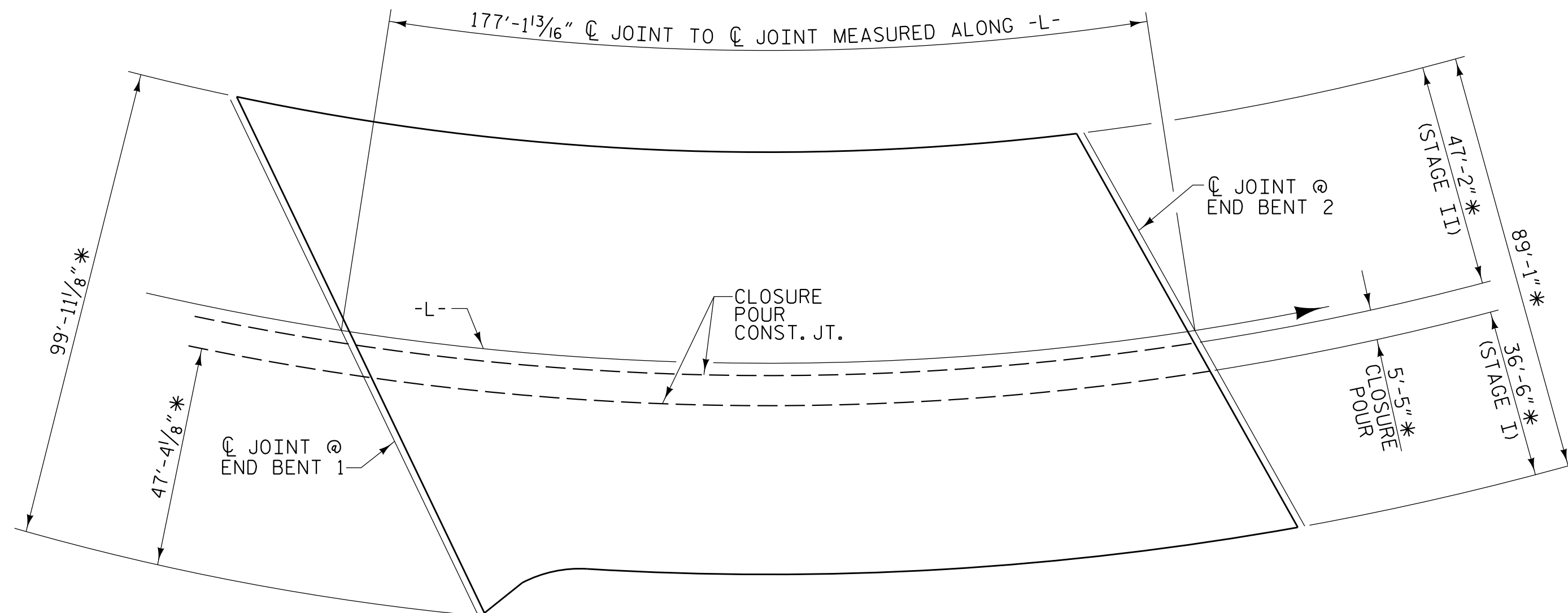


**POURING SEQUENCE SKETCH**

← ⊕ → INDICATES POUR SEQUENCE AND DIRECTION  
 NOTE: POUR ② CANNOT BE STARTED UNTIL BOTH ADJACENT POURS ① REACH MINIMUM OF 3000 PSI

\* RADIAL DIMENSIONS



**LAYOUT FOR COMPUTING AREA OF REINFORCED CONCRETE DECK SLAB**

(TOTAL SQ. FT. = 15900)  
 (STAGE I = 6575 SQ. FT.)  
 (STAGE II = 9325 SQ. FT. INCLUDES CLOSURE POUR)

| SUPERSTRUCTURE BILL OF MATERIAL |                              |                          |   |
|---------------------------------|------------------------------|--------------------------|---|
|                                 | CLASS AA CONCRETE (CU. YDS.) | REINFORCING STEEL (LBS.) | * EPOXY COATED REINFORCING STEEL (LBS.) |
| STAGE I                         |                              |                          |   |
| POUR 1                          | 187.0                        |                          |   |
| POUR 2                          | 34.4                         |                          |   |
| TOTAL, STAGE I                  | 221.4                        | 29,178                   | 26,386                                  |
| STAGE II                        |                              |                          |   |
| POUR 1                          | 233.7                        |                          |   |
| POUR 2                          | 45.2                         |                          |   |
| CLOSURE POUR                    | 35.6                         |                          |   |
| TOTAL, STAGE II                 | 314.5                        | 39,199                   | 34,405                                  |
| SIDEWALK                        | 56.2                         |                          | 3166                                    |
| END POSTS                       | 1.8                          |                          | -                                       |
| MONO. CONC. ISLAND              | 17.1                         |                          | 916                                     |
| TOTALS                          | 611.0                        | 68,377                   | 64,873                                  |

| GROOVING BRIDGE FLOORS    |        |         |
|---------------------------|--------|---------|
| APPROACH SLABS (STAGE I)  | 1819   | SQ. FT. |
| APPROACH SLABS (STAGE II) | 1754   | SQ. FT. |
| TOTAL                     | 3573   | SQ. FT. |
| BRIDGE DECK (STAGE I)     | 4838   | SQ. FT. |
| BRIDGE DECK (STAGE II)    | 6346   | SQ. FT. |
| TOTAL                     | 11,184 | SQ. FT. |

PLANS PREPARED BY:

NV5 ENGINEERS & CONSULTANTS, INC.  
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DocuSigned by:

ROBERT C. LARSON  
 ENGINEER  
 5/18/2023

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

PROJECT NO. U-5839  
HAYWOOD COUNTY  
 STATION: 24+64.13 -L- POC

SHEET 3 OF 3

STATE OF NORTH CAROLINA  
 DEPARTMENT OF TRANSPORTATION  
 RALEIGH

**SUPERSTRUCTURE BILL OF MATERIAL**

| REVISIONS |     |       |     |     |       | SHEET NO.       |
|-----------|-----|-------|-----|-----|-------|-----------------|
| NO.       | BY: | DATE: | NO. | BY: | DATE: |                 |
| 1         |     |       | 3   |     |       | S1-40           |
| 2         |     |       | 4   |     |       | TOTAL SHEETS 63 |

DRAWN BY: W. B. ALLEN DATE: 1/20  
 CHECKED BY: Z. H. BROWN DATE: 2/20  
 DESIGN ENGINEER OF RECORD: R. C. LARSON DATE: 4/23

DocuSigned by:

ROBERT C. LARSON  
 ENGINEER  
 5/18/2023