

BEAMS 3 & 10

Location	Station	Offset	Theor. Grade Elevations	Theor. Grade Elev. Adj. For Dead Load Deflection
☉ Pier 9	185+23.30	29.75	677.96	677.96
☉ Brg. Pier 9-N	185+24.47	29.75	677.94	677.94
P3	185+34.47	29.75	677.74	677.78
R3	185+44.47	29.75	677.54	677.60
S3	185+54.47	29.75	677.32	677.40
T3	185+64.47	29.75	677.09	677.16
U3	185+74.47	29.75	676.86	676.91
V3	185+84.47	29.75	676.61	676.63
W3	185+94.47	29.75	676.35	676.36
☉ Pier 10	186+00.84	29.75	676.18	676.18
X3	186+10.84	29.75	675.91	675.92
Y3	186+20.84	29.75	675.62	675.66
Z3	186+30.84	29.75	675.33	675.39
A4	186+40.84	29.75	675.02	675.10
B4	186+50.84	29.75	674.71	674.79
C4	186+60.84	29.75	674.38	674.45
D4	186+70.84	29.75	674.04	674.10
E4	186+80.84	29.75	673.70	673.72
F4	186+90.84	29.75	673.34	673.34
☉ Pier 11	186+95.84	29.75	673.16	673.16
G4	187+05.84	29.75	672.79	672.79
H4	187+15.84	29.75	672.40	672.43
J4	187+25.84	29.75	672.01	672.06
K4	187+35.84	29.75	671.61	671.68
L4	187+45.84	29.75	671.21	671.29
M4	187+55.84	29.75	670.82	670.88
N4	187+65.84	29.75	670.42	670.46
P4	187+75.84	29.75	670.02	670.04
R4	187+85.84	29.75	669.62	669.62
☉ Pier 12	187+90.84	29.75	669.42	669.42
S4	188+00.84	29.75	669.03	669.04
T4	188+10.84	29.75	668.63	668.68
U4	188+20.84	29.75	668.23	668.31
V4	188+30.84	29.75	667.83	667.94
W4	188+40.84	29.75	667.44	667.55
X4	188+50.84	29.75	667.04	667.14
Y4	188+60.84	29.75	666.64	666.72
Z4	188+70.84	29.75	666.24	666.29
A5	188+80.84	29.75	665.85	665.86
☉ Pier 13	188+85.84	29.75	665.65	665.65
B5	188+95.84	29.75	665.25	665.24
C5	189+05.84	29.75	664.85	664.84
D5	189+15.84	29.75	664.45	664.45
E5	189+25.84	29.75	664.06	664.06
☉ Brg. N. Abut.	189+34.59	29.75	663.71	663.71
Bk. N. Abut.	189+37.59	29.75	663.59	663.59

BEAMS 4 & 9

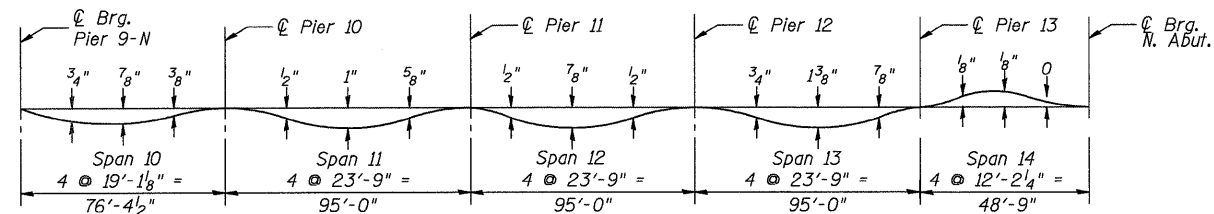
Location	Station	Offset	Theor. Grade Elevations	Theor. Grade Elev. Adj. For Dead Load Deflection
☉ Pier 9	185+23.30	21.25	678.13	678.13
☉ Brg. Pier 9-N	185+24.47	21.25	678.11	678.11
P3	185+34.47	21.25	677.91	677.95
R3	185+44.47	21.25	677.71	677.77
S3	185+54.47	21.25	677.49	677.57
T3	185+64.47	21.25	677.26	677.33
U3	185+74.47	21.25	677.03	677.08
V3	185+84.47	21.25	676.78	676.80
W3	185+94.47	21.25	676.52	676.53
☉ Pier 10	186+00.84	21.25	676.35	676.35
X3	186+10.84	21.25	676.08	676.09
Y3	186+20.84	21.25	675.79	675.83
Z3	186+30.84	21.25	675.50	675.56
A4	186+40.84	21.25	675.19	675.27
B4	186+50.84	21.25	674.88	674.96
C4	186+60.84	21.25	674.55	674.62
D4	186+70.84	21.25	674.21	674.27
E4	186+80.84	21.25	673.87	673.89
F4	186+90.84	21.25	673.51	673.51
☉ Pier 11	186+95.84	21.25	673.33	673.33
G4	187+05.84	21.25	672.96	672.96
H4	187+15.84	21.25	672.57	672.60
J4	187+25.84	21.25	672.18	672.23
K4	187+35.84	21.25	671.78	671.85
L4	187+45.84	21.25	671.38	671.46
M4	187+55.84	21.25	670.99	671.05
N4	187+65.84	21.25	670.59	670.63
P4	187+75.84	21.25	670.19	670.21
R4	187+85.84	21.25	669.79	669.79
☉ Pier 12	187+90.84	21.25	669.59	669.59
S4	188+00.84	21.25	669.20	669.21
T4	188+10.84	21.25	668.80	668.85
U4	188+20.84	21.25	668.40	668.48
V4	188+30.84	21.25	668.00	668.11
W4	188+40.84	21.25	667.61	667.72
X4	188+50.84	21.25	667.21	667.31
Y4	188+60.84	21.25	666.81	666.89
Z4	188+70.84	21.25	666.41	666.46
A5	188+80.84	21.25	666.02	666.03
☉ Pier 13	188+85.84	21.25	665.82	665.82
B5	188+95.84	21.25	665.42	665.41
C5	189+05.84	21.25	665.02	665.01
D5	189+15.84	21.25	664.62	664.62
E5	189+25.84	21.25	664.23	664.23
☉ Brg. N. Abut.	189+34.59	21.25	663.88	663.88
Bk. N. Abut.	189+37.59	21.25	663.76	663.76

BEAMS 5 & 8

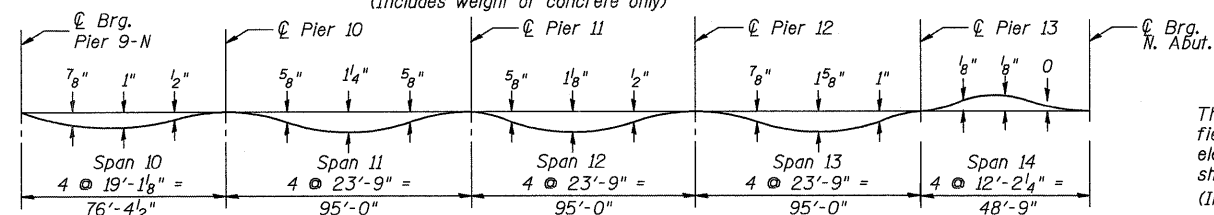
Location	Station	Offset	Theor. Grade Elevations	Theor. Grade Elev. Adj. For Dead Load Deflection
☉ Pier 9	185+23.30	12.75	678.30	678.30
☉ Brg. Pier 9-N	185+24.47	12.75	678.28	678.28
P3	185+34.47	12.75	678.08	678.12
R3	185+44.47	12.75	677.88	677.94
S3	185+54.47	12.75	677.66	677.74
T3	185+64.47	12.75	677.43	677.50
U3	185+74.47	12.75	677.20	677.25
V3	185+84.47	12.75	676.95	676.97
W3	185+94.47	12.75	676.69	676.70
☉ Pier 10	186+00.84	12.75	676.52	676.52
X3	186+10.84	12.75	676.25	676.26
Y3	186+20.84	12.75	675.96	676.00
Z3	186+30.84	12.75	675.67	675.73
A4	186+40.84	12.75	675.36	675.44
B4	186+50.84	12.75	675.05	675.13
C4	186+60.84	12.75	674.72	674.79
D4	186+70.84	12.75	674.38	674.44
E4	186+80.84	12.75	674.04	674.06
F4	186+90.84	12.75	673.68	673.68
☉ Pier 11	186+95.84	12.75	673.50	673.50
G4	187+05.84	12.75	673.13	673.13
H4	187+15.84	12.75	672.74	672.77
J4	187+25.84	12.75	672.35	672.40
K4	187+35.84	12.75	671.95	672.02
L4	187+45.84	12.75	671.55	671.63
M4	187+55.84	12.75	671.16	671.22
N4	187+65.84	12.75	670.76	670.80
P4	187+75.84	12.75	670.36	670.38
R4	187+85.84	12.75	669.96	669.96
☉ Pier 12	187+90.84	12.75	669.76	669.76
S4	188+00.84	12.75	669.37	669.38
T4	188+10.84	12.75	668.97	669.02
U4	188+20.84	12.75	668.57	668.65
V4	188+30.84	12.75	668.17	668.28
W4	188+40.84	12.75	667.78	667.89
X4	188+50.84	12.75	667.38	667.48
Y4	188+60.84	12.75	666.98	667.06
Z4	188+70.84	12.75	666.58	666.63
A5	188+80.84	12.75	666.19	666.20
☉ Pier 13	188+85.84	12.75	665.99	665.99
B5	188+95.84	12.75	665.59	665.58
C5	189+05.84	12.75	665.19	665.18
D5	189+15.84	12.75	664.79	664.79
E5	189+25.84	12.75	664.40	664.40
☉ Brg. N. Abut.	189+34.59	12.75	664.05	664.05
Bk. N. Abut.	189+37.59	12.75	663.93	663.93

BEAMS 6 & 7

Location	Station	Offset	Theor. Grade Elevations	Theor. Grade Elev. Adj. For Dead Load Deflection
☉ Pier 9	185+23.30	4.25	678.47	678.47
☉ Brg. Pier 9-N	185+24.47	4.25	678.45	678.45
P3	185+34.47	4.25	678.25	678.29
R3	185+44.47	4.25	678.05	678.11
S3	185+54.47	4.25	677.83	677.91
T3	185+64.47	4.25	677.60	677.67
U3	185+74.47	4.25	677.37	677.42
V3	185+84.47	4.25	677.12	677.14
W3	185+94.47	4.25	676.86	676.87
☉ Pier 10	186+00.84	4.25	676.69	676.69
X3	186+10.84	4.25	676.42	676.43
Y3	186+20.84	4.25	676.13	676.17
Z3	186+30.84	4.25	675.84	675.90
A4	186+40.84	4.25	675.53	675.61
B4	186+50.84	4.25	675.22	675.30
C4	186+60.84	4.25	674.89	674.96
D4	186+70.84	4.25	674.55	674.61
E4	186+80.84	4.25	674.21	674.23
F4	186+90.84	4.25	673.85	673.85
☉ Pier 11	186+95.84	4.25	673.67	673.67
G4	187+05.84	4.25	673.30	673.30
H4	187+15.84	4.25	672.91	672.94
J4	187+25.84	4.25	672.52	672.57
K4	187+35.84	4.25	672.12	672.19
L4	187+45.84	4.25	671.72	671.80
M4	187+55.84	4.25	671.33	671.39
N4	187+65.84	4.25	670.93	670.97
P4	187+75.84	4.25	670.53	670.55
R4	187+85.84	4.25	670.13	670.13
☉ Pier 12	187+90.84	4.25	669.93	669.93
S4	188+00.84	4.25	669.54	669.55
T4	188+10.84	4.25	669.14	669.19
U4	188+20.84	4.25	668.74	668.82
V4	188+30.84	4.25	668.34	668.45
W4	188+40.84	4.25	667.95	668.06
X4	188+50.84	4.25	667.55	667.65
Y4	188+60.84	4.25	667.15	667.23
Z4	188+70.84	4.25	666.75	666.80
A5	188+80.84	4.25	666.36	666.37
☉ Pier 13	188+85.84	4.25	666.16	666.16
B5	188+95.84	4.25	665.76	665.75
C5	189+05.84	4.25	665.36	665.35
D5	189+15.84	4.25	664.96	664.96
E5	189+25.84	4.25	664.57	664.57
☉ Brg. N. Abut.	189+34.59	4.25	664.22	664.22
Bk. N. Abut.	189+37.59	4.25	664.10	664.10



DEAD LOAD DEFLECTION DIAGRAM-INTERIOR BEAM
(Includes weight of concrete only)



DEAD LOAD DEFLECTION DIAGRAM-EXTERIOR BEAM
(Includes weight of concrete only)

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. All elevations and offsets are in feet. (Includes weight of concrete only)

FOR INFORMATION ONLY

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REVISIONS	
NAME	DATE
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