

DEAD LOAD DEFLECTION TABLE FOR GIRDERS OF SPAN A

Table with 3 main sections for GIRDERS 1, 2, and 3. Each section includes '0.6" Ø LOW-RELAXATION' and 'TWENTIETH POINTS' with columns for 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, and BRG. Rows include CAMBER (GIRDER ALONE IN PLACE), * DEFLECTION DUE TO SUPERIMPOSED DL, and FINAL CAMBER.

DEAD LOAD DEFLECTION TABLE FOR GIRDERS OF SPAN B

Table with 3 main sections for GIRDERS 1, 2, and 3. Each section includes '0.6" Ø LOW-RELAXATION' and 'TWENTIETH POINTS' with columns for 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, and BRG. Rows include CAMBER (GIRDER ALONE IN PLACE), * DEFLECTION DUE TO SUPERIMPOSED DL, and FINAL CAMBER.

* INCLUDES FUTURE WEARING SURFACE IN SUPERIMPOSED DEAD LOAD.

ALL VALUES ARE SHOWN IN FEET (DECIMAL FORM), EXCEPT "FINAL CAMBER", WHICH IS SHOWN IN INCHES (FRACTION FORM).

DATE: 06/29/2023 TIME: 10:57 PM USER: c:\paw\paw@aec.com... DRAWINGS\402_C09_UJ-5748-SM-DLL-S2-24-01031

DRAWN BY : D.R. DRUM DATE : 06/2021 CHECKED BY : J.C. MORRISON DATE : 06/2021 DESIGNED BY : G.L. HAMILTON DATE : 11/2020 DESIGN CHECKED BY : J.C. MORRISON DATE : 11/2020

DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED

AECOM logo and seal for John C. Morrison, Professional Engineer, Seal 030474, dated 2/10/2023.

PROJECT NO. U-5748 WAKE COUNTY STATION: 24+88.00 -L-

SHEET 1 OF 2

STATE OF NORTH CAROLINA DEPARTMENT OF TRANSPORTATION SUPERSTRUCTURE DEAD LOAD DEFLECTIONS (SOUTHBOUND LANES) REVISIONS table and SHEET NO. S2-24 TOTAL SHEETS 119