

NOTES

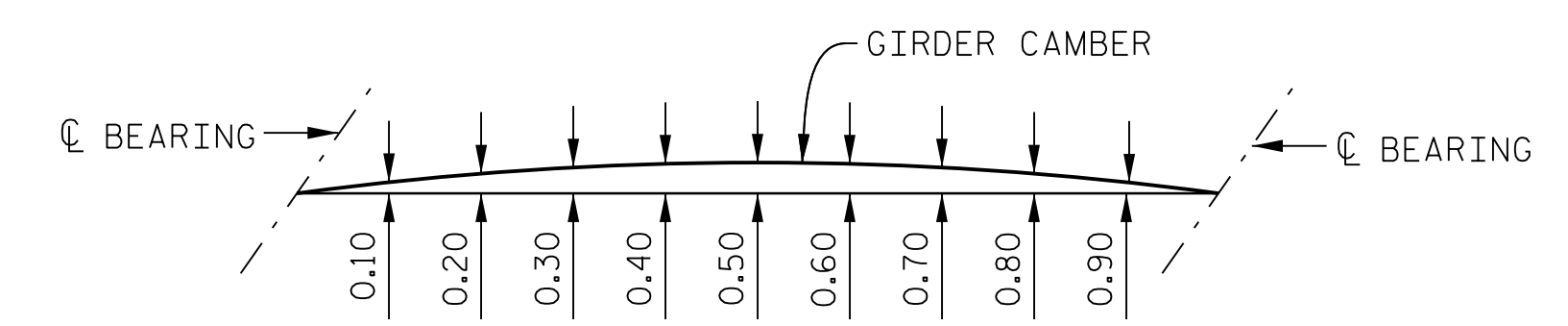
FOR INTERMEDIATE STEEL DIAPHRAGMS, SEE "INTERMEDIATE STEEL DIAPHRAGMS FOR TYPE III PRESTRESSED CONCRETE GIRDERS" SHEET.

FOR ELASTOMERIC BEARING DETAILS, SEE "ELASTOMERIC BEARING DETAILS PRESTRESSED CONCRETE GIRDER SUPERSTRUCTURE" SHEET.

CAMBER AND DEAD LOAD DEFLECTIONS												
SPAN A												
	CL BRG.	0.10	0.20	0.30	0.40	0.50	0.60	0.70	0.80	0.90	CL BRG.	
GIRDER 1 AND GIRDER 4												
CAMBER (GIRDER ALONE IN PLACE)	↑	0.000	0.042	0.080	0.109	0.128	0.134	0.128	0.109	0.080	0.042	0.000
DEFLECTION DUE TO SUPERIMPOSED D.L. *	↓	0.000	0.081	0.160	0.223	0.263	0.277	0.263	0.223	0.160	0.081	0.000
FINAL CAMBER	↑	0	7/16"	1 5/16"	1 3/8"	1 5/8"	1 11/16"	1 5/8"	1 3/8"	1 5/16"	7/16"	0
GIRDER 2 AND GIRDER 3												
CAMBER (GIRDER ALONE IN PLACE)	↑	0.000	0.042	0.080	0.109	0.128	0.134	0.128	0.109	0.080	0.042	0.000
DEFLECTION DUE TO SUPERIMPOSED D.L. *	↓	0.000	0.078	0.155	0.215	0.254	0.267	0.254	0.215	0.155	0.078	0.000
FINAL CAMBER	↑	0	7/16"	7/8"	1 1/4"	1 1/2"	1 9/16"	1 1/2"	1 1/4"	7/8"	7/16"	0

* INCLUDES FUTURE WEARING SURFACE

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



GIRDER CAMBER AND DEFLECTIONS

PROJECT NO. **I-4729A**

POLK COUNTY

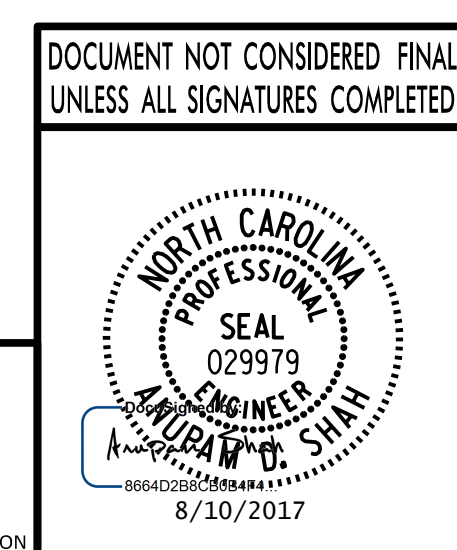
STATION: **22 + 87.20 -RP_E-**

STATE OF NORTH CAROLINA
DEPARTMENT OF TRANSPORTATION
RALEIGH

SUPERSTRUCTURE FRAMING PLAN

REVISIONS						SHEET No.
No.	BY:	DATE:	No.	BY:	DATE:	TOTAL SHEETS
1			3			24
2			4			24

STR. #1



PLANS PREPARED BY:
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FOR NORTH CAROLINA DEPARTMENT OF TRANSPORTATION

DRAWN BY: K. E. LOFTON DATE: 5-17
CHECKED BY: A. D. SHAH DATE: 7-17
DESIGN ENGINEER: A. D. SHAH DATE: 8-17

FILE: I:\Projects\Instruments\Drawings\Final\RP_E-I-4729A_ssm_srf1.fpd
DATE: 8/10/2017 10:20:33 AM