

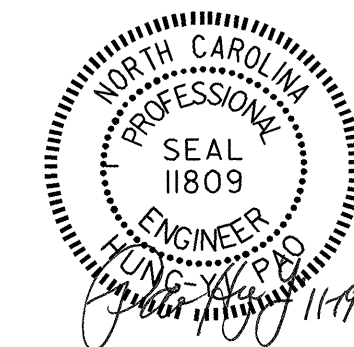
| DEAD LOAD DEFLECTION TABLE FOR GIRDERS | | | | | | | | | | | | | | | | | | | | | | |
|--|------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| TENTH POINTS | SPAN C | | | | | | | | | | | | | | | | | | | | | |
| | GIRDERS C1 | | | | | | | | | | | GIRDERS C2 | | | | | | | | | | |
| | 0 | .1 | .2 | .3 | .4 | .5 | .6 | .7 | .8 | .9 | 0 | 0 | .1 | .2 | .3 | .4 | .5 | .6 | .7 | .8 | .9 | 0 |
| DEFLECTION DUE TO WEIGHT OF GIRDER | 0.000 | 0.000 | 0.001 | 0.001 | 0.001 | 0.001 | 0.001 | 0.001 | 0.001 | 0.000 | 0.000 | 0.000 | 0.000 | 0.001 | 0.001 | 0.001 | 0.001 | 0.001 | 0.001 | 0.001 | 0.000 | 0.000 |
| DEFLECTION DUE TO WEIGHT OF SLAB * | 0.000 | 0.003 | 0.006 | 0.009 | 0.010 | 0.011 | 0.010 | 0.009 | 0.006 | 0.003 | 0.000 | 0.000 | 0.004 | 0.008 | 0.011 | 0.013 | 0.013 | 0.013 | 0.011 | 0.008 | 0.004 | 0.000 |
| DEFLECTION DUE TO WEIGHT OF BARRIER RAIL | 0.000 | 0.000 | 0.001 | 0.001 | 0.001 | 0.001 | 0.001 | 0.001 | 0.001 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.001 | 0.001 | 0.001 | 0.001 | 0.001 | 0.000 | 0.000 | 0.000 |
| TOTAL DEAD LOAD DEFLECTION | 0.000 | 0.003 | 0.008 | 0.011 | 0.012 | 0.013 | 0.012 | 0.011 | 0.008 | 0.003 | 0.000 | 0.000 | 0.004 | 0.009 | 0.013 | 0.015 | 0.015 | 0.015 | 0.013 | 0.009 | 0.004 | 0.000 |
| VERTICAL CURVE ORDINATE | 0.000 | 0.002 | 0.004 | 0.005 | 0.005 | 0.006 | 0.005 | 0.005 | 0.004 | 0.002 | 0.000 | 0.000 | 0.002 | 0.004 | 0.005 | 0.005 | 0.006 | 0.005 | 0.005 | 0.004 | 0.002 | 0.000 |
| ORDINATE DUE TO SUPERELEVATION | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| REQUIRED CAMBER (mm) | 0 | 5 | 12 | 16 | 17 | 19 | 17 | 16 | 12 | 5 | 0 | 0 | 6 | 13 | 18 | 20 | 21 | 20 | 18 | 13 | 6 | 0 |

NOTES

* INCLUDES SLAB, BUILD-UP AND STAY-IN-PLACE METAL FORMS.
 "- " INDICATES UPWARD DEFLECTION.
 VALUES SHOWN ARE IN METERS (m) EXCEPT "REQUIRED CAMBER" WHICH IS SHOWN IN MILLIMETERS (mm).
 VALUES SHOWN ARE AT TENTH POINTS BETWEEN CENTERLINE OF BEARINGS.

| DEAD LOAD DEFLECTION TABLE FOR GIRDERS | | | | | | | | | | | | | | | | | | | | | | |
|--|------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| TENTH POINTS | SPAN C | | | | | | | | | | | | | | | | | | | | | |
| | GIRDERS C3 | | | | | | | | | | | GIRDERS C4 | | | | | | | | | | |
| | 0 | .1 | .2 | .3 | .4 | .5 | .6 | .7 | .8 | .9 | 0 | 0 | .1 | .2 | .3 | .4 | .5 | .6 | .7 | .8 | .9 | 0 |
| DEFLECTION DUE TO WEIGHT OF GIRDER | 0.000 | 0.000 | 0.001 | 0.001 | 0.001 | 0.001 | 0.001 | 0.001 | 0.001 | 0.000 | 0.000 | 0.000 | 0.000 | 0.001 | 0.001 | 0.001 | 0.001 | 0.001 | 0.001 | 0.001 | 0.000 | 0.000 |
| DEFLECTION DUE TO WEIGHT OF SLAB * | 0.000 | 0.004 | 0.008 | 0.011 | 0.013 | 0.013 | 0.013 | 0.011 | 0.008 | 0.004 | 0.000 | 0.000 | 0.003 | 0.006 | 0.009 | 0.010 | 0.011 | 0.010 | 0.009 | 0.006 | 0.003 | 0.000 |
| DEFLECTION DUE TO WEIGHT OF BARRIER RAIL | 0.000 | 0.000 | 0.000 | 0.001 | 0.001 | 0.001 | 0.001 | 0.001 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.001 | 0.001 | 0.001 | 0.001 | 0.001 | 0.001 | 0.001 | 0.000 | 0.000 |
| TOTAL DEAD LOAD DEFLECTION | 0.000 | 0.004 | 0.009 | 0.013 | 0.015 | 0.015 | 0.015 | 0.013 | 0.009 | 0.004 | 0.000 | 0.000 | 0.003 | 0.008 | 0.011 | 0.012 | 0.013 | 0.012 | 0.011 | 0.008 | 0.003 | 0.000 |
| VERTICAL CURVE ORDINATE | 0.000 | 0.002 | 0.004 | 0.005 | 0.005 | 0.006 | 0.005 | 0.005 | 0.004 | 0.002 | 0.000 | 0.000 | 0.002 | 0.004 | 0.005 | 0.005 | 0.006 | 0.005 | 0.005 | 0.004 | 0.002 | 0.000 |
| ORDINATE DUE TO SUPERELEVATION | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| REQUIRED CAMBER (mm) | 0 | 6 | 13 | 18 | 20 | 21 | 20 | 18 | 13 | 6 | 0 | 0 | 5 | 12 | 16 | 17 | 19 | 17 | 16 | 12 | 5 | 0 |

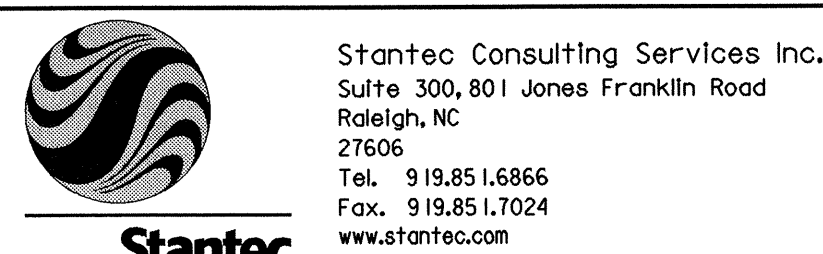
PROJECT NO. R-2610A
 CHATHAM COUNTY
 STATION: 27+85.488 -L-



STATE OF NORTH CAROLINA
 DEPARTMENT OF TRANSPORTATION
 RALEIGH

SUPERSTRUCTURE
 DEAD LOAD DEFLECTION
 AND CAMBER ORDINATES
 SPAN C
 (LEFT LANE BRIDGE)

| REVISIONS | | | | | | SHEET NO. |
|-----------|-----|-------|-----|-----|-------|--------------|
| NO. | BY: | DATE: | NO. | BY: | DATE: | TOTAL SHEETS |
| 1 | | | 3 | | | 5-60 |
| 2 | | | 4 | | | 82 |



DRAWN BY: M. J. OSTRISHKO DATE: 8-6-03
 CHECKED BY: S. R. BEABES DATE: 8-7-03