

**☉ STRUCTURE &
BONDED STAGE CONSTRUCTION JOINT**

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection
Bk. N. Abut.	48682.254	-0.353	430.035	430.035
☉ Brg. N. Abut.	48683.503	-0.312	430.018	430.018
A	48693.498	-0.032	429.880	429.953
B	48703.496	0.172	429.747	429.893
C	48713.497	0.298	429.619	429.798
D	48723.500	0.348	429.496	429.704
E	48733.502	0.321	429.378	429.565
F	48743.504	0.218	429.264	429.423
G	48753.503	0.037	429.156	429.251
☉ Brg. S. Abut.	48766.497	-0.312	429.022	429.022
Bk. S. Abut.	48767.746	-0.353	429.009	429.009

BEAM 3

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection
Bk. N. Abut.	48682.364	-3.726	430.246	430.246
☉ Brg. N. Abut.	48683.610	-3.685	430.229	430.229
A	48693.579	-3.406	430.092	430.165
B	48703.552	-3.203	429.959	430.105
C	48713.527	-3.077	429.832	430.010
D	48723.503	-3.027	429.709	429.917
E	48733.480	-3.054	429.591	429.778
F	48743.456	-3.157	429.477	429.636
G	48753.429	-3.337	429.369	429.464
☉ Brg. S. Abut.	48766.390	-3.685	429.236	429.236
Bk. S. Abut.	48767.636	-3.726	429.223	429.223

BEAM 2

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection
Bk. N. Abut.	48682.583	-10.472	430.669	430.669
☉ Brg. N. Abut.	48683.823	-10.432	430.651	430.651
A	48693.741	-10.154	430.515	430.588
B	48703.662	-9.952	430.383	430.529
C	48713.586	-9.826	430.256	430.435
D	48723.511	-9.777	430.134	430.342
E	48733.437	-9.804	430.016	430.204
F	48743.361	-9.906	429.904	430.062
G	48753.283	-10.085	429.796	429.891
☉ Brg. S. Abut.	48766.177	-10.432	429.663	429.663
Bk. S. Abut.	48767.417	-10.472	429.651	429.651

BEAM 1

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection
Bk. N. Abut.	48682.800	-17.219	431.091	431.091
☉ Brg. N. Abut.	48684.033	-17.179	431.074	431.074
A	48693.901	-16.902	430.938	431.011
B	48703.771	-16.701	430.807	430.953
C	48713.644	-16.576	430.681	430.859
D	48723.519	-16.527	430.559	430.767
E	48733.393	-16.553	430.442	430.630
F	48743.267	-16.656	430.330	430.488
G	48753.139	-16.834	430.223	430.318
☉ Brg. S. Abut.	48765.967	-17.179	430.091	430.091
Bk. S. Abut.	48767.200	-17.219	430.078	430.078

BEAM 6

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection
Bk. N. Abut.	48681.693	16.513	428.979	428.979
☉ Brg. N. Abut.	48682.958	16.554	428.962	428.962
A	48693.084	16.838	428.822	428.895
B	48703.214	17.044	428.688	428.834
C	48713.346	17.173	428.558	428.737
D	48723.480	17.223	428.433	428.641
E	48733.614	17.196	428.313	428.501
F	48743.747	17.091	428.198	428.357
G	48753.877	16.908	428.088	428.183
☉ Brg. S. Abut.	48767.042	16.554	427.953	427.953
Bk. S. Abut.	48768.307	16.513	427.940	427.940

BEAM 5

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection
Bk. N. Abut.	48681.919	9.767	429.402	429.402
☉ Brg. N. Abut.	48683.178	9.808	429.384	429.384
A	48693.251	10.090	429.245	429.318
B	48703.328	10.295	429.111	429.258
C	48713.407	10.423	428.982	429.161
D	48723.488	10.473	428.858	429.066
E	48733.569	10.446	428.739	428.927
F	48743.649	10.342	428.625	428.783
G	48753.726	10.160	428.515	428.610
☉ Brg. S. Abut.	48766.822	9.808	428.380	428.380
Bk. S. Abut.	48768.081	9.767	428.368	428.368

BEAM 4

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection
Bk. N. Abut.	48682.143	3.021	429.824	429.824
☉ Brg. N. Abut.	48683.395	3.061	429.806	429.806
A	48693.416	3.342	429.668	429.742
B	48703.440	3.546	429.535	429.681
C	48713.467	3.673	429.407	429.586
D	48723.496	3.723	429.283	429.492
E	48733.524	3.696	429.165	429.352
F	48743.552	3.592	429.051	429.209
G	48753.577	3.411	428.942	429.037
☉ Brg. S. Abut.	48766.605	3.061	428.808	428.808
Bk. S. Abut.	48767.857	3.021	428.795	428.795

Work this sheet with sheet 4 of 16.

DESIGNED	Ruben V. Boehler
CHECKED	Tim S. Howard
DRAWN	Nicole L. Darling
CHECKED	Michael D. Cummins

TOP OF SLAB ELEVATIONS

IL ROUTE 127 OVER TRIBUTARY TO CROOKED CREEK
F.A.P. ROUTE 42 SECTION 2BR
WASHINGTON COUNTY
STA. 487+25
S.N. 095-0076

CUMMINS ENGINEERING CORPORATION	JOB #: 2158
	FILE: 2158SLAB
	DATE: 11/12/04