

DEAD LOAD DEFLECTION TABLE FOR GIRDERS																																										
0.6" Ø LOW RELAXATION	SPAN A																																									
	GIRDERS A1 & A7																																									
FORTIETH POINTS	0	0.025	0.05	0.075	0.10	0.125	0.15	0.175	0.20	0.225	0.25	0.275	0.30	0.325	0.35	0.375	0.40	0.425	0.45	0.475	0.50	0.525	0.55	0.575	0.60	0.625	0.65	0.675	0.70	0.725	0.75	0.775	0.80	0.825	0.85	0.875	0.90	0.925	0.95	0.975	0	
CAMBER ( GIRDER ALONE IN PLACE) ↑	0.000	0.024	0.047	0.070	0.093	0.115	0.137	0.157	0.175	0.194	0.212	0.227	0.241	0.254	0.265	0.275	0.283	0.289	0.293	0.296	0.297	0.296	0.293	0.288	0.283	0.275	0.265	0.254	0.241	0.227	0.212	0.194	0.176	0.157	0.137	0.115	0.093	0.070	0.047	0.024	0.000	
* DEFLECTION DUE TO SUPERIMPOSED D.L. ↓	0.000	0.018	0.037	0.055	0.073	0.090	0.108	0.125	0.143	0.157	0.171	0.184	0.198	0.207	0.216	0.225	0.234	0.237	0.240	0.243	0.246	0.243	0.240	0.237	0.234	0.225	0.216	0.207	0.198	0.184	0.171	0.157	0.143	0.125	0.108	0.090	0.073	0.055	0.037	0.018	0.000	
FINAL CAMBER ↑	0	1/16"	1/8"	3/16"	1/4"	5/16"	3/8"	3/8"	3/8"	7/16"	1/2"	1/2"	1/2"	9/16"	9/16"	5/8"	9/16"	5/8"	5/8"	5/8"	5/8"	5/8"	5/8"	5/8"	5/8"	9/16"	5/8"	9/16"	9/16"	1/2"	1/2"	1/2"	7/16"	3/8"	3/8"	3/8"	5/16"	1/4"	3/16"	1/8"	1/16"	0

\* INCLUDES FUTURE WEARING SURFACE  
ALL VALUES ARE SHOWN IN FEET ( DECIMAL FORM ), EXCEPT "FINAL CAMBER", WHICH IS GIVEN IN INCHES ( FRACTION FORM).

DEAD LOAD DEFLECTION TABLE FOR GIRDERS																																										
0.6" Ø LOW RELAXATION	SPAN A																																									
	GIRDERS A2 & A6																																									
FORTIETH POINTS	0	0.025	0.05	0.075	0.10	0.125	0.15	0.175	0.20	0.225	0.25	0.275	0.30	0.325	0.35	0.375	0.40	0.425	0.45	0.475	0.50	0.525	0.55	0.575	0.60	0.625	0.65	0.675	0.70	0.725	0.75	0.775	0.80	0.825	0.85	0.875	0.90	0.925	0.95	0.975	0	
CAMBER ( GIRDER ALONE IN PLACE) ↑	0.000	0.024	0.047	0.070	0.093	0.115	0.137	0.157	0.175	0.194	0.212	0.227	0.241	0.254	0.265	0.275	0.283	0.289	0.293	0.296	0.297	0.296	0.293	0.288	0.283	0.275	0.265	0.254	0.241	0.227	0.212	0.194	0.176	0.157	0.137	0.115	0.093	0.070	0.047	0.024	0.000	
* DEFLECTION DUE TO SUPERIMPOSED D.L. ↓	0.000	0.021	0.041	0.062	0.082	0.101	0.121	0.141	0.160	0.175	0.191	0.206	0.222	0.232	0.242	0.252	0.262	0.265	0.268	0.271	0.275	0.271	0.268	0.265	0.262	0.252	0.242	0.232	0.222	0.206	0.191	0.175	0.160	0.141	0.121	0.101	0.082	0.062	0.041	0.021	0.000	
FINAL CAMBER ↑	0	1/16"	1/16"	1/8"	1/8"	3/16"	3/16"	3/16"	3/16"	1/4"	1/4"	1/4"	1/4"	1/4"	1/4"	1/4"	1/4"	5/16"	5/16"	5/16"	1/4"	5/16"	5/16"	5/16"	1/4"	1/4"	1/4"	1/4"	1/4"	1/4"	1/4"	1/4"	1/4"	3/16"	3/16"	3/16"	3/16"	1/8"	1/8"	1/16"	1/16"	0

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

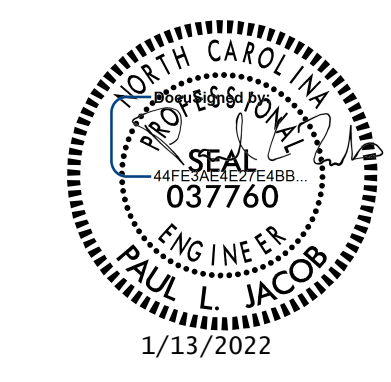
DEAD LOAD DEFLECTION TABLE FOR GIRDERS																																										
0.6" Ø LOW RELAXATION	SPAN A																																									
	GIRDERS A3 & A5																																									
FORTIETH POINTS	0	0.025	0.05	0.075	0.10	0.125	0.15	0.175	0.20	0.225	0.25	0.275	0.30	0.325	0.35	0.375	0.40	0.425	0.45	0.475	0.50	0.525	0.55	0.575	0.60	0.625	0.65	0.675	0.70	0.725	0.75	0.775	0.80	0.825	0.85	0.875	0.90	0.925	0.95	0.975	0	
CAMBER ( GIRDER ALONE IN PLACE) ↑	0.000	0.024	0.047	0.070	0.093	0.115	0.137	0.157	0.175	0.194	0.212	0.227	0.241	0.254	0.265	0.275	0.283	0.289	0.293	0.296	0.297	0.296	0.293	0.288	0.283	0.275	0.265	0.254	0.241	0.227	0.212	0.194	0.176	0.157	0.137	0.115	0.093	0.070	0.047	0.024	0.000	
* DEFLECTION DUE TO SUPERIMPOSED D.L. ↓	0.000	0.020	0.040	0.060	0.081	0.100	0.119	0.139	0.158	0.173	0.188	0.204	0.219	0.228	0.238	0.248	0.258	0.261	0.265	0.267	0.271	0.267	0.265	0.261	0.258	0.248	0.238	0.228	0.219	0.204	0.188	0.173	0.158	0.139	0.119	0.100	0.081	0.060	0.040	0.020	0.000	
FINAL CAMBER ↑	0	1/16"	1/16"	1/8"	1/8"	3/16"	3/16"	1/4"	3/16"	1/4"	5/16"	1/4"	1/4"	5/16"	5/16"	5/16"	5/16"	5/16"	5/16"	5/16"	5/16"	5/16"	5/16"	5/16"	5/16"	5/16"	5/16"	5/16"	5/16"	1/4"	1/4"	5/16"	1/4"	3/16"	1/4"	3/16"	3/16"	1/8"	1/8"	1/16"	1/16"	0

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DEAD LOAD DEFLECTION TABLE FOR GIRDERS																																										
0.6" Ø LOW RELAXATION	SPAN A																																									
	GIRDER A4																																									
FORTIETH POINTS	0	0.025	0.05	0.075	0.10	0.125	0.15	0.175	0.20	0.225	0.25	0.275	0.30	0.325	0.35	0.375	0.40	0.425	0.45	0.475	0.50	0.525	0.55	0.575	0.60	0.625	0.65	0.675	0.70	0.725	0.75	0.775	0.80	0.825	0.85	0.875	0.90	0.925	0.95	0.975	0	
CAMBER ( GIRDER ALONE IN PLACE) ↑	0.000	0.024	0.047	0.070	0.093	0.115	0.137	0.157	0.175	0.194	0.212	0.227	0.241	0.254	0.265	0.275	0.283	0.289	0.293	0.296	0.297	0.296	0.293	0.288	0.283	0.275	0.265	0.254	0.241	0.227	0.212	0.194	0.176	0.157	0.137	0.115	0.093	0.070	0.047	0.024	0.000	
* DEFLECTION DUE TO SUPERIMPOSED D.L. ↓	0.000	0.020	0.039	0.058	0.077	0.095	0.114	0.132	0.151	0.165	0.180	0.194	0.209	0.218	0.228	0.237	0.246	0.249	0.253	0.256	0.259	0.256	0.253	0.249	0.246	0.237	0.228	0.218	0.209	0.194	0.180	0.165	0.151	0.132	0.114	0.095	0.077	0.058	0.039	0.020	0.000	
FINAL CAMBER ↑	0	1/16"	1/8"	1/8"	3/16"	1/4"	1/4"	5/16"	5/16"	5/16"	3/8"	3/8"	3/8"	7/16"	7/16"	7/16"	7/16"	1/2"	1/2"	1/2"	7/16"	1/2"	1/2"	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"	3/16"	1/8"	1/8"	1/16"	1/16"	0

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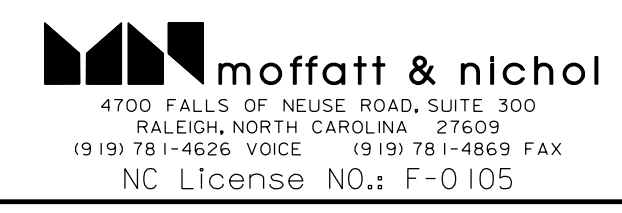
PROJECT NO. B-5737  
ROCKINGHAM COUNTY  
 STATION: 20+86.07 -L-



STATE OF NORTH CAROLINA  
 DEPARTMENT OF TRANSPORTATION  
 RALEIGH

DEAD LOAD DEFLECTIONS

DRAWN BY : J. LOFTUS DATE : 03-2021  
 CHECKED BY : P. JACOB DATE : 07-2021  
 DESIGN ENGINEER OF RECORD: J. LOFTUS DATE : 04-2021



DOCUMENT NOT CONSIDERED  
 FINAL UNLESS ALL  
 SIGNATURES COMPLETED

REVISIONS						SHEET NO.
NO.	BY:	DATE:	NO.	BY:	DATE:	S-14
1			3			TOTAL SHEETS
2			4			29

1/12/2022 02:19:10 PM \\10011-103\B5737\Structures\01-CADD\03-FinalDrawings\01\_027\_B5737\_SMU.D01\_014\_780108.dgn p.jacob