

FRAMING PLAN

* DENOTES RADIAL DIMENSIONS
 + GIRDER DIMENSIONS ALONG FILL FACE OF END BENT 1
 ARE EQUAL TO THE RADIAL DIMENSIONS
 ALL HORIZONTAL DIMENSIONS SHOWN ARE
 ALONG CL GIRDER, U.N.O.

| GIRDER SEGMENT LENGTHS | | | |
|------------------------|-----------------------|-------------------------|-------------------------|
| GIRDER | S1 | S2 | S3 |
| G1 | 48'-9" | 112'-6" | 35'-8 $\frac{7}{8}$ " |
| G2 | 47'-8 $\frac{3}{8}$ " | 110'-0 $\frac{7}{8}$ " | 39'-6 $\frac{1}{4}$ " |
| G3 | 46'-7 $\frac{3}{4}$ " | 114'-9 $\frac{7}{8}$ " | 36'-1 $\frac{3}{4}$ " |
| G4 | 45'-7 $\frac{1}{8}$ " | 112'-2 $\frac{3}{16}$ " | 40'-1 $\frac{11}{16}$ " |
| G5 | 44'-6 $\frac{1}{2}$ " | 116'-6" | 37'-3 $\frac{11}{16}$ " |
| G6 | 43'-5 $\frac{7}{8}$ " | 113'-9" | 41'-6 $\frac{1}{4}$ " |

| ANGLES | | |
|--------|---------------------------------|---------------------------------|
| GIRDER | ANGLE "A" (TANGENT TO CURVE) | ANGLE "B" (TANGENT TO CURVE) |
| G1 | 90°-22'-49" | 64°-36'-34" |
| G2 | 90°-23'-19" | 64°-00'-30" |
| G3 | 90°-23'-51" | 63°-22'-37" |
| G4 | 90°-24'-24" | 62°-42'-45" |
| G5 | 90°-24'-58" | 62°-00'-45" |
| G6 | 90°-25'-35" | 61°-16'-26" |

| ANGLES | |
|--------|---|
| 1 | 90°-24'-29" (TANGENT TO CURVE BRIDGE WORK LINE) |
| 2 | 62°-35'-47" (TANGENT TO CURVE BRIDGE WORK LINE) |

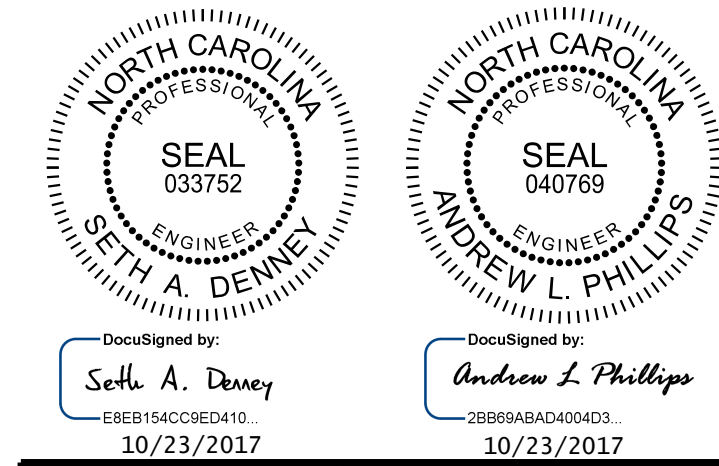
NOTES:

SEE "STRUCTURAL STEEL DETAIL" SHEET 3 OF 5 FOR STRUCTURAL STEEL NOTES.

FOR LOCATION OF SUPPORT BRACKETS AND TIE PLATES RELATING TO TRAFFIC SIGNAL SUPPORT, SEE "TRAFFIC SIGNAL SUPPORT DETAILS" SHEET.

DRAWN BY: D. D. LOWERY DATE: 10/17
 CHECKED BY: A. L. PHILLIPS DATE: 10/17
 DESIGN ENGINEER OF RECORD: S. A. DENNEY DATE: 10/17

PROJECT NO. U-5806
CABARRUS COUNTY
 STATION: 15+75.56 -Y1-
27+06.95 -L-



STATE OF NORTH CAROLINA
 DEPARTMENT OF TRANSPORTATION
 RALEIGH
 SUPERSTRUCTURE
 FRAMING PLAN

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| REVISIONS | | | | | | SHEET NO. |
|-----------|-----|-------|-----|-----|-------|--------------|
| NO. | BY: | DATE: | NO. | BY: | DATE: | S-16 |
| 1 | | | 3 | | | TOTAL SHEETS |
| 2 | | | 4 | | | 50 |

**DOCUMENT NOT CONSIDERED FINAL
 UNLESS ALL SIGNATURES COMPLETED**

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