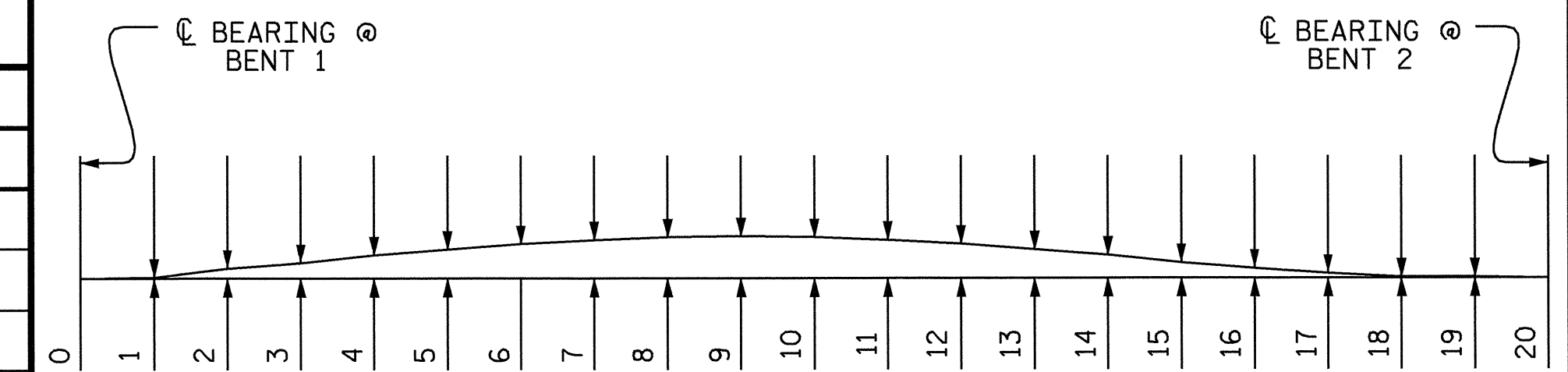


DEAD LOAD DEFLECTION TABLE FOR GIRDERS																					
	SPAN B																				
	GIRDER 1																				
	TWENTIETH POINTS	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
DEFLECTION DUE TO WEIGHT OF GIRDER	0	0.000	0.001	0.002	0.003	0.004	0.005	0.006	0.007	0.008	0.008	0.008	0.008	0.007	0.006	0.004	0.003	0.002	0.001	0.000	0
DEFLECTION DUE TO WEIGHT OF SLAB *	0	0.000	0.002	0.005	0.010	0.015	0.020	0.024	0.028	0.029	0.031	0.030	0.029	0.025	0.021	0.017	0.012	0.008	0.004	0.001	0
DEFLECTION DUE TO WEIGHT OF BARRIER RAIL	0	0.000	0.001	0.002	0.003	0.004	0.005	0.007	0.007	0.008	0.008	0.008	0.007	0.007	0.006	0.005	0.004	0.002	0.001	0.001	0
TOTAL DEAD LOAD DEFLECTION	0	0.000	0.004	0.009	0.016	0.023	0.030	0.034	0.042	0.045	0.047	0.046	0.044	0.039	0.033	0.026	0.019	0.012	0.006	0.002	0
VERTICAL CURVE ORDINATE	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
REQUIRED CAMBER	0	0	4	9	16	23	30	37	42	45	47	46	44	39	33	27	19	12	6	2	0



SCHEMATIC CAMBER ORDINATES
SLOPE FOR ZERO CAMBER BASE LINE VARIES.

DEAD LOAD DEFLECTION TABLE FOR GIRDERS																					
	SPAN B																				
	GIRDER 2																				
	TWENTIETH POINTS	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
DEFLECTION DUE TO WEIGHT OF GIRDER	0	0.000	0.001	0.002	0.003	0.004	0.005	0.006	0.007	0.008	0.008	0.008	0.007	0.006	0.005	0.004	0.003	0.002	0.001	0.000	0
DEFLECTION DUE TO WEIGHT OF SLAB *	0	0.001	0.003	0.007	0.011	0.016	0.019	0.025	0.028	0.030	0.030	0.029	0.028	0.026	0.021	0.017	0.012	0.007	0.004	0.001	0
DEFLECTION DUE TO WEIGHT OF BARRIER RAIL	0	0.000	0.001	0.002	0.003	0.004	0.005	0.006	0.007	0.007	0.008	0.008	0.007	0.006	0.006	0.004	0.003	0.002	0.001	0.000	0
TOTAL DEAD LOAD DEFLECTION	0	0.001	0.005	0.011	0.017	0.024	0.031	0.037	0.042	0.045	0.046	0.045	0.042	0.038	0.032	0.025	0.018	0.011	0.006	0.001	0
VERTICAL CURVE ORDINATE	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
REQUIRED CAMBER	0	1	5	11	17	24	31	37	42	45	46	45	42	38	32	25	18	11	6	1	0

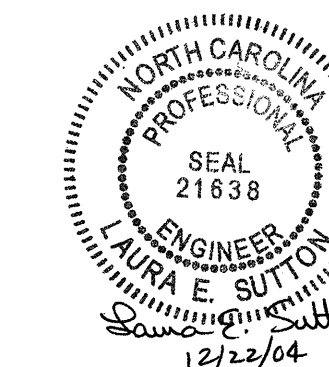
DEAD LOAD DEFLECTION TABLE FOR GIRDERS																					
	SPAN B																				
	GIRDER 3																				
	TWENTIETH POINTS	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
DEFLECTION DUE TO WEIGHT OF GIRDER	0	0.000	0.001	0.002	0.003	0.004	0.005	0.006	0.007	0.008	0.008	0.008	0.007	0.006	0.005	0.004	0.003	0.002	0.001	0.000	0
DEFLECTION DUE TO WEIGHT OF SLAB *	0	0.001	0.003	0.007	0.012	0.017	0.021	0.026	0.028	0.030	0.030	0.030	0.028	0.025	0.021	0.016	0.011	0.007	0.003	0.001	0
DEFLECTION DUE TO WEIGHT OF BARRIER RAIL	0	0.000	0.001	0.002	0.003	0.004	0.006	0.006	0.007	0.007	0.008	0.007	0.007	0.006	0.005	0.004	0.003	0.002	0.001	0.000	0
TOTAL DEAD LOAD DEFLECTION	0	0.001	0.005	0.011	0.018	0.025	0.032	0.038	0.042	0.045	0.046	0.045	0.042	0.037	0.031	0.024	0.017	0.011	0.005	0.001	0
VERTICAL CURVE ORDINATE	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
REQUIRED CAMBER	0	1	5	11	18	25	32	38	42	45	46	45	42	37	31	24	17	11	5	1	0

DEAD LOAD DEFLECTION TABLE FOR GIRDERS																					
	SPAN B																				
	GIRDER 4																				
	TWENTIETH POINTS	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
DEFLECTION DUE TO WEIGHT OF GIRDER	0	0.000	0.001	0.002	0.003	0.004	0.006	0.007	0.007	0.008	0.008	0.008	0.007	0.006	0.005	0.004	0.003	0.002	0.001	0.000	0
DEFLECTION DUE TO WEIGHT OF SLAB *	0	0.002	0.004	0.008	0.013	0.017	0.021	0.025	0.029	0.029	0.030	0.029	0.027	0.024	0.020	0.015	0.010	0.005	0.002	0.000	0
DEFLECTION DUE TO WEIGHT OF BARRIER RAIL	0	0.000	0.001	0.002	0.003	0.005	0.006	0.007	0.007	0.008	0.008	0.007	0.007	0.006	0.005	0.004	0.003	0.002	0.001	0.000	0
TOTAL DEAD LOAD DEFLECTION	0	0.002	0.006	0.012	0.019	0.026	0.033	0.039	0.043	0.045	0.046	0.044	0.041	0.036	0.030	0.023	0.016	0.009	0.004	0.000	0
VERTICAL CURVE ORDINATE	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
REQUIRED CAMBER	0	2	6	12	19	26	33	39	43	45	46	44	41	36	30	23	16	9	4	0	0

* INCLUDES SLAB, BUILDUPS & STAY-IN-PLACE FORMS.
ALL VALUES ARE SHOWN IN METERS, EXCEPT "FINAL CAMBER" WHICH IS SHOWN IN MILLIMETERS.
THERE IS NO CAMBER DISSIPATION DUE TO HEAT CURVING.

DRAWN BY : B.N.BARODAWALA DATE : 10-12-04
CHECKED BY : MIKE ALLEN DATE : 10-04

21-DEC-2004 07:31
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PROJECT NO. R0977A
CHEROKEE COUNTY
STATION: 41+19.524-LREV-

SHEET 2 OF 3

STATE OF NORTH CAROLINA
DEPARTMENT OF TRANSPORTATION
RALEIGH
SUPERSTRUCTURE
DEAD LOAD
DEFLECTION TABLES
SPAN B

REVISIONS						SHEET NO.
NO.	BY:	DATE:	NO.	BY:	DATE:	S-143
1			3			TOTAL SHEETS
2			4			230

STR. #4