

DEAD LOAD DEFLECTION TABLE FOR SPAN A											
GIRDERS 1 & 10											
TENTH POINTS	0.0	0.1	0.2	0.3	0.4	0.5	0.6	0.7	0.8	0.9	1.0
CAMBER (GIRDER ALONE IN PLACE)	↑ 0.000	0.039	0.074	0.101	0.119	0.125	0.119	0.101	0.074	0.039	0.000
* DEFLECTION DUE TO SUPERIMPOSED D.L.	↓ 0.000	0.018	0.035	0.048	0.056	0.059	0.056	0.048	0.035	0.018	0.000
FINAL CAMBER	↑ 0"	1/4"	1/2"	5/8"	3/4"	13/16"	3/4"	5/8"	1/2"	1/4"	0"

DEAD LOAD DEFLECTION TABLE FOR SPAN B											
GIRDERS 1 & 10											
TENTH POINTS	0.0	0.1	0.2	0.3	0.4	0.5	0.6	0.7	0.8	0.9	1.0
CAMBER (GIRDER ALONE IN PLACE)	↑ 0.000	0.065	0.123	0.169	0.198	0.208	0.198	0.169	0.123	0.065	0.000
* DEFLECTION DUE TO SUPERIMPOSED D.L.	↓ 0.000	0.029	0.057	0.080	0.096	0.101	0.096	0.080	0.057	0.029	0.000
FINAL CAMBER	↑ 0"	7/16"	13/16"	1 1/16"	1 1/4"	1 1/4"	1 1/4"	1 1/16"	13/16"	7/16"	0"

DEAD LOAD DEFLECTION TABLE FOR SPAN A											
GIRDERS 2-9											
0.6" LOW RELAXATION	0.0	0.1	0.2	0.3	0.4	0.5	0.6	0.7	0.8	0.9	1.0
TENTH POINTS	0.0	0.1	0.2	0.3	0.4	0.5	0.6	0.7	0.8	0.9	1.0
CAMBER (GIRDER ALONE IN PLACE)	↑ 0.000	0.039	0.074	0.101	0.119	0.125	0.119	0.101	0.074	0.039	0.000
* DEFLECTION DUE TO SUPERIMPOSED D.L.	↓ 0.000	0.021	0.041	0.056	0.066	0.069	0.066	0.056	0.041	0.021	0.000
FINAL CAMBER	↑ 0"	1/4"	3/8"	9/16"	5/8"	11/16"	5/8"	9/16"	3/8"	1/4"	0"


DEAD LOAD DEFLECTION TABLE FOR SPAN B											
GIRDERS 2-9											
TENTH POINTS	0.0	0.1	0.2	0.3	0.4	0.5	0.6	0.7	0.8	0.9	1.0
CAMBER (GIRDER ALONE IN PLACE)	↑ 0.000	0.065	0.123	0.169	0.198	0.208	0.198	0.169	0.123	0.065	0.000
* DEFLECTION DUE TO SUPERIMPOSED D.L.	↓ 0.000	0.034	0.068	0.095	0.112	0.119	0.112	0.095	0.068	0.034	0.000
FINAL CAMBER	↑ 0"	3/8"	11/16"	7/8"	1"	1 1/16"	1"	7/8"	11/16"	3/8"	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: 38+94.20 -L-

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 3:15:59 PM
 6/22/2017
 ch11kmb

DRAWN BY : VMW DATE : 5-17
 CHECKED BY : ACA DATE : 5-17
 DESIGN ENGINEER OF RECORD: V. WU DATE : 5-17

DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED		STATE OF NORTH CAROLINA DEPARTMENT OF TRANSPORTATION RALEIGH SUPERSTRUCTURE DEAD LOAD DEFLECTIONS				SHEET NO. S1-18 TOTAL SHEETS 36
		REVISIONS				
		NO.	BY:	DATE:	NO.	
1			3			
2			4			


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