

DEAD LOAD DEFLECTION TABLE FOR GIRDERS												
0.6" Ø LOW RELAXATION STRANDS	SPAN A											
	GIRDERS AG1 AND AG5											
TENTH POINTS	BRG.	0.10	0.20	0.30	0.40	0.50	0.60	0.70	0.80	0.90	BRG.	
CAMBER (GIRDER ALONE IN PLACE)	↑	0.000	0.005	0.010	0.014	0.016	0.017	0.016	0.014	0.010	0.005	0.000
* DEFLECTION DUE TO SUPERIMPOSED D.L.	↓	0.000	0.001	0.001	0.002	0.002	0.002	0.002	0.001	0.001	0.001	0.000
FINAL CAMBER	↑	0	1/16"	1/8"	1/8"	3/16"	3/16"	3/16"	1/8"	1/8"	1/16"	0

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

DEAD LOAD DEFLECTION TABLE FOR GIRDERS												
0.6" Ø LOW RELAXATION STRANDS	SPAN A											
	GIRDERS AG2, AG3, AND AG4											
TENTH POINTS	BRG.	0.10	0.20	0.30	0.40	0.50	0.60	0.70	0.80	0.90	BRG.	
CAMBER (GIRDER ALONE IN PLACE)	↑	0.000	0.005	0.010	0.014	0.016	0.017	0.016	0.014	0.010	0.005	0.000
* DEFLECTION DUE TO SUPERIMPOSED D.L.	↓	0.000	0.001	0.001	0.002	0.002	0.003	0.002	0.002	0.001	0.001	0.000
FINAL CAMBER	↑	0	1/16"	1/8"	1/8"	3/16"	3/16"	3/16"	1/8"	1/8"	1/16"	0

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

DEAD LOAD DEFLECTION TABLE FOR GIRDERS												
0.6" Ø LOW RELAXATION STRANDS	SPAN B											
	GIRDERS BG1 AND BG5											
TENTH POINTS	BRG.	0.10	0.20	0.30	0.40	0.50	0.60	0.70	0.80	0.90	BRG.	
CAMBER (GIRDER ALONE IN PLACE)	↑	0.000	0.028	0.053	0.073	0.085	0.089	0.085	0.073	0.053	0.028	0.000
* DEFLECTION DUE TO SUPERIMPOSED D.L.	↓	0.000	0.014	0.028	0.039	0.046	0.048	0.046	0.039	0.028	0.014	0.000
FINAL CAMBER	↑	0	3/16"	5/16"	3/8"	1/2"	1/2"	1/2"	3/8"	5/16"	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).

DEAD LOAD DEFLECTION TABLE FOR GIRDERS												
0.6" Ø LOW RELAXATION STRANDS	SPAN B											
	GIRDERS BG2, BG3, AND BG4											
TENTH POINTS	BRG.	0.10	0.20	0.30	0.40	0.50	0.60	0.70	0.80	0.90	BRG.	
CAMBER (GIRDER ALONE IN PLACE)	↑	0.000	0.028	0.053	0.073	0.085	0.089	0.085	0.073	0.053	0.028	0.000
* DEFLECTION DUE TO SUPERIMPOSED D.L.	↓	0.000	0.015	0.031	0.044	0.052	0.054	0.052	0.044	0.031	0.015	0.000
FINAL CAMBER	↑	0	1/8"	1/4"	3/8"	3/8"	7/16"	3/8"	3/8"	1/4"	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).

DEAD LOAD DEFLECTION TABLE FOR GIRDERS												
0.6" Ø LOW RELAXATION STRANDS	SPAN C											
	GIRDERS CG1 AND CG5											
TENTH POINTS	BRG.	0.10	0.20	0.30	0.40	0.50	0.60	0.70	0.80	0.90	BRG.	
CAMBER (GIRDER ALONE IN PLACE)	↑	0.000	0.007	0.014	0.019	0.022	0.023	0.022	0.019	0.014	0.007	0.000
* DEFLECTION DUE TO SUPERIMPOSED D.L.	↓	0.000	0.001	0.003	0.004	0.005	0.005	0.005	0.004	0.003	0.001	0.000
FINAL CAMBER	↑	0	1/16"	1/8"	3/16"	3/16"	1/4"	3/16"	3/16"	1/8"	1/16"	0

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

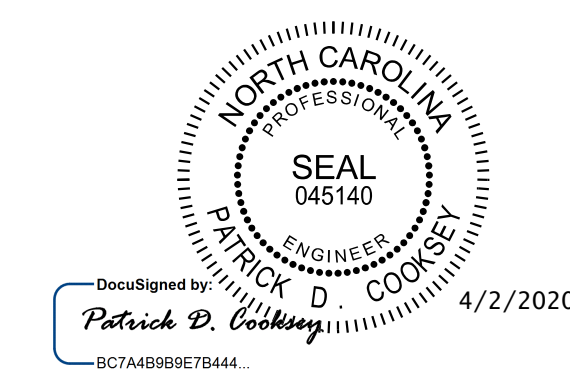
DEAD LOAD DEFLECTION TABLE FOR GIRDERS												
0.6" Ø LOW RELAXATION STRANDS	SPAN C											
	GIRDERS CG2, CG3, AND CG4											
TENTH POINTS	BRG.	0.10	0.20	0.30	0.40	0.50	0.60	0.70	0.80	0.90	BRG.	
CAMBER (GIRDER ALONE IN PLACE)	↑	0.000	0.007	0.014	0.019	0.022	0.023	0.022	0.019	0.014	0.007	0.000
* DEFLECTION DUE TO SUPERIMPOSED D.L.	↓	0.000	0.001	0.003	0.005	0.005	0.006	0.005	0.004	0.003	0.001	0.000
FINAL CAMBER	↑	0	1/16"	1/8"	3/16"	3/16"	3/16"	3/16"	3/16"	1/8"	1/16"	0

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

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DRAWN BY: D. D. LOWERY DATE: 02/2020
 CHECKED BY: J. C. WILSON DATE: 02/2020
 DESIGN ENGINEER OF RECORD: P. D. COOKSEY DATE: 02/2020

PROJECT NO. B-5534
DUPLIN COUNTY
 STATION: 21+68.50 -L-



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STATE OF NORTH CAROLINA DEPARTMENT OF TRANSPORTATION RALEIGH					
SUPERSTRUCTURE					
GIRDER DEFLECTION AND CAMBER SCHEDULES					
REVISIONS					SHEET NO.
NO.	BY:	DATE:	NO.	BY:	DATE:
1			3		
2			4		
					TOTAL SHEETS
					34

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