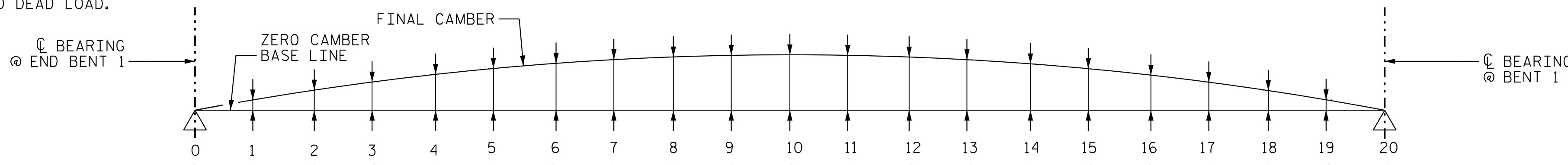


GIRDERS 1 & 4 - SPAN A

TWENTIETH PTS. BTWN. BRGS.	0.00	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	1.00
CAMBER (GIRDER ALONE IN PLACE) ↑	0.000	0.032	0.064	0.093	0.120	0.144	0.165	0.181	0.193	0.200	0.203	0.200	0.193	0.181	0.165	0.144	0.120	0.093	0.064	0.032	0.000
DEFLEC. DUE TO SUPERIMPOSED DL ** ↓	0.000	0.014	0.026	0.040	0.051	0.062	0.070	0.077	0.083	0.085	0.086	0.085	0.083	0.077	0.070	0.062	0.051	0.040	0.026	0.014	0.000
FINAL CAMBER ↑	0"	3/16"	7/16"	5/8"	13/16"	1"	1 1/8"	1 1/4"	1 5/16"	1 3/8"	1 3/8"	1 3/8"	1 5/16"	1 1/4"	1 1/8"	1"	13/16"	5/8"	7/16"	3/16"	0"

** INCLUDES FUTURE WEARING SURFACE IN SUPERIMPOSED DEAD LOAD.

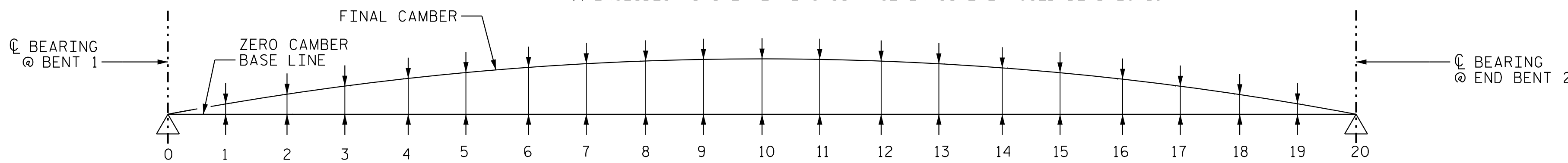


SPAN A

GIRDERS 2 & 3 - SPAN A

TWENTIETH PTS. BTWN. BRGS.	0.00	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	1.00
CAMBER (GIRDER ALONE IN PLACE) ↑	0.000	0.032	0.064	0.093	0.120	0.144	0.165	0.181	0.193	0.200	0.203	0.200	0.193	0.181	0.165	0.144	0.120	0.093	0.064	0.032	0.000
DEFLEC. DUE TO SUPERIMPOSED DL ** ↓	0.000	0.017	0.032	0.049	0.062	0.076	0.086	0.095	0.101	0.105	0.106	0.105	0.101	0.095	0.086	0.076	0.062	0.049	0.032	0.017	0.000
FINAL CAMBER ↑	0"	3/16"	3/8"	1/2"	11/16"	13/16"	15/16"	1 1/16"	1 1/8"	1 1/8"	1 3/16"	1 1/8"	1 1/8"	1 1/16"	15/16"	13/16"	11/16"	1/2"	3/8"	3/16"	0"

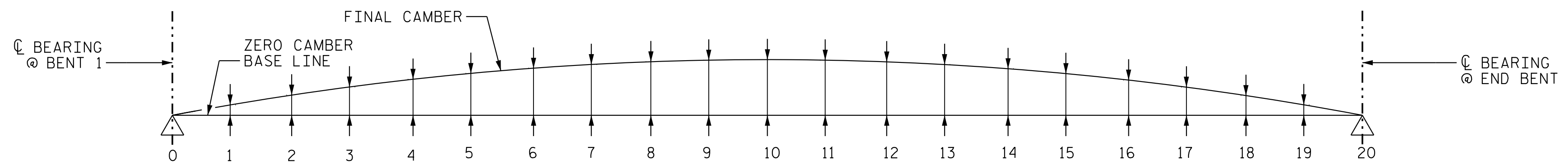
** INCLUDES FUTURE WEARING SURFACE IN SUPERIMPOSED DEAD LOAD.



GIRDERS 1 & 4 - SPAN B

TWENTIETH PTS. BTWN. BRGS.	0.00	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	1.00
CAMBER (GIRDER ALONE IN PLACE) ↑	0.000	0.039	0.076	0.112	0.144	0.173	0.197	0.217	0.231	0.240	0.243	0.240	0.231	0.217	0.197	0.173	0.144	0.112	0.076	0.039	0.000
DEFLEC. DUE TO SUPERIMPOSED DL ** ↓	0.000	0.018	0.032	0.051	0.061	0.079	0.088	0.099	0.105	0.110	0.111	0.110	0.105	0.099	0.088	0.079	0.061	0.051	0.032	0.018	0.000
FINAL CAMBER ↑	0"	1/4"	1/2"	3/4"	1"	1 1/8"	1 5/16"	1 7/16"	1 1/2"	1 9/16"	1 9/16"	1 9/16"	1 1/2"	1 7/16"	1 5/16"	1 1/8"	1"	3/4"	1/2"	1/4"	0"

** INCLUDES FUTURE WEARING SURFACE IN SUPERIMPOSED DEAD LOAD.



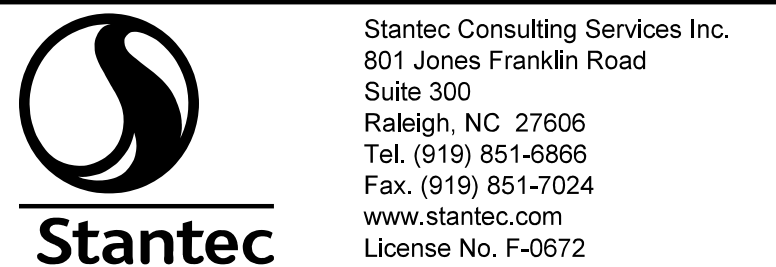
SPAN B

GIRDERS 2 & 3 - SPAN B

TWENTIETH PTS. BTWN. BRGS.	0.00	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	1.00
CAMBER (GIRDER ALONE IN PLACE) ↑	0.000	0.039	0.076	0.112	0.144	0.173	0.197	0.217	0.231	0.240	0.243	0.240	0.231	0.217	0.197	0.173	0.144	0.112	0.076	0.039	0.000
DEFLEC. DUE TO SUPERIMPOSED DL ** ↓	0.000	0.022	0.039	0.063	0.078	0.097	0.109	0.122	0.129	0.135	0.136	0.135	0.129	0.122	0.109	0.097	0.078	0.063	0.039	0.022	0.000
FINAL CAMBER ↑	0"	3/16"	7/16"	9/16"	13/16"	15/16"	1 1/16"	1 1/8"	1 1/4"	1 1/4"	1 5/16"	1 1/4"	1 1/4"	1 1/8"	1 1/16"	15/16"	13/16"	9/16"	7/16"	3/16"	0"

** INCLUDES FUTURE WEARING SURFACE IN SUPERIMPOSED DEAD LOAD.

PROJECT NO. R-2707E
CLEVELAND COUNTY
 STATION: 13+08.49 -Y42-



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

SCHEMATIC CAMBER ORDINATES

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



STATE OF NORTH CAROLINA
 DEPARTMENT OF TRANSPORTATION
 RALEIGH

DEAD LOAD DEFLECTIONS

REVISIONS						SHEET NO.
NO.	BY:	DATE:	NO.	BY:	DATE:	S7-18
1			3			TOTAL SHEETS
2			4			34

DRAWN BY: J. GEILE DATE: 01/23/18
 CHECKED BY: A. L. BOYKIN DATE: 02/17/23
 DESIGN ENGINEER OF RECORD: J. T. KELVINGTON DATE: 05/05/23

DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED

5/5/2023 12:48:27 PM jgeile c:\users\jgeile\documents\p_w\working\ms5559\R2707E-SMJ-DL01-220494.dgn