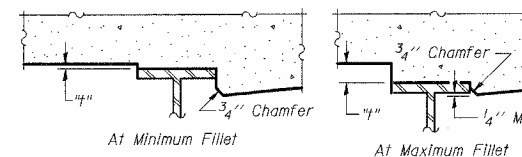


DEAD LOAD DEFLECTION DIAGRAM

(Includes weight of concrete only.)

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.



To determine "h": After all structural steel has 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" shown below, minus slab thickness, equals the fillet heights "h" above top flange of beams.

FILLET HEIGHTS

BEAM 1

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection
CL. PIER 8	2031.655	-4.25	764.968	764.968
CL. N. BRG. PIER 8	2032.364	-4.25	764.944	764.944
A	2042.364	-4.25	764.605	764.621
B	2052.364	-4.25	764.266	764.288
C	2062.364	-4.25	763.927	763.947
D	2072.364	-4.25	763.588	763.602
E	2082.364	-4.25	763.249	763.255
CL. PIER 9	2092.364	-4.25	762.910	762.910
G	2102.364	-4.25	762.571	762.583
H	2112.364	-4.25	762.232	762.263
I	2122.364	-4.25	761.893	761.939
J	2132.364	-4.25	761.554	761.606
K	2142.364	-4.25	761.215	761.261
L	2152.364	-4.25	760.876	760.907
M	2162.364	-4.25	760.537	760.549
CL. PIER 10	2172.364	-4.25	760.198	760.198
N	2182.364	-4.25	759.859	759.865
O	2192.364	-4.25	759.520	759.534
P	2202.364	-4.25	759.181	759.201
Q	2212.364	-4.25	758.842	758.864
R	2222.364	-4.25	758.503	758.519
CL. BRG N. ABUT.	2232.364	-4.25	758.164	758.164
BK. OF N. ABUT.	2234.655	-4.25	758.086	758.086

CL. BRIDGE & PGL

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection
CL. PIER 8	2031.655	0	765.056	765.056
CL. N. BRG. PIER 8	2032.364	0	765.032	765.032
A	2042.364	0	764.693	764.710
B	2052.364	0	764.354	764.377
C	2062.364	0	764.015	764.036
D	2072.364	0	763.676	763.691
E	2082.364	0	763.337	763.344
CL. PIER 9	2092.364	0	762.998	762.998
G	2102.364	0	762.659	762.672
H	2112.364	0	762.320	762.352
I	2122.364	0	761.981	762.028
J	2132.364	0	761.642	761.694
K	2142.364	0	761.303	761.350
L	2152.364	0	760.964	760.996
M	2162.364	0	760.625	760.638
CL. PIER 10	2172.364	0	760.286	760.286
N	2182.364	0	759.947	759.954
O	2192.364	0	759.608	759.623
P	2202.364	0	759.269	759.290
Q	2212.364	0	758.930	758.953
R	2222.364	0	758.591	758.608
CL. BRG. N. ABUT.	2232.364	0	758.252	758.252
BK. OF N. ABUT.	2234.655	0	758.175	758.175

BEAM 2

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection
CL. PIER 8	2031.655	4.25	764.968	764.968
CL. N. BRG. PIER 8	2032.364	4.25	764.944	764.944
A	2042.364	4.25	764.605	764.621
B	2052.364	4.25	764.266	764.288
C	2062.364	4.25	763.927	763.947
D	2072.364	4.25	763.588	763.602
E	2082.364	4.25	763.249	763.255
CL. PIER 9	2092.364	4.25	762.910	762.910
G	2102.364	4.25	762.571	762.583
H	2112.364	4.25	762.232	762.263
I	2122.364	4.25	761.893	761.939
J	2132.364	4.25	761.554	761.606
K	2142.364	4.25	761.215	761.261
L	2152.364	4.25	760.876	760.907
M	2162.364	4.25	760.537	760.549
CL. PIER 10	2172.364	4.25	760.198	760.198
N	2182.364	4.25	759.859	759.865
O	2192.364	4.25	759.520	759.534
P	2202.364	4.25	759.181	759.201
Q	2212.364	4.25	758.842	758.864
R	2222.364	4.25	758.503	758.519
CL. BRG. N. ABUT.	2232.364	4.25	758.164	758.164
BK. OF N. ABUT.	2234.655	4.25	758.086	758.086

TOP OF SLAB ELEVATIONS - SHEET 4 OF 4

PEDESTRIAN/BICYCLE PATH BRIDGE OVER UNION PACIFIC RAILROAD

FILE NAME: TOP OF SLAB	DSGN. BY: MMH	JOB NO.: 551007	FLD. BK./PG.: -----	SHEET NO. 20 of 54
DISC. NUMBER: 551007	DRN. BY: RDS	DATE: 04-26-04	SCALE: -----	

PREPARED FOR:
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REVISIONS					
NO.	DATE	DESCRIPTION	NO.	DATE	DESCRIPTION