+662.488	0.000	148.685	148.689
C	152+665.488	0.000	148.715	148.719
D	152+668.488	0.000	148.745	148.747
☉ Brg. Pier 1	152+671.883	0.000	148.778	148.778
☉ Pier 1	152+672.108	0.000	148.780	148.780
☉ Brg. Pier 1	152+672.333	0.000	148.782	148.782
E	152+675.333	0.000	148.810	148.820
F	152+678.333	0.000	148.836	148.855
G	152+681.333	0.000	148.862	148.887
H	152+684.333	0.000	148.887	148.914
I	152+687.333	0.000	148.911	148.937
J	152+690.333	0.000	148.934	148.956
K	152+693.333	0.000	148.956	148.970
☉ Brg. Pier 2	152+697.563	0.000	148.985	148.985
☉ Pier 2	152+697.788	0.000	148.987	148.987
☉ Brg. Pier 2	152+698.013	0.000	148.988	148.988
L	152+701.013	0.000	149.007	149.010
M	152+704.013	0.000	149.026	149.030
N	152+707.013	0.000	149.044	149.049
O	152+710.013	0.000	149.060	149.063
☉ Brg. E. Abut.	152+714.218	0.000	149.082	149.082
Bk. of E. Abut.	152+714.598	0.000	149.084	149.084

Location	Station	Offset (m)	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection
Bk. of W. Abut.	152+656.108	0.285	148.610	148.610
☉ Brg. W. Abut.	152+656.488	0.285	148.614	148.614
A	152+659.488	0.285	148.647	148.649
B	152+662.488	0.285	148.679	148.683
C	152+665.488	0.285	148.710	148.714
D	152+668.488	0.285	148.740	148.742
☉ Brg. Pier 1	152+671.883	0.285	148.772	148.772
☉ Pier 1	152+672.108	0.285	148.774	148.774
☉ Brg. Pier 1	152+672.333	0.285	148.776	148.776
E	152+675.333	0.285	148.804	148.814
F	152+678.333	0.285	148.831	148.850
G	152+681.333	0.285	148.857	148.882
H	152+684.333	0.285	148.881	148.908
I	152+687.333	0.285	148.905	148.931
J	152+690.333	0.285	148.928	148.950
K	152+693.333	0.285	148.950	148.964
☉ Brg. Pier 2	152+697.563	0.285	148.979	148.979
☉ Pier 2	152+697.788	0.285	148.981	148.981
☉ Brg. Pier 2	152+698.013	0.285	148.982	148.982
L	152+701.013	0.285	149.002	149.005
M	152+704.013	0.285	149.020	149.024
N	152+707.013	0.285	149.038	149.043
O	152+710.013	0.285	149.055	149.058
☉ Brg. E. Abut.	152+714.218	0.285	149.076	149.076
Bk. of E. Abut.	152+714.598	0.285	149.078	149.078

Location	Station	Offset (m)	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection
Bk. of W. Abut.	152+656.108	2.510	148.566	148.566
☉ Brg. W. Abut.	152+656.488	2.510	148.570	148.570
A	152+659.488	2.510	148.603	148.605
B	152+662.488	2.510	148.634	148.637
C	152+665.488	2.510	148.665	148.669
D	152+668.488	2.510	148.695	148.697
☉ Brg. Pier 1	152+671.883	2.510	148.728	148.728
☉ Pier 1	152+672.108	2.510	148.730	148.730
☉ Brg. Pier 1	152+672.333	2.510	148.732	148.732
E	152+675.333	2.510	148.760	148.770
F	152+678.333	2.510	148.786	148.804
G	152+681.333	2.510	148.812	148.836
H	152+684.333	2.510	148.837	148.864
I	152+687.333	2.510	148.861	148.887
J	152+690.333	2.510	148.884	148.905
K	152+693.333	2.510	148.905	148.919
☉ Brg. Pier 2	152+697.563	2.510	148.935	148.935
☉ Pier 2	152+697.788	2.510	148.936	148.936
☉ Brg. Pier 2	152+698.013	2.510	148.938	148.938
L	152+701.013	2.510	148.957	148.960
M	152+704.013	2.510	148.976	148.980
N	152+707.013	2.510	148.993	148.997
O	152+710.013	2.510	149.010	149.013
☉ Brg. E. Abut.	152+714.218	2.510	149.032	149.032
Bk. of E. Abut.	152+714.598	2.510	149.034	149.034

Note: All stations and elevations are in meters (m).
All stations and offsets are given with respect to Profile Grade I-74 WB.
Elevations are at Top of Concrete.
Work this sheet with sheets no. 5, 6 & 7 of 33.

TOP OF SLAB ELEVATIONS			
Date	Designed	JLK	INTERSTATE 74 AND RAMPS J-4 OVER ALTORFER LANE AND TP&W R.R. F.A.I. RTE. 74 SECTION (90-11VB)BR TAZEWELL COUNTY STATION 152+685.353 STRUCTURE NO. 090-0159 (WB)
Revisions	Drawn	KDK	
	Checked	RME	
	Approved	DLC	
Date: 7-21-04			Sheet No. 8 of 33
URS CORPORATION ST. LOUIS, MO			URS Job No. 2100001243.02