

DEAD LOAD DEFLECTION TABLE FOR GIRDERS																						
0.6" Ø LOW RELAXATION STRANDS		SPAN G GIRDERS 1 & 5																				
	℄ BRG.	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	℄ BRG.	
CAMBER (GIRDER ALONE IN PLACE)	↑	0.000	0.020	0.039	0.057	0.073	0.088	0.100	0.110	0.117	0.121	0.123	0.121	0.117	0.110	0.100	0.088	0.073	0.057	0.039	0.020	0.000
* DEFLECTION DUE TO SUPERIMPOSED D.L.	↓	0.000	0.013	0.026	0.039	0.051	0.062	0.071	0.078	0.083	0.087	0.088	0.087	0.083	0.078	0.071	0.062	0.051	0.039	0.026	0.013	0.000
FINAL CAMBER	↑	0	1/16"	1/8"	3/16"	1/4"	5/16"	3/8"	3/8"	7/16"	7/16"	7/16"	7/16"	7/16"	3/8"	3/8"	5/16"	1/4"	3/16"	1/8"	1/16"	0

DEAD LOAD DEFLECTION TABLE FOR GIRDERS																						
0.6" Ø LOW RELAXATION STRANDS		SPAN G GIRDERS 2, 3, & 4																				
	℄ BRG.	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	℄ BRG.	
CAMBER (GIRDER ALONE IN PLACE)	↑	0.000	0.020	0.039	0.057	0.073	0.088	0.100	0.110	0.117	0.121	0.123	0.121	0.117	0.110	0.100	0.088	0.073	0.057	0.039	0.020	0.000
* DEFLECTION DUE TO SUPERIMPOSED D.L.	↓	0.000	0.014	0.028	0.042	0.055	0.066	0.076	0.083	0.089	0.093	0.094	0.093	0.089	0.083	0.076	0.066	0.055	0.042	0.028	0.014	0.000
FINAL CAMBER	↑	0	1/16"	1/8"	3/16"	1/4"	1/4"	5/16"	5/16"	3/8"	3/8"	3/8"	3/8"	3/8"	5/16"	5/16"	1/4"	1/4"	3/16"	1/8"	1/16"	0

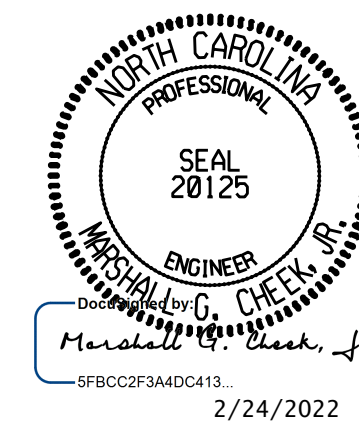
DEAD LOAD DEFLECTION TABLE FOR GIRDERS																						
0.6" Ø LOW RELAXATION STRANDS		SPAN H GIRDERS 1 & 5																				
	℄ BRG.	0.05	0.10	0.15	0.20	0.25	0.30	0.35	0.40	0.45	0.50	0.55	0.60	0.65	0.70	0.75	0.80	0.85	0.90	0.95	℄ BRG.	
CAMBER (GIRDER ALONE IN PLACE)	↑	0.000	0.026	0.051	0.075	0.097	0.116	0.133	0.146	0.155	0.161	0.163	0.161	0.155	0.146	0.133	0.116	0.097	0.075	0.051	0.026	0.000
* DEFLECTION DUE TO SUPERIMPOSED D.L.	↓	0.000	0.018	0.035	0.053	0.069	0.084	0.096	0.106	0.113	0.117	0.119	0.117	0.113	0.106	0.097	0.084	0.070	0.054	0.036	0.018	0.000
FINAL CAMBER	↑	0	1/16"	3/16"	1/4"	5/16"	3/8"	7/16"	1/2"	1/2"	9/16"	9/16"	9/16"	1/2"	1/2"	7/16"	3/8"	5/16"	1/4"	3/16"	1/16"	0

DEAD LOAD DEFLECTION TABLE FOR GIRDERS																						
0.6" Ø LOW RELAXATION STRANDS		SPAN H GIRDERS 2, 3, & 4																				
	℄ BRG.	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	℄ BRG.	
CAMBER (GIRDER ALONE IN PLACE)	↑	0.000	0.026	0.051	0.075	0.097	0.116	0.133	0.146	0.155	0.161	0.163	0.161	0.155	0.146	0.133	0.116	0.097	0.075	0.051	0.026	0.000
* DEFLECTION DUE TO SUPERIMPOSED D.L.	↓	0.000	0.019	0.038	0.057	0.074	0.089	0.102	0.113	0.121	0.125	0.127	0.125	0.121	0.113	0.103	0.090	0.075	0.058	0.039	0.020	0.000
FINAL CAMBER	↑	0	1/16"	3/16"	1/4"	1/4"	5/16"	3/8"	3/8"	7/16"	7/16"	7/16"	7/16"	7/16"	3/8"	3/8"	5/16"	1/4"	1/4"	3/16"	1/16"	0

* INCLUDES FUTURE WEARING SURFACE
ALL VALUES ARE SHOWN IN FEET, EXCEPT "FINAL CAMBER" WHICH IS SHOWN IN INCHES.

PROJECT NO. B-4786
PITT COUNTY
STATION: 28+03.00 -L-

SHEET 7 OF 9



STATE OF NORTH CAROLINA
DEPARTMENT OF TRANSPORTATION
RALEIGH

DEAD LOAD DEFLECTIONS

DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED		REVISIONS						SHEET NO.
TGS ENGINEERS 706 HILLSBOROUGH STREET SUITE 200 RALEIGH, NC 27603 PH (919) 773-8887 CORP. LICENSE NO.: C-0275		NO.	BY:	DATE:	NO.	BY:	DATE:	S-23
1					3			TOTAL SHEETS
2					4			57

DRAWN BY : STM DATE : 08/21
CHECKED BY : MGC DATE : 08/21
DESIGN ENGINEER OF RECORD : STM DATE : 08/21