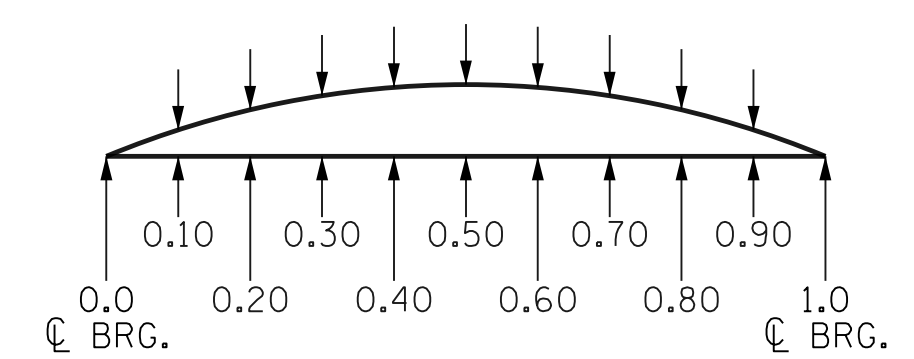


DEAD LOAD DEFLECTION AND CAMBER TABLE FOR GIRDERS - SPAN "A"												
GIRDER		TENTH POINTS										
		0	.10	.20	.30	.40	.50	.60	.70	.80	.90	1.0
EXTERIOR GIRDERS	CAMBER (GIRDER ALONE IN PLACE) ↑	0	0.012	0.022	0.030	0.035	0.037	0.035	0.030	0.022	0.012	0
	DEFLECTION DUE TO SUPERIMPOSED D.L. * ↓	0	0.007	0.014	0.019	0.023	0.024	0.023	0.019	0.014	0.007	0
	FINAL CAMBER ↑	0"	1/16"	1/8"	1/8"	1/8"	1/8"	1/8"	1/8"	1/8"	1/16"	0"
INTERIOR GIRDERS	CAMBER (GIRDER ALONE IN PLACE) ↑	0	0.012	0.022	0.030	0.035	0.037	0.035	0.030	0.022	0.012	0
	DEFLECTION DUE TO SUPERIMPOSED D.L. * ↓	0	0.007	0.014	0.020	0.024	0.025	0.024	0.020	0.014	0.007	0
	FINAL CAMBER ↑	0"	1/16"	1/16"	1/8"	1/8"	1/8"	1/8"	1/8"	1/16"	1/16"	0"

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

DEAD LOAD DEFLECTION AND CAMBER TABLE FOR GIRDERS - SPAN "B"												
GIRDER		TENTH POINTS										
		0	.10	.20	.30	.40	.50	.60	.70	.80	.90	1.0
EXTERIOR GIRDERS	CAMBER (GIRDER ALONE IN PLACE) ↑	0	0.064	0.121	0.166	0.194	0.204	0.194	0.166	0.121	0.064	0
	DEFLECTION DUE TO SUPERIMPOSED D.L. * ↓	0	0.041	0.083	0.115	0.136	0.143	0.136	0.115	0.083	0.041	0
	FINAL CAMBER ↑	0"	1/4"	7/16"	5/8"	11/16"	3/4"	11/16"	5/8"	7/16"	1/4"	0"
INTERIOR GIRDERS	CAMBER (GIRDER ALONE IN PLACE) ↑	0	0.064	0.121	0.166	0.194	0.204	0.194	0.166	0.121	0.064	0
	DEFLECTION DUE TO SUPERIMPOSED D.L. * ↓	0	0.043	0.086	0.120	0.142	0.149	0.142	0.120	0.086	0.043	0
	FINAL CAMBER ↑	0"	1/4"	7/16"	9/16"	5/8"	11/16"	5/8"	9/16"	7/16"	1/4"	0"

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



SCHEMATIC CAMBER ORDINATES AT GIRDER TENTH POINTS

DEAD LOAD DEFLECTION AND CAMBER TABLE FOR GIRDERS - SPAN "C"												
GIRDER		TENTH POINTS										
		0	.10	.20	.30	.40	.50	.60	.70	.80	.90	1.0
EXTERIOR GIRDERS	CAMBER (GIRDER ALONE IN PLACE) ↑	0	0.011	0.020	0.028	0.033	0.034	0.033	0.028	0.020	0.011	0
	DEFLECTION DUE TO SUPERIMPOSED D.L. * ↓	0	0.005	0.010	0.015	0.017	0.018	0.017	0.015	0.010	0.005	0
	FINAL CAMBER ↑	0"	1/16"	1/8"	3/16"	3/16"	3/16"	3/16"	3/16"	1/8"	1/16"	0"
INTERIOR GIRDERS	CAMBER (GIRDER ALONE IN PLACE) ↑	0	0.011	0.020	0.028	0.033	0.034	0.033	0.028	0.020	0.011	0
	DEFLECTION DUE TO SUPERIMPOSED D.L. * ↓	0	0.005	0.011	0.015	0.018	0.019	0.018	0.015	0.011	0.005	0
	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 IN SUPER IMPOSED DEAD LOAD.
ALL VALUES ARE SHOWN IN FEET (DECIMAL FORM), EXCEPT "FINAL CAMBER", WHICH IS GIVEN IN INCHES (FRACTION FORM).

PROJECT NO. B-5352
ROCKINGHAM COUNTY
STATION: P.O.T. 22+16.89 -L-
SHEET 5 OF 5

STATE OF NORTH CAROLINA
DEPARTMENT OF TRANSPORTATION
RALEIGH
SUPERSTRUCTURE
GIRDER
CAMBER AND DEFLECTION
TABLES



DocuSigned by:
Matthew Neiheisel 2/20/2018
44E318F9E30749E

REVISIONS				SHEET NO.
BY:	DATE:	NO.	BY:	DATE:
		3		
		4		

TOTAL SHEETS: 37

DRAWN BY : D. H. CARTER DATE : FEB 2018
CHECKED BY : M. T. NEIHEISEL DATE : FEB 2018
DESIGN ENGINEER OF RECORD: M. T. NEIHEISEL DATE : FEB 2018

ICA Engineering, Inc.
555 Fayetteville St.,
Suite 900
Raleigh, NC 27601
NC License No: F-0258

PLOT DRIVER: NCDOT_STRUCTURES_DEFAULT_PLOTTER.plt PENTABLE: NCDOT_STRUCTURES_DEFAULT_PEN.tbl
 USER: dcarter DATE: 2/19/2018 TIME: 1:43:36 PM
 FILE: ... \Structures\dgm\Final\CAD\0554