

SPANS D, E, F AND J																						
GIRDER 1	TWENTIETH POINTS	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	0.00
	CAMBER (GIRDER ALONE IN PLACE) (FT.)	0.000	0.054	0.106	0.156	0.201	0.242	0.276	0.303	0.323	0.335	0.339	0.335	0.323	0.303	0.276	0.242	0.201	0.156	0.106	0.054	0.000
	* DEFLECTION DUE TO SUPERIMPOSED D.L. (FT.)	0.000	0.036	0.072	0.107	0.139	0.168	0.193	0.212	0.226	0.235	0.238	0.235	0.226	0.212	0.193	0.168	0.139	0.107	0.072	0.036	0.000
	FINAL CAMBER (IN.)	0	3/16"	1/6"	3/16"	3/4"	7/8"	1"	1 1/16"	1 3/16"	1 3/16"	1 3/16"	1 3/16"	1 3/16"	1 1/16"	1"	7/8"	3/4"	9/16"	7/16"	3/16"	0
GIRDERS 2-4	CAMBER (GIRDER ALONE IN PLACE) (FT.)	0.000	0.054	0.106	0.156	0.201	0.242	0.276	0.303	0.323	0.335	0.339	0.335	0.323	0.303	0.276	0.242	0.201	0.156	0.106	0.054	0.000
	* DEFLECTION DUE TO SUPERIMPOSED D.L. (FT.)	0.000	0.038	0.076	0.114	0.148	0.179	0.205	0.226	0.241	0.250	0.253	0.250	0.241	0.226	0.205	0.179	0.148	0.114	0.076	0.038	0.000
	FINAL CAMBER (IN.)	0	3/16"	3/8"	1/2"	5/8"	3/4"	13/16"	15/16"	1"	1"	1"	1"	1"	15/16"	13/16"	3/4"	5/8"	1/2"	3/8"	3/16"	0
GIRDER 5	CAMBER (GIRDER ALONE IN PLACE) (FT.)	0.000	0.054	0.106	0.156	0.201	0.242	0.276	0.303	0.323	0.335	0.339	0.335	0.323	0.303	0.276	0.242	0.201	0.156	0.106	0.054	0.000
	* DEFLECTION DUE TO SUPERIMPOSED D.L. (FT.)	0.000	0.034	0.069	0.102	0.133	0.160	0.184	0.202	0.216	0.224	0.227	0.224	0.216	0.202	0.184	0.160	0.133	0.102	0.069	0.034	0.000
	FINAL CAMBER (IN.)	0	1/4"	1/6"	5/8"	13/16"	1"	1 1/8"	1 3/16"	1 5/16"	1 5/16"	1 3/8"	1 5/16"	1 5/16"	1 3/16"	1 1/8"	1"	13/16"	5/8"	7/16"	1/4"	0

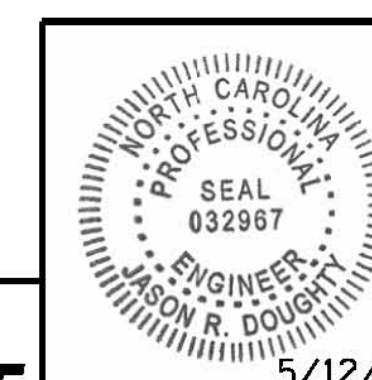
SPANS G, H AND I												
GIRDERS 1-5	TENTH POINTS	0.00	0.10	0.20	0.30	0.40	0.50	0.60	0.70	0.80	0.90	0.00
	CAMBER (GIRDER ALONE IN PLACE) (FT.)	0.000	0.025	0.047	0.065	0.076	0.080	0.076	0.065	0.047	0.025	0.000
	* DEFLECTION DUE TO SUPERIMPOSED D.L. (FT.)	0.000	0.014	0.027	0.037	0.044	0.046	0.044	0.037	0.027	0.014	0.000
	FINAL CAMBER (IN.)	0	1/8"	1/4"	5/16"	3/8"	3/8"	3/8"	5/16"	1/4"	1/8"	0

SPANS K AND L																						
GIRDER 1	TWENTIETH POINTS	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	0.00
	CAMBER (GIRDER ALONE IN PLACE) (FT.)	0.000	0.054	0.106	0.156	0.201	0.242	0.276	0.303	0.323	0.335	0.339	0.335	0.323	0.303	0.276	0.242	0.201	0.156	0.106	0.054	0.000
	* DEFLECTION DUE TO SUPERIMPOSED D.L. (FT.)	0.000	0.037	0.075	0.112	0.146	0.176	0.202	0.223	0.237	0.246	0.250	0.246	0.237	0.223	0.202	0.176	0.146	0.112	0.075	0.037	0.000
	FINAL CAMBER (IN.)	0	3/16"	3/8"	1/2"	11/16"	13/16"	7/8"	15/16"	1"	1 1/16"	1 1/16"	1 1/16"	1"	15/16"	7/8"	13/16"	11/16"	1/2"	3/8"	3/16"	0
GIRDERS 2-4	CAMBER (GIRDER ALONE IN PLACE) (FT.)	0.000	0.054	0.106	0.156	0.201	0.242	0.276	0.303	0.323	0.335	0.339	0.335	0.323	0.303	0.276	0.242	0.201	0.156	0.106	0.054	0.000
	* DEFLECTION DUE TO SUPERIMPOSED D.L. (FT.)	0.000	0.039	0.078	0.116	0.151	0.182	0.209	0.230	0.245	0.255	0.258	0.255	0.245	0.230	0.209	0.182	0.151	0.116	0.078	0.039	0.000
	FINAL CAMBER (IN.)	0	3/16"	5/16"	1/2"	5/8"	11/16"	13/16"	7/8"	15/16"	15/16"	1"	15/16"	15/16"	7/8"	13/16"	11/16"	5/8"	1/2"	5/16"	3/16"	0
GIRDER 5	CAMBER (GIRDER ALONE IN PLACE) (FT.)	0.000	0.054	0.106	0.156	0.201	0.242	0.276	0.303	0.323	0.335	0.339	0.335	0.323	0.303	0.276	0.242	0.201	0.156	0.106	0.054	0.000
	* DEFLECTION DUE TO SUPERIMPOSED D.L. (FT.)	0.000	0.036	0.072	0.107	0.139	0.168	0.192	0.212	0.226	0.235	0.238	0.235	0.226	0.212	0.192	0.168	0.139	0.107	0.072	0.036	0.000
	FINAL CAMBER (IN.)	0	3/16"	1/6"	3/16"	3/4"	7/8"	1"	1 1/16"	1 3/16"	1 3/16"	1 3/16"	1 3/16"	1 3/16"	1 1/16"	1"	7/8"	3/4"	9/16"	7/16"	3/16"	0

\* INCLUDES FUTURE WEARING SURFACE

PROJECT NO. B-4929  
PENDER COUNTY  
STATION: 38+13.81 -L2-

SHEET 1 OF 2



**PARSONS BRINCKERHOFF**  
434 FAYETTEVILLE STREET  
SUITE 1500  
RALEIGH, NC 27601  
LICENSE NO. F-0165

DocuSigned by:  
*Jason R. Doughty*  
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STATE OF NORTH CAROLINA	
DEPARTMENT OF TRANSPORTATION	
RALEIGH	
SUPERSTRUCTURE	
DEAD LOAD DEFLECTIONS	
72" F.I.B. GIRDERS	
REVISIONS	
NO.	BY: DATE:
1	
2	
3	
4	
SHEET NO.	
S-101	
TOTAL SHEETS	
278	

DESIGNED BY: JDB/EMD DATE: FEB 2016  
DRAWN BY: M. HOBBS DATE: FEB 2016  
CHECKED BY: B. LOFLIN DATE: FEB 2016  
DESIGN ENGINEER OF RECORD: J. DOUGHTY DATE: MAY 2016

5/10/2016 4:00:19 PM B4929\_SMU\_DL72\_01.dgn