



To determine "t": After all structural steel has been erected, elevations of the top flanges of the beams shall be taken at intervals shown above. These elevations subtracted from the "Theoretical Grade Elevations Adjusted for Dead Load Deflection" shown below, minus slab thickness, equals the fillet heights "t" above top flange of beams.

**FILLET HEIGHTS**  
\*Variable (not less than 1/4")

**LEFT FACE OF RAIL**

Location	Station	Offset Lt.	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection
Bk. of S. Abut.	54+37.000	15.000	424.200	424.200
© Brg. S. Abut.	54+38.250	15.000	424.213	424.213
A	54+48.250	15.000	424.314	424.393
B	54+58.250	15.000	424.399	424.552
C	54+68.250	15.000	424.469	424.686
D	54+78.250	15.000	424.524	424.791
E	54+88.250	15.000	424.564	424.864
F	54+98.250	15.000	424.589	424.904
G	55+08.250	15.000	424.601	424.912
H	55+18.250	15.000	424.602	424.889
I	55+28.250	15.000	424.588	424.834
J	55+38.250	15.000	424.516	424.706
K	55+48.250	15.000	424.391	424.461
L	55+58.250	15.000	424.252	424.296
© Brg. N. Abut.	55+63.750	15.000	424.183	424.183
Bk. of N. Abut.	55+65.000	15.000	424.173	424.173

**BEAM 1**

Location	Station	Offset Lt.	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection
Bk. of S. Abut.	54+37.000	12.000	424.262	424.262
© Brg. S. Abut.	54+38.250	12.000	424.276	424.276
A	54+48.250	12.000	424.376	424.455
B	54+58.250	12.000	424.461	424.615
C	54+68.250	12.000	424.531	424.748
D	54+78.250	12.000	424.586	424.853
E	54+88.250	12.000	424.627	424.927
F	54+98.250	12.000	424.652	424.967
G	55+08.250	12.000	424.662	424.972
H	55+18.250	12.000	424.657	424.944
I	55+28.250	12.000	424.637	424.883
J	55+38.250	12.000	424.571	424.760
K	55+48.250	12.000	424.461	424.582
L	55+58.250	12.000	424.337	424.381
© Brg. N. Abut.	55+63.750	12.000	424.273	424.273
Bk. of N. Abut.	55+65.000	12.000	424.263	424.263

**BEAM 2**

Location	Station	Offset Lt.	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection
Bk. of S. Abut.	54+37.000	6.000	424.356	424.356
© Brg. S. Abut.	54+38.250	6.000	424.370	424.370
A	54+48.250	6.000	424.470	424.538
B	54+58.250	6.000	424.555	424.686
C	54+68.250	6.000	424.625	424.810
D	54+78.250	6.000	424.680	424.907
E	54+88.250	6.000	424.720	424.975
F	54+98.250	6.000	424.745	425.013
G	55+08.250	6.000	424.756	425.020
H	55+18.250	6.000	424.751	424.995
I	55+28.250	6.000	424.731	424.940
J	55+38.250	6.000	424.680	424.842
K	55+48.250	6.000	424.600	424.704
L	55+58.250	6.000	424.506	424.544
© Brg. N. Abut.	55+63.750	6.000	424.453	424.453
Bk. of N. Abut.	55+65.000	6.000	424.443	424.443

**BEAM 3**

Location	Station	Offset Rt.	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection
Bk. of S. Abut.	54+37.000	0.000	424.450	424.450
© Brg. S. Abut.	54+38.250	0.000	424.463	424.463
A	54+48.250	0.000	424.564	424.631
B	54+58.250	0.000	424.649	424.779
C	54+68.250	0.000	424.719	424.904
D	54+78.250	0.000	424.774	425.001
E	54+88.250	0.000	424.814	425.069
F	54+98.250	0.000	424.839	425.107
G	55+08.250	0.000	424.849	425.113
H	55+18.250	0.000	424.844	425.089
I	55+28.250	0.000	424.825	425.034
J	55+38.250	0.000	424.790	424.951
K	55+48.250	0.000	424.740	424.843
L	55+58.250	0.000	424.675	424.713
© Brg. N. Abut.	55+63.750	0.000	424.633	424.633
Bk. of N. Abut.	55+65.000	0.000	424.623	424.623

**BEAM 4**

Location	Station	Offset Rt.	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection
Bk. of S. Abut.	54+37.000	6.000	424.356	424.356
© Brg. S. Abut.	54+38.250	6.000	424.370	424.370
A	54+48.250	6.000	424.470	424.538
B	54+58.250	6.000	424.555	424.686
C	54+68.250	6.000	424.625	424.810
D	54+78.250	6.000	424.685	424.912
E	54+88.250	6.000	424.758	425.013
F	54+98.250	6.000	424.817	425.085
G	55+08.250	6.000	424.860	425.124
H	55+18.250	6.000	424.889	425.133
I	55+28.250	6.000	424.903	425.112
J	55+38.250	6.000	424.899	425.061
K	55+48.250	6.000	424.879	424.982
L	55+58.250	6.000	424.844	424.882
© Brg. N. Abut.	55+63.750	6.000	424.813	424.813
Bk. of N. Abut.	55+65.000	6.000	424.803	424.803

**BEAM 5**

Location	Station	Offset Rt.	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection
Bk. of S. Abut.	54+37.000	12.000	424.262	424.262
© Brg. S. Abut.	54+38.250	12.000	424.276	424.276
A	54+48.250	12.000	424.376	424.455
B	54+58.250	12.000	424.461	424.615
C	54+68.250	12.000	424.531	424.748
D	54+78.250	12.000	424.595	424.862
E	54+88.250	12.000	424.702	425.002
F	54+98.250	12.000	424.794	425.109
G	55+08.250	12.000	424.872	425.182
H	55+18.250	12.000	424.934	425.221
I	55+28.250	12.000	424.981	425.227
J	55+38.250	12.000	425.009	425.199
K	55+48.250	12.000	425.018	425.140
L	55+58.250	12.000	425.013	425.057
© Brg. N. Abut.	55+63.750	12.000	424.993	424.993
Bk. of N. Abut.	55+65.000	12.000	424.983	424.983

**RIGHT FACE OF RAIL**

Location	Station	Offset Rt.	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection
Bk. of S. Abut.	54+37.000	15.000	424.200	424.200
© Brg. S. Abut.	54+38.250	15.000	424.213	424.213
A	54+48.250	15.000	424.314	424.393
B	54+58.250	15.000	424.399	424.552
C	54+68.250	15.000	424.469	424.686
D	54+78.250	15.000	424.536	424.803
E	54+88.250	15.000	424.665	424.965
F	54+98.250	15.000	424.780	425.094
G	55+08.250	15.000	424.877	425.188
H	55+18.250	15.000	424.956	425.243
I	55+28.250	15.000	425.020	425.266
J	55+38.250	15.000	425.064	425.254
K	55+48.250	15.000	425.088	425.209
L	55+58.250	15.000	425.098	425.142
© Brg. N. Abut.	55+63.750	15.000	425.083	425.083
Bk. of N. Abut.	55+65.000	15.000	425.073	425.073

**TOP OF SLAB ELEVATIONS**  
**FAS 249 (C.H. 17 - YANKEE LANE) OVER CROW CREEK**  
**SECTION 03-00190-00-BR**  
**STA. 55+01 (S.N. 006-3231)**  
**BUREAU COUNTY**  
**PROJECT NO. BRS-249(104)**  
 WHA #119005