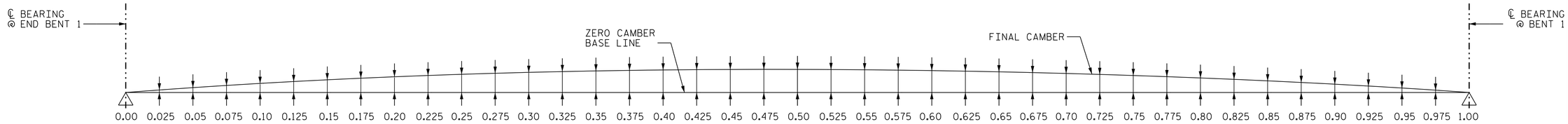
DocuSign Envelope ID: 00DFFA7A-2215-4221-90EB-674A336CD565



GIRDER 1

	0.000	0.025	0.050	0.075	0.100	0.125	0.150	0.175	0.200	0.225	0.250	0.275	0.300	0.325	0.350	0.375	0.400	0.425	0.450	0.475	0.500	0.525	0.550	0.575	0.600	0.625	0.650	0.675	0.700	0.725	0.750	0.775	0.800	0.825	0.850	0.875	0.900	0.925	0.950	0.975	1.000
CAMBER (GIRDER ALONE IN PLACE) ↑	0.000	0.014	0.027	0.039	0.050	0.060	0.069	0.078	0.085	0.092	0.098	0.103	0.108	0.112	0.116	0.119	0.121	0.123	0.124	0.125	0.126	0.125	0.124	0.123	0.121	0.119	0.116	0.112	0.108	0.103	0.098	0.092	0.085	0.078	0.069	0.060	0.050	0.039	0.027	0.014	0.000
DEFL. DUE TO SUPERIMPOSED DL ** ↓	0.000	-0.006	-0.012	-0.018	-0.024	-0.030	-0.036	-0.042	-0.048	-0.053	-0.057	-0.062	-0.067	-0.070	-0.073	-0.076	-0.079	-0.080	-0.081	-0.082	-0.083	-0.082	-0.081	-0.080	-0.079	-0.076	-0.073	-0.070	-0.067	-0.062	-0.058	-0.053	-0.048	-0.042	-0.036	-0.031	-0.025	-0.019	-0.012	-0.006	0.000
FINAL CAMBER ↑	0"	1/8"	3/16"	1/4"	5/16"	3/8"	3/8"	7/16"	7/16"	1/2"	1/2"	1/2"	1/2"	1/2"	1/2"	1/2"	1/2"	1/2"	1/2"	1/2"	1/2"	1/2"	1/2"	1/2"	1/2"	1/2"	1/2"	1/2"	1/2"	1/2"	1/2"	7/16"	7/16"	7/16"	3/8"	3/8"	5/16"	1/4"	3/16"	1/8"	0"

** INCLUDES FUTURE WEARING SURFACE IN SUPERIMPOSED DEAD LOAD.

GIRDER 2-4

	0.000	0.025	0.050	0.075	0.100	0.125	0.150	0.175	0.200	0.225	0.250	0.275	0.300	0.325	0.350	0.375	0.400	0.425	0.450	0.475	0.500	0.525	0.550	0.575	0.600	0.625	0.650	0.675	0.700	0.725	0.750	0.775	0.800	0.825	0.850	0.875	0.900	0.925	0.950	0.975	1.000
CAMBER (GIRDER ALONE IN PLACE) ↑	0.000	0.014	0.027	0.039	0.050	0.060	0.069	0.078	0.085	0.092	0.098	0.103	0.108	0.112	0.116	0.119	0.121	0.123	0.124	0.125	0.126	0.125	0.124	0.123	0.121	0.119	0.116	0.112	0.108	0.103	0.098	0.092	0.085	0.078	0.069	0.060	0.050	0.039	0.027	0.014	0.000
DEFL. DUE TO SUPERIMPOSED DL ** ↓	0.000	-0.007	-0.014	-0.021	-0.028	-0.035	-0.042	-0.049	-0.056	-0.061	-0.067	-0.072	-0.078	-0.081	-0.084	-0.088	-0.091	-0.092	-0.094	-0.095	-0.096	-0.095	-0.094	-0.092	-0.091	-0.088	-0.084	-0.081	-0.078	-0.072	-0.067	-0.061	-0.056	-0.049	-0.042	-0.035	-0.028	-0.021	-0.014	-0.007	0.000
FINAL CAMBER ↑	0"	1/16"	1/8"	3/16"	1/4"	5/16"	5/16"	3/8"	3/8"	3/8"	3/8"	3/8"	3/8"	3/8"	3/8"	3/8"	3/8"	3/8"	3/8"	3/8"	3/8"	3/8"	3/8"	3/8"	3/8"	3/8"	3/8"	3/8"	3/8"	3/8"	3/8"	3/8"	3/8"	5/16"	5/16"	5/16"	1/4"	3/16"	1/8"	1/16"	0"

** INCLUDES FUTURE WEARING SURFACE IN SUPERIMPOSED DEAD LOAD.

GIRDER 5

	0.000	0.025	0.050	0.075	0.100	0.125	0.150	0.175	0.200	0.225	0.250	0.275	0.300	0.325	0.350	0.375	0.400	0.425	0.450	0.475	0.500	0.525	0.550	0.575	0.600	0.625	0.650	0.675	0.700	0.725	0.750	0.775	0.800	0.825	0.850	0.875	0.900	0.925	0.950	0.975	1.000
CAMBER (GIRDER ALONE IN PLACE) ↑	0.000	0.014	0.027	0.039	0.050	0.060	0.069	0.078	0.085	0.092	0.098	0.103	0.108	0.112	0.116	0.119	0.121	0.123	0.124	0.125	0.126	0.125	0.124	0.123	0.121	0.119	0.116	0.112	0.108	0.103	0.098	0.092	0.085	0.078	0.069	0.060	0.050	0.039	0.027	0.014	0.000
DEFL. DUE TO SUPERIMPOSED DL ** ↓	0.000	-0.006	-0.013	-0.019	-0.026	-0.032	-0.038	-0.044	-0.050	-0.055	-0.060	-0.065	-0.070	-0.073	-0.076	-0.079	-0.083	-0.084	-0.085	-0.086	-0.087	-0.086	-0.085	-0.084	-0.083	-0.080	-0.076	-0.073	-0.056	-0.070	-0.065	-0.056	-0.051	-0.044	-0.038	-0.032	-0.026	-0.019	-0.013	-0.006	0.000
FINAL CAMBER ↑	0"	1/16"	3/16"	1/4"	5/16"	5/16"	3/8"	3/8"	7/16"	7/16"	7/16"	7/16"	7/16"	1/2"	1/2"	1/2"	7/16"	1/2"	1/2"	1/2"	7/16"	1/2"	1/2"	1/2"	7/16"	1/2"	1/2"	7/16"	7/16"	7/16"	7/16"	7/16"	7/16"	3/8"	3/8"	5/16"	5/16"	1/4"	3/16"	1/16"	0"

** INCLUDES FUTURE WEARING SURFACE IN SUPERIMPOSED DEAD LOAD.

SCHEMATIC CAMBER ORDINATES SPAN A

ALL VALUES ARE SHOWN IN DECIMALS OF A FOOT EXCEPT
"FINAL CAMBER" WHICH IS SHOWN IN INCHES.

PROJECT NO. R-2707D

CLEVELAND COUNTY

STATION: 23+21.80 -Y3-

SHEET 1 OF 2

STATE OF NORTH CAROLINA
DEPARTMENT OF TRANSPORTATION
RALEIGH

SUPERSTRUCTURE

DEAD LOAD DEFLECTIONS
SPAN A

NORTH CAROLINA PROFESSIONAL SEAL 47083 ENGINEER VICKY E. FRAGA
5/16/2023
DocuSigned by: 9A2AA421...

DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED

REVISIONS						SHEET NO.
NO.	BY:	DATE:	NO.	BY:	DATE:	S3-20
1			3			TOTAL SHEETS
2			4			36

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801 Jones Franklin Road
Suite 300
Raleigh, NC 27606
Tel. (919) 851-6866
Fax. (919) 851-7024
www.stantec.com
License No. F-0672

DRAWN BY : J. E. HAGENBUSH DATE : 05/03/23
CHECKED BY : V. E. FRAGA DATE : 05/04/23
DESIGN ENGINEER OF RECORD: V. E. FRAGA DATE : 05/16/23

c:\pw_working\dms55403\R2707D_SMU_DL01_220490.dgn 5/16/2023 11:35:32 AM JHagenbush