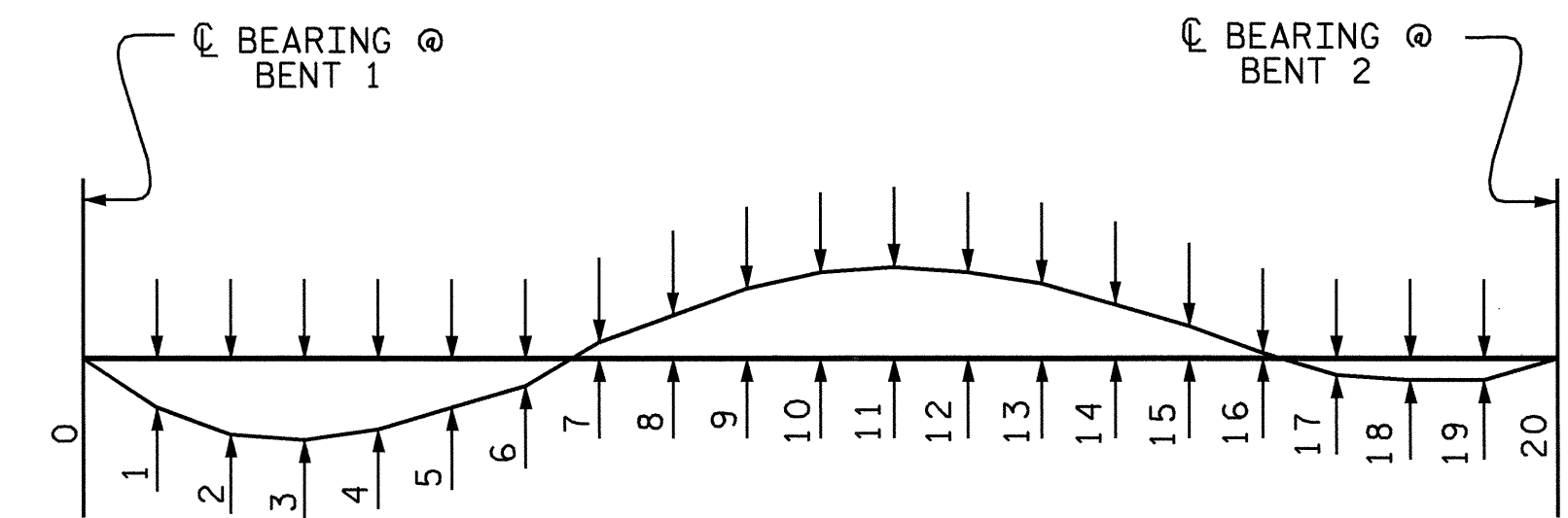


DEAD LOAD DEFLECTION TABLE FOR GIRDERS																					
	SPAN B																				
	GIRDER 1																				
TWENTIETH POINTS	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
DEFLECTION DUE TO WEIGHT OF GIRDER	0.000	-0.002	-0.003	-0.004	-0.004	-0.003	-0.002	0.000	0.001	0.002	0.003	0.003	0.003	0.003	0.002	0.001	0.000	-0.001	-0.001	-0.001	0.000
DEFLECTION DUE TO WEIGHT OF SLAB *	0.000	-0.006	-0.010	-0.010	-0.009	-0.009	-0.003	0.002	0.006	0.009	0.011	0.012	0.011	0.010	0.007	0.004	0.001	-0.002	-0.003	-0.003	0.000
DEFLECTION DUE TO WEIGHT OF BARRIER RAIL	0.000	-0.001	-0.001	-0.001	0.000	0.000	0.000	0.001	0.001	0.002	0.002	0.002	0.002	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000
TOTAL DEAD LOAD DEFLECTION	0.000	-0.009	-0.014	-0.015	-0.013	-0.009	-0.005	0.003	0.008	0.013	0.016	0.017	0.016	0.014	0.010	0.006	0.001	-0.003	-0.004	-0.004	0.000
REQUIRED CAMBER	0	-9	-14	-15	-13	-9	-5	3	8	13	16	17	16	14	10	6	1	-3	-4	-4	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	20
DEFLECTION DUE TO WEIGHT OF GIRDER	0.000	-0.002	-0.003	-0.003	-0.003	-0.002	-0.001	0.001	0.002	0.003	0.004	0.004	0.004	0.003	0.003	0.002	0.001	0.000	-0.001	-0.001	0.000
DEFLECTION DUE TO WEIGHT OF SLAB *	0.000	-0.005	-0.008	-0.009	-0.007	-0.004	0.000	0.004	0.008	0.011	0.013	0.014	0.013	0.011	0.008	0.005	0.002	-0.001	-0.003	-0.002	0.000
DEFLECTION DUE TO WEIGHT OF BARRIER RAIL	0.000	0.000	-0.001	-0.001	0.000	0.000	0.001	0.001	0.001	0.002	0.002	0.002	0.002	0.002	0.001	0.001	0.001	0.000	0.000	0.000	0.000
TOTAL DEAD LOAD DEFLECTION	0.000	-0.007	-0.012	-0.013	-0.010	-0.006	0.000	0.006	0.011	0.016	0.019	0.020	0.019	0.016	0.012	0.008	0.004	-0.001	-0.004	-0.003	0.000
REQUIRED CAMBER	0	-7	-12	-13	-10	-6	0	6	11	16	19	20	19	16	12	8	4	-1	-4	-3	0

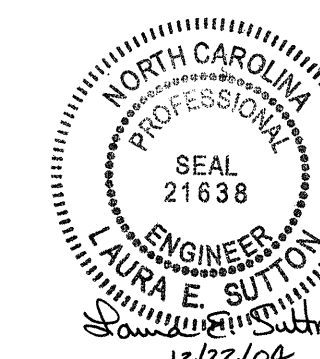
DEAD LOAD DEFLECTION TABLE FOR GIRDERS																					
	SPAN B																				
	GIRDER 3																				
TWENTIETH POINTS	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
DEFLECTION DUE TO WEIGHT OF GIRDER	0.000	-0.002	-0.003	-0.003	-0.002	-0.001	0.000	0.001	0.003	0.004	0.004	0.005	0.004	0.004	0.003	0.002	0.001	0.000	-0.001	-0.001	0.000
DEFLECTION DUE TO WEIGHT OF SLAB *	0.000	-0.005	-0.007	-0.007	-0.005	-0.002	0.002	0.006	0.010	0.013	0.015	0.015	0.015	0.013	0.010	0.006	0.003	0.000	-0.002	-0.002	0.000
DEFLECTION DUE TO WEIGHT OF BARRIER RAIL	0.000	0.000	-0.001	0.000	0.000	0.000	0.001	0.001	0.002	0.002	0.002	0.002	0.002	0.002	0.001	0.001	0.001	0.000	0.000	0.000	0.000
TOTAL DEAD LOAD DEFLECTION	0.000	-0.007	-0.011	-0.010	-0.007	-0.003	0.003	0.008	0.015	0.019	0.021	0.022	0.021	0.019	0.014	0.009	0.005	0.000	-0.003	-0.003	0.000
REQUIRED CAMBER	0	-7	-11	-10	-7	-3	3	8	15	19	21	22	21	19	14	9	5	0	-3	-3	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	20
DEFLECTION DUE TO WEIGHT OF GIRDER	0.000	-0.002	-0.002	-0.002	-0.002	0.000	0.001	0.002	0.004	0.004	0.005	0.005	0.005	0.004	0.003	0.002	0.001	0.000	-0.001	-0.001	0.000
DEFLECTION DUE TO WEIGHT OF SLAB *	0.000	-0.004	-0.006	-0.005	-0.003	0.000	0.004	0.009	0.012	0.015	0.017	0.017	0.016	0.014	0.011	0.007	0.003	0.000	-0.002	-0.002	0.000
DEFLECTION DUE TO WEIGHT OF BARRIER RAIL	0.000	0.000	0.000	0.000	0.000	0.001	0.001	0.001	0.002	0.002	0.002	0.002	0.002	0.002	0.001	0.001	0.001	0.000	0.000	0.000	0.000
TOTAL DEAD LOAD DEFLECTION	0.000	-0.006	-0.008	-0.007	-0.005	0.001	0.006	0.012	0.018	0.021	0.024	0.024	0.023	0.020	0.015	0.010	0.005	0.000	-0.003	-0.003	0.000
REQUIRED CAMBER	0	-6	-8	-7	-5	1	6	12	18	21	24	24	23	20	15	10	5	0	-3	-3	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.

PROJECT NO. R0977A  
CHEROKEE COUNTY  
STATION: 68+58.000-LREV-

SHEET 2 OF 4



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-197
1			3			TOTAL SHEETS 250
2			4			

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

21-DEC-2004 15:14  
W:\SquadL\r0977a\str5\barodawala\R0977A\_sd\_DL\_05.dgn  
lsutton

STR. #5