

DEAD LOAD DEFLECTION TABLE FOR SPAN "A"																																	
	GIRDER A1											GIRDERS A2, A3 & A4											GIRDER A5										
TENTH POINTS	0	.1	.2	.3	.4	.5	.6	.7	.8	.9	0	0	.1	.2	.3	.4	.5	.6	.7	.8	.9	0	0	.1	.2	.3	.4	.5	.6	.7	.8	.9	0
CAMBER (GIRDER ALONE IN PLACE) ↑	0.0	0.003	0.006	0.009	0.010	0.011	0.010	0.009	0.006	0.003	0.0	0.0	0.003	0.006	0.009	0.010	0.011	0.010	0.009	0.006	0.003	0.0	0.0	0.003	0.006	0.009	0.010	0.011	0.010	0.009	0.006	0.003	0.0
* DEFLECTION DUE TO SUPERIMPOSED D.L. ↓	0.0	0.003	0.006	0.009	0.010	0.011	0.010	0.009	0.006	0.003	0.0	0.0	0.003	0.006	0.009	0.010	0.011	0.010	0.009	0.006	0.003	0.0	0.0	0.003	0.006	0.009	0.010	0.011	0.010	0.009	0.006	0.003	0.0
FINAL CAMBER	0"	0"	0"	0"	0"	0"	0"	0"	0"	0"	0"	0"	0"	0"	0"	0"	0"	0"	0"	0"	0"	0"	0"	0"	0"	0"	0"	0"	0"	0"	0"	0"	0"

DEAD LOAD DEFLECTION TABLE FOR SPAN "B"																																	
	GIRDER B1											GIRDERS B2, B3 & B4											GIRDER B5										
TENTH POINTS	0	.1	.2	.3	.4	.5	.6	.7	.8	.9	0	0	.1	.2	.3	.4	.5	.6	.7	.8	.9	0	0	.1	.2	.3	.4	.5	.6	.7	.8	.9	0
CAMBER (GIRDER ALONE IN PLACE) ↑	0.0	0.003	0.006	0.009	0.010	0.011	0.010	0.009	0.006	0.003	0.0	0.0	0.003	0.006	0.009	0.010	0.011	0.010	0.009	0.006	0.003	0.0	0.0	0.003	0.006	0.009	0.010	0.011	0.010	0.009	0.006	0.003	0.0
* DEFLECTION DUE TO SUPERIMPOSED D.L. ↓	0.0	0.003	0.006	0.009	0.010	0.011	0.010	0.009	0.006	0.003	0.0	0.0	0.003	0.006	0.009	0.010	0.011	0.010	0.009	0.006	0.003	0.0	0.0	0.003	0.006	0.009	0.010	0.011	0.010	0.009	0.006	0.003	0.0
FINAL CAMBER	0"	0"	0"	0"	0"	0"	0"	0"	0"	0"	0"	0"	0"	0"	0"	0"	0"	0"	0"	0"	0"	0"	0"	0"	0"	0"	0"	0"	0"	0"	0"	0"	0"

DEAD LOAD DEFLECTION TABLE FOR SPAN "C"																																	
	GIRDER C1											GIRDER C2, C3 & C4											GIRDER C5										
TENTH POINTS	0	.1	.2	.3	.4	.5	.6	.7	.8	.9	0	0	.1	.2	.3	.4	.5	.6	.7	.8	.9	0	0	.1	.2	.3	.4	.5	.6	.7	.8	.9	0
CAMBER (GIRDER ALONE IN PLACE) ↑	0.0	0.056	0.105	0.144	0.169	0.177	0.169	0.144	0.105	0.056	0.0	0.0	0.056	0.105	0.144	0.169	0.177	0.169	0.144	0.105	0.056	0.0	0.0	0.056	0.105	0.144	0.169	0.177	0.169	0.144	0.105	0.056	0.0
* DEFLECTION DUE TO SUPERIMPOSED D.L. ↓	0.0	0.022	0.042	0.057	0.067	0.071	0.067	0.057	0.042	0.022	0.0	0.0	0.025	0.048	0.066	0.077	0.081	0.077	0.066	0.048	0.025	0.0	0.0	0.022	0.042	0.058	0.068	0.072	0.068	0.058	0.042	0.022	0.0
FINAL CAMBER	0"	3/8"	3/4"	1/16"	13/16"	1/4"	13/16"	1/16"	3/4"	3/8"	0"	0"	3/8"	1/16"	15/16"	1/8"	1/8"	1/8"	15/16"	1/16"	3/8"	0"	0"	3/8"	3/4"	1/16"	13/16"	1/4"	13/16"	1/16"	3/4"	3/8"	0"

DEAD LOAD DEFLECTION TABLE FOR SPAN "D"																																	
	GIRDER D1											GIRDERS D2, D3 & D4											GIRDER D5										
TENTH POINTS	0	.1	.2	.3	.4	.5	.6	.7	.8	.9	0	0	.1	.2	.3	.4	.5	.6	.7	.8	.9	0	0	.1	.2	.3	.4	.5	.6	.7	.8	.9	0
CAMBER (GIRDER ALONE IN PLACE) ↑	0.0	0.003	0.006	0.009	0.010	0.011	0.010	0.009	0.006	0.003	0.0	0.0	0.003	0.006	0.009	0.010	0.011	0.010	0.009	0.006	0.003	0.0	0.0	0.003	0.006	0.009	0.010	0.011	0.010	0.009	0.006	0.003	0.0
* DEFLECTION DUE TO SUPERIMPOSED D.L. ↓	0.0	0.003	0.006	0.009	0.010	0.011	0.010	0.009	0.006	0.003	0.0	0.0	0.003	0.006	0.009	0.010	0.011	0.010	0.009	0.006	0.003	0.0	0.0	0.003	0.006	0.009	0.010	0.011	0.010	0.009	0.006	0.003	0.0
FINAL CAMBER	0"	0"	0"	0"	0"	0"	0"	0"	0"	0"	0"	0"	0"	0"	0"	0"	0"	0"	0"	0"	0"	0"	0"	0"	0"	0"	0"	0"	0"	0"	0"	0"	0"

DEAD LOAD DEFLECTION TABLE FOR SPAN "E"																																	
	GIRDER E1											GIRDERS E2, E3 & E4											GIRDER E5										
TENTH POINTS	0	.1	.2	.3	.4	.5	.6	.7	.8	.9	0	0	.1	.2	.3	.4	.5	.6	.7	.8	.9	0	0	.1	.2	.3	.4	.5	.6	.7	.8	.9	0
CAMBER (GIRDER ALONE IN PLACE) ↑	0.0	0.003	0.006	0.009	0.010	0.011	0.010	0.009	0.006	0.003	0.0	0.0	0.003	0.006	0.009	0.010	0.011	0.010	0.009	0.006	0.003	0.0	0.0	0.003	0.006	0.009	0.010	0.011	0.010	0.009	0.006	0.003	0.0
* DEFLECTION DUE TO SUPERIMPOSED D.L. ↓	0.0	0.003	0.006	0.009	0.010	0.011	0.010	0.009	0.006	0.003	0.0	0.0	0.003	0.006	0.009	0.010	0.011	0.010	0.009	0.006	0.003	0.0	0.0	0.003	0.006	0.009	0.010	0.011	0.010	0.009	0.006	0.003	0.0
FINAL CAMBER	0"	0"	0"	0"	0"	0"	0"	0"	0"	0"	0"	0"	0"	0"	0"	0"	0"	0"	0"	0"	0"	0"	0"	0"	0"	0"	0"	0"	0"	0"	0"	0"	0"

* INCLUDES FUTURE WEARING SURFACE.
 ALL VALUES ARE SHOWN IN FEET (DECIMAL FORM), EXCEPT "FINAL CAMBER", WHICH IS SHOWN IN INCHES (FRACTION FORM)

PROJECT NO. B-3690
RANDOLPH COUNTY
 STATION: 17+41.00 -L-



STATE OF NORTH CAROLINA DEPARTMENT OF TRANSPORTATION RALEIGH					
SUPERSTRUCTURE DEAD LOAD DEFLECTIONS					
REVISIONS					SHEET NO. S-16
NO.	BY:	DATE:	NO.	BY:	DATE:
1			3		
2			4		
TOTAL SHEETS					37

DRAWN BY : M. ALLEN DATE : 7/03
 CHECKED BY : P.C. BREWER DATE : 8/03