

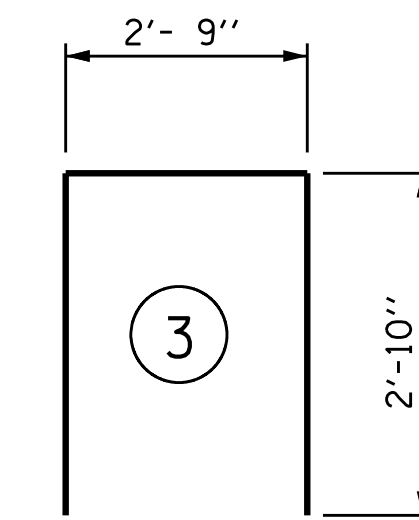
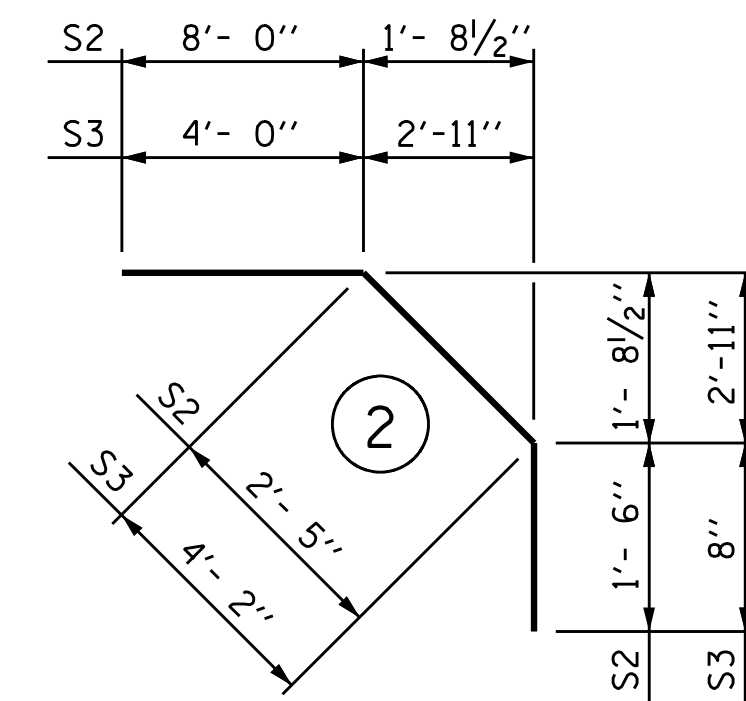
BLOCKOUT IN WING WALL FOR INTEGRAL END BENT

THE CONCRETE IN THE SHADED AREA OF THE WING SHALL BE POURED AFTER THE JOINT BETWEEN THE DECK AND APPROACH SLAB HAS BEEN SAWED AND BARRIER RAIL IS CAST IF SLIP FORMING IS USED.

BILL OF MATERIAL

| BAR | NO. | SIZE | TYPE | LENGTH | WEIGHT |
|----------------------------------|-----|------|------|---------|--------|
| * A1 | 316 | 5 | STR | 34'- 1" | 11233 |
| * A2 | 212 | 4 | STR | 3'- 0" | 425 |
| * B1 | 182 | 5 | STR | 11'- 0" | 2088 |
| * B2 | 92 | 5 | STR | 41'- 6" | 3982 |
| * B3 | 90 | 5 | STR | 25'- 9" | 2417 |
| * B4 | 92 | 4 | STR | 25'- 4" | 1556 |
| * B5 | 46 | 4 | STR | 13'- 8" | 419 |
| * B6 | 30 | 5 | STR | 54'- 4" | 1700 |
| * K1 | 16 | 4 | STR | 18'- 0" | 192 |
| * K3 | 12 | 4 | STR | 8'- 4" | 66 |
| * K4 | 6 | 4 | STR | 7'- 5" | 30 |
| * K5 | 4 | 4 | STR | 2'- 2" | 6 |
| * K6 | 8 | 4 | STR | 2'- 4" | 12 |
| * K7 | 4 | 4 | STR | 1'-11" | 5 |
| * S2 | 56 | 4 | 2 | 11'-11" | 446 |
| * S3 | 56 | 4 | 2 | 8'-10" | 330 |
| * U1 | 60 | 4 | 3 | 8'- 5" | 337 |
| * EPOXY COATED REINFORCING STEEL | | | | LBS. | 25,244 |

BAR TYPES



ALL BAR DIMENSIONS ARE OUT TO OUT

— SUPERSTRUCTURE BILL OF MATERIAL —

| | CLASS AA CONCRETE (CU.YDS.) | * EPOXY COATED REINFORCING STEEL (LBS.) |
|----------|------------------------------|--|
| POUR 1 | 90.6 | |
| POUR 2 | 56.0 | |
| TOTALS** | 146.6 | 25,396 |

**QUANTITIES FOR BARRIER RAIL ARE NOT INCLUDED

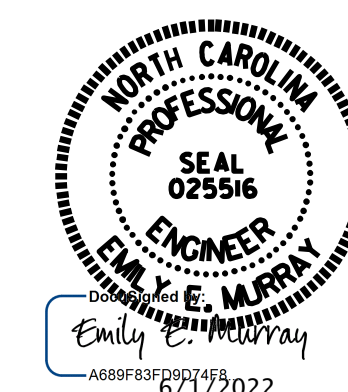
SUPERSTRUCTURE REINFORCING STEEL LENGTHS ARE BASED ON THE FOLLOWING MINIMUM SPLICE LENGTHS

| BAR SIZE | SUPERSTRUCTURE EXCEPT APPROACH SLABS, PARAPETS, AND BARRIER RAILS | | APPROACH SLABS | | PARAPETS AND BARRIER RAILS |
|----------|---|----------|----------------|----------|----------------------------|
| | EPOXY COATED | UNCOATED | EPOXY COATED | UNCOATED | |
| *4 | 1'-11" | 1'-7" | 1'-11" | 1'-7" | 2'-6" |
| *5 | 2'-5" | 2'-0" | 2'-5" | 2'-0" | 3'-1" |
| *6 | 2'-10" | 2'-5" | 3'-7" | 2'-5" | 3'-8" |
| *7 | 4'-2" | 2'-9" | | | |
| *8 | 4'-9" | 3'-2" | | | |

GROOVING BRIDGE FLOORS

| | | |
|----------------|------|--------|
| APPROACH SLABS | 1411 | SQ.FT. |
| BRIDGE DECK | 4592 | SQ.FT. |
| TOTAL | 6003 | SQ.FT. |

PROJECT NO. B-4593
PAMLICO COUNTY
 STATION: 17+02.00 -L-



STATE OF NORTH CAROLINA
 DEPARTMENT OF TRANSPORTATION
 RALEIGH

STANDARD
**SUPERSTRUCTURE
 BILL OF MATERIAL**

ASSEMBLED BY : D. A. GLADDEN DATE : 11/18
 CHECKED BY : D. R. SMITH DATE : 12/18
 DESIGN ENGINEER OF RECORD : D. R. SMITH DATE : 12/18



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 NC License No. F-0765

DOCUMENT NOT CONSIDERED
 FINAL UNLESS ALL
 SIGNATURES COMPLETED

| REVISIONS | | | | | |
|-----------|-----|-------|-----|-----|-------|
| NO. | BY: | DATE: | NO. | BY: | DATE: |
| 1 | | | 3 | | |
| 2 | | | 4 | | |

SHEET NO.
S-27
 TOTAL SHEETS
42