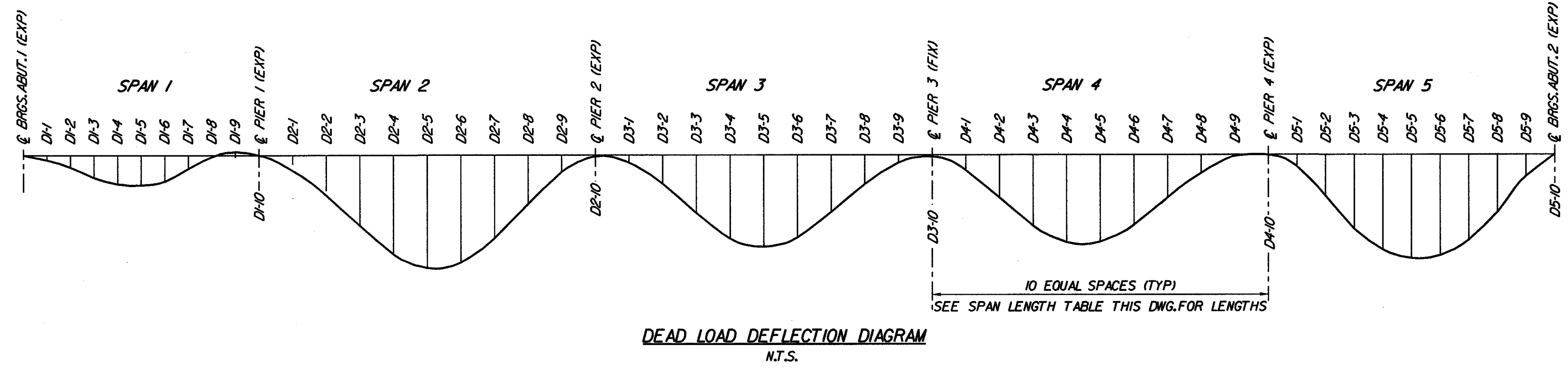


- CAMBER NOTES :**
- CAMBERS ARE TABULATED IN METERS
  - THE TOTAL CAMBER IS THE SUM OF VERTICAL CURVE, STEEL DEAD LOAD, CONCRETE DEAD LOAD, SUPERIMPOSED DEAD LOAD AND RESIDUAL CAMBER. ALL CAMBER OFFSETS ARE MEASURED VERTICALLY TO THE TOP OF WEB FROM A STRAIGHT REFERENCE LINE DRAWN FROM THE INTERSECTION OF TOP OF WEB AND CENTERLINE OF BEARINGS AT ONE END OF GIRDER TO THE CORRESPONDING POINT AT THE OTHER END OF GIRDER.
  - POSITIVE NUMBERS IN THE TABLE ARE ABOVE THE STRAIGHT REFERENCE LINE.
  - NEGATIVE NUMBERS IN THE TABLE ARE BELOW THE STRAIGHT REFERENCE LINE.

**CAMBER DIAGRAM**  
N.T.S.

**CAMBER TABLE**

	€ BRGS ABUT. 1	C1-1	C1-2	C1-3	C1-4	C1-5	C1-6	C1-7	C1-8	C1-9	C1-10	C2-1	C2-2	C2-3	C2-4	C2-5	C2-6	C2-7	C2-8	C2-9	C2-10	C3-1	C3-2	C3-3	C3-4	C3-5	C3-6	C3-7	C3-8	C3-9	C3-10	C4-1	C4-2	C4-3	C4-4	C4-5	C4-6	C4-7	C4-8	C4-9	C4-10	C5-1	C5-2	C5-3	C5-4	C5-5	C5-6	C5-7	C5-8	C5-9	€ BRGS ABUT. 2
G1	0.000	-0.025	-0.056	-0.095	-0.143	-0.199	-0.264	-0.333	-0.404	0.476	-0.543	-0.583	-0.608	-0.659	-0.707	-0.769	-0.844	-0.930	-1.021	-1.106	-1.177	-1.186	-1.181	-1.170	-1.163	-1.168	-1.181	-1.205	-1.235	-1.260	-1.273	-1.224	-1.161	-1.096	-1.034	-0.983	-0.942	-0.910	-0.885	-0.852	-0.805	-0.714	-0.613	-0.507	-0.305	-0.306	-0.220	-0.148	-0.087	-0.042	0.000
G2	0.000	-0.023	-0.054	-0.092	-0.139	-0.197	-0.263	-0.335	-0.408	0.481	-0.548	-0.586	-0.619	-0.655	-0.700	-0.762	-0.836	-0.925	-1.020	-1.108	-1.182	-1.189	-1.181	-1.166	-1.157	-1.158	-1.173	-1.200	-1.233	-1.261	-1.275	-1.224	-1.159	-1.090	-1.026	-0.973	-0.934	-0.906	-0.884	-0.853	-0.807	-0.716	-0.612	-0.501	-0.393	-0.294	-0.208	-0.137	-0.080	-0.037	0.000
G3	0.000	-0.023	-0.054	-0.093	-0.141	-0.199	-0.266	-0.338	-0.411	0.484	-0.553	-0.591	-0.624	-0.660	-0.705	-0.766	-0.840	-0.928	-1.022	-1.110	-1.183	-1.190	-1.181	-1.165	-1.156	-1.157	-1.171	-1.198	-1.231	-1.258	-1.272	-1.221	-1.156	-1.086	-1.022	-0.969	-0.930	-0.901	-0.879	-0.849	-0.803	-0.711	-0.607	-0.496	-0.389	-0.290	-0.204	-0.132	-0.073	-0.027	0.000
G4	0.000	-0.025	-0.057	-0.096	-0.146	-0.204	-0.270	-0.343	-0.416	0.489	-0.558	-0.600	-0.635	-0.672	-0.719	-0.778	-0.852	-0.938	-1.029	-1.116	-1.187	-1.195	-1.187	-1.172	-1.164	-1.165	-1.178	-1.203	-1.235	-1.261	-1.274	-1.223	-1.161	-1.092	-1.030	-0.978	-0.938	-0.908	-0.884	-0.852	-0.806	-0.714	-0.611	-0.503	-0.397	-0.302	-0.217	-0.146	-0.087	-0.040	0.000
G5	0.000	-0.025	-0.057	-0.096	-0.146	-0.204	-0.270	-0.343	-0.416	0.489	-0.558	-0.600	-0.635	-0.672	-0.719	-0.778	-0.852	-0.938	-1.029	-1.116	-1.187	-1.195	-1.187	-1.172	-1.164	-1.165	-1.178	-1.203	-1.235	-1.261	-1.274	-1.223	-1.161	-1.092	-1.030	-0.978	-0.938	-0.908	-0.884	-0.852	-0.806	-0.714	-0.611	-0.503	-0.397	-0.302	-0.217	-0.146	-0.087	-0.040	0.000
G6	0.000	-0.026	-0.058	-0.099	-0.150	-0.209	-0.275	-0.349	-0.424	0.497	-0.567	-0.611	-0.647	-0.682	-0.728	-0.787	-0.860	-0.944	-1.033	-1.119	-1.190	-1.197	-1.188	-1.173	-1.163	-1.164	-1.178	-1.201	-1.233	-1.257	-1.271	-1.220	-1.157	-1.089	-1.029	-0.979	-0.941	-0.913	-0.891	-0.861	-0.808	-0.727	-0.626	-0.519	-0.413	-0.317	-0.229	-0.155	-0.088	-0.039	0.000
G7	0.000	-0.023	-0.054	-0.092	-0.141	-0.198	-0.264	-0.337	-0.410	0.483	-0.551	-0.591	-0.622	-0.654	-0.694	-0.749	-0.819	-0.901	-0.989	-1.073	-1.140	-1.143	-1.130	-1.111	-1.097	-1.094	-1.104	-1.126	-1.155	-1.180	-1.189	-1.135	-1.066	-1.004	-0.949	-0.906	-0.876	-0.856	-0.844	-0.823	-0.787	-0.702	-0.606	-0.505	-0.406	-0.315	-0.236	-0.169	-0.112	-0.064	0.000
G8	0.000	-0.023	-0.054	-0.091	-0.136	-0.192	-0.253	-0.320	-0.390	0.458	-0.524	-0.562	-0.595	-0.625	-0.664	-0.714	-0.777	-0.850	-0.930	-1.003	-1.064	-1.063	-1.047	-1.027	-1.011	-1.005	-1.009	-1.024	-1.044	-1.060	-1.065	-1.008	-0.939	-0.886	-0.840	-0.804	-0.778	-0.761	-0.750	-0.733	-0.700	-0.621	-0.533	-0.478	-0.350	-0.267	-0.193	-0.131	-0.083	-0.038	0.000



- DEFLECTION NOTES :**
- DEAD LOAD DEFLECTIONS AS SHOWN INCLUDES STEEL, DECK CONCRETE, CURB AND RAILING.
  - DEFLECTIONS ARE TABULATED IN METERS

**DEAD LOAD DEFLECTION DIAGRAM**  
N.T.S.

**DEAD LOAD DEFLECTION TABLE**

	€ BRGS ABUT. 1	D1-1	D1-2	D1-3	D1-4	D1-5	D1-6	D1-7	D1-8	D1-9	D1-10	D2-1	D2-2	D2-3	D2-4	D2-5	D2-6	D2-7	D2-8	D2-9	D2-10	D3-1	D3-2	D3-3	D3-4	D3-5	D3-6	D3-7	D3-8	D3-9	D3-10	D4-1	D4-2	D4-3	D4-4	D4-5	D4-6	D4-7	D4-8	D4-9	D4-10	D5-1	D5-2	D5-3	D5-4	D5-5	D5-6	D5-7	D5-8	D5-9	€ BRGS ABUT. 2
G1	0.000	0.014	0.026	0.033	0.034	0.030	0.022	0.012	0.003	-0.002	0.000	0.016	0.042	0.066	0.085	0.090	0.080	0.059	0.032	0.010	0.000	0.005	0.023	0.045	0.063	0.069	0.064	0.048	0.026	0.008	0.000	0.006	0.025	0.046	0.062	0.067	0.061	0.044	0.021	0.004	0.000	0.009	0.027	0.050	0.069	0.084	0.088	0.080	0.062	0.033	0.000
G2	0.000	0.017	0.029	0.038	0.040	0.035	0.026	0.014	0.004	-0.002	0.000	0.019	0.048	0.078	0.099	0.104	0.094	0.069	0.038	0.012	0.000	0.006	0.026	0.053	0.072	0.081	0.075	0.056	0.030	0.009	0.000	0.008	0.029	0.054	0.072	0.079	0.071	0.051	0.024	0.005	0.000	0.010	0.030	0.057	0.082	0.098	0.102	0.093	0.072	0.039	0.000
G3	0.000	0.017	0.029	0.038	0.040	0.035	0.026	0.014	0.004	-0.002	0.000	0.019	0.048	0.078	0.099	0.104	0.094	0.069	0.038	0.012	0.000	0.006	0.026	0.053	0.072	0.081	0.075	0.056	0.030	0.009	0.000	0.008	0.029	0.054	0.072	0.079	0.071	0.051	0.024	0.005	0.000	0.010	0.030	0.057	0.082	0.098	0.102	0.093	0.072	0.039	0.000
G4	0.000	0.016	0.028	0.036	0.037	0.033	0.025	0.013	0.003	-0.002	0.000	0.017	0.044	0.073	0.092	0.098	0.087	0.064	0.036	0.011	0.000	0.005	0.024	0.049	0.068	0.076	0.071	0.053	0.028	0.009	0.000	0.008	0.026	0.050	0.067	0.073	0.065	0.047	0.022	0.005	0.000	0.010	0.029	0.054	0.078	0.092	0.097	0.088	0.068	0.037	0.000
G5	0.000	0.016	0.028	0.036	0.037	0.033	0.025	0.013	0.003	-0.002	0.000	0.017	0.044	0.073	0.092	0.097	0.086	0.064	0.036	0.011	0.000	0.005	0.024	0.049	0.068	0.076	0.071	0.053	0.028	0.009	0.000	0.008	0.026	0.050	0.067	0.073	0.065	0.047	0.022	0.005	0.000	0.010	0.029	0.054	0.078	0.092	0.097	0.088	0.068	0.037	0.000
G6	0.000	0.016	0.028	0.036	0.037	0.033	0.025	0.013	0.003	-0.002	0.000	0.017	0.044	0.073	0.092	0.097	0.086	0.064	0.036	0.011	0.000	0.005	0.024	0.049	0.068	0.076	0.071	0.053	0.028	0.009	0.000	0.008	0.026	0.050	0.067	0.073	0.065	0.047	0.022	0.005	0.000	0.010	0.029	0.054	0.078	0.092	0.097	0.088	0.068	0.037	0.000
G7	0.000	0.017	0.029	0.038	0.040	0.035	0.026	0.014	0.004	-0.002	0.000	0.018	0.047	0.077	0.097	0.103	0.092	0.068	0.038	0.012	0.000	0.006	0.026	0.052	0.072	0.080	0.074	0.056	0.030	0.008	0.000	0.007	0.029	0.054	0.072	0.078	0.070	0.051	0.023	0.005	0.000	0.010	0.030	0.056	0.079	0.094	0.098	0.089	0.068	0.037	0.000
G8	0.000	0.014	0.024	0.031	0.033	0.028	0.021	0.012	0.002	-0.002	0.000	0.015	0.039	0.065	0.082	0.087	0.078	0.058	0.031	0.010	0.000	0.005	0.023	0.045	0.062	0.069	0.064	0.048	0.026	0.008	0.000	0.006	0.024	0.046	0.061	0.066	0.059	0.043	0.020	0.003	0.000	0.009	0.027	0.049	0.070	0.082	0.086	0.079	0.059	0.033	0.000

**SPAN LENGTH TABLE (ALONG CURVE)**

GIRDER	SPAN 1 (m)	SPAN 2 (m)	SPAN 3 (m)	SPAN 4 (m)	SPAN 5 (m)	TOTAL SPAN LENGTH (m)
G1	40.075	57.089	57.072	57.057	47.888	259.181
G2	40.053	57.064	57.051	57.040	47.877	259.085
G3	40.032	57.038	57.031	57.024	47.866	258.991
G4	40.010	57.013	57.010	57.008	47.856	258.897
G5	39.989	56.987	56.990	56.992	47.845	258.803
G6	39.969	56.962	56.970	56.976	47.835	258.712
G7	39.948	56.938	56.950	56.960	47.997	258.793
G8	39.927	56.913	56.930	56.950	48.162	258.882

**STATE OF VERMONT**  
**AGENCY OF TRANSPORTATION**

Town Of **BENNINGTON** Bridge No. **BR700**  
 Highway No. **VT. RTE. 9** Log Sta. **Surv. Sta. 16+800**

**VT. RTE. 9 OVER SILK ROAD AND WALLLOOMSAC RIVER**

**CAMBER DIAGRAM & DEAD LOAD DEFLECTIONS**

Designed By **D. VIEN** Drawn by **B. WEATHERBY**  
 Checked By **M. SCARDINO** Date **6/00** Bridge Design Supervisor **M.W. OLSTAD** Date **9/00**

PROJECT **BENNINGTON-HOOSICK** PROJECT NO. **D.P.J. 0146(I) C/4**

I.G.C. Info. **Bridge Sheet No. BR727** Sheet **210** OF **385**