

DEAD LOAD DEFLECTION TABLE

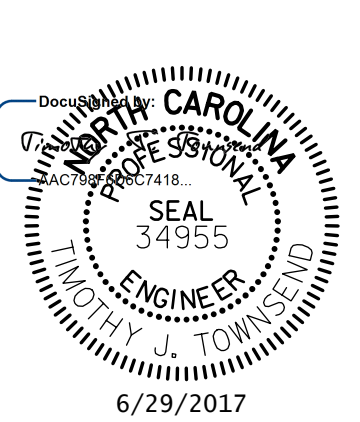
GIRDERS 1-4, 6, 8-11																					
TWENTIETH POINTS	0.00	0.05	0.10	0.15	0.20	0.25	0.30	0.35	0.40	0.45	0.50	0.55	0.60	0.65	0.70	0.75	0.80	0.85	0.90	0.95	1.00
CAMBER (GIRDER ALONE IN PLACE) ↑	0.000	0.030	0.060	0.088	0.113	0.136	0.155	0.171	0.182	0.189	0.191	0.189	0.182	0.171	0.155	0.136	0.113	0.088	0.060	0.030	0.000
* DEFLECTION DUE TO SUPERIMPOSED D.L. ↓	0.000	0.014	0.027	0.041	0.053	0.064	0.073	0.081	0.086	0.090	0.091	0.090	0.086	0.081	0.073	0.064	0.053	0.041	0.027	0.014	0.000
FINAL CAMBER ↑	0"	3/16"	3/8"	9/16"	3/4"	7/8"	1"	1 1/16"	1 1/8"	1 3/16"	1 3/8"	1 3/16"	1 1/8"	1 1/16"	1"	7/8"	3/4"	9/16"	3/8"	3/16"	0"
GIRDER 5																					
TWENTIETH POINTS	0.00	0.05	0.10	0.15	0.20	0.25	0.30	0.35	0.40	0.45	0.50	0.55	0.60	0.65	0.70	0.75	0.80	0.85	0.90	0.95	1.00
CAMBER (GIRDER ALONE IN PLACE) ↑	0.000	0.030	0.060	0.088	0.113	0.136	0.155	0.171	0.182	0.189	0.191	0.189	0.182	0.171	0.155	0.136	0.113	0.088	0.060	0.030	0.000
* DEFLECTION DUE TO SUPERIMPOSED D.L. ↓	0.000	0.011	0.023	0.034	0.045	0.054	0.062	0.068	0.073	0.076	0.077	0.076	0.073	0.068	0.062	0.054	0.045	0.034	0.023	0.011	0.000
FINAL CAMBER ↑	0"	1/4"	7/16"	5/8"	13/16"	1"	1 1/8"	1 1/4"	1 5/16"	1 3/8"	1 3/8"	1 3/8"	1 5/16"	1 1/4"	1 1/8"	1"	13/16"	5/8"	7/16"	1/4"	0"
GIRDER 7																					
TWENTIETH POINTS	0.00	0.05	0.10	0.15	0.20	0.25	0.30	0.35	0.40	0.45	0.50	0.55	0.60	0.65	0.70	0.75	0.80	0.85	0.90	0.95	1.00
CAMBER (GIRDER ALONE IN PLACE) ↑	0.000	0.030	0.060	0.088	0.113	0.136	0.155	0.171	0.182	0.189	0.191	0.189	0.182	0.171	0.155	0.136	0.113	0.088	0.060	0.030	0.000
* DEFLECTION DUE TO SUPERIMPOSED D.L. ↓	0.000	0.015	0.030	0.045	0.059	0.072	0.082	0.091	0.097	0.100	0.102	0.100	0.097	0.091	0.082	0.072	0.059	0.045	0.030	0.015	0.000
FINAL CAMBER ↑	0"	3/16"	3/8"	1/2"	5/8"	3/4"	7/8"	15/16"	1"	1 1/16"	1 1/16"	1 1/16"	1"	15/16"	7/8"	3/4"	5/8"	1/2"	3/8"	3/16"	0"

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

PROJECT NO. U-4751
NEW HANOVER COUNTY
 STATION: 62+99.10 -L-

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DRAWN BY : <u>TJT</u> DATE : <u>3-17</u>	DESIGN ENGINEER OF RECORD: <u>T. TOWNSEND</u> DATE : <u>3-17</u>
CHECKED BY : <u>AJP</u> DATE : <u>4-17</u>	

	STATE OF NORTH CAROLINA DEPARTMENT OF TRANSPORTATION RALEIGH SUPERSTRUCTURE DEAD LOAD DEFLECTIONS		SHEET NO. S2-15		
	REVISIONS		TOTAL SHEETS 30		
	NO.	BY:	DATE:	NO.	BY:
1			3		
2			4		

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