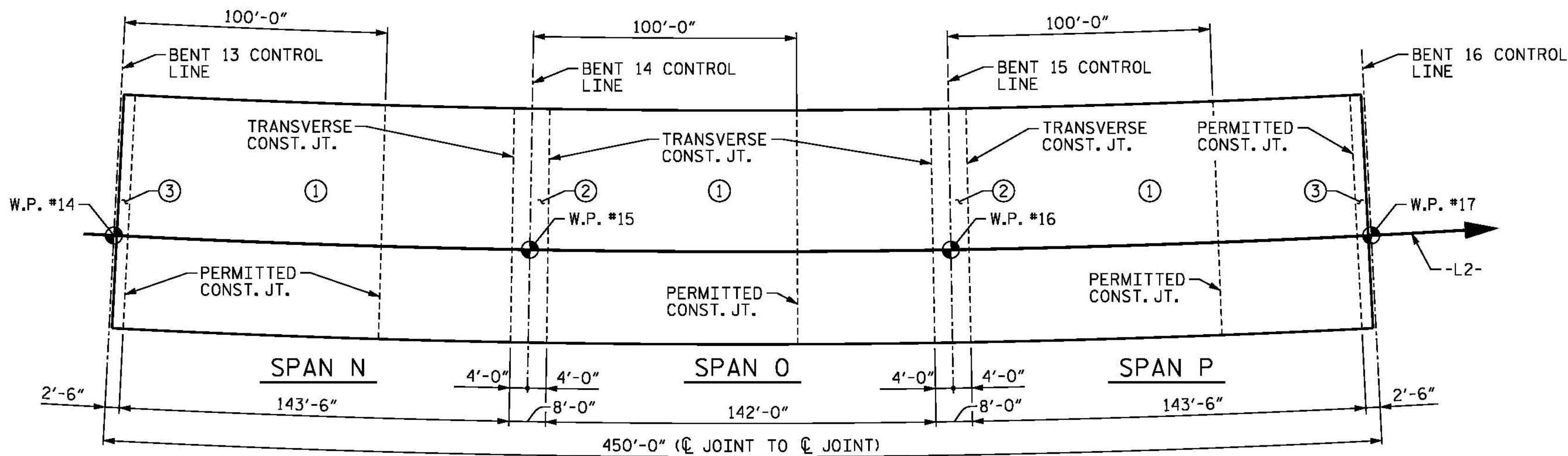


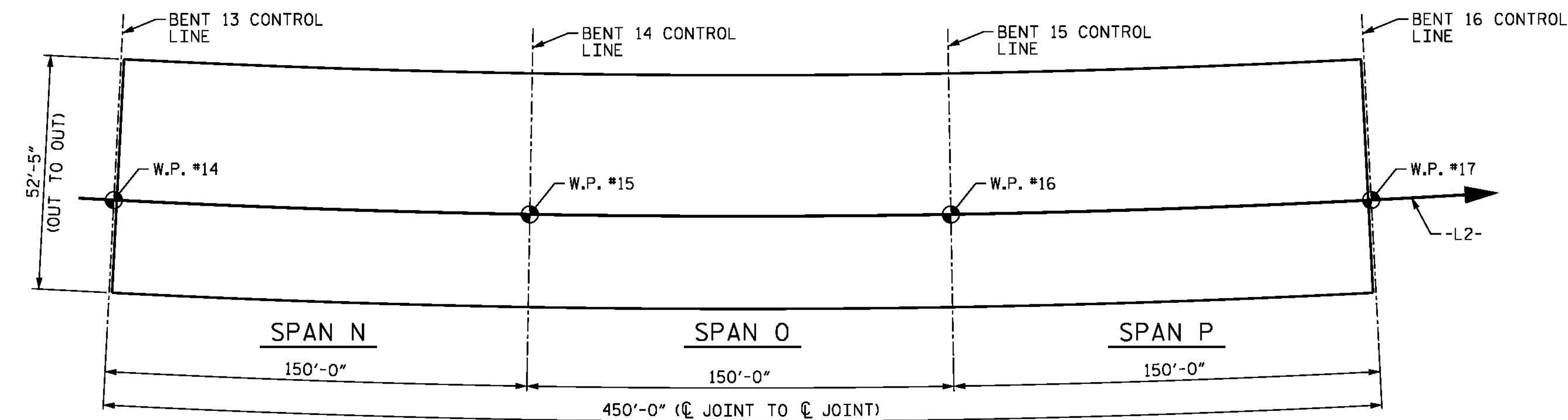
POURING SEQUENCE - UNIT 5

① INDICATES THE NUMBER AND DIRECTION OF POUR

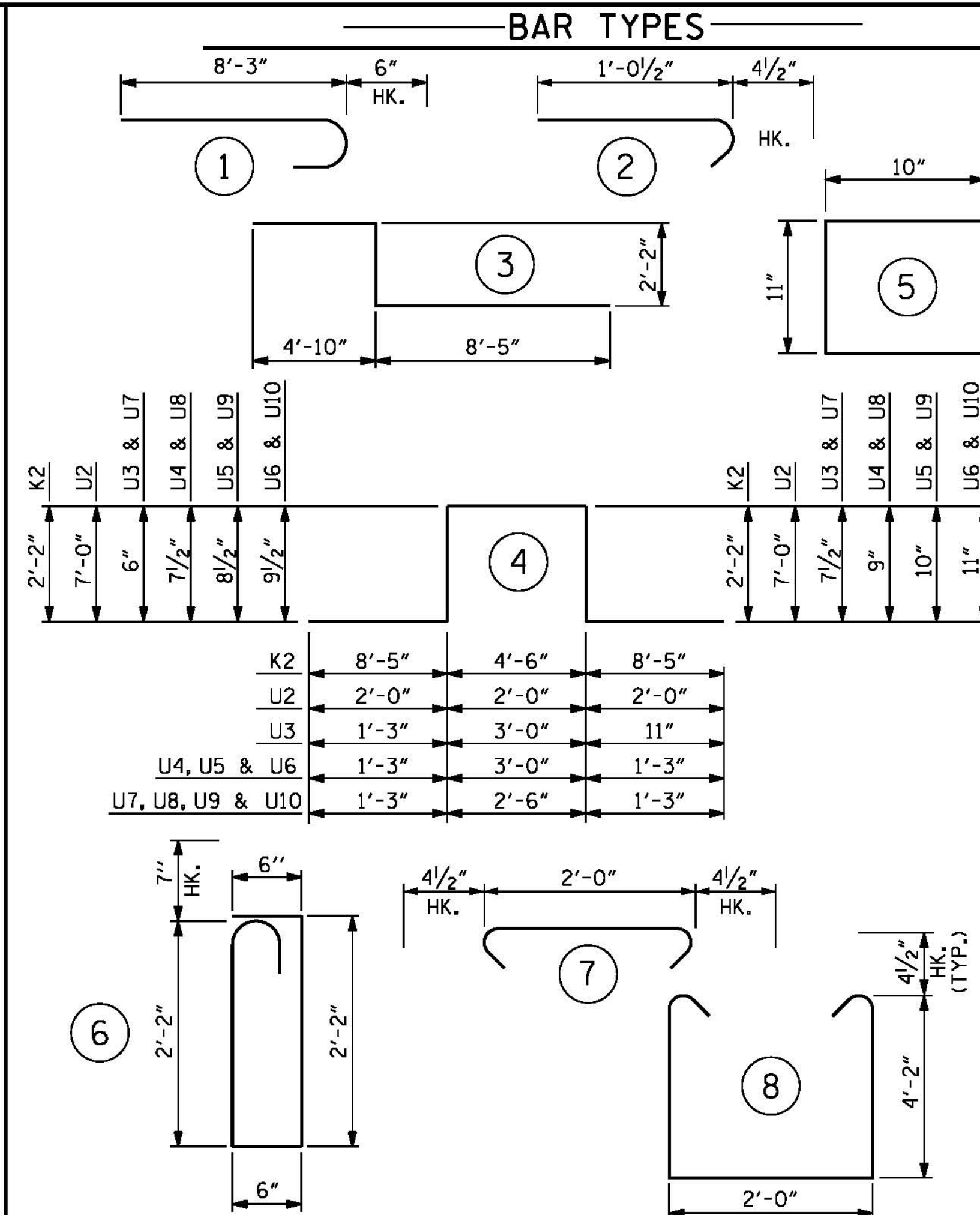


OPTIONAL POURING SEQUENCE - UNIT 5

POUR ② CANNOT BE STARTED UNTIL BOTH ADJACENT POUR ①'S REACH A MINIMUM OF 3,000 PSI.



LAYOUT FOR COMPUTING AREA
REINFORCED CONCRETE DECK SLAB
(SQ. FT. = 23,494 SF)



| BILL OF MATERIAL | | | | | |
|------------------|------|------|--------|--------|-------|
| BAR NO. | SIZE | TYPE | LENGTH | WEIGHT | |
| * A1 | 842 | #5 | STR | 52'-0" | 45667 |
| * A2 | 842 | #5 | STR | 4'-0" | 3513 |
| * A3 | 842 | #6 | STR | 15'-1" | 19076 |
| * A4 | 841 | #4 | 1 | 8'-9" | 4916 |
| * B1 | 568 | #4 | STR | 27'-7" | 10466 |
| * B2 | 142 | #7 | STR | 40'-6" | 11755 |
| * B3 | 284 | #7 | STR | 35'-0" | 20317 |
| * B4 | 136 | #7 | STR | 47'-0" | 13065 |
| * B5 | 142 | #4 | STR | 30'-0" | 2846 |
| * B6 | 152 | #5 | STR | 59'-3" | 9393 |
| * B7 | 12 | #5 | STR | 57'-6" | 720 |
| * B8 | 4 | #5 | STR | 25'-0" | 104 |
| * B9 | 4 | #5 | STR | 51'-0" | 213 |
| * B10 | 132 | #5 | STR | 52'-0" | 7159 |
| * C1 | 2 | #5 | STR | 52'-0" | 108 |
| * J1 | 98 | #4 | 2 | 1'-5" | 93 |
| * K1 | 8 | #8 | 3 | 15'-5" | 329 |
| * K2 | 12 | #8 | 4 | 25'-8" | 822 |
| * K3 | 16 | #6 | STR | 6'-10" | 164 |
| * K4 | 32 | #4 | STR | 6'-4" | 135 |
| * K5 | 16 | #4 | STR | 9'-6" | 102 |
| * K6 | 64 | #4 | STR | 10'-3" | 438 |
| * K7 | 28 | #4 | STR | 23'-7" | 441 |
| * S1 | 56 | #4 | 5 | 2'-7" | 97 |
| * S2 | 56 | #5 | 6 | 5'-11" | 346 |
| * S3 | 416 | #4 | 7 | 2'-9" | 764 |
| * U1 | 32 | #4 | 8 | 11'-1" | 237 |
| * U2 | 48 | #4 | 4 | 20'-0" | 641 |
| * U3 | 74 | #5 | 4 | 6'-4" | 489 |
| * U4 | 64 | #5 | 4 | 6'-11" | 462 |
| * U5 | 18 | #5 | 4 | 7'-1" | 133 |
| * U6 | 51 | #5 | 4 | 7'-3" | 386 |
| * U7 | 74 | #5 | 4 | 6'-2" | 476 |
| * U8 | 72 | #5 | 4 | 6'-5" | 482 |
| * U9 | 76 | #5 | 4 | 6'-7" | 522 |
| * U10 | 236 | #5 | 4 | 6'-9" | 1661 |

SUPERSTRUCTURE BILL OF MATERIAL

| | CLASS AA CONCRETE (CU. YDS.) | EPOXY COATED REINFORCING STEEL (LBS.) |
|-----------|---------------------------------|------------------------------------------|
| POUR 1 | 202.7 | - |
| POUR 2 | 239.8 | - |
| POUR 3 | 246.3 | - |
| POUR 4 | 12.7 | - |
| TOTALS ** | 701.5 | 158,538 |

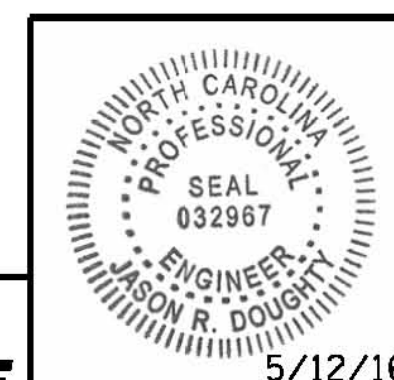
| SUPERSTRUCTURE BILL OF MATERIAL | |
|---------------------------------|------------------------------------------|
| CLASS AA CONCRETE (CU. YDS.) | EPOXY COATED REINFORCING STEEL (LBS.) |
| 701.5 | 158,538 |

**QUANTITIES FOR BARRIER RAIL AND PARAPET ARE NOT INCLUDED.

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

| BAR SIZE | SUPERSTRUCTURE EXCEPT APPROACH SLABS, PARAPET, AND BARRIER RAIL | | APPROACH SLABS | | PARAPET AND BARRIER RAIL |
|----------|-----------------------------------------------------------------|----------|----------------|----------|--------------------------|
| | EPOXY COATED | UNCOATED | EPOXY COATED | UNCOATED | |
| #4 | 2'-0" | 1'-9" | 2'-0" | 1'-9" | 2'-9" |
| #5 | 2'-6" | 2'-2" | 2'-6" | 2'-2" | 3'-5" |
| #6 | 3'-0" | 2'-7" | 3'-10" | 2'-7" | 4'-4" |
| #7 | 5'-3" | 3'-6" | | | |
| #8 | 6'-10" | 4'-7" | | | |

PROJECT NO. B-4929
PENDER COUNTY
STATION: 38+13.81 -L2-
SHEET 5 OF 9



STATE OF NORTH CAROLINA
DEPARTMENT OF TRANSPORTATION
RALEIGH
STANDARD
SUPERSTRUCTURE
BILL OF MATERIAL
UNIT 5

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

| GROOVING BRIDGE FLOORS | |
|------------------------|---------------|
| BRIDGE DECK | 19315 SQ.FT. |
| TOTAL | 19,315 SQ.FT. |

PARSONS BRINCKERHOFF
434 FAYETTEVILLE STREET
SUITE 1500
RALEIGH, NC 27601
LICENSE NO. F-0165

DocuSigned by:
Jason R. Doughty
00F1C8648274F7...

DOCUMENT NOT CONSIDERED FINAL
UNLESS ALL SIGNATURES COMPLETED

| SHEET NO. | |
|------------------|--|
| S-144 | |
| TOTAL SHEETS 278 | |

STD. NO. BOM2

5/11/2016 400_281_B4929_SMJ_BOM_05.dgn

DESIGNED BY: J. SMITH DATE: FEB 2016
DRAWN BY: M. HOBBS DATE: MAR 2016
CHECKED BY: B. LOFLIN DATE: MAR 2016
DESIGN ENGINEER OF RECORD: J. DOUGHTY DATE: MAY 2016

DRAWN BY: JMB 5/87 REV. 8/16/99 RWW/LES
CHECKED BY: SJD 9/87 REV. 5/1/06 TLA/GM
REV. 10/1/11 MAA/GM