

DEAD LOAD DEFLECTION TABLE FOR EXTERIOR GIRDERS A1 & A5																					
TWENTIETH POINTS	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	.004	.007	.010	.013	.015	.018	.019	.021	.021	.022	.021	.021	.019	.018	.015	.013	.010	.007	.004	0
DEFLECTION DUE TO WEIGHT OF SLAB * ↓	0	.011	.021	.031	.039	.047	.054	.059	.063	.065	.066	.065	.063	.059	.054	.047	.039	.031	.021	.011	0
DEFLECTION DUE TO WEIGHT OF BARRIER RAIL ↓	0	.002	.003	.005	.006	.007	.008	.009	.009	.010	.010	.010	.009	.009	.008	.007	.006	.005	.003	.002	0
TOTAL DEAD LOAD DEFLECTION ↓	0	.016	.031	.045	.058	.069	.079	.087	.092	.096	.097	.096	.092	.087	.079	.069	.058	.045	.031	.016	0
VERTICAL CURVE ORDINATE ↑	0	.004	.008	.011	.014	.016	.018	.020	.021	.021	.022	.021	.021	.020	.018	.016	.014	.011	.008	.004	0
ORDINATE DUE TO SUPERELEVATION ↓	0	.000	.000	.000	.000	.001	.001	.001	.001	.001	.001	.001	.001	.001	.001	.001	.000	.000	.000	.000	0
REQUIRED CAMBER ↑	0	20	39	56	72	84	96	106	112	116	118	116	112	106	96	84	72	56	39	20	0

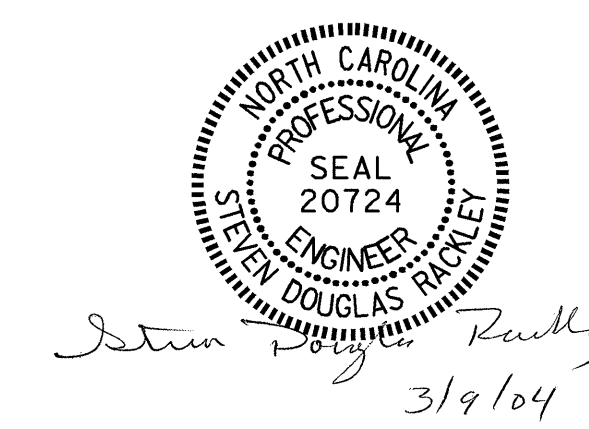
* INCLUDES SLAB, BUILDUPS & STAY-IN-PLACE FORMS.
ALL VALUES ARE SHOWN IN METERS, EXCEPT "FINAL CAMBER" WHICH IS SHOWN IN MILLIMETERS.

DEAD LOAD DEFLECTION TABLE FOR INTERIOR GIRDERS A2 THRU A4																					
TENTH POINTS	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	.004	.007	.010	.013	.015	.018	.019	.021	.021	.022	.021	.021	.019	.018	.015	.013	.010	.007	.004	0
DEFLECTION DUE TO WEIGHT OF SLAB * ↓	0	.011	.021	.031	.040	.048	.055	.060	.064	.066	.067	.066	.064	.060	.055	.048	.040	.031	.021	.011	0
DEFLECTION DUE TO WEIGHT OF BARRIER RAIL ↓	0	.001	.002	.003	.004	.005	.005	.006	.006	.007	.007	.007	.006	.006	.005	.005	.004	.003	.002	.001	0
TOTAL DEAD LOAD DEFLECTION ↓	0	.016	.030	.044	.057	.068	.078	.085	.091	.094	.096	.094	.091	.085	.078	.068	.057	.044	.030	.016	0
VERTICAL CURVE ORDINATE ↑	0	.004	.008	.011	.014	.016	.018	.020	.021	.021	.022	.021	.021	.020	.018	.016	.014	.011	.008	.004	0
ORDINATE DUE TO SUPERELEVATION ↓	0	.000	.000	.000	.000	.001	.001	.001	.001	.001	.001	.001	.001	.001	.001	.001	.000	.000	.000	.000	0
REQUIRED CAMBER ↑	0	20	38	55	71	83	95	104	111	114	117	114	111	104	95	83	71	55	38	20	0

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

PROJECT NO. R-2911A
IREDELL COUNTY
STATION: 41+59.472 -L-

SHEET 1 OF 2



STATE OF NORTH CAROLINA DEPARTMENT OF TRANSPORTATION RALEIGH					
SUPERSTRUCTURE					
DEAD LOAD DEFLECTIONS					
(LEFT LANE)					
REVISIONS					
NO.	BY:	DATE:	NO.	BY:	DATE:
1			3		
2			4		
SHEET NO. S-69					TOTAL SHEETS 106

DRAWN BY: M.K. BEARD DATE: 01/14/04
CHECKED BY: K.D. LAYNE DATE: 02/05/04

09-MAR-2004 13:28
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Klayne