

3/18/2022 11:06:30 AM G:\Projects\2020\Division 6 (Mott) Mac - NV5\I-5987B\Structures\Site 9 (L over Little Marsh Swamp)\Drawings\Final\I5987B_SMU_DL_770164.dgn

DEAD LOAD DEFLECTION TABLE FOR GIRDERS																					
SPAN A - STAGE III																					
0.6" Ø LOW RELAXATION GIRDERS AG1-AG7																					
TWENTIETH POINTS	0	.05	.10	.15	.20	.25	.30	.35	.40	.45	.50	.55	.60	.65	.70	.75	.80	.85	.90	.95	1.00
CAMBER (GIRDER ALONE IN PLACE) ↑	0	0.012	0.022	0.032	0.041	0.049	0.056	0.062	0.066	0.068	0.069	0.068	0.066	0.062	0.056	0.049	0.041	0.032	0.022	0.012	0
* DEFLECTION DUE TO SUPERIMPOSED D.L. ↓	0	0.003	0.007	0.011	0.015	0.018	0.021	0.023	0.025	0.026	0.026	0.026	0.025	0.023	0.021	0.018	0.015	0.011	0.007	0.003	0
FINAL CAMBER ↑	0	1/8"	3/16"	1/4"	5/16"	3/8"	7/16"	7/16"	1/2"	1/2"	1/2"	1/2"	1/2"	7/16"	7/16"	3/8"	5/16"	1/4"	3/16"	1/8"	0
SPAN A - STAGE II																					
0.6" Ø LOW RELAXATION GIRDERS AG8-AG11																					
TWENTIETH POINTS	0	.05	.10	.15	.20	.25	.30	.35	.40	.45	.50	.55	.60	.65	.70	.75	.80	.85	.90	.95	1.00
CAMBER (GIRDER ALONE IN PLACE) ↑	0	0.012	0.022	0.032	0.041	0.049	0.056	0.062	0.066	0.068	0.069	0.068	0.066	0.062	0.056	0.049	0.041	0.032	0.022	0.012	0
* DEFLECTION DUE TO SUPERIMPOSED D.L. ↓	0	0.003	0.007	0.010	0.014	0.017	0.019	0.021	0.022	0.023	0.024	0.023	0.022	0.021	0.019	0.017	0.014	0.010	0.007	0.003	0
FINAL CAMBER ↑	0	1/8"	3/16"	1/4"	5/16"	3/8"	7/16"	1/2"	1/2"	9/16"	9/16"	9/16"	1/2"	1/2"	7/16"	3/8"	5/16"	1/4"	3/16"	1/8"	0
SPAN A - STAGE I																					
0.6" Ø LOW RELAXATION GIRDERS AG12-AG15																					
TWENTIETH POINTS	0	.05	.10	.15	.20	.25	.30	.35	.40	.45	.50	.55	.60	.65	.70	.75	.80	.85	.90	.95	1.00
CAMBER (GIRDER ALONE IN PLACE) ↑	0	0.012	0.022	0.032	0.041	0.049	0.056	0.062	0.066	0.068	0.069	0.068	0.066	0.062	0.056	0.049	0.041	0.032	0.022	0.012	0
* DEFLECTION DUE TO SUPERIMPOSED D.L. ↓	0	0.003	0.007	0.011	0.015	0.018	0.021	0.023	0.025	0.026	0.026	0.026	0.025	0.023	0.021	0.018	0.015	0.011	0.007	0.003	0
FINAL CAMBER ↑	0	1/8"	3/16"	1/4"	5/16"	3/8"	7/16"	7/16"	1/2"	1/2"	1/2"	1/2"	1/2"	7/16"	7/16"	3/8"	5/16"	1/4"	3/16"	1/8"	0

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

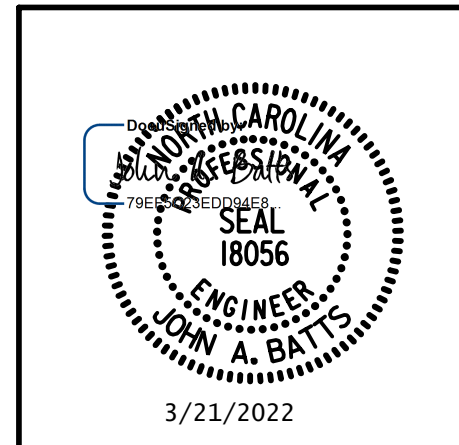
PROJECT NO. I-5987B
ROBESON COUNTY
 STATION: 803+15.00 -L-

SHEET 1 OF 2

STATE OF NORTH CAROLINA
 DEPARTMENT OF TRANSPORTATION
 RALEIGH
 SUPERSTRUCTURE

GIRDER DEFLECTION
 AND CAMBER TABLES

SPAN A



LICENSURE NO. C-4434
**DOCUMENT NOT CONSIDERED FINAL
 UNLESS ALL SIGNATURES COMPLETED**

DRAWN BY: S.D. COOPER DATE: 3-22
 CHECKED BY: J.A. BATTS DATE: 3-22
 DESIGN ENGINEER OF RECORD: J.A. BATTS DATE: 3-22

REVISIONS						SHEET NO.
NO.	BY:	DATE:	NO.	BY:	DATE:	S9-31
1			3			TOTAL SHEETS
2			4			69