

SPAN M																							
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	0.241	0.275	0.302	0.322	0.334	0.338	0.334	0.322	0.302	0.275	0.241	0.201	0.156	0.106	0.054	0.000	
	* DEFLECTION DUE TO SUPERIMPOSED D.L. (FT.)	0.000	0.035	0.071	0.106	0.138	0.167	0.191	0.210	0.224	0.232	0.236	0.232	0.224	0.210	0.191	0.167	0.138	0.106	0.071	0.035	0.000	
	FINAL CAMBER (IN.)	0	1/4"	7/16"	5/8"	3/4"	7/8"	1"	1 1/8"	1 3/16"	1 1/4"	1 1/4"	1 1/4"	1 3/16"	1 1/8"	1"	7/8"	3/4"	5/8"	7/16"	1/4"	0	
GIRDERS 2-4	CAMBER (GIRDER ALONE IN PLACE) (FT.)	0.000	0.054	0.107	0.156	0.202	0.242	0.276	0.303	0.323	0.335	0.339	0.335	0.323	0.303	0.276	0.242	0.202	0.156	0.107	0.054	0.000	
	* DEFLECTION DUE TO SUPERIMPOSED D.L. (FT.)	0.000	0.038	0.077	0.115	0.150	0.181	0.207	0.228	0.244	0.253	0.256	0.253	0.244	0.228	0.207	0.181	0.150	0.115	0.077	0.038	0.000	
	FINAL CAMBER (IN.)	0	3/16"	3/8"	1/2"	5/8"	3/4"	13/16"	7/8"	15/16"	1"	1"	1"	15/16"	7/8"	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	0.107	0.156	0.202	0.242	0.276	0.304	0.323	0.336	0.340	0.336	0.323	0.304	0.276	0.242	0.202	0.156	0.107	0.054	0.000	
	* DEFLECTION DUE TO SUPERIMPOSED D.L. (FT.)	0.000	0.039	0.078	0.116	0.152	0.183	0.210	0.231	0.247	0.256	0.259	0.256	0.247	0.231	0.210	0.183	0.152	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"	15/16"	15/16"	15/16"	7/8"	13/16"	11/16"	5/8"	1/2"	5/16"	3/16"	0	

SPAN Z																							
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	0.073	0.108	0.141	0.170	0.195	0.215	0.229	0.238	0.241	0.238	0.229	0.215	0.195	0.170	0.141	0.108	0.073	0.036	0.000	
	FINAL CAMBER (IN.)	0	3/16"	3/8"	9/16"	11/16"	7/8"	15/16"	1 1/16"	1 1/8"	1 3/16"	1 3/16"	1 3/16"	1 1/8"	1 1/16"	15/16"	7/8"	11/16"	9/16"	3/8"	3/16"	0	
GIRDERS 2-5	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	0.035	0.070	0.104	0.136	0.164	0.188	0.208	0.221	0.230	0.233	0.230	0.221	0.208	0.188	0.164	0.136	0.104	0.070	0.035	0.000	
	FINAL CAMBER (IN.)	0	1/4"	7/16"	5/8"	13/16"	15/16"	1 1/16"	1 1/8"	1 3/16"	1 1/4"	1 1/4"	1 1/4"	1 3/16"	1 1/8"	1 1/16"	15/16"	13/16"	5/8"	7/16"	1/4"	0	
GIRDER 6	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	0.035	0.071	0.105	0.137	0.165	0.189	0.208	0.222	0.231	0.234	0.231	0.222	0.208	0.189	0.165	0.137	0.105	0.071	0.035	0.000	
	FINAL CAMBER (IN.)	0	1/4"	7/16"	5/8"	3/4"	15/16"	1 1/16"	1 1/8"	1 3/16"	1 1/4"	1 1/4"	1 1/4"	1 3/16"	1 1/8"	1 1/16"	15/16"	3/4"	5/8"	7/16"	1/4"	0	

* INCLUDES FUTURE WEARING SURFACE.

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

SHEET 2 OF 2



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

DocuSigned by:
Jason R Doughty
00F1C86448274F7...

STATE OF NORTH CAROLINA DEPARTMENT OF TRANSPORTATION RALEIGH					
SUPERSTRUCTURE DEAD LOAD DEFLECTIONS 72" F.I.B. GIRDERS					
REVISIONS					SHEET NO.
NO.	BY:	DATE:	NO.	BY:	DATE:
1			3		
2			4		
					TOTAL SHEETS 278

DESIGNED BY: J. BORUTA 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 400_201_B4929_SMU_DL_T2_02.dgn