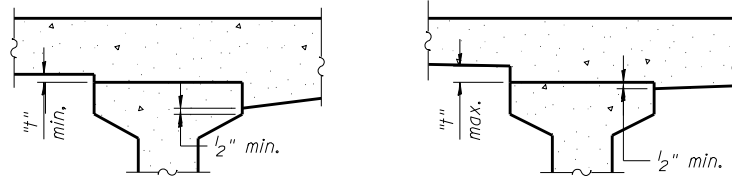


DEAD LOAD DEFLECTION DIAGRAM

(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 and grinding as shown below and on sheets 7 & 8 of 33.



At Minimum Fillet

At Maximum Fillet

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. These elevations subtracted from the "Theoretical Grade Elevations Adjusted for Dead Load Deflection and Grinding" shown here and on sheets 7-8 of 33, minus the 8 1/4" slab thickness, equals the fillet heights "t" above top flanges of beams.

The slab is to be ground after curing to achieve smoothness, but the slab is not to be ground to elevations below the "Theoretical Grade Elevations" shown below. For grinding the deck, see Special Provisions.

FILLET HEIGHTS

BEAM 1

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection and Grinding
Bk. West Abut.	729+38.75	-14.79	640.59	640.61
☉ Brg. W. Abut.	729+40.00	-14.79	640.59	640.61
A	729+50.00	-14.79	640.59	640.62
B	729+60.00	-14.79	640.58	640.64
C	729+70.00	-14.79	640.58	640.64
D	729+80.00	-14.79	640.57	640.63
E	729+90.00	-14.79	640.57	640.62
F	730+00.00	-14.79	640.57	640.60
☉ Pier 1	730+10.00	-14.79	640.56	640.58
G	730+21.00	-14.79	640.56	640.59
H	730+31.00	-14.79	640.55	640.60
I	730+41.00	-14.79	640.55	640.61
J	730+51.00	-14.79	640.55	640.60
K	730+61.00	-14.79	640.54	640.59
L	730+71.00	-14.79	640.54	640.57
☉ Pier 2	730+80.00	-14.79	640.53	640.56
M	730+91.00	-14.79	640.53	640.57
N	731+01.00	-14.79	640.53	640.59
O	731+11.00	-14.79	640.52	640.60
P	731+21.00	-14.79	640.52	640.60
Q	731+31.00	-14.79	640.51	640.59
R	731+41.00	-14.79	640.51	640.57
S	731+51.00	-14.79	640.51	640.55
☉ Pier 3	731+60.00	-14.79	640.50	640.52
T	731+71.00	-14.79	640.50	640.54
U	731+81.00	-14.79	640.49	640.55
V	731+91.00	-14.79	640.49	640.55
W	732+01.00	-14.79	640.49	640.54
X	732+11.00	-14.79	640.48	640.53
Y	732+21.00	-14.79	640.48	640.51
☉ Brg. E. Abut.	732+30.00	-14.79	640.48	640.50
Bk. East Abut.	732+31.25	-14.79	640.47	640.50

BEAM 2

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection and Grinding
Bk. West Abut.	729+38.75	-8.88	640.69	640.71
☉ Brg. W. Abut.	729+40.00	-8.88	640.69	640.71
A	729+50.00	-8.88	640.69	640.73
B	729+60.00	-8.88	640.68	640.74
C	729+70.00	-8.88	640.68	640.74
D	729+80.00	-8.88	640.68	640.73
E	729+90.00	-8.88	640.67	640.72
F	730+00.00	-8.88	640.67	640.70
☉ Pier 1	730+10.00	-8.88	640.66	640.68
G	730+21.00	-8.88	640.66	640.70
H	730+31.00	-8.88	640.66	640.71
I	730+41.00	-8.88	640.65	640.71
J	730+51.00	-8.88	640.65	640.70
K	730+61.00	-8.88	640.64	640.69
L	730+71.00	-8.88	640.64	640.67
☉ Pier 2	730+80.00	-8.88	640.64	640.66
M	730+91.00	-8.88	640.63	640.68
N	731+01.00	-8.88	640.63	640.70
O	731+11.00	-8.88	640.62	640.70
P	731+21.00	-8.88	640.62	640.71
Q	731+31.00	-8.88	640.62	640.69
R	731+41.00	-8.88	640.61	640.68
S	731+51.00	-8.88	640.61	640.65
☉ Pier 3	731+60.00	-8.88	640.60	640.63
T	731+71.00	-8.88	640.60	640.64
U	731+81.00	-8.88	640.60	640.65
V	731+91.00	-8.88	640.59	640.65
W	732+01.00	-8.88	640.59	640.65
X	732+11.00	-8.88	640.58	640.64
Y	732+21.00	-8.88	640.58	640.62
☉ Brg. E. Abut.	732+30.00	-8.88	640.58	640.60
Bk. East Abut.	732+31.25	-8.88	640.58	640.60

PLAN

