

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

Left Edge

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection
Bk. S. Abut.	742+46.71	-19.417	725.070	725.070
CL S. Brg.	742+48.21	-19.417	725.044	725.044
A	742+58.21	-19.417	724.869	724.893
B	742+68.21	-19.417	724.694	724.743
C	742+78.21	-19.417	724.519	724.589
D	742+88.21	-19.417	724.344	724.423
E	742+98.21	-19.417	724.169	724.258
F	743+8.21	-19.417	723.994	724.083
G	743+18.21	-19.417	723.819	723.898
H	743+28.21	-19.417	723.644	723.714
I	743+38.21	-19.417	723.469	723.518
J	743+48.21	-19.417	723.294	723.319
CL N. Brg.	743+58.21	-19.417	723.123	723.123
Bk. N. Abut.	743+59.71	-19.417	723.098	723.098

Girder 1

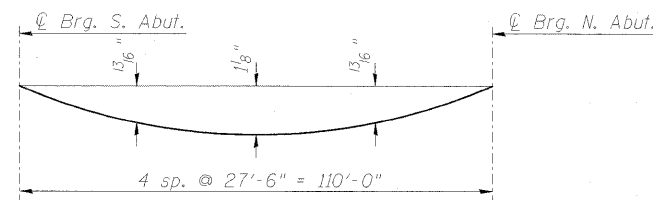
Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection
Bk. S. Abut.	742+46.71	-16.750	724.971	724.971
CL S. Brg.	742+48.21	-16.750	724.945	724.945
A	742+58.21	-16.750	724.770	724.795
B	742+68.21	-16.750	724.595	724.644
C	742+78.21	-16.750	724.420	724.490
D	742+88.21	-16.750	724.245	724.324
E	742+98.21	-16.750	724.070	724.159
F	743+8.21	-16.750	723.895	723.984
G	743+18.21	-16.750	723.720	723.799
H	743+28.21	-16.750	723.545	723.615
I	743+38.21	-16.750	723.370	723.419
J	743+48.21	-16.750	723.195	723.220
CL N. Brg.	743+58.21	-16.750	723.024	723.024
Bk. N. Abut.	743+59.71	-16.750	722.999	722.999

PG

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection
Bk. S. Abut.	742+46.71	-12.000	725.070	725.070
CL S. Brg.	742+48.21	-12.000	725.044	725.044
A	742+58.21	-12.000	724.869	724.893
B	742+68.21	-12.000	724.694	724.743
C	742+78.21	-12.000	724.519	724.589
D	742+88.21	-12.000	724.344	724.423
E	742+98.21	-12.000	724.169	724.258
F	743+8.21	-12.000	723.994	724.083
G	743+18.21	-12.000	723.819	723.898
H	743+28.21	-12.000	723.644	723.714
I	743+38.21	-12.000	723.469	723.518
J	743+48.21	-12.000	723.294	723.319
CL N. Brg.	743+58.21	-12.000	723.123	723.123
Bk. N. Abut.	743+59.71	-12.000	723.098	723.098

Girder 2

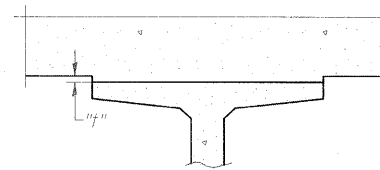
Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection
Bk. S. Abut.	742+46.71	-10.500	725.094	725.094
CL S. Brg.	742+48.21	-10.500	725.067	725.067
A	742+58.21	-10.500	724.892	724.917
B	742+68.21	-10.500	724.717	724.766
C	742+78.21	-10.500	724.542	724.612
D	742+88.21	-10.500	724.367	724.447
E	742+98.21	-10.500	724.192	724.281
F	743+8.21	-10.500	724.017	724.106
G	743+18.21	-10.500	723.842	723.922
H	743+28.21	-10.500	723.667	723.737
I	743+38.21	-10.500	723.492	723.541
J	743+48.21	-10.500	723.318	723.342
CL N. Brg.	743+58.21	-10.500	723.147	723.147
Bk. N. Abut.	743+59.71	-10.500	723.122	723.122



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 above.



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 above. These elevations subtracted from the "Theoretical Grade Elevations Adjusted for Dead Load Deflection" shown above, minus slab thickness, equals the fillet heights "t" above top flange of beams.

FILLET HEIGHTS

Note:  
See Sheet 3 of 30 for Deck Elevation Plan.

DESIGNED - BTO
CHECKED - JAW
DRAWN - BTO
CHECKED - JAW

DECK ELEVATIONS NORTHBOUND  
STRUCTURE NO. 101-0178

SHEET NO. 4 30 SHEETS	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	734	77-2B-1, 77-2-2	WINNEBAGO	530	276
FED. ROAD DIST. NO.			ILLINOIS FED. AID PROJECT		
CONTRACT NO. 64813					