

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	0.031	0.060	0.087	0.112	0.136	0.157	0.177	0.196	0.212	0.228	0.241	0.254	0.264	0.274	0.282	0.289	0.294	0.298	0.300	0.301	0.300	0.298	0.294	0.289	0.282	0.274	0.264	0.254	0.241	0.228	0.212	0.196	0.177	0.157	0.136	0.112	0.087	0.060	0.031	0.000	
DEFL. DUE TO SUPERIMPOSED DL ** ↓	0.000	-0.019	-0.039	-0.058	-0.077	-0.095	-0.113	-0.131	-0.149	-0.164	-0.178	-0.192	-0.206	-0.215	-0.224	-0.233	-0.242	-0.246	-0.249	-0.252	-0.255	-0.252	-0.249	-0.246	-0.243	-0.233	-0.224	-0.215	-0.206	-0.192	-0.178	-0.164	-0.149	-0.131	-0.113	-0.095	-0.077	-0.058	-0.038	-0.019	0.000	
FINAL CAMBER ↑	0"	1/8"	1/4"	3/8"	7/16"	1/2"	1/2"	9/16"	9/16"	9/16"	5/8"	9/16"	9/16"	9/16"	5/8"	9/16"	9/16"	9/16"	9/16"	9/16"	9/16"	9/16"	9/16"	9/16"	9/16"	9/16"	5/8"	9/16"	9/16"	9/16"	5/8"	9/16"	9/16"	9/16"	9/16"	1/2"	1/2"	7/16"	3/8"	1/4"	1/8"	0"

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

GIRDER(S) 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	0.031	0.060	0.087	0.112	0.136	0.157	0.177	0.196	0.212	0.228	0.241	0.254	0.264	0.274	0.282	0.289	0.294	0.298	0.300	0.301	0.300	0.298	0.294	0.289	0.282	0.274	0.264	0.254	0.241	0.228	0.212	0.196	0.177	0.157	0.136	0.112	0.087	0.060	0.031	0.000
DEFL. DUE TO SUPERIMPOSED DL ** ↓	0.000	-0.022	-0.043	-0.065	-0.087	-0.107	-0.128	-0.148	-0.169	-0.185	-0.201	-0.217	-0.233	-0.243	-0.253	-0.264	-0.274	-0.277	-0.281	-0.284	-0.288	-0.284	-0.281	-0.277	-0.274	-0.264	-0.253	-0.243	-0.233	-0.217	-0.201	-0.184	-0.168	-0.148	-0.127	-0.107	-0.087	-0.065	-0.043	-0.022	0.000
FINAL CAMBER ↑	0"	1/8"	3/16"	1/4"	5/16"	5/16"	3/8"	3/8"	5/16"	5/16"	5/16"	5/16"	1/4"	1/4"	1/4"	1/4"	3/16"	3/16"	3/16"	3/16"	1/8"	3/16"	3/16"	3/16"	3/16"	1/4"	1/4"	1/4"	1/4"	5/16"	5/16"	5/16"	5/16"	3/8"	3/8"	3/8"	5/16"	1/4"	3/16"	1/8"	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	0.031	0.060	0.087	0.112	0.136	0.157	0.177	0.196	0.212	0.228	0.241	0.254	0.264	0.274	0.282	0.289	0.294	0.298	0.300	0.301	0.300	0.298	0.294	0.289	0.282	0.274	0.264	0.254	0.241	0.228	0.212	0.196	0.177	0.157	0.136	0.112	0.087	0.060	0.031	0.000	
DEFL. DUE TO SUPERIMPOSED DL ** ↓	0.000	-0.019	-0.039	-0.058	-0.078	-0.096	-0.114	-0.133	-0.151	-0.165	-0.180	-0.194	-0.209	-0.218	-0.227	-0.236	-0.245	-0.248	-0.251	-0.254	-0.258	-0.254	-0.251	-0.248	-0.245	-0.236	-0.227	-0.217	-0.208	-0.194	-0.179	-0.165	-0.150	-0.132	-0.114	-0.096	-0.077	-0.058	-0.039	-0.019	0.000	
FINAL CAMBER ↑	0"	1/8"	1/4"	3/8"	7/16"	1/2"	1/2"	9/16"	9/16"	9/16"	9/16"	9/16"	9/16"	9/16"	9/16"	9/16"	1/2"	9/16"	9/16"	9/16"	9/16"	1/2"	9/16"	9/16"	9/16"	1/2"	9/16"	9/16"	9/16"	9/16"	9/16"	9/16"	9/16"	9/16"	9/16"	1/2"	1/2"	7/16"	3/8"	1/4"	1/8"	0"

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

5/16/2023 11:35:39 AM jHagenbush

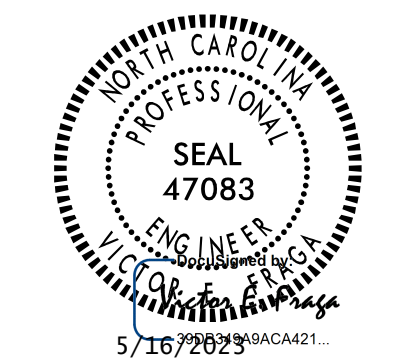
PROJECT NO. R-2707D  
CLEVELAND COUNTY  
 STATION: 23+21.80 -Y3-

SHEET 2 OF 2

STATE OF NORTH CAROLINA  
 DEPARTMENT OF TRANSPORTATION  
 RALEIGH  
 SUPERSTRUCTURE

DEAD LOAD DEFLECTIONS  
 SPAN B

REVISIONS						SHEET NO.
NO.	BY:	DATE:	NO.	BY:	DATE:	S3-21
1			3			TOTAL SHEETS
2			4			36



DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED

### SCHEMATIC CAMBER ORDINATES SPAN B

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

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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