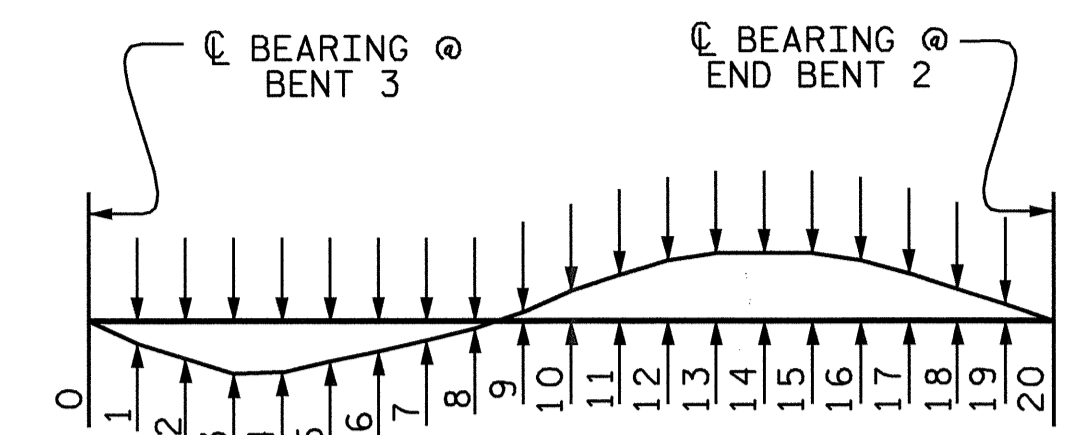


DEAD LOAD DEFLECTION TABLE FOR GIRDERS																					
	SPAN D																				
	GIRDER 1																				
TWENTIETH POINTS	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
DEFLECTION DUE TO WEIGHT OF GIRDER	0.000	-0.001	-0.001	-0.002	-0.002	-0.001	-0.001	-0.001	0.000	0.000	0.001	0.001	0.002	0.002	0.002	0.002	0.002	0.001	0.001	0.001	0.000
DEFLECTION DUE TO WEIGHT OF SLAB *	0.000	-0.002	-0.004	-0.005	-0.005	-0.004	-0.003	-0.002	-0.001	0.001	0.003	0.004	0.005	0.006	0.006	0.006	0.005	0.004	0.003	0.002	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	0.001	0.001	0.001	0.001	0.000	0.000	0.000	0.000	0.000
TOTAL DEAD LOAD DEFLECTION	0.000	-0.003	-0.005	-0.007	-0.007	-0.005	-0.004	-0.003	-0.001	0.001	0.004	0.005	0.008	0.009	0.009	0.009	0.008	0.005	0.004	0.003	0.000
REQUIRED CAMBER	0	-3	-5	-7	-7	-5	-4	-3	-1	1	4	5	8	9	9	9	8	5	4	3	0



SCHEMATIC CAMBER ORDINATES

SLOPE FOR ZERO CAMBER BASE LINE VARIES.

DEAD LOAD DEFLECTION TABLE FOR GIRDERS																					
	SPAN D																				
	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	-0.001	-0.001	-0.001	-0.001	-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
DEFLECTION DUE TO WEIGHT OF SLAB *	0.000	-0.002	-0.004	-0.004	-0.004	-0.004	-0.002	-0.001	0.000	0.002	0.003	0.005	0.005	0.006	0.006	0.006	0.006	0.005	0.003	0.002	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	0.001	0.001	0.001	0.001	0.001	0.001	0.000	0.000	0.000	0.000
TOTAL DEAD LOAD DEFLECTION	0.000	-0.003	-0.005	-0.005	-0.005	-0.005	-0.003	-0.001	0.000	0.003	0.004	0.007	0.008	0.009	0.009	0.009	0.009	0.006	0.004	0.003	0.000
REQUIRED CAMBER	0	-3	-5	-5	-5	-5	-3	-1	0	3	4	7	8	9	9	9	9	6	4	3	0

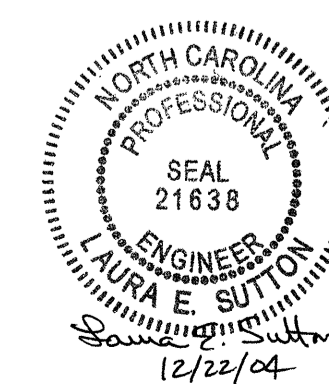
DEAD LOAD DEFLECTION TABLE FOR GIRDERS																					
	SPAN D																				
	GIRDER 3																				
TWENTIETH POINTS	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
DEFLECTION DUE TO WEIGHT OF GIRDER	0.000	-0.001	-0.001	-0.001	-0.001	-0.001	-0.001	0.000	0.000	0.001	0.001	0.001	0.002	0.002	0.002	0.002	0.002	0.001	0.001	0.001	0.000
DEFLECTION DUE TO WEIGHT OF SLAB *	0.000	-0.002	-0.003	-0.004	-0.004	-0.003	-0.002	-0.001	0.001	0.003	0.004	0.005	0.006	0.007	0.007	0.007	0.006	0.005	0.004	0.002	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	0.001	0.001	0.001	0.001	0.001	0.001	0.000	0.000	0.000	0.000
TOTAL DEAD LOAD DEFLECTION	0.000	-0.003	-0.004	-0.005	-0.005	-0.004	-0.003	-0.001	0.001	0.004	0.005	0.007	0.009	0.010	0.010	0.010	0.009	0.006	0.005	0.003	0.000
REQUIRED CAMBER	0	-3	-4	-5	-5	-4	-3	-1	1	4	5	7	9	10	10	10	9	6	5	3	0

DEAD LOAD DEFLECTION TABLE FOR GIRDERS																					
	SPAN D																				
	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	-0.001	-0.001	-0.001	-0.001	-0.001	-0.001	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
DEFLECTION DUE TO WEIGHT OF SLAB *	0.000	-0.002	-0.003	-0.004	-0.003	-0.002	-0.001	0.000	0.002	0.003	0.005	0.006	0.007	0.007	0.007	0.007	0.006	0.005	0.004	0.002	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	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.000	0.000	0.000
TOTAL DEAD LOAD DEFLECTION	0.000	-0.003	-0.004	-0.005	-0.004	-0.003	-0.002	0.000	0.002	0.004	0.007	0.009	0.010	0.010	0.010	0.010	0.009	0.007	0.005	0.003	0.000
REQUIRED CAMBER	0	-3	-4	-5	-4	-3	-2	0	2	4	7	9	10	10	10	10	9	7	5	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 4 OF 4



STATE OF NORTH CAROLINA DEPARTMENT OF TRANSPORTATION RALEIGH						SHEET NO.	
SUPERSTRUCTURE DEAD LOAD DEFLECTION TABLES SPAN D						S-199	
REVISIONS						TOTAL SHEETS	
NO.	BY:	DATE:	NO.	BY:	DATE:	230	
1			3				
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\bbarodawala\R0977A\_sd\_DL\_05.dgn  
lsutton

STR. #5