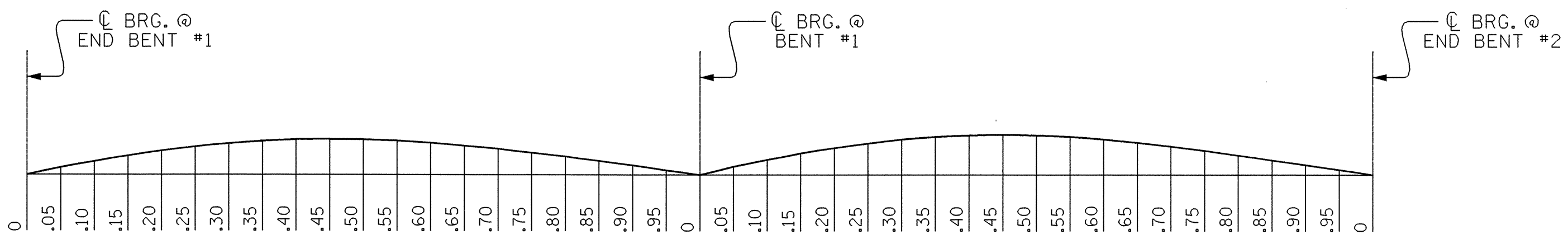
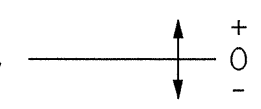


DEAD LOAD DEFLECTION TABLE FOR GIRDERS																																										
	SPAN A																	SPAN B																								
	GIRDER 1																	GIRDER 1																								
TWENTIETH POINTS	0	.05	.10	.15	.20	.25	.30	.35	.40	.45	.50	.55	.60	.65	.70	.75	.80	.85	.90	.95	0	0	.05	.10	.15	.20	.25	.30	.35	.40	.45	.50	.55	.60	.65	.70	.75	.80	.85	.90	.95	0
DEFLECTION DUE TO WEIGHT OF GIRDER	0.000	-0.013	-0.025	-0.035	-0.045	-0.052	-0.058	-0.061	-0.062	-0.061	-0.058	-0.053	-0.047	-0.040	-0.032	-0.025	-0.017	-0.011	-0.006	-0.002	0.000	0.000	-0.001	-0.003	-0.007	-0.012	-0.018	-0.024	-0.030	-0.036	-0.042	-0.046	-0.049	-0.050	-0.050	-0.047	-0.043	-0.037	-0.029	-0.020	-0.010	0.000
DEFLECTION DUE TO WEIGHT OF SLAB *	0.000	-0.027	-0.053	-0.077	-0.097	-0.113	-0.125	-0.132	-0.135	-0.133	-0.126	-0.116	-0.102	-0.087	-0.070	-0.054	-0.038	-0.024	-0.013	-0.004	0.000	0.000	-0.001	-0.006	-0.014	-0.024	-0.036	-0.049	-0.062	-0.075	-0.087	-0.096	-0.102	-0.105	-0.104	-0.099	-0.090	-0.077	-0.061	-0.042	-0.022	0.000
DEFLECTION DUE TO WEIGHT OF BARRIER RAIL	0.000	-0.004	-0.008	-0.011	-0.014	-0.016	-0.018	-0.019	-0.019	-0.019	-0.018	-0.017	-0.015	-0.013	-0.011	-0.008	-0.006	-0.004	-0.002	-0.001	0.000	0.000	0.000	-0.001	-0.002	-0.004	-0.006	-0.008	-0.010	-0.011	-0.013	-0.014	-0.015	-0.015	-0.014	-0.013	-0.011	-0.009	-0.006	-0.003	0.000	
TOTAL DEAD LOAD DEFLECTION	0.000	-0.044	-0.085	-0.123	-0.155	-0.182	-0.201	-0.212	-0.216	-0.213	-0.202	-0.186	-0.164	-0.139	-0.113	-0.086	-0.061	-0.039	-0.020	-0.006	0.000	0.000	-0.001	-0.010	-0.023	-0.040	-0.059	-0.080	-0.102	-0.123	-0.141	-0.156	-0.166	-0.170	-0.168	-0.160	-0.145	-0.125	-0.099	-0.069	-0.035	0.000
VERTICAL CURVE ORDINATE	0.000	+0.063	+0.120	+0.169	+0.212	+0.249	+0.279	+0.302	+0.319	+0.329	+0.332	+0.329	+0.319	+0.302	+0.279	+0.249	+0.212	+0.169	+0.120	+0.063	0.000	0.000	+0.059	+0.112	+0.158	+0.198	+0.232	+0.260	+0.282	+0.297	+0.306	+0.309	+0.306	+0.296	+0.281	+0.259	+0.230	+0.196	+0.155	+0.109	+0.055	0.000
REQUIRED CAMBER	0	+1/4"	+2 1/16"	+3 1/2"	+4 7/16"	+5 3/16"	+5 3/4"	+6 3/16"	+6 7/16"	+6 1/2"	+6 7/16"	+6 3/16"	+5 13/16"	+5 5/16"	+4 11/16"	+4"	+3 5/16"	+2 1/2"	+1 11/16"	+1 3/16"	0	0	+3/4"	+1 7/16"	+2 3/16"	+2 7/8"	+3 1/2"	+4 1/16"	+4 5/8"	+5 1/16"	+5 3/8"	+5 5/16"	+5 11/16"	+5 5/8"	+5 3/16"	+5"	+4 1/2"	+3 7/8"	+3 1/16"	+2 1/8"	+1 1/16"	0

DEAD LOAD DEFLECTION TABLE FOR GIRDERS																																										
	SPAN A																	SPAN B																								
	GIRDERS 2 & 3																	GIRDERS 2 & 3																								
TWENTIETH POINTS	0	.05	.10	.15	.20	.25	.30	.35	.40	.45	.50	.55	.60	.65	.70	.75	.80	.85	.90	.95	0	0	.05	.10	.15	.20	.25	.30	.35	.40	.45	.50	.55	.60	.65	.70	.75	.80	.85	.90	.95	0
DEFLECTION DUE TO WEIGHT OF GIRDER	0.000	-0.013	-0.025	-0.035	-0.045	-0.052	-0.058	-0.061	-0.062	-0.061	-0.058	-0.053	-0.047	-0.040	-0.032	-0.025	-0.017	-0.011	-0.006	-0.002	0.000	0.000	-0.001	-0.003	-0.007	-0.012	-0.018	-0.024	-0.030	-0.036	-0.042	-0.046	-0.049	-0.050	-0.050	-0.047	-0.043	-0.037	-0.029	-0.020	-0.010	0.000
DEFLECTION DUE TO WEIGHT OF SLAB *	0.000	-0.042	-0.083	-0.119	-0.151	-0.176	-0.195	-0.206	-0.210	-0.206	-0.196	-0.180	-0.159	-0.135	-0.109	-0.084	-0.060	-0.038	-0.020	-0.006	0.000	0.000	-0.001	-0.009	-0.021	-0.037	-0.056	-0.076	-0.097	-0.117	-0.135	-0.149	-0.159	-0.163	-0.161	-0.154	-0.140	-0.120	-0.095	-0.066	-0.034	0.000
DEFLECTION DUE TO WEIGHT OF BARRIER RAIL	0.000	-0.004	-0.007	-0.011	-0.013	-0.016	-0.017	-0.019	-0.019	-0.019	-0.018	-0.017	-0.015	-0.013	-0.010	-0.008	-0.006	-0.004	-0.002	-0.001	0.000	0.000	0.000	-0.001	-0.002	-0.004	-0.005	-0.007	-0.009	-0.011	-0.013	-0.014	-0.015	-0.015	-0.014	-0.013	-0.011	-0.009	-0.006	-0.003	0.000	
TOTAL DEAD LOAD DEFLECTION	0.000	-0.059	-0.115	-0.165	-0.209	-0.244	-0.270	-0.286	-0.291	-0.286	-0.272	-0.250	-0.221	-0.187	-0.152	-0.116	-0.082	-0.052	-0.027	-0.009	0.000	0.000	-0.002	-0.013	-0.030	-0.053	-0.079	-0.107	-0.136	-0.164	-0.189	-0.209	-0.222	-0.228	-0.226	-0.215	-0.195	-0.168	-0.133	-0.092	-0.047	0.000
VERTICAL CURVE ORDINATE	0.000	+0.063	+0.120	+0.169	+0.212	+0.249	+0.279	+0.302	+0.319	+0.329	+0.332	+0.329	+0.319	+0.302	+0.279	+0.249	+0.212	+0.169	+0.120	+0.063	0.000	0.000	+0.058	+0.110	+0.156	+0.195	+0.228	+0.255	+0.276	+0.290	+0.299	+0.301	+0.297	+0.286	+0.270	+0.247	+0.218	+0.183	+0.141	+0.095	+0.048	0.000
REQUIRED CAMBER	0	+1 1/16"	+2 13/16"	+4"	+5 1/16"	+5 5/16"	+6 3/16"	+7 1/16"	+7 9/16"	+7 3/8"	+7 1/4"	+6 15/16"	+6 1/2"	+5 3/8"	+5 3/16"	+4 3/8"	+3 9/16"	+2 11/16"	+1 3/4"	+7/8"	0	0	+3/4"	+1 1/2"	+2 1/4"	+3"	+3 1/16"	+4 3/8"	+4 15/16"	+5 1/16"	+5 7/8"	+6 1/8"	+6 1/4"	+6 3/16"	+5 15/16"	+5 9/16"	+4 15/16"	+4 3/16"	+3 5/16"	+2 1/4"	+1 1/8"	0

DEAD LOAD DEFLECTION TABLE FOR GIRDERS																																										
	SPAN A																	SPAN B																								
	GIRDER 4																	GIRDER 4																								
TWENTIETH POINTS	0	.05	.10	.15	.20	.25	.30	.35	.40	.45	.50	.55	.60	.65	.70	.75	.80	.85	.90	.95	0	0	.05	.10	.15	.20	.25	.30	.35	.40	.45	.50	.55	.60	.65	.70	.75	.80	.85	.90	.95	0
DEFLECTION DUE TO WEIGHT OF GIRDER	0.000	-0.013	-0.025	-0.035	-0.045	-0.052	-0.058	-0.061	-0.062	-0.061	-0.058	-0.053	-0.047	-0.040	-0.032	-0.025	-0.017	-0.011	-0.006	-0.002	0.000	0.000	-0.001	-0.003	-0.007	-0.012	-0.018	-0.024	-0.030	-0.036	-0.042	-0.046	-0.049	-0.050	-0.050	-0.047	-0.043	-0.037	-0.029	-0.020	-0.010	0.000
DEFLECTION DUE TO WEIGHT OF SLAB *	0.000	-0.042	-0.083	-0.119	-0.151	-0.176	-0.195	-0.206	-0.210	-0.206	-0.196	-0.180	-0.159	-0.135	-0.109	-0.084	-0.060	-0.038	-0.020	-0.006	0.000	0.000	-0.001	-0.009	-0.021	-0.037	-0.056	-0.076	-0.097	-0.117	-0.135	-0.149	-0.159	-0.163	-0.161	-0.154	-0.140	-0.120	-0.095	-0.066	-0.034	0.000
DEFLECTION DUE TO WEIGHT OF BARRIER RAIL	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	
TOTAL DEAD LOAD DEFLECTION	0.000	-0.055	-0.107	-0.155	-0.196	-0.229	-0.253	-0.267	-0.272	-0.267	-0.254	-0.233	-0.206	-0.175	-0.141	-0.108	-0.077	-0.049	-0.025	-0.008	0.000	0.000	-0.002	-0.012	-0.028	-0.049	-0.074	-0.100	-0.127	-0.153	-0.176	-0.195	-0.208	-0.213	-0.211	-0.201	-0.182	-0.157	-0.124	-0.086	-0.044	0.000
VERTICAL CURVE ORDINATE	0.000	+0.063	+0.120	+0.169	+0.212	+0.249	+0.279	+0.302	+0.319	+0.329	+0.332	+0.329	+0.319	+0.302	+0.279	+0.249	+0.212	+0.169	+0.120	+0.063	0.000	0.000	+0.057	+0.107	+0.152	+0.190	+0.221	+0.247	+0.266	+0.279	+0.286	+0.287	+0.282	+0.270	+0.252	+0.228	+0.197	+0.161	+0.121	+0.080	+0.040	0.000
REQUIRED CAMBER	0	+1 7/16"	+2 3/4"	+3 3/8"	+4 7/8"	+5 3/4"	+6 3/16"	+6 13/16"	+7 1/16"	+7 1/8"	+7 1/16"	+6 3/4"	+6 5/16"	+5 3/4"	+5 1/16"	+4 5/8"	+3 1/2"	+2 5/8"	+1 3/4"	+7/8"	0	0	+1 1/16"	+1 7/16"	+2 1/8"	+2 7/8"	+3 3/16"	+4 3/16"	+4 11/16"	+5 3/16"	+5 5/16"	+5 13/16"	+5 7/8"	+5 13/16"	+5 9/16"	+5 1/8"	+4 9/16"	+3 13/16"	+2 15/16"	+2"	+1"	0

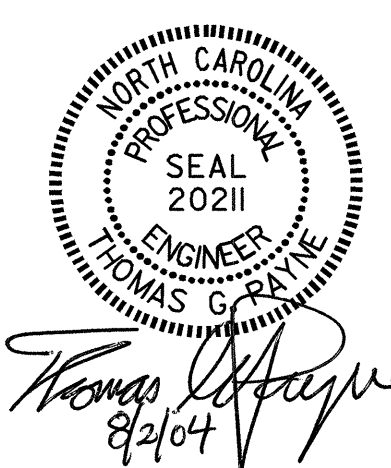
* INCLUDES SLAB, BUILDUPS & STAY-IN-PLACE FORMS.
 ALL VALUES ARE SHOWN IN FEET (DECIMAL FORM), EXCEPT "REQUIRED CAMBER", WHICH IS GIVEN IN INCHES (FRACTION FORM).
 DEFLECTIONS ARE TAKEN AT TWENTIETH POINTS BETWEEN BEARINGS.
 SIGN CONVENTION FOR DEAD LOAD DEFLECTION TABLES



SCHEMATIC CAMBER ORDINATES

PROJECT NO. I-2102
FORSYTH COUNTY
 STATION: 20+71.54 -L-

SHEET 1 OF 3



STATE OF NORTH CAROLINA
 DEPARTMENT OF TRANSPORTATION
 RALEIGH

SUPERSTRUCTURE
 DEAD LOAD
 DEFLECTIONS

REVISIONS						SHEET NO.
NO.	BY:	DATE:	NO.	BY:	DATE:	S-17
1			3			TOTAL SHEETS 51
2			4			

DRAWN BY: J.P. ADAMS DATE: 8/21/03
 CHECKED BY: S.H. SOCKWELL DATE: 10/3/03