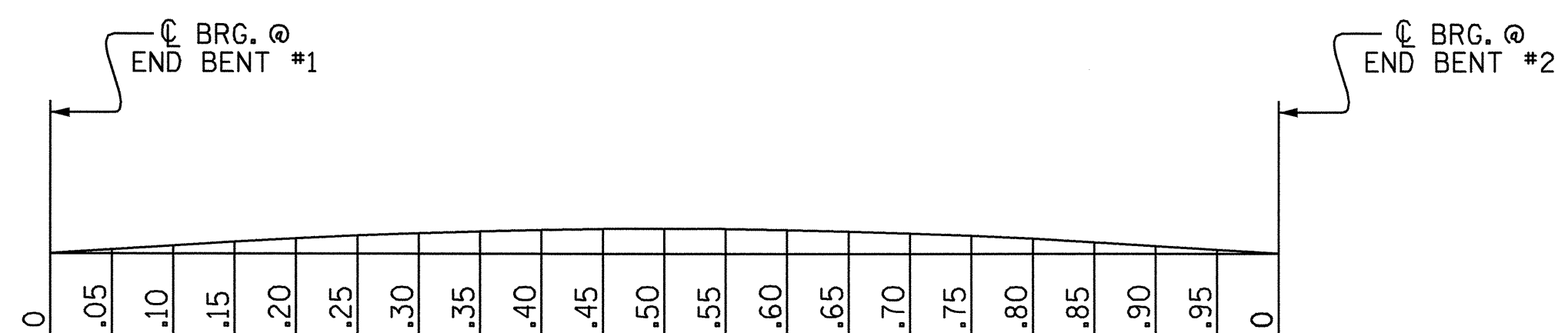


DEAD LOAD DEFLECTION TABLE FOR GIRDERS																					
TWENTIETH POINTS	SPAN A																				
	EXTERIOR GIRDERS A1 & A5																				
	0	.05	.1	.15	.2	.25	.3	.35	.4	.45	.5	.55	.6	.65	.7	.75	.8	.85	.9	.95	0
DEFLECTION DUE TO WEIGHT OF GIRDER	0	-0.023	-0.045	-0.065	-0.084	-0.101	-0.115	-0.127	-0.135	-0.140	-0.142	-0.140	-0.135	-0.127	-0.115	-0.101	-0.084	-0.065	-0.045	-0.023	0
*DEFLECTION DUE TO WEIGHT OF SLAB	0	-0.038	-0.076	-0.111	-0.143	-0.172	-0.196	-0.215	-0.230	-0.238	-0.241	-0.238	-0.230	-0.215	-0.196	-0.172	-0.143	-0.111	-0.076	-0.038	0
DEFLECTION DUE TO WEIGHT OF BARRIER RAIL	0	-0.005	-0.009	-0.013	-0.017	-0.020	-0.023	-0.025	-0.027	-0.028	-0.028	-0.028	-0.027	-0.025	-0.023	-0.020	-0.017	-0.013	-0.009	-0.005	0
TOTAL DEAD LOAD DEFLECTION	0	+0.066	+0.129	+0.189	+0.244	+0.293	+0.334	+0.367	+0.391	+0.406	+0.411	+0.406	+0.391	+0.367	+0.334	+0.293	+0.244	+0.189	+0.129	+0.066	0
VERTICAL CURVE ORDINATE	0	+0.039	+0.073	+0.104	+0.131	+0.153	+0.171	+0.186	+0.196	+0.202	+0.204	+0.202	+0.196	+0.186	+0.171	+0.153	+0.131	+0.104	+0.073	+0.039	0
REQUIRED CAMBER	0	+1/4"	+2 7/16"	+3 1/2"	+4 1/2"	+5 3/8"	+6 1/16"	+6 5/8"	+7 1/16"	+7 5/16"	+7 3/8"	+7 5/16"	+7 1/16"	+6 5/8"	+6 1/16"	+5 3/8"	+4 1/2"	+3 1/2"	+2 7/16"	+1 1/4"	0

DEAD LOAD DEFLECTION TABLE FOR GIRDERS																					
TWENTIETH POINTS	SPAN A																				
	INTERIOR GIRDERS A2 THRU A4																				
	0	.05	.1	.15	.2	.25	.3	.35	.4	.45	.5	.55	.6	.65	.7	.75	.8	.85	.9	.95	0
DEFLECTION DUE TO WEIGHT OF GIRDER	0	-0.023	-0.045	-0.065	-0.084	-0.101	-0.115	-0.127	-0.135	-0.140	-0.142	-0.140	-0.135	-0.127	-0.115	-0.101	-0.084	-0.065	-0.045	-0.023	0
*DEFLECTION DUE TO WEIGHT OF SLAB	0	-0.038	-0.074	-0.109	-0.140	-0.168	-0.192	-0.211	-0.225	-0.234	-0.236	-0.234	-0.225	-0.211	-0.192	-0.168	-0.140	-0.109	-0.074	-0.038	0
DEFLECTION DUE TO WEIGHT OF BARRIER RAIL	0	-0.004	-0.009	-0.013	-0.017	-0.020	-0.023	-0.025	-0.026	-0.027	-0.028	-0.027	-0.026	-0.025	-0.023	-0.020	-0.017	-0.013	-0.009	-0.004	0
TOTAL DEAD LOAD DEFLECTION	0	+0.065	+0.128	+0.187	+0.241	+0.289	+0.330	+0.363	+0.386	+0.401	+0.406	+0.401	+0.386	+0.363	+0.330	+0.289	+0.241	+0.187	+0.128	+0.065	0
VERTICAL CURVE ORDINATE	0	+0.039	+0.073	+0.104	+0.131	+0.153	+0.171	+0.186	+0.196	+0.202	+0.204	+0.202	+0.196	+0.186	+0.171	+0.153	+0.131	+0.104	+0.073	+0.039	0
REQUIRED CAMBER	0	+1/4"	+2 3/8"	+3 1/2"	+4 1/16"	+5 5/16"	+6"	+6 1/16"	+7"	+7 1/4"	+7 5/16"	+7 1/4"	+7"	+6 1/16"	+6"	+5 5/16"	+4 7/16"	+3 1/2"	+2 3/8"	+1 1/4"	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 



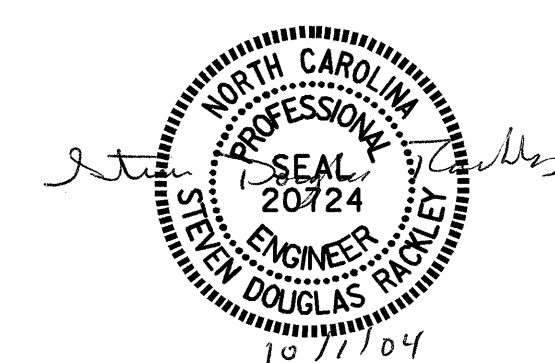
SCHEMATIC CAMBER ORDINATES

PROJECT NO. R-2911D
ROWAN COUNTY
 STATION: 231+17.87 -L-
14+25.15 -Y8-

STATE OF NORTH CAROLINA
 DEPARTMENT OF TRANSPORTATION
 RALEIGH

SUPERSTRUCTURE

DEAD LOAD DEFLECTIONS
 (RIGHT LANE)



DRAWN BY: M.K. BEARD DATE: 05/15/04
 CHECKED BY: J.P. ADAMS DATE: 05/25/04

REVISIONS						SHEET NO.	
NO.	BY:	DATE:	NO.	BY:	DATE:	S-38	
1			3			TOTAL SHEETS	120
2			4				