DEAD LOAD DEFLECTION TABLE FOR GIRDERS

0.6" Ø LOW RELAXATION	SPAN A										
	GIRDERS A1, A5 THRU A9 & A12										
TENTH POINTS	0	.1	.2	.3	.4	.5	.6	.7	.8	.9	0
CAMBER (GIRDER ALONE IN PLACE) ↑	0.0	0.131	0.248	0.340	0.398	0.418	0.398	0.340	0.248	0.131	0.0
✳ DEFLECTION DUE TO SUPERIMPOSED D.L. ↓	0.0	0.048	0.091	0.125	0.146	0.153	0.146	0.125	0.091	0.048	0.0
FINAL CAMBER ↑	0.0	1"	1 7/8"	2 9/16"	3"	3 3/16"	3"	2 9/16"	1 7/8"	1"	0.0

✳ 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	SPAN A										
	GIRDERS A2, A3, A4, A10 & A11										
TENTH POINTS	0	.1	.2	.3	.4	.5	.6	.7	.8	.9	0
CAMBER (GIRDER ALONE IN PLACE) ↑	0.0	0.131	0.248	0.340	0.398	0.418	0.398	0.340	0.248	0.131	0.0
✳ DEFLECTION DUE TO SUPERIMPOSED D.L. ↓	0.0	0.043	0.081	0.111	0.130	0.137	0.130	0.111	0.081	0.043	0.0
FINAL CAMBER ↑	0.0	1 1/16"	2"	2 3/4"	3 3/16"	3 3/8"	3 3/16"	2 3/4"	2"	1 1/16"	0.0

✳ 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	SPAN B										
	GIRDERS B1, B5 THRU B8 & B12										
TENTH POINTS	0	.1	.2	.3	.4	.5	.6	.7	.8	.9	0
CAMBER (GIRDER ALONE IN PLACE) ↑	0.0	0.128	0.241	0.331	0.387	0.406	0.387	0.331	0.241	0.128	0.0
✳ DEFLECTION DUE TO SUPERIMPOSED D.L. ↓	0.0	0.044	0.083	0.113	0.132	0.139	0.132	0.113	0.083	0.044	0.0
FINAL CAMBER ↑	0.0	1"	1 7/8"	2 5/8"	3 1/16"	3 3/16"	3 1/16"	2 5/8"	1 7/8"	1"	0.0

✳ 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	SPAN B										
	GIRDERS B2 THRU B4 & B9 THRU B11										
TENTH POINTS	0	.1	.2	.3	.4	.5	.6	.7	.8	.9	0
CAMBER (GIRDER ALONE IN PLACE) ↑	0.0	0.128	0.241	0.331	0.387	0.406	0.387	0.331	0.241	0.128	0.0
✳ DEFLECTION DUE TO SUPERIMPOSED D.L. ↓	0.0	0.039	0.074	0.101	0.118	0.124	0.118	0.101	0.074	0.039	0.0
FINAL CAMBER ↑	0.0	1 1/16"	2"	2 3/4"	3 1/4"	3 3/8"	3 1/4"	2 3/4"	2"	1 1/16"	0.0

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

PROJECT NO. U-2579B
FORSYTH COUNTY
STATION: 482+13.14 -L-

STATE OF NORTH CAROLINA
DEPARTMENT OF TRANSPORTATION
RALEIGH

SUPERSTRUCTURE

DEAD LOAD DEFLECTIONS

NORTH CAROLINA PROFESSIONAL SEAL 031480 ENGINEER DONALD R. SMITH, JR.

DocuSigned by: Donald R. Smith Jr.
43B435A14F3B465...
7/30/2014

REVISIONS						SHEET NO.
NO.	BY:	DATE:	NO.	BY:	DATE:	S-17
1			3			TOTAL SHEETS
2			4			707

STR. #1

DRAWN BY : M.K. BEARD DATE : 12/12/13
CHECKED BY : P.S. ADKINS DATE : 3/10/14
DESIGN ENGINEER OF RECORD: H.T. DIEU DATE : 6/9/14

29-JUL-2014 14:35
R:\Structures\Plans\Str01\U2579B_SD_G*_01.dgn
lsutton