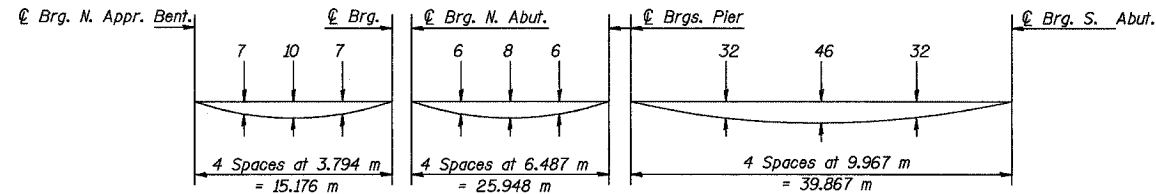


ROUTE NO.	SECT.	COUNTY	SHEET NO.	TOTAL SHEETS
F.A.I. 74	(72-7) R-3	PEORIA	503	1340
FED. ROAD DIST. NO. 7		ILLINOIS	FED. AID PROJECT	

CONTRACT NO. 68200

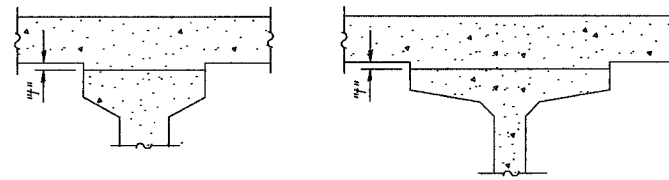


DEAD LOAD DEFLECTION DIAGRAM

(Includes weight of concrete, excluding beams).

Note: The above deflections are not to be used in the field if the engineer is working from the grade elevations adjusted for dead load deflections as shown below and on sheets 5 and 6.

To determine "t": After all precast prestressed beams have been erected, elevations of the top flanges of the beams shall be taken at intervals shown below and on sheets 5 and 6. These elevations subtracted from the "Theoretical Grade Elevations Adjusted for Dead Load Deflections" minus slab thickness, equals the fillet heights "t" above top flanges of beams.



FILLET HEIGHTS

RAMP B-3

Location	Station	Offset (m)	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection
Bk. N. Appr. Bent	10+435.556	14.085	200.801	200.801
☉ Brg. N. Appr. Bent	10+436.178	14.085	200.814	200.814
A	10+439.178	14.085	200.873	200.879
B	10+442.178	14.085	200.927	200.936
C	10+445.178	14.085	200.976	200.985
D	10+448.178	14.085	201.019	201.025
☉ Brg.	10+451.354	14.085	201.059	201.059
Bk. N. Abut.	10+451.764	14.085	201.064	201.064
☉ Brg. N. Abut.	10+452.556	14.085	201.073	201.073
E	10+455.556	14.085	201.103	201.106
F	10+458.556	14.085	201.128	201.133
G	10+461.556	14.085	201.147	201.154
H	10+464.556	14.085	201.161	201.169
I	10+467.556	14.085	201.170	201.177
J	10+470.556	14.085	201.173	201.179
K	10+473.556	14.085	201.170	201.175
L	10+476.556	14.085	201.163	201.165
☉ N. Brg. Pier	10+478.504	14.085	201.155	201.155
☉ Pier	10+478.729	14.085	201.154	201.154
☉ S. Brg. Pier	10+478.954	14.085	201.153	201.153
M	10+481.954	14.085	201.136	201.145
N	10+484.954	14.085	201.113	201.132
O	10+487.954	14.085	201.085	201.114
P	10+490.954	14.085	201.051	201.086
Q	10+493.954	14.085	201.013	201.052
R	10+496.954	14.085	200.968	201.012
S	10+499.954	14.085	200.919	200.963
T	10+502.954	14.085	200.864	200.904
U	10+505.954	14.085	200.803	200.840
V	10+508.954	14.085	200.738	200.769
W	10+511.954	14.085	200.667	200.689
X	10+514.954	14.085	200.590	200.602
☉ Brg. S. Abut.	10+518.821	14.085	200.484	200.484
Bk. S. Abut.	10+519.613	14.085	200.461	200.461

BEAM 1

Location	Station	Offset (m)	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection
Bk. N. Appr. Bent	10+435.426	13.955	200.800	200.800
☉ Brg. N. Appr. Bent	10+436.048	13.955	200.813	200.813
A	10+439.048	13.955	200.873	200.878
B	10+442.048	13.955	200.927	200.936
C	10+445.048	13.955	200.976	200.985
D	10+448.048	13.955	201.020	201.025
☉ Brg.	10+451.224	13.955	201.060	201.060
Bk. N. Abut.	10+451.634	13.955	201.065	201.065

BEAM 2

Location	Station	Offset (m)	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection
Bk. N. Appr. Bent	10+433.451	11.98	200.788	200.788
☉ Brg. N. Appr. Bent	10+434.073	11.98	200.801	200.801
A	10+437.073	11.98	200.864	200.869
B	10+440.073	11.98	200.922	200.930
C	10+443.073	11.98	200.974	200.983
D	10+446.073	11.98	201.021	201.027
☉ Brg.	10+449.249	11.98	201.065	201.065
Bk. N. Abut.	10+449.659	11.98	201.070	201.070

BEAM 3

Location	Station	Offset (m)	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection
Bk. N. Appr. Bent	10+431.476	10.005	200.776	200.776
☉ Brg. N. Appr. Bent	10+432.098	10.005	200.789	200.789
A	10+435.098	10.005	200.852	200.858
B	10+438.098	10.005	200.914	200.922
C	10+441.098	10.005	200.970	200.979
D	10+444.098	10.005	201.020	201.026
☉ Brg.	10+447.274	10.005	201.068	201.068
Bk. N. Abut.	10+447.684	10.005	201.074	201.074

BEAM 4

Location	Station	Offset (m)	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection
Bk. N. Appr. Bent	10+429.501	8.03	200.724	200.724
☉ Brg. N. Appr. Bent	10+430.123	8.03	200.737	200.737
A	10+433.123	8.03	200.800	200.805
B	10+436.123	8.03	200.863	200.872
C	10+439.123	8.03	200.923	200.931
D	10+442.123	8.03	200.977	200.983
☉ Brg.	10+445.299	8.03	201.028	201.028
Bk. N. Abut.	10+445.709	8.03	201.035	201.035

BEAM 5

Location	Station	Offset (m)	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection
Bk. N. Appr. Bent	10+427.526	6.055	200.686	200.686
☉ Brg. N. Appr. Bent	10+428.148	6.055	200.700	200.700
A	10+431.148	6.055	200.763	200.768
B	10+434.148	6.055	200.826	200.835
C	10+437.148	6.055	200.888	200.897
D	10+440.148	6.055	200.946	200.952
☉ Brg.	10+443.324	6.055	201.001	201.001
Bk. N. Abut.	10+443.734	6.055	201.007	201.007

BEAM 6

Location	Station	Offset (m)	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection
Bk. N. Appr. Bent	10+425.551	4.08	200.656	200.656
☉ Brg. N. Appr. Bent	10+426.173	4.08	200.669	200.669
A	10+429.173	4.08	200.732	200.738
B	10+432.173	4.08	200.795	200.804
C	10+435.173	4.08	200.859	200.867
D	10+438.173	4.08	200.919	200.925
☉ Brg.	10+441.349	4.08	200.978	200.978
Bk. N. Abut.	10+441.759	4.08	200.985	200.985

BEAM 7

Location	Station	Offset (m)	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection
Bk. N. Appr. Bent	10+423.576	2.105	200.584	200.584
☉ Brg. N. Appr. Bent	10+424.198	2.105	200.597	200.597
A	10+427.198	2.105	200.661	200.666
B	10+430.198	2.105	200.724	200.733
C	10+433.198	2.105	200.787	200.796
D	10+436.198	2.105	200.850	200.856
☉ Brg.	10+439.374	2.105	200.913	200.913
Bk. N. Abut.	10+439.784	2.105	200.920	200.920

Notes:

Work this sheet with sheet 3.
All elevations and offsets are in meters.
All elevations are at top of slab.
All stationing based on ☉ Ramp B-5.

REVISION	DATE	DESCRIPTION

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TOP OF SLAB ELEVATIONS I

RAMPS B-3 AND B-5 OVER WAR MEMORIAL DR. AND RAMP B-6
F.A.I. ROUTE 74 SECTION (72-7) R-3
PEORIA COUNTY STA. 10+618.61 (RAMP B-3)
STA. 10+472.60 (RAMP B-5)
STRUCTURE NUMBER 072-0190

PARSONS TRANSPORTATION GROUP
CHICAGO, ILLINOIS

DRAWING NO. 4	SCALE N.T.S.	DATE 2-21-03	SHEET NO. 4
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Time: 09:07:35 AM

Date: 11/22/2004

File name: P:\649996\structural\072-0190\sheet\Tracings\SH0002-1A072090.dgn

Designed by:	MBO
Checked by:	WEE
Drafted by:	FTE
Checked by:	WEE