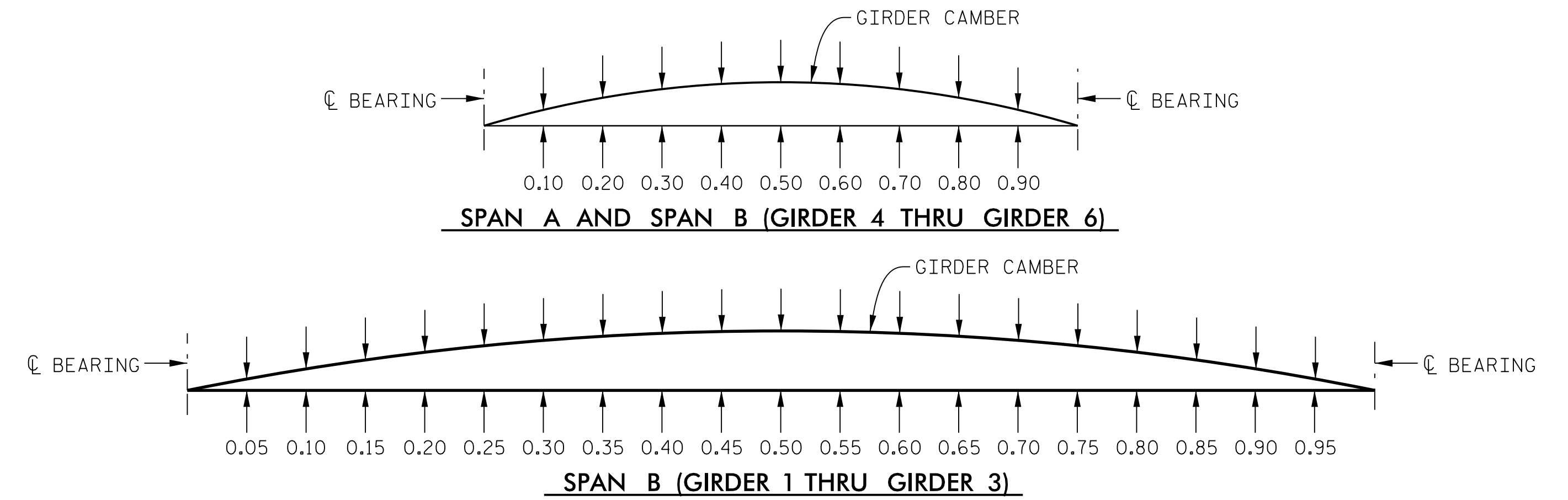


CAMBER AND DEAD LOAD DEFLECTIONS

		SPAN A										
		CL BRG.	0.10	0.20	0.30	0.40	0.50	0.60	0.70	0.80	0.90	CL BRG.
GIRDERS 1 AND 6		CL BRG.	0.10	0.20	0.30	0.40	0.50	0.60	0.70	0.80	0.90	CL BRG.
CAMBER (GIRDER ALONE IN PLACE)	↑	0.000	0.035	0.067	0.091	0.107	0.112	0.107	0.091	0.067	0.035	0.000
DEFLECTION DUE TO SUPERIMPOSED D.L. *	↓	0.000	0.080	0.154	0.219	0.258	0.271	0.258	0.219	0.154	0.080	0.000
FINAL CAMBER	↑	0	3/16"	1/16"	1/2"	1 3/16"	1 7/8"	1 13/16"	1 1/2"	1 1/16"	3/16"	0
GIRDERS 2 THRU 5		CL BRG.	0.10	0.20	0.30	0.40	0.50	0.60	0.70	0.80	0.90	CL BRG.
CAMBER (GIRDER ALONE IN PLACE)	↑	0.000	0.035	0.067	0.091	0.107	0.112	0.107	0.091	0.067	0.035	0.000
DEFLECTION DUE TO SUPERIMPOSED D.L. *	↓	0.000	0.078	0.154	0.213	0.251	0.264	0.251	0.213	0.154	0.078	0.000
FINAL CAMBER	↑	0	1/2"	1 1/16"	1 1/16"	1 3/4"	1 13/16"	1 3/4"	1 1/16"	1 1/16"	1/2"	0



GIRDER CAMBER AND DEFLECTIONS

CAMBER AND DEAD LOAD DEFLECTIONS

		SPAN B																				
		CL BRG.	0.05	0.10	0.15	0.20	0.25	0.30	0.35	0.40	0.45	0.50	0.55	0.60	0.65	0.70	0.75	0.80	0.85	0.90	0.95	CL BRG.
GIRDERS 1		CL BRG.	0.05	0.10	0.15	0.20	0.25	0.30	0.35	0.40	0.45	0.50	0.55	0.60	0.65	0.70	0.75	0.80	0.85	0.90	0.95	CL BRG.
CAMBER (GIRDER ALONE IN PLACE)	↑	0.000	0.036	0.072	0.104	0.136	0.161	0.186	0.201	0.217	0.223	0.228	0.223	0.217	0.201	0.186	0.161	0.136	0.104	0.072	0.036	0.000
DEFLECTION DUE TO SUPERIMPOSED D.L. *	↓	0.000	0.074	0.147	0.218	0.289	0.345	0.400	0.436	0.471	0.483	0.495	0.483	0.471	0.436	0.400	0.345	0.289	0.218	0.147	0.074	0.000
FINAL CAMBER	↑	0	1/16"	7/8"	1 3/8"	1 13/16"	2 3/16"	2 9/16"	2 13/16"	3 1/16"	3 1/8"	3 3/16"	3 1/8"	3 1/16"	2 9/16"	2 3/16"	2 9/16"	1 13/16"	1 3/8"	7/8"	1/16"	0
GIRDERS 2		CL BRG.	0.05	0.10	0.15	0.20	0.25	0.30	0.35	0.40	0.45	0.50	0.55	0.60	0.65	0.70	0.75	0.80	0.85	0.90	0.95	CL BRG.
CAMBER (GIRDER ALONE IN PLACE)	↑	0.000	0.036	0.071	0.103	0.135	0.160	0.185	0.201	0.217	0.222	0.228	0.222	0.217	0.201	0.185	0.160	0.135	0.103	0.071	0.036	0.000
DEFLECTION DUE TO SUPERIMPOSED D.L. *	↓	0.000	0.071	0.142	0.210	0.278	0.332	0.385	0.420	0.454	0.465	0.477	0.465	0.454	0.420	0.385	0.332	0.278	0.210	0.142	0.071	0.000
FINAL CAMBER	↑	0	1/16"	1 3/16"	1 1/4"	1 11/16"	2 1/16"	2 3/8"	2 5/8"	2 7/8"	2 15/16"	3"	2 15/16"	2 7/8"	2 3/8"	2 1/16"	1 11/16"	1 1/4"	1 3/16"	1/16"	0	
GIRDERS 3		CL BRG.	0.05	0.10	0.15	0.20	0.25	0.30	0.35	0.40	0.45	0.50	0.55	0.60	0.65	0.70	0.75	0.80	0.85	0.90	0.95	CL BRG.
CAMBER (GIRDER ALONE IN PLACE)	↑	0.000	0.036	0.071	0.103	0.135	0.159	0.184	0.200	0.216	0.221	0.227	0.221	0.216	0.200	0.184	0.159	0.135	0.103	0.071	0.036	0.000
DEFLECTION DUE TO SUPERIMPOSED D.L. *	↓	0.000	0.066	0.132	0.196	0.260	0.311	0.361	0.393	0.425	0.436	0.446	0.436	0.425	0.393	0.361	0.311	0.260	0.196	0.132	0.066	0.000
FINAL CAMBER	↑	0	3/8"	3/4"	1 1/8"	1 1/2"	1 13/16"	2 1/8"	2 5/16"	2 1/2"	2 9/16"	2 5/8"	2 1/2"	2 5/16"	2 1/8"	1 13/16"	1 1/2"	1 1/8"	3/4"	3/8"	0	

CAMBER AND DEAD LOAD DEFLECTIONS

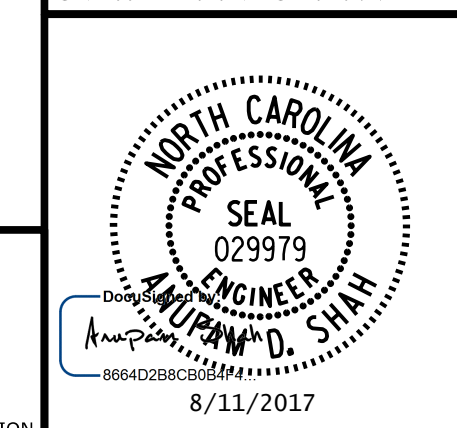
		SPAN B										
		CL BRG.	0.10	0.20	0.30	0.40	0.50	0.60	0.70	0.80	0.90	CL BRG.
GIRDERS 4		CL BRG.	0.10	0.20	0.30	0.40	0.50	0.60	0.70	0.80	0.90	CL BRG.
CAMBER (GIRDER ALONE IN PLACE)	↑	0.000	0.071	0.134	0.183	0.215	0.226	0.215	0.183	0.134	0.071	0.000
DEFLECTION DUE TO SUPERIMPOSED D.L. *	↓	0.000	0.126	0.249	0.345	0.406	0.427	0.406	0.345	0.249	0.126	0.000
FINAL CAMBER	↑	0	1 1/16"	1 3/8"	1 15/16"	2 5/16"	2 7/16"	2 5/16"	1 15/16"	1 3/8"	1 1/16"	0
GIRDERS 5		CL BRG.	0.10	0.20	0.30	0.40	0.50	0.60	0.70	0.80	0.90	CL BRG.
CAMBER (GIRDER ALONE IN PLACE)	↑	0.000	0.071	0.133	0.182	0.214	0.224	0.214	0.182	0.133	0.071	0.000
DEFLECTION DUE TO SUPERIMPOSED D.L. *	↓	0.000	0.124	0.243	0.337	0.397	0.417	0.397	0.337	0.243	0.124	0.000
FINAL CAMBER	↑	0	5/8"	1 5/16"	1 7/8"	2 3/16"	2 5/16"	2 3/16"	1 7/8"	1 5/16"	5/8"	0
GIRDERS 6		CL BRG.	0.10	0.20	0.30	0.40	0.50	0.60	0.70	0.80	0.90	CL BRG.
CAMBER (GIRDER ALONE IN PLACE)	↑	0.000	0.070	0.133	0.182	0.213	0.223	0.213	0.182	0.133	0.070	0.000
DEFLECTION DUE TO SUPERIMPOSED D.L. *	↓	0.000	0.134	0.263	0.365	0.430	0.450	0.430	0.365	0.263	0.134	0.000
FINAL CAMBER	↑	0	3/4"	1 1/16"	2 3/16"	2 5/8"	2 11/16"	2 5/8"	2 3/16"	1 1/16"	3/4"	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-4729A
POLK COUNTY
 STATION: 21+44.22 -RP_F-

DOCUMENT NOT CONSIDERED FINAL
 UNLESS ALL SIGNATURES COMPLETED



STATE OF NORTH CAROLINA DEPARTMENT OF TRANSPORTATION RALEIGH					
SUPERSTRUCTURE					
DEAD LOAD DEFLECTIONS AND CAMBER TABLES					
REVISIONS					
No.	BY:	DATE:	No.	BY:	DATE:
1			3		
2			4		
SHEET No.					S2-14
TOTAL SHEETS					31

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

PLANS PREPARED BY :
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 Raleigh, NC 27606-3386
 NC LICENSE No. F-0246
 FOR NORTH CAROLINA DEPARTMENT OF TRANSPORTATION