

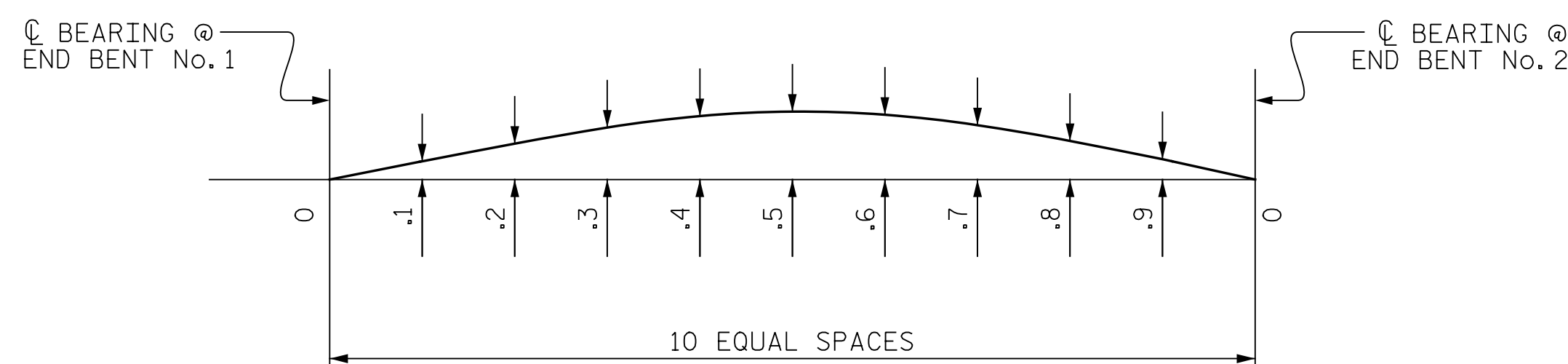
DEAD LOAD DEFLECTION TABLE FOR GIRDERS

TENTH POINTS	GIRDER 1 & GIRDER 6											GIRDER 2 & GIRDER 5											GIRDER 3 & GIRDER 4										
	0	.1	.2	.3	.4	.5	.6	.7	.8	.9	0	0	.1	.2	.3	.4	.5	.6	.7	.8	.9	0	0	.1	.2	.3	.4	.5	.6	.7	.8	.9	0
DEFLECTION DUE TO WEIGHT OF GIRDER ↓	0	0.023	0.044	0.059	0.069	0.072	0.069	0.059	0.044	0.023	0	0	0.023	0.044	0.059	0.069	0.072	0.069	0.059	0.044	0.023	0	0	0.023	0.044	0.059	0.069	0.072	0.069	0.059	0.044	0.023	0
DEFLECTION DUE TO WEIGHT OF SLAB * ↓	0	0.062	0.124	0.171	0.201	0.211	0.201	0.171	0.124	0.062	0	0	0.055	0.111	0.154	0.181	0.190	0.181	0.154	0.111	0.055	0	0	0.048	0.098	0.136	0.160	0.168	0.160	0.136	0.098	0.048	0
DEFLECTION DUE TO WEIGHT OF BARRIER RAIL ↓	0	0.011	0.020	0.028	0.032	0.033	0.032	0.028	0.020	0.011	0	0	0.011	0.020	0.028	0.032	0.033	0.032	0.028	0.020	0.011	0	0	0.011	0.020	0.028	0.032	0.033	0.032	0.028	0.020	0.011	0
TOTAL DEAD LOAD DEFLECTION ↓	0	0.096	0.188	0.258	0.302	0.316	0.302	0.258	0.188	0.096	0	0	0.089	0.175	0.241	0.282	0.295	0.282	0.241	0.175	0.089	0	0	0.082	0.162	0.223	0.261	0.273	0.261	0.223	0.162	0.082	0
VERTICAL CURVE ORDINATE ↑	0	0.025	0.045	0.058	0.067	0.070	0.067	0.058	0.045	0.025	0	0	0.025	0.045	0.058	0.067	0.070	0.067	0.058	0.045	0.025	0	0	0.025	0.045	0.058	0.067	0.070	0.067	0.058	0.045	0.025	0
REQUIRED CAMBER ↑	0	1 7/16"	2 13/16"	3 13/16"	4 7/16"	4 5/8"	4 7/16"	3 13/16"	2 13/16"	1 7/16"	0	0	1 3/8"	2 5/8"	3 9/16"	4 13/16"	4 3/8"	4 13/16"	3 9/16"	2 5/8"	1 3/8"	0	0	1 1/4"	2 1/2"	3 3/8"	3 5/16"	4 1/8"	3 5/16"	3 3/8"	2 1/2"	1 1/4"	0

* INCLUDES SLAB, BUILDUPS & STAY-IN-PLACE FORMS.

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

FABRICATORS SHALL DETAIL DIAPHRAGM MEMBERS AND CONNECTIONS FOR FULL DEAD LOAD FIT UP. GIRDERS SHALL BE PLUMB AFTER THE FULL AMOUNT OF DEAD LOAD IS APPLIED.



SCHEMATIC OF CAMBER ORDINATES

PROJECT NO. 41665.7A
CUMBERLAND COUNTY
 STATION: 106+59.74 -L1-
14+51.19 -Y-



DocuSigned by:
Richard F. Wertman
 11/7/2017

STATE OF NORTH CAROLINA
 DEPARTMENT OF TRANSPORTATION
 RALEIGH
 SUPERSTRUCTURE
 DEAD LOAD
 DEFLECTION TABLES

DRAWN BY : I.M. FORD DATE : 10/09/17
 CHECKED BY : R.F. WERTMAN DATE : 10/14/17
 DESIGN ENGINEER OF RECORD : R.F. WERTMAN DATE : 11/06/17

PLANS PREPARED BY:
Gannett Fleming
 Excellence Delivered *As Promised* NC Lic. No. F-0270
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 (919) 420-7660

DOCUMENT NOT CONSIDERED
 FINAL UNLESS ALL
 SIGNATURES COMPLETED

REVISIONS						SHEET NO.
NO.	BY:	DATE:	NO.	BY:	DATE:	SHEET NO.
1			3			S02-11
2			4			TOTAL SHEETS 24