

BEAM 1

LOCATION	STATION	OFFSET	THEORETICAL GRADE ELEVATIONS	THEORETICAL GRADE ELEVATIONS ADJUSTED FOR DEAD LOAD DEFLECTIONS
Back of North Abutment	12+08.25	-13.500	445.214	445.214
☉ Brg. of North Abutment	12+10.00	-13.500	445.179	445.179
a	12+20.00	-13.500	444.979	444.992
b	12+30.00	-13.500	444.779	444.798
c	12+40.00	-13.500	444.579	444.597
d	12+50.00	-13.500	444.379	444.391
e	12+60.00	-13.500	444.179	444.181
☉ of Pier 1	12+70.00	-13.500	443.979	443.979
f	12+80.00	-13.500	443.779	443.788
g	12+90.00	-13.500	443.579	443.604
h	13+00.00	-13.500	443.379	443.417
i	13+10.00	-13.500	443.179	443.222
j	13+20.00	-13.500	442.979	443.017
k	13+30.00	-13.500	442.779	442.804
l	13+40.00	-13.500	442.579	442.588
☉ of Pier 2	13+50.00	-13.500	442.379	442.379
m	13+60.00	-13.500	442.179	442.181
n	13+70.00	-13.500	441.979	441.991
o	13+80.00	-13.500	441.779	441.797
p	13+90.00	-13.500	441.579	441.598
q	14+00.00	-13.500	441.379	441.392
☉ Brg. of South Abutment	14+10.00	-13.500	441.179	441.179
Back of South Abutment	14+11.75	-13.500	441.144	441.144

BEAM 2

LOCATION	STATION	OFFSET	THEORETICAL GRADE ELEVATIONS	THEORETICAL GRADE ELEVATIONS ADJUSTED FOR DEAD LOAD DEFLECTIONS
Back of North Abutment	12+08.25	-7.500	445.308	445.308
☉ Brg. of North Abutment	12+10.00	-7.500	445.273	445.273
a	12+20.00	-7.500	445.073	445.085
b	12+30.00	-7.500	444.873	444.892
c	12+40.00	-7.500	444.673	444.691
d	12+50.00	-7.500	444.473	444.484
e	12+60.00	-7.500	444.273	444.274
☉ of Pier 1	12+70.00	-7.500	444.073	444.073
f	12+80.00	-7.500	443.873	443.882
g	12+90.00	-7.500	443.673	443.698
h	13+00.00	-7.500	443.473	443.511
i	13+10.00	-7.500	443.273	443.316
j	13+20.00	-7.500	443.073	443.111
k	13+30.00	-7.500	442.873	442.898
l	13+40.00	-7.500	442.673	442.682
☉ of Pier 2	13+50.00	-7.500	442.473	442.473
m	13+60.00	-7.500	442.273	442.274
n	13+70.00	-7.500	442.073	442.084
o	13+80.00	-7.500	441.873	441.891
p	13+90.00	-7.500	441.673	441.692
q	14+00.00	-7.500	441.473	441.485
☉ Brg. of South Abutment	14+10.00	-7.500	441.273	441.273
Back of South Abutment	14+11.75	-7.500	441.238	441.238

BEAM 3

LOCATION	STATION	OFFSET	THEORETICAL GRADE ELEVATIONS	THEORETICAL GRADE ELEVATIONS ADJUSTED FOR DEAD LOAD DEFLECTIONS
Back of North Abutment	12+08.25	-1.500	445.402	445.402
☉ Brg. of North Abutment	12+10.00	-1.500	445.367	445.367
a	12+20.00	-1.500	445.167	445.179
b	12+30.00	-1.500	444.967	444.986
c	12+40.00	-1.500	444.767	444.785
d	12+50.00	-1.500	444.567	444.578
e	12+60.00	-1.500	444.367	444.368
☉ of Pier 1	12+70.00	-1.500	444.167	444.167
f	12+80.00	-1.500	443.967	443.976
g	12+90.00	-1.500	443.767	443.792
h	13+00.00	-1.500	443.567	443.605
i	13+10.00	-1.500	443.367	443.410
j	13+20.00	-1.500	443.167	443.205
k	13+30.00	-1.500	442.967	442.992
l	13+40.00	-1.500	442.767	442.776
☉ of Pier 2	13+50.00	-1.500	442.567	442.567
m	13+60.00	-1.500	442.367	442.368
n	13+70.00	-1.500	442.167	442.178
o	13+80.00	-1.500	441.967	441.985
p	13+90.00	-1.500	441.767	441.786
q	14+00.00	-1.500	441.567	441.579
☉ Brg. of South Abutment	14+10.00	-1.500	441.367	441.367
Back of South Abutment	14+11.75	-1.500	441.332	441.332

BEAM 4

LOCATION	STATION	OFFSET	THEORETICAL GRADE ELEVATIONS	THEORETICAL GRADE ELEVATIONS ADJUSTED FOR DEAD LOAD DEFLECTIONS
Back of North Abutment	12+08.25	4.500	445.355	445.355
☉ Brg. of North Abutment	12+10.00	4.500	445.320	445.320
a	12+20.00	4.500	445.120	445.132
b	12+30.00	4.500	444.920	444.939
c	12+40.00	4.500	444.720	444.738
d	12+50.00	4.500	444.520	444.531
e	12+60.00	4.500	444.320	444.321
☉ of Pier 1	12+70.00	4.500	444.120	444.120
f	12+80.00	4.500	443.920	443.929
g	12+90.00	4.500	443.720	443.745
h	13+00.00	4.500	443.520	443.558
i	13+10.00	4.500	443.320	443.363
j	13+20.00	4.500	443.120	443.158
k	13+30.00	4.500	442.920	442.945
l	13+40.00	4.500	442.720	442.729
☉ of Pier 2	13+50.00	4.500	442.520	442.520
m	13+60.00	4.500	442.320	442.321
n	13+70.00	4.500	442.120	442.131
o	13+80.00	4.500	441.920	441.938
p	13+90.00	4.500	441.720	441.739
q	14+00.00	4.500	441.520	441.532
☉ Brg. of South Abutment	14+10.00	4.500	441.320	441.320
Back of South Abutment	14+11.75	4.500	441.285	441.285

BEAM 5

LOCATION	STATION	OFFSET	THEORETICAL GRADE ELEVATIONS	THEORETICAL GRADE ELEVATIONS ADJUSTED FOR DEAD LOAD DEFLECTIONS
Back of North Abutment	12+08.25	10.500	445.261	445.261
☉ Brg. of North Abutment	12+10.00	10.500	445.226	445.226
a	12+20.00	10.500	445.026	445.038
b	12+30.00	10.500	444.826	444.845
c	12+40.00	10.500	444.626	444.644
d	12+50.00	10.500	444.426	444.438
e	12+60.00	10.500	444.226	444.228
☉ of Pier 1	12+70.00	10.500	444.026	444.026
f	12+80.00	10.500	443.826	443.835
g	12+90.00	10.500	443.626	443.651
h	13+00.00	10.500	443.426	443.464
i	13+10.00	10.500	443.226	443.269
j	13+20.00	10.500	443.026	443.064
k	13+30.00	10.500	442.826	442.851
l	13+40.00	10.500	442.626	442.635
☉ of Pier 2	13+50.00	10.500	442.426	442.426
m	13+60.00	10.500	442.226	442.228
n	13+70.00	10.500	442.026	442.038
o	13+80.00	10.500	441.826	441.844
p	13+90.00	10.500	441.626	441.645
q	14+00.00	10.500	441.426	441.438
☉ Brg. of South Abutment	14+10.00	10.500	441.226	441.226
Back of South Abutment	14+11.75	10.500	441.191	441.191

BEAM 6

LOCATION	STATION	OFFSET	THEORETICAL GRADE ELEVATIONS	THEORETICAL GRADE ELEVATIONS ADJUSTED FOR DEAD LOAD DEFLECTIONS
Back of North Abutment	12+08.25	16.500	445.167	445.167
☉ Brg. of North Abutment	12+10.00	16.500	445.132	445.132
a	12+20.00	16.500	444.932	444.945
b	12+30.00	16.500	444.732	444.751
c	12+40.00	16.500	444.532	444.551
d	12+50.00	16.500	444.332	444.344
e	12+60.00	16.500	444.132	444.134
☉ of Pier 1	12+70.00	16.500	443.932	443.932
f	12+80.00	16.500	443.732	443.741
g	12+90.00	16.500	443.532	443.557
h	13+00.00	16.500	443.332	443.371
i	13+10.00	16.500	443.132	443.176
j	13+20.00	16.500	442.932	442.971
k	13+30.00	16.500	442.732	442.757
l	13+40.00	16.500	442.532	442.541
☉ of Pier 2	13+50.00	16.500	442.332	442.332
m	13+60.00	16.500	442.132	442.134
n	13+70.00	16.500	441.932	441.944
o	13+80.00	16.500	441.732	441.751
p	13+90.00	16.500	441.532	441.551
q	14+00.00	16.500	441.332	441.345
☉ Brg. of South Abutment	14+10.00	16.500	441.132	441.132
Back of South Abutment	14+11.75	16.500	441.097	441.097

DECK ELEVATIONS
POWDER MILL ROAD OVER
EAST FORK OF WOOD RIVER
SECTION 03-00044-00-BR
VILLAGE OF EAST ALTON
STA. 13+10
STRUCTURE NO. 060-6400