

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	0.021	0.042	0.063	0.083	0.103	0.122	0.140	0.157	0.173	0.189	0.202	0.215	0.226	0.237	0.245	0.252	0.257	0.262	0.263	0.265	0.263	0.262	0.257	0.252	0.245	0.237	0.226	0.215	0.202	0.189	0.173	0.157	0.140	0.122	0.103	0.083	0.063	0.042	0.021	0.000		
DEFL. DUE TO SUPERIMPOSED DL *** ↓	0.000	-0.016	-0.032	-0.047	-0.063	-0.077	-0.092	-0.106	-0.120	-0.131	-0.142	-0.153	-0.164	-0.172	-0.179	-0.186	-0.193	-0.195	-0.198	-0.200	-0.203	-0.200	-0.198	-0.195	-0.193	-0.185	-0.178	-0.171	-0.164	-0.153	-0.142	-0.130	-0.119	-0.105	-0.091	-0.077	-0.063	-0.047	-0.031	-0.016	0.000		
FINAL CAMBER ↑	0"	1/16"	1/8"	3/16"	1/4"	5/16"	3/8"	7/16"	1/2"	9/16"	5/8"	5/8"	11/16"	11/16"	11/16"	3/4"	3/4"	3/4"	3/4"	3/4"	3/4"	3/4"	3/4"	3/4"	11/16"	11/16"	11/16"	11/16"	5/8"	5/8"	9/16"	1/2"	7/16"	7/16"	3/8"	3/8"	5/16"	1/4"	3/16"	1/8"	1/16"	1/16"	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	0.021	0.042	0.063	0.083	0.103	0.122	0.140	0.157	0.173	0.189	0.202	0.215	0.226	0.237	0.245	0.252	0.257	0.262	0.263	0.265	0.263	0.262	0.257	0.252	0.245	0.237	0.226	0.215	0.202	0.189	0.173	0.157	0.140	0.122	0.103	0.083	0.063	0.042	0.021	0.000	
DEFL. DUE TO SUPERIMPOSED DL *** ↓	0.000	-0.018	-0.037	-0.055	-0.073	-0.090	-0.106	-0.122	-0.138	-0.151	-0.164	-0.176	-0.189	-0.197	-0.205	-0.214	-0.222	-0.224	-0.227	-0.230	-0.233	-0.230	-0.227	-0.224	-0.222	-0.213	-0.205	-0.197	-0.189	-0.176	-0.164	-0.151	-0.138	-0.122	-0.106	-0.089	-0.073	-0.055	-0.037	-0.018	0.000	
FINAL CAMBER ↑	0"	1/16"	1/16"	1/16"	1/8"	1/8"	3/16"	3/16"	1/4"	1/4"	5/16"	5/16"	5/16"	3/8"	3/8"	3/8"	3/8"	7/16"	3/8"	3/8"	3/8"	3/8"	7/16"	3/8"	3/8"	3/8"	3/8"	3/8"	3/8"	5/16"	5/16"	5/16"	1/4"	1/4"	3/16"	3/16"	3/16"	1/8"	1/16"	1/16"	1/16"	0"

\*\*\* INCLUDES FUTURE WEARING SURFACE IN SUPERIMPOSED DEAD LOAD.

GIRDER 5-8	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	0.021	0.042	0.063	0.083	0.102	0.122	0.140	0.157	0.173	0.189	0.202	0.215	0.226	0.237	0.244	0.252	0.257	0.262	0.263	0.265	0.263	0.262	0.257	0.252	0.244	0.237	0.226	0.215	0.202	0.189	0.173	0.157	0.140	0.122	0.102	0.083	0.063	0.042	0.021	0.000		
DEFL. DUE TO SUPERIMPOSED DL *** ↓	0.000	-0.018	-0.036	-0.054	-0.072	-0.088	-0.103	-0.119	-0.135	-0.148	-0.160	-0.173	-0.185	-0.193	-0.201	-0.209	-0.217	-0.220	-0.222	-0.225	-0.228	-0.225	-0.222	-0.220	-0.217	-0.209	-0.201	-0.193	-0.185	-0.173	-0.160	-0.148	-0.135	-0.119	-0.103	-0.088	-0.072	-0.054	-0.036	-0.018	0.000		
FINAL CAMBER ↑	0"	1/16"	1/16"	1/8"	1/8"	3/16"	1/4"	1/4"	1/4"	5/16"	5/16"	3/8"	3/8"	3/8"	7/16"	7/16"	7/16"	7/16"	1/2"	7/16"	7/16"	7/16"	7/16"	1/2"	7/16"	7/16"	7/16"	7/16"	3/8"	3/8"	3/8"	5/16"	5/16"	5/16"	1/4"	1/4"	1/4"	3/16"	1/8"	1/8"	1/16"	1/16"	0"

\*\*\* INCLUDES FUTURE WEARING SURFACE IN SUPERIMPOSED DEAD LOAD.

GIRDER 9	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	0.021	0.042	0.063	0.083	0.102	0.122	0.140	0.157	0.173	0.189	0.202	0.215	0.226	0.237	0.244	0.252	0.257	0.262	0.263	0.265	0.263	0.262	0.257	0.252	0.244	0.237	0.226	0.215	0.202	0.189	0.173	0.157	0.140	0.122	0.102	0.083	0.063	0.042	0.021	0.000
DEFL. DUE TO SUPERIMPOSED DL *** ↓	0.000	-0.019	-0.038	-0.056	-0.075	-0.092	-0.108	-0.125	-0.142	-0.155	-0.168	-0.181	-0.194	-0.202	-0.210	-0.218	-0.227	-0.230	-0.232	-0.235	-0.238	-0.235	-0.233	-0.230	-0.227	-0.219	-0.210	-0.202	-0.194	-0.181	-0.168	-0.155	-0.142	-0.125	-0.109	-0.092	-0.076	-0.057	-0.038	-0.019	0.000
FINAL CAMBER ↑	0"	0"	1/16"	1/16"	1/8"	1/8"	3/16"	3/16"	3/16"	1/4"	1/4"	1/4"	1/4"	5/16"	5/16"	5/16"	5/16"	5/16"	3/8"	5/16"	5/16"	5/16"	5/16"	5/16"	5/16"	5/16"	5/16"	5/16"	1/4"	1/4"	1/4"	3/16"	3/16"	3/16"	3/16"	1/8"	1/16"	1/16"	1/16"	0"	0"

\*\*\* INCLUDES FUTURE WEARING SURFACE IN SUPERIMPOSED DEAD LOAD.

### SCHEMATIC CAMBER ORDINATES SPAN B

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

**PRELIMINARY PLANS**  
**DO NOT USE FOR CONSTRUCTION**

PROJECT NO. R-2707D  
CLEVELAND COUNTY  
STATION: 36+78.38 -RAMP A-

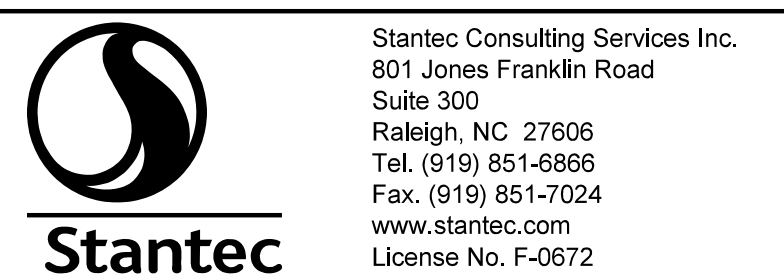
SHEET 2 OF 2

STATE OF NORTH CAROLINA  
DEPARTMENT OF TRANSPORTATION  
RALEIGH  
SUPERSTRUCTURE  
DEAD LOAD DEFLECTIONS  
SPAN B



DocuSigned by:  
**Victor E. Fraga**  
4/10/2023  
DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED

REVISIONS						SHEET NO.
NO.	BY:	DATE:	NO.	BY:	DATE:	S4-20
1			3			TOTAL SHEETS
2			4			43



DRAWN BY: K. A. WOYAHN DATE: 12/14/22  
CHECKED BY: T. R. DUDECK DATE: 01/30/23  
DESIGN ENGINEER OF RECORD: V. E. FRAGA DATE: 05/09/23

2023-05-05 15:20:33 vfraga c:\Users\vfraga\documents\p\_w\_working\jms5432\R2707D\_SMU\_DL02\_220491.dgn