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DEAD LOAD DEFLECTION TABLE

	SPAN B																				
0.6"Ø LOW RELAXATION	GIRDER B1																				
TWENTIETH POINT	BRG.	.005	0.1	0.15	0.2	0.25	0.3	0.35	0.4	0.45	0.5	0.55	0.6	0.65	0.7	0.75	0.8	0.85	0.9	0.95	BRG.
CAMBER (GIRDER ALONG IN PLACE) ↑	0	0.030	0.060	0.088	0.114	0.136	0.156	0.171	0.182	0.189	0.191	0.189	0.182	0.171	0.156	0.136	0.114	0.088	0.060	0.030	0.000
✳ DEFLECTION DUE TO SUPERIMPOSED D.L. ↓	0	0.023	0.046	0.068	0.090	0.107	0.124	0.135	0.146	0.150	0.154	0.150	0.146	0.135	0.124	0.107	0.090	0.068	0.046	0.023	0.000
FINAL CAMBER ↑	0	1/16	3/16	1/4	5/16	3/8	3/8	7/16	7/16	7/16	7/16	7/16	7/16	7/16	3/8	3/8	5/16	1/4	3/16	1/16	0
0.6"Ø LOW RELAXATION	GIRDER B2-B5																				
TWENTIETH POINT	BRG.	0.05	0.1	0.15	0.2	0.25	0.3	0.35	0.4	0.45	0.5	0.55	0.6	0.65	0.7	0.75	0.8	0.85	0.9	0.95	BRG.
CAMBER (GIRDER ALONG IN PLACE) ↑	0	0.030	0.060	0.088	0.114	0.136	0.156	0.171	0.182	0.189	0.191	0.189	0.182	0.171	0.156	0.136	0.114	0.088	0.060	0.030	0.000
✳ DEFLECTION DUE TO SUPERIMPOSED D.L. ↓	0	0.024	0.047	0.070	0.092	0.110	0.128	0.140	0.151	0.155	0.158	0.155	0.151	0.140	0.128	0.110	0.092	0.070	0.047	0.024	0.000
FINAL CAMBER ↑	0	1/16	1/8	1/4	1/4	5/16	5/16	3/8	3/8	7/16	7/16	7/16	3/8	1/4	5/16	5/16	1/4	1/4	1/8	1/16	0
0.6"Ø LOW RELAXATION	GIRDER B6-B8																				
TWENTIETH POINT	BRG.	0.05	0.1	0.15	0.2	0.25	0.3	0.35	0.4	0.45	0.5	0.55	0.6	0.65	0.7	0.75	0.8	0.85	0.9	0.95	BRG.
CAMBER (GIRDER ALONG IN PLACE) ↑	0	0.030	0.060	0.087	0.113	0.135	0.154	0.170	0.181	0.187	0.190	0.187	0.181	0.170	0.154	0.135	0.113	0.087	0.060	0.030	0.000
✳ DEFLECTION DUE TO SUPERIMPOSED D.L. ↓	0	0.026	0.052	0.077	0.102	0.122	0.142	0.155	0.167	0.171	0.175	0.171	0.167	0.155	0.142	0.122	0.102	0.077	0.052	0.026	0.000
FINAL CAMBER ↑	0	1/16	1/8	1/8	1/8	1/8	1/8	3/16	3/16	3/16	3/16	3/16	3/16	3/16	1/8	1/8	1/8	1/8	1/8	1/16	0
0.6"Ø LOW RELAXATION	GIRDER B9																				
TWENTIETH POINT	BRG.	0.05	0.1	0.15	0.2	0.25	0.3	0.35	0.4	0.45	0.5	0.55	0.6	0.65	0.7	0.75	0.8	0.85	0.9	0.95	BRG.
CAMBER (GIRDER ALONG IN PLACE) ↑	0	0.030	0.060	0.087	0.113	0.135	0.154	0.170	0.181	0.187	0.190	0.187	0.181	0.170	0.154	0.135	0.113	0.087	0.060	0.030	0.000
✳ DEFLECTION DUE TO SUPERIMPOSED D.L. ↓	0	0.026	0.051	0.075	0.099	0.118	0.137	0.150	0.162	0.166	0.170	0.166	0.162	0.150	0.137	0.118	0.099	0.075	0.051	0.026	0.000
FINAL CAMBER ↑	0	1/16	1/8	1/8	3/16	3/16	3/16	1/4	1/4	1/4	1/4	1/4	1/4	1/4	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).

SIGN CONVENTION FOR DEAD LOAD DEFLECTION TABLE ↑ + ↓ −

DEAD LOAD DEFLECTION TABLE

	SPAN C										
0.6"Ø LOW RELAXATION	GIRDER C1-C9										
TENTH POINT	BRG.	0.1	0.2	0.3	0.4	0.5	0.6	0.7	0.8	0.9	BRG.
CAMBER (GIRDER ALONG IN PLACE) ↑	0	0.004	0.007	0.010	0.011	0.012	0.011	0.010	0.007	0.004	0
✳ DEFLECTION DUE TO SUPERIMPOSED D.L. ↓	0	0.001	0.001	0.002	0.002	0.002	0.002	0.002	0.001	0.001	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
ALL VALUES ARE SHOWN IN FEET (DECIMAL FORM), EXCEPT "FINAL CAMBER," WHICH IS GIVEN IN INCHES (FRACTION FORM).

SIGN CONVENTION FOR DEAD LOAD DEFLECTION TABLE ↑ + ↓ −

PROJECT NO. B-5119
GUILFORD COUNTY
STATION: 26+31.94 -L - / 16+43.93 -Y1-
SHEET 4 OF 5

NORTH CAROLINA PROFESSIONAL SEAL 12186 ENGINEER CECIL L. NARRON

DocuSigned by: Cecil L. Narron C169A3D645024DD... 11/3/2014

Kimley»Horn
333 Fayetteville Street, Suite 600
Raleigh, NC 27601-1772
Phone (919) 835-1494
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STATE OF NORTH CAROLINA
DEPARTMENT OF TRANSPORTATION
RALEIGH

STANDARD

PRESTRESSED CONCRETE GIRDER CONTINUOUS FOR LIVE LOAD DETAILS

REVISIONS						SHEET NO.
NO.	BY:	DATE:	NO.	BY:	DATE:	S-18
1			3			TOTAL SHEETS
2			4			77

STD. NO. PCG9

ASSEMBLED BY : JIK		DATE : 10/14	
CHECKED BY : JCW		DATE : 10/14	
DRAWN BY : ELR 11/91	REV. 7/10/01RR LES/RDR		
CHECKED BY : GRP 11/91	REV. 5/1/06 TLA/GM		
	REV. 10/1/11 MAA/GM		

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