

DEAD LOAD DEFLECTION TABLE FOR GIRDERS

		GIRDER 1 - SPAN A																													
THIRTIETH POINTS	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30
DEFLECTION DUE TO WEIGHT OF GIRDER	0.000	0.001	0.002	0.003	0.003	0.004	0.004	0.004	0.004	0.004	0.003	0.002	0.001	0.000	-0.001	-0.002	-0.003	-0.005	-0.006	-0.007	-0.008	-0.008	-0.010	-0.010	-0.010	-0.010	-0.008	-0.007	-0.005	-0.003	0.000
DEFLECTION DUE TO WEIGHT OF SLAB *	0.000	0.002	0.004	0.006	0.007	0.008	0.009	0.009	0.009	0.009	0.008	0.006	0.004	0.002	0.000	-0.003	-0.005	-0.008	-0.011	-0.013	-0.015	-0.017	-0.018	-0.019	-0.019	-0.019	-0.017	-0.014	-0.010	-0.006	0.000
DEFLECTION DUE TO WEIGHT OF BARRIER RAIL	0.000	0.000	0.000	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.000	0.000	0.000	0.000	-0.001	-0.001	-0.001	-0.001	-0.002	-0.002	-0.002	-0.002	-0.002	-0.001	-0.001	-0.001	0.000	
TOTAL DEAD LOAD DEFLECTION	0.000	0.003	0.006	0.010	0.011	0.013	0.014	0.014	0.014	0.014	0.012	0.009	0.006	0.002	-0.001	-0.005	-0.008	-0.014	-0.018	-0.021	-0.024	-0.027	-0.030	-0.031	-0.031	-0.031	-0.027	-0.022	-0.016	-0.010	0.000
REQUIRED CAMBER	0	3	6	10	11	13	14	14	14	14	12	9	6	2	-1	-5	-8	-14	-18	-21	-24	-27	-30	-31	-31	-31	-27	-22	-16	-10	0

DEAD LOAD DEFLECTION TABLE FOR GIRDERS

		GIRDER 2 - SPAN A																													
THIRTIETH POINTS	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30
DEFLECTION DUE TO WEIGHT OF GIRDER	0.000	0.001	0.002	0.003	0.003	0.004	0.004	0.004	0.004	0.004	0.003	0.002	0.001	0.000	-0.001	-0.002	-0.004	-0.005	-0.006	-0.007	-0.008	-0.009	-0.010	-0.010	-0.010	-0.010	-0.009	-0.007	-0.006	-0.003	0.000
DEFLECTION DUE TO WEIGHT OF SLAB *	0.000	0.002	0.004	0.006	0.007	0.008	0.009	0.009	0.009	0.009	0.008	0.006	0.004	0.002	0.000	-0.003	-0.005	-0.008	-0.011	-0.013	-0.015	-0.017	-0.018	-0.019	-0.019	-0.018	-0.016	-0.014	-0.010	-0.006	0.000
DEFLECTION DUE TO WEIGHT OF BARRIER RAIL	0.000	0.000	0.000	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.000	0.000	0.000	0.000	-0.001	-0.001	-0.001	-0.001	-0.002	-0.002	-0.002	-0.002	-0.002	-0.001	-0.001	-0.001	0.000	
TOTAL DEAD LOAD DEFLECTION	0.000	0.003	0.006	0.010	0.011	0.013	0.014	0.014	0.014	0.014	0.012	0.009	0.006	0.002	-0.001	-0.005	-0.009	-0.014	-0.018	-0.021	-0.024	-0.028	-0.030	-0.031	-0.031	-0.030	-0.027	-0.022	-0.017	-0.010	0.000
REQUIRED CAMBER	0	3	6	10	11	13	14	14	14	14	12	9	6	2	-1	-5	-9	-14	-18	-21	-24	-28	-30	-31	-31	-30	-27	-22	-17	-10	0

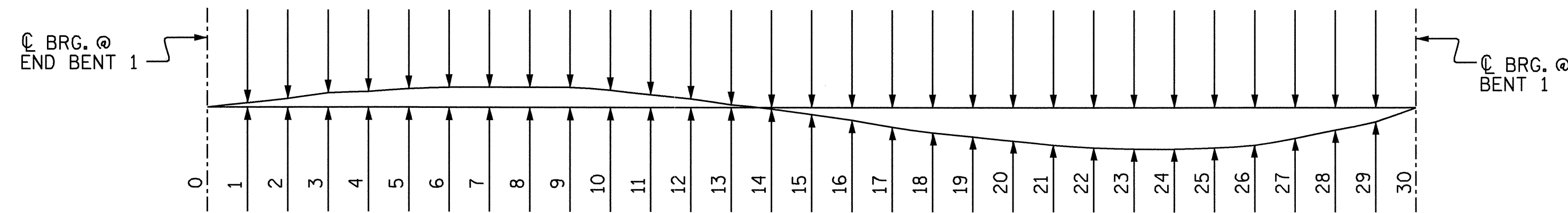
DEAD LOAD DEFLECTION TABLE FOR GIRDERS

		GIRDER 3 - SPAN A																													
THIRTIETH POINTS	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30
DEFLECTION DUE TO WEIGHT OF GIRDER	0.000	0.001	0.002	0.003	0.003	0.004	0.004	0.004	0.004	0.004	0.003	0.002	0.001	0.000	-0.001	-0.002	-0.004	-0.005	-0.006	-0.007	-0.008	-0.009	-0.010	-0.010	-0.010	-0.010	-0.009	-0.007	-0.006	-0.003	0.000
DEFLECTION DUE TO WEIGHT OF SLAB *	0.000	0.002	0.004	0.006	0.007	0.008	0.009	0.009	0.009	0.009	0.008	0.006	0.004	0.002	0.000	-0.003	-0.005	-0.008	-0.011	-0.013	-0.015	-0.017	-0.018	-0.019	-0.019	-0.018	-0.016	-0.014	-0.010	-0.006	0.000
DEFLECTION DUE TO WEIGHT OF BARRIER RAIL	0.000	0.000	0.000	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.000	0.000	0.000	0.000	-0.001	-0.001	-0.001	-0.001	-0.002	-0.002	-0.002	-0.002	-0.002	-0.001	-0.001	-0.001	0.000	
TOTAL DEAD LOAD DEFLECTION	0.000	0.003	0.006	0.010	0.011	0.013	0.014	0.014	0.014	0.014	0.012	0.009	0.006	0.002	-0.001	-0.005	-0.009	-0.014	-0.018	-0.021	-0.024	-0.028	-0.030	-0.031	-0.031	-0.030	-0.027	-0.022	-0.017	-0.010	0.000
REQUIRED CAMBER	0	3	6	10	11	13	14	14	14	14	12	9	6	2	-1	-5	-9	-14	-18	-21	-24	-28	-30	-31	-31	-30	-27	-22	-17	-10	0

DEAD LOAD DEFLECTION TABLE FOR GIRDERS

		GIRDER 4 - SPAN A																													
THIRTIETH POINTS	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30
DEFLECTION DUE TO WEIGHT OF GIRDER	0.000	0.001	0.002	0.003	0.003	0.004	0.004	0.004	0.004	0.004	0.003	0.002	0.001	0.000	-0.001	-0.002	-0.003	-0.005	-0.006	-0.007	-0.008	-0.008	-0.009	-0.009	-0.009	-0.009	-0.008	-0.007	-0.005	-0.003	0.000
DEFLECTION DUE TO WEIGHT OF SLAB *	0.000	0.002	0.004	0.006	0.007	0.008	0.009	0.009	0.009	0.009	0.008	0.006	0.004	0.002	0.000	-0.003	-0.006	-0.008	-0.011	-0.013	-0.015	-0.017	-0.018	-0.019	-0.019	-0.018	-0.017	-0.014	-0.010	-0.006	0.000
DEFLECTION DUE TO WEIGHT OF BARRIER RAIL	0.000	0.000	0.000	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.000	0.000	0.000	0.000	-0.001	-0.001	-0.001	-0.001	-0.002	-0.002	-0.002	-0.002	-0.002	-0.001	-0.001	-0.001	0.000	
TOTAL DEAD LOAD DEFLECTION	0.000	0.003	0.006	0.010	0.011	0.013	0.014	0.014	0.014	0.014	0.012	0.009	0.006	0.002	-0.001	-0.005	-0.009	-0.014	-0.018	-0.021	-0.024	-0.027	-0.029	-0.030	-0.030	-0.029	-0.027	-0.022	-0.016	-0.010	0.000
REQUIRED CAMBER	0	3	6	10	11	13	14	14	14	14	12	9	6	2	-1	-5	-9	-14	-18	-21	-24	-27	-29	-30	-30	-29	-27	-22	-16	-10	0

* INCLUDES SLAB, BUILDUPS & STAY-IN-PLACE FORMS.
 ALL VALUES ARE SHOWN IN METERS, EXCEPT "FINAL CAMBER" WHICH IS SHOWN IN MILLIMETERS.



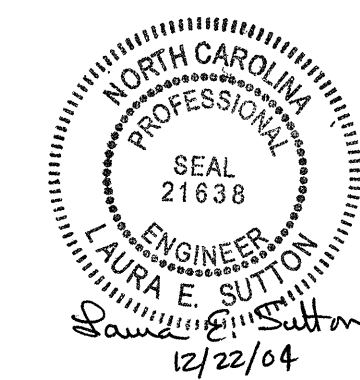
SCHMATIC CAMBER ORDINATES
 SLOPE FOR ZERO CAMBER BASE LINE VARIES

PROJECT NO. R-0977A
CHEROKEE COUNTY
STATION: 16+02.300-LC1B-

SHEET 1 OF 3

STATE OF NORTH CAROLINA
DEPARTMENT OF TRANSPORTATION
RALEIGH
SUPERSTRUCTURE
DEAD LOAD
DEFLECTIONS
SPAN A

REVISIONS						SHEET NO.
NO.	BY:	DATE:	NO.	BY:	DATE:	S-23
1			3			TOTAL SHEETS
2			4			230



DRAWN BY: A.S. CALLAWAY DATE: 3/1/04
 CHECKED BY: B.N. BARODAWALA DATE: 6/17/04

21-DEC-2004 07:09
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