

DEAD LOAD DEFLECTION TABLE FOR GIRDERS

Table with 4 rows and 33 columns. Row 1: 0.6" Ø LOW RELAXATION STRANDS, SPAN A, GIRDERS AG1 & AG11. Row 2: FORTIETH POINTS, BRG., .025, .050, .075, .100, .125, .150, .175, .200, .225, .250, .275, .300, .325, .350, .375, .400, .425, .450, .475, .500, .525, .550, .575, .600, .625, .650, .675, .700, .725, .750, .775, .800, .825, .850, .875, .900, .925, .950, .975, BRG.. Row 3: CAMBER (GIRDER ALONE IN PLACE) ↑, 0.000, 0.031, 0.062, 0.092, 0.123, 0.145, 0.167, 0.189, 0.211, 0.225, 0.240, 0.254, 0.269, 0.278, 0.286, 0.295, 0.303, 0.306, 0.309, 0.312, 0.315, 0.312, 0.309, 0.306, 0.303, 0.295, 0.286, 0.278, 0.269, 0.254, 0.240, 0.225, 0.211, 0.189, 0.167, 0.145, 0.123, 0.092, 0.062, 0.031, 0.000. Row 4: \* DEFLECTION DUE TO SUPERIMPOSED D.L. ↓, 0.000, 0.019, 0.037, 0.056, 0.074, 0.092, 0.109, 0.127, 0.144, 0.158, 0.171, 0.185, 0.199, 0.207, 0.216, 0.225, 0.233, 0.236, 0.239, 0.242, 0.245, 0.242, 0.239, 0.236, 0.233, 0.225, 0.216, 0.207, 0.199, 0.185, 0.171, 0.158, 0.144, 0.127, 0.109, 0.092, 0.074, 0.056, 0.037, 0.019, 0.000. Row 5: FINAL CAMBER ↑, 0", 1/8", 5/16", 7/16", 9/16", 5/8", 11/16", 3/4", 13/16", 3/4", 11/16", 5/8", 9/16", 7/16", 5/16", 1/8", 0".

\* INCLUDES SLAB, BUILDUPS & STAY-IN-PLACE FORMS & 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

Table with 4 rows and 33 columns. Row 1: 0.6" Ø LOW RELAXATION STRANDS, SPAN A, GIRDERS AG2 & AG10. Row 2: FORTIETH POINTS, BRG., .025, .050, .075, .100, .125, .150, .175, .200, .225, .250, .275, .300, .325, .350, .375, .400, .425, .450, .475, .500, .525, .550, .575, .600, .625, .650, .675, .700, .725, .750, .775, .800, .825, .850, .875, .900, .925, .950, .975, BRG.. Row 3: CAMBER (GIRDER ALONE IN PLACE) ↑, 0.000, 0.031, 0.062, 0.092, 0.123, 0.145, 0.167, 0.189, 0.211, 0.225, 0.240, 0.254, 0.269, 0.278, 0.286, 0.295, 0.303, 0.306, 0.309, 0.312, 0.315, 0.312, 0.309, 0.306, 0.303, 0.295, 0.286, 0.278, 0.269, 0.254, 0.240, 0.225, 0.211, 0.189, 0.167, 0.145, 0.123, 0.092, 0.062, 0.031, 0.000. Row 4: \* DEFLECTION DUE TO SUPERIMPOSED D.L. ↓, 0.000, 0.018, 0.037, 0.055, 0.074, 0.091, 0.108, 0.126, 0.143, 0.156, 0.170, 0.184, 0.197, 0.206, 0.214, 0.2923, 0.232, 0.235, 0.238, 0.241, 0.244, 0.241, 0.238, 0.235, 0.232, 0.2923, 0.214, 0.206, 0.197, 0.184, 0.170, 0.156, 0.143, 0.126, 0.108, 0.091, 0.074, 0.055, 0.037, 0.018, 0.000. Row 5: FINAL CAMBER ↑, 0", 1/8", 5/16", 7/16", 5/8", 5/8", 11/16", 3/4", 13/16", 13/16", 13/16", 7/8", 13/16", 13/16", 13/16", 3/4", 11/16", 5/8", 5/8", 7/16", 5/16", 1/8", 0".

\* INCLUDES SLAB, BUILDUPS & STAY-IN-PLACE FORMS & 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

Table with 4 rows and 33 columns. Row 1: 0.6" Ø LOW RELAXATION STRANDS, SPAN A, GIRDERS AG3 & AG9. Row 2: FORTIETH POINTS, BRG., .025, .050, .075, .100, .125, .150, .175, .200, .225, .250, .275, .300, .325, .350, .375, .400, .425, .450, .475, .500, .525, .550, .575, .600, .625, .650, .675, .700, .725, .750, .775, .800, .825, .850, .875, .900, .925, .950, .975, BRG.. Row 3: CAMBER (GIRDER ALONE IN PLACE) ↑, 0.000, 0.031, 0.062, 0.092, 0.123, 0.145, 0.167, 0.189, 0.211, 0.225, 0.240, 0.254, 0.269, 0.278, 0.286, 0.295, 0.303, 0.306, 0.309, 0.312, 0.315, 0.312, 0.309, 0.306, 0.303, 0.295, 0.286, 0.278, 0.269, 0.254, 0.240, 0.225, 0.211, 0.189, 0.167, 0.145, 0.123, 0.092, 0.062, 0.031, 0.000. Row 4: \* DEFLECTION DUE TO SUPERIMPOSED D.L. ↓, 0.000, 0.018, 0.035, 0.053, 0.070, 0.087, 0.103, 0.120, 0.137, 0.149, 0.162, 0.175, 0.188, 0.197, 0.205, 0.213, 0.221, 0.224, 0.227, 0.230, 0.233, 0.230, 0.227, 0.224, 0.221, 0.213, 0.205, 0.197, 0.188, 0.175, 0.162, 0.149, 0.137, 0.120, 0.103, 0.087, 0.070, 0.053, 0.035, 0.018, 0.000. Row 5: FINAL CAMBER ↑, 0", 3/16", 5/16", 1/2", 5/8", 11/16", 3/4", 13/16", 7/8", 15/16", 15/16", 15/16", 1", 1", 1", 1", 1", 1", 1", 1", 1", 1", 1", 1", 1", 1", 1", 1", 1", 15/16", 15/16", 15/16", 15/16", 13/16", 3/4", 11/16", 5/8", 1/2", 5/16", 3/16", 0".

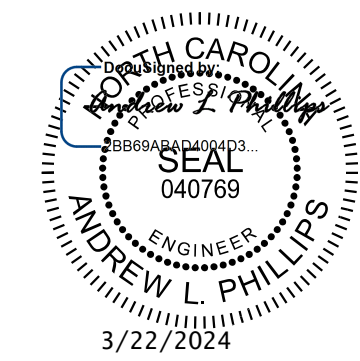
\* INCLUDES SLAB, BUILDUPS & STAY-IN-PLACE FORMS & FUTURE WEARING SURFACE. ALL VALUES ARE SHOWN IN FEET ( DECIMAL FORM ), EXCEPT "FINAL CAMBER", WHICH IS GIVEN IN INCHES ( FRACTION FORM ).

DEAD LOAD DEFLECTION TABLE FOR GIRDERS

Table with 4 rows and 33 columns. Row 1: 0.6" Ø LOW RELAXATION STRANDS, SPAN A, GIRDERS AG4, AG5, AG6, AG7 & AG8. Row 2: FORTIETH POINTS, BRG., .025, .050, .075, .100, .125, .150, .175, .200, .225, .250, .275, .300, .325, .350, .375, .400, .425, .450, .475, .500, .525, .550, .575, .600, .625, .650, .675, .700, .725, .750, .775, .800, .825, .850, .875, .900, .925, .950, .975, BRG.. Row 3: CAMBER (GIRDER ALONE IN PLACE) ↑, 0.000, 0.031, 0.062, 0.092, 0.123, 0.145, 0.167, 0.189, 0.211, 0.225, 0.240, 0.254, 0.269, 0.278, 0.286, 0.295, 0.303, 0.306, 0.309, 0.312, 0.315, 0.312, 0.309, 0.306, 0.303, 0.295, 0.286, 0.278, 0.269, 0.254, 0.240, 0.225, 0.211, 0.189, 0.167, 0.145, 0.123, 0.092, 0.062, 0.031, 0.000. Row 4: \* DEFLECTION DUE TO SUPERIMPOSED D.L. ↓, 0.000, 0.016, 0.031, 0.047, 0.062, 0.077, 0.092, 0.106, 0.121, 0.133, 0.144, 0.156, 0.167, 0.174, 0.182, 0.189, 0.197, 0.199, 0.202, 0.204, 0.207, 0.204, 0.202, 0.199, 0.197, 0.189, 0.182, 0.174, 0.167, 0.156, 0.144, 0.133, 0.121, 0.106, 0.092, 0.077, 0.062, 0.047, 0.031, 0.016, 0.000. Row 5: FINAL CAMBER ↑, 0", 3/16", 3/8", 9/16", 3/4", 13/16", 7/8", 1", 1 1/16", 1 1/8", 1 1/8", 1 3/16", 1 1/4", 1 1/4", 1 1/4", 1 1/4", 1 1/4", 1 5/16", 1 5/16", 1 5/16", 1 5/16", 1 5/16", 1 5/16", 1 5/16", 1 1/4", 1 1/4", 1 1/4", 1 1/4", 1 1/4", 1 1/4", 1 3/16", 1 1/8", 1 1/8", 1 1/16", 1", 7/8", 1 3/16", 3/4", 9/16", 3/8", 3/16", 0".

\* INCLUDES SLAB, BUILDUPS & STAY-IN-PLACE FORMS & FUTURE WEARING SURFACE. ALL VALUES ARE SHOWN IN FEET ( DECIMAL FORM ), EXCEPT "FINAL CAMBER", WHICH IS GIVEN IN INCHES ( FRACTION FORM ).

PROJECT NO. P-5720  
WAKE COUNTY  
STATION: 32+23.01 -L-



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STATE OF NORTH CAROLINA  
DEPARTMENT OF TRANSPORTATION  
RALEIGH  
SUPERSTRUCTURE  
GIRDER DEFLECTIONS  
AND CAMBER

REVISIONS				SHEET NO.
NO.	BY:	DATE:	DATE:	S-13
1				TOTAL SHEETS
2				33

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CHECKED BY: M. D. MAGEE DATE: 1/19  
DESIGN ENGINEER OF RECORD: S. A. DENNEY DATE: 1/19

3/22/2024 K:\RD1\_Structures\Bridges\NC\01036002 - P-5720\Cad\Drawings\5720\_SML\_DL\_91149.dgn