

DEAD LOAD DEFLECTION TABLE FOR GIRDERS																																										
GIRDERS B1, B5 & D1, D5																																										
0.6" ∅ LOW RELAXATION	BRG.	1/40	2/40	3/40	4/40	5/40	6/40	7/40	8/40	9/40	10/40	11/40	12/40	13/40	14/40	15/40	16/40	17/40	18/40	19/40	20/40	21/40	22/40	23/40	24/40	25/40	26/40	27/40	28/40	29/40	30/40	31/40	32/40	33/40	34/40	35/40	36/40	37/40	38/40	39/40	BRG.	
CAMBER (GIRDER IN PLACE) ↑	0	0.016	0.033	0.049	0.065	0.080	0.095	0.109	0.123	0.136	0.148	0.158	0.169	0.177	0.186	0.192	0.198	0.201	0.205	0.206	0.207	0.206	0.205	0.201	0.198	0.192	0.186	0.177	0.169	0.158	0.148	0.136	0.123	0.109	0.095	0.080	0.065	0.049	0.033	0.016	0	
* DEFLECTION DUE TO SUPERIMPOSED D.L. ↓	0	0.013	0.025	0.038	0.050	0.062	0.074	0.086	0.097	0.107	0.116	0.125	0.134	0.140	0.146	0.152	0.158	0.160	0.162	0.164	0.166	0.164	0.162	0.160	0.158	0.152	0.146	0.140	0.134	0.125	0.116	0.107	0.097	0.086	0.074	0.062	0.050	0.038	0.025	0.013	0	
FINAL CAMBER ↑	0	1/16"	1/8"	1/8"	3/16"	1/4"	1/4"	5/16"	5/16"	3/8"	3/8"	3/8"	7/16"	7/16"	7/16"	7/16"	1/2"	1/2"	1/2"	1/2"	1/2"	1/2"	1/2"	1/2"	1/2"	1/2"	7/16"	7/16"	7/16"	7/16"	3/8"	3/8"	3/8"	5/16"	5/16"	1/4"	1/4"	3/16"	1/8"	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																																										
GIRDERS B2, B3, B4 & D2, D3, D4																																										
0.6" ∅ LOW RELAXATION	BRG.	1/40	2/40	3/40	4/40	5/40	6/40	7/40	8/40	9/40	10/40	11/40	12/40	13/40	14/40	15/40	16/40	17/40	18/40	19/40	20/40	21/40	22/40	23/40	24/40	25/40	26/40	27/40	28/40	29/40	30/40	31/40	32/40	33/40	34/40	35/40	36/40	37/40	38/40	39/40	BRG.	
CAMBER (GIRDER IN PLACE) ↑	0	0.016	0.033	0.049	0.065	0.080	0.095	0.109	0.123	0.136	0.148	0.158	0.169	0.177	0.186	0.192	0.198	0.201	0.205	0.206	0.207	0.206	0.205	0.201	0.198	0.192	0.186	0.177	0.169	0.158	0.148	0.136	0.123	0.109	0.095	0.080	0.065	0.049	0.033	0.016	0	
* DEFLECTION DUE TO SUPERIMPOSED D.L. ↓	0	0.012	0.024	0.036	0.048	0.059	0.070	0.082	0.093	0.102	0.111	0.119	0.128	0.134	0.139	0.145	0.151	0.153	0.155	0.156	0.158	0.156	0.155	0.153	0.151	0.145	0.139	0.134	0.128	0.119	0.111	0.102	0.093	0.082	0.070	0.059	0.048	0.036	0.024	0.012	0	
FINAL CAMBER ↑	0	1/16"	1/8"	1/8"	3/16"	1/4"	5/16"	5/16"	3/8"	3/8"	7/16"	7/16"	1/2"	1/2"	9/16"	9/16"	9/16"	9/16"	5/8"	5/8"	5/8"	5/8"	5/8"	5/8"	9/16"	9/16"	9/16"	9/16"	1/2"	1/2"	7/16"	7/16"	3/8"	3/8"	5/16"	5/16"	1/4"	3/16"	1/8"	1/8"	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																																									
GIRDERS C1 & C5																																									
0.6" ∅ LOW RELAXATION	BRG.	1/40	2/40	3/40	4/40	5/40	6/40	7/40	8/40	9/40	10/40	11/40	12/40	13/40	14/40	15/40	16/40	17/40	18/40	19/40	20/40	21/40	22/40	23/40	24/40	25/40	26/40	27/40	28/40	29/40	30/40	31/40	32/40	33/40	34/40	35/40	36/40	37/40	38/40	39/40	BRG.
CAMBER (GIRDER IN PLACE) ↑	0	0.016	0.033	0.049	0.065	0.080	0.095	0.109	0.123	0.136	0.148	0.158	0.169	0.177	0.185	0.191	0.197	0.201	0.205	0.206	0.207	0.206	0.205	0.201	0.197	0.191	0.185	0.177	0.169	0.158	0.148	0.136	0.123	0.109	0.095	0.080	0.065	0.049	0.033	0.016	0
* DEFLECTION DUE TO SUPERIMPOSED D.L. ↓	0	0.012	0.025	0.037	0.050	0.061	0.073	0.085	0.097	0.106	0.115	0.124	0.133	0.139	0.145	0.151	0.157	0.159	0.161	0.163	0.165	0.163	0.161	0.159	0.157	0.151	0.145	0.139	0.133	0.124	0.115	0.106	0.097	0.085	0.073	0.061	0.050	0.037	0.025	0.012	0
FINAL CAMBER ↑	0	1/16"	1/8"	1/8"	3/16"	1/4"	1/4"	5/16"	5/16"	3/8"	3/8"	7/16"	7/16"	7/16"	7/16"	1/2"	1/2"	1/2"	1/2"	1/2"	1/2"	1/2"	1/2"	1/2"	1/2"	1/2"	7/16"	7/16"	7/16"	7/16"	3/8"	3/8"	5/16"	5/16"	1/4"	1/4"	3/16"	1/8"	1/8"	1/16"	0

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DEAD LOAD DEFLECTION TABLE FOR GIRDERS																																										
GIRDERS C2, C3, C4																																										
0.6" ∅ LOW RELAXATION	BRG.	1/40	2/40	3/40	4/40	5/40	6/40	7/40	8/40	9/40	10/40	11/40	12/40	13/40	14/40	15/40	16/40	17/40	18/40	19/40	20/40	21/40	22/40	23/40	24/40	25/40	26/40	27/40	28/40	29/40	30/40	31/40	32/40	33/40	34/40	35/40	36/40	37/40	38/40	39/40	BRG.	
CAMBER (GIRDER IN PLACE) ↑	0	0.016	0.033	0.049	0.065	0.080	0.095	0.109	0.123	0.136	0.148	0.158	0.169	0.177	0.185	0.191	0.197	0.201	0.205	0.206	0.207	0.206	0.205	0.201	0.197	0.191	0.185	0.177	0.169	0.158	0.148	0.136	0.123	0.109	0.095	0.080	0.065	0.049	0.033	0.016	0	
* DEFLECTION DUE TO SUPERIMPOSED D.L. ↓	0	0.012	0.024	0.036	0.047	0.059	0.070	0.081	0.092	0.101	0.110	0.119	0.127	0.132	0.137	0.142	0.147	0.150	0.152	0.155	0.157	0.155	0.152	0.150	0.147	0.142	0.137	0.132	0.127	0.119	0.110	0.101	0.092	0.081	0.070	0.059	0.047	0.036	0.024	0.012	0	
FINAL CAMBER ↑	0	1/16"	1/8"	3/16"	3/16"	1/4"	5/16"	3/8"	3/8"	7/16"	7/16"	1/2"	1/2"	9/16"	9/16"	9/16"	5/8"	5/8"	5/8"	5/8"	5/8"	5/8"	5/8"	5/8"	5/8"	5/8"	9/16"	9/16"	9/16"	1/2"	1/2"	7/16"	7/16"	3/8"	3/8"	5/16"	1/4"	3/16"	3/16"	1/8"	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).

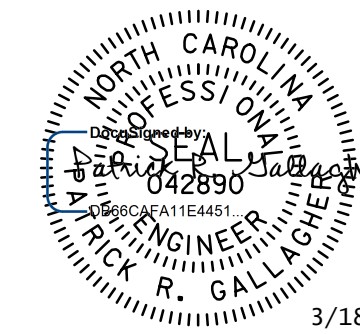
PROJECT NO. B-4407
ANSON/STANLY COUNTY
STATION: 32+31.61 -L-

SHEET 5 OF 6

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STATE OF NORTH CAROLINA
DEPARTMENT OF TRANSPORTATION
RALEIGH
STANDARD
PRESTRESSED CONCRETE GIRDER
CONTINUOUS FOR LIVE LOAD
DETAILS

DOCUMENT NOT CONSIDERED
FINAL UNLESS ALL
SIGNATURES COMPLETED

DWN. BY: WDC
CHKD. BY: PRG
DES. EGR. OF RECORD: PRG

DATE: 10/2020
DATE: 10/2020
DATE: 10/2020

REVISIONS						SHEET NO.	
NO.	BY:	DATE:	NO.	BY:	DATE:	S-20	
1			3			TOTAL SHEETS 45	
2			4				

STD. NO. PCG9

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DATE: 09/24/2021 09:54 AM on Thursday, February 04, 2021

DRAWN BY : ELR 11/91
CHECKED BY : GRP 11/91

REV. 1/15 MAA/TMG
REV. 2/15 MAA/TMG
REV. 12/17 MAA/THC