

Girder 1

Girder 2

Girder 3

Girder 4

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection
Back W. Abut. & W. Abut. Brg.	49879.195 49882.257	-69.000 -69.000	586.550 586.572	586.550 586.572
A	49892.257	-69.000	586.639	586.661
B	49902.257	-69.000	586.699	586.740
C	49912.257	-69.000	586.732	586.804
D	49922.257	-69.000	586.798	586.850
E	49932.257	-69.000	586.837	586.879
F	49942.257	-69.000	586.869	586.895
G	49952.257	-69.000	586.894	586.903
© Pier	49962.257	-69.000	586.912	586.912
H	49972.257	-69.000	586.923	586.932
I	49982.257	-69.000	586.927	586.953
J	49992.257	-69.000	586.924	586.966
K	50002.257	-69.000	586.914	586.966
L	50012.257	-69.000	586.897	586.949
M	50022.257	-69.000	586.873	586.915
N	50032.257	-69.000	586.842	586.865
© E. Abut. Brg. & Back E. Abut.	50042.257 50045.320	-69.000 -69.000	586.804 586.791	586.804 586.791

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection
Back W. Abut. & W. Abut. Brg.	49878.221 49881.283	-64.167 -64.167	586.639 586.661	586.639 586.661
A	49891.283	-64.167	586.729	586.760
B	49901.283	-64.167	586.790	586.842
C	49911.283	-64.167	586.844	586.904
D	49921.283	-64.167	586.890	586.947
E	49931.283	-64.167	586.930	586.974
F	49941.283	-64.167	586.963	586.989
G	49951.283	-64.167	586.988	586.997
© Pier	49961.283	-64.167	587.007	587.007
H	49971.283	-64.167	587.019	587.027
I	49981.283	-64.167	587.023	587.049
J	49991.283	-64.167	587.021	587.065
K	50001.283	-64.167	587.012	587.069
L	50011.283	-64.167	586.996	587.056
M	50021.283	-64.167	586.972	587.024
N	50031.283	-64.167	586.942	586.973
© E. Abut. Brg. & Back E. Abut.	50041.283 50044.346	-64.167 -64.167	586.905 586.892	586.905 586.892

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection
Back W. Abut. & W. Abut. Brg.	49876.374 49879.436	-55.000 -55.000	586.809 586.832	586.809 586.832
A	49889.436	-55.000	586.901	586.941
B	49899.436	-55.000	586.963	587.035
C	49909.436	-55.000	587.018	587.109
D	49919.436	-55.000	587.066	587.154
E	49929.436	-55.000	587.107	587.177
F	49939.436	-55.000	587.140	587.182
G	49949.436	-55.000	587.167	587.181
© Pier	49959.436	-55.000	587.187	587.187
H	49969.436	-55.000	587.200	587.214
I	49979.436	-55.000	587.206	587.248
J	49989.436	-55.000	587.205	587.276
K	49999.436	-55.000	587.197	587.286
L	50009.436	-55.000	587.182	587.272
M	50019.436	-55.000	587.161	587.233
N	50029.436	-55.000	587.132	587.172
© E. Abut. Brg. & Back E. Abut.	50039.436 50042.499	-55.000 -55.000	587.096 587.083	587.096 587.083

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection
Back W. Abut. & W. Abut. Brg.	49874.526 49877.588	-45.833 -45.833	586.979 587.002	586.979 587.002
A	49887.588	-45.833	587.072	587.112
B	49897.588	-45.833	587.135	587.208
C	49907.588	-45.833	587.191	587.281
D	49917.588	-45.833	587.241	587.329
E	49927.588	-45.833	587.293	587.353
F	49937.588	-45.833	587.318	587.360
G	49947.588	-45.833	587.346	587.360
© Pier	49957.588	-45.833	587.368	587.368
H	49967.588	-45.833	587.382	587.395
I	49977.588	-45.833	587.389	587.431
J	49987.588	-45.833	587.390	587.460
K	49997.588	-45.833	587.383	587.471
L	50007.588	-45.833	587.369	587.459
M	50017.588	-45.833	587.349	587.421
N	50027.588	-45.833	587.321	587.361
© E. Abut. Brg. & Back E. Abut.	50037.588 50040.651	-45.833 -45.833	587.286 587.274	587.286 587.274

Girder 5

Girder 6

Girder 7

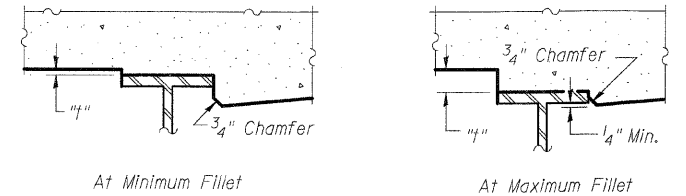
Girder 8

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection
Back W. Abut. & W. Abut. Brg.	49872.678 49875.740	-36.667 -36.667	587.148 587.171	587.148 587.171
A	49885.740	-36.667	587.243	587.283
B	49895.740	-36.667	587.307	587.380
C	49905.740	-36.667	587.365	587.455
D	49915.740	-36.667	587.415	587.504
E	49925.740	-36.667	587.459	587.529
F	49935.740	-36.667	587.496	587.537
G	49945.740	-36.667	587.528	587.538
© Pier	49955.740	-36.667	587.548	587.548
H	49965.740	-36.667	587.563	587.576
I	49975.740	-36.667	587.572	587.614
J	49985.740	-36.667	587.573	587.644
K	49995.740	-36.667	587.568	587.657
L	50005.740	-36.667	587.556	587.646
M	50015.740	-36.667	587.536	587.609
N	50025.740	-36.667	587.510	587.550
© E. Abut. Brg. & Back E. Abut.	50035.740 50038.803	-36.667 -36.667	587.477 587.465	587.477 587.465

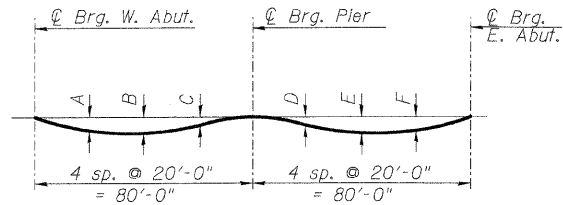
Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection
Back W. Abut. & W. Abut. Brg.	49870.831 49873.893	-27.500 -27.500	587.304 587.328	587.304 587.328
A	49883.893	-27.500	587.401	587.441
B	49893.893	-27.500	587.467	587.540
C	49903.893	-27.500	587.526	587.616
D	49913.893	-27.500	587.578	587.686
E	49923.893	-27.500	587.622	587.693
F	49933.893	-27.500	587.660	587.702
G	49943.893	-27.500	587.691	587.704
© Pier	49953.893	-27.500	587.715	587.715
H	49963.893	-27.500	587.732	587.745
I	49973.893	-27.500	587.742	587.783
J	49983.893	-27.500	587.745	587.815
K	49993.893	-27.500	587.741	587.829
L	50003.893	-27.500	587.729	587.819
M	50013.893	-27.500	587.711	587.784
N	50023.893	-27.500	587.686	587.727
© E. Abut. Brg. & Back E. Abut.	50033.893 50036.956	-27.500 -27.500	587.654 587.643	587.654 587.643

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection
Back W. Abut. & W. Abut. Brg.	49868.983 49872.045	-18.333 -18.333	587.427 587.451	587.427 587.451
A	49882.045	-18.333	587.526	587.566
B	49892.045	-18.333	587.593	587.666
C	49902.045	-18.333	587.653	587.743
D	49912.045	-18.333	587.706	587.795
E	49922.045	-18.333	587.752	587.823
F	49932.045	-18.333	587.791	587.833
G	49942.045	-18.333	587.823	587.837
© Pier	49952.045	-18.333	587.849	587.849
H	49962.045	-18.333	587.867	587.880
I	49972.045	-18.333	587.878	587.920
J	49982.045	-18.333	587.882	587.953
K	49992.045	-18.333	587.879	587.968
L	50002.045	-18.333	587.869	587.959
M	50012.045	-18.333	587.853	587.926
N	50022.045	-18.333	587.829	587.869
© E. Abut. Brg. & Back E. Abut.	50032.045 50035.108	-18.333 -18.333	587.798 587.787	587.798 587.787

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection
Back W. Abut. & W. Abut. Brg.	49867.136 49870.198	-9.167 -9.167	587.550 587.574	587.550 587.574
A	49880.198	-9.167	587.650	587.690
B	49890.198	-9.167	587.718	587.791
C	49900.198	-9.167	587.780	587.870
D	49910.198	-9.167	587.834	587.923
E	49920.198	-9.167	587.882	587.952
F	49930.198	-9.167	587.922	587.964
G	49940.198	-9.167	587.956	587.969
© Pier	49950.198	-9.167	587.982	587.982
H	49960.198	-9.167	588.001	588.015
I	49970.198	-9.167	588.014	588.056
J	49980.198	-9.167	588.019	588.090
K	49990.198	-9.167	588.018	588.106
L	50000.198	-9.167	588.009	588.099
M	50010.198	-9.167	587.994	588.067
N	50020.198	-9.167	587.971	588.012
© E. Abut. Brg. & Back E. Abut.	50030.198 50033.261	-9.167 -9.167	587.942 587.931	587.942 587.931



To determine fillet height "h", measure elevations at intervals as shown after all steel has been erected. Add this number to the slab thickness and subtract the sum from the "Theoretical Grade Elev. Adjusted for Dead Load Deflection." This equals the fillet height above the girders.



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 above.

GIRDER	A	B	C	D	E	F
1/17	1/2"	5/8"	5/16"	5/16"	5/8"	1/2"
2/16	5/8"	1/16"	5/16"	5/16"	1/16"	5/8"
3-15	7/8"	1/16"	1/2"	1/2"	1/16"	7/8"

NOTE:

See Sheet S-09 for Scribed Plan.

REVISIONS	
NAME	DATE