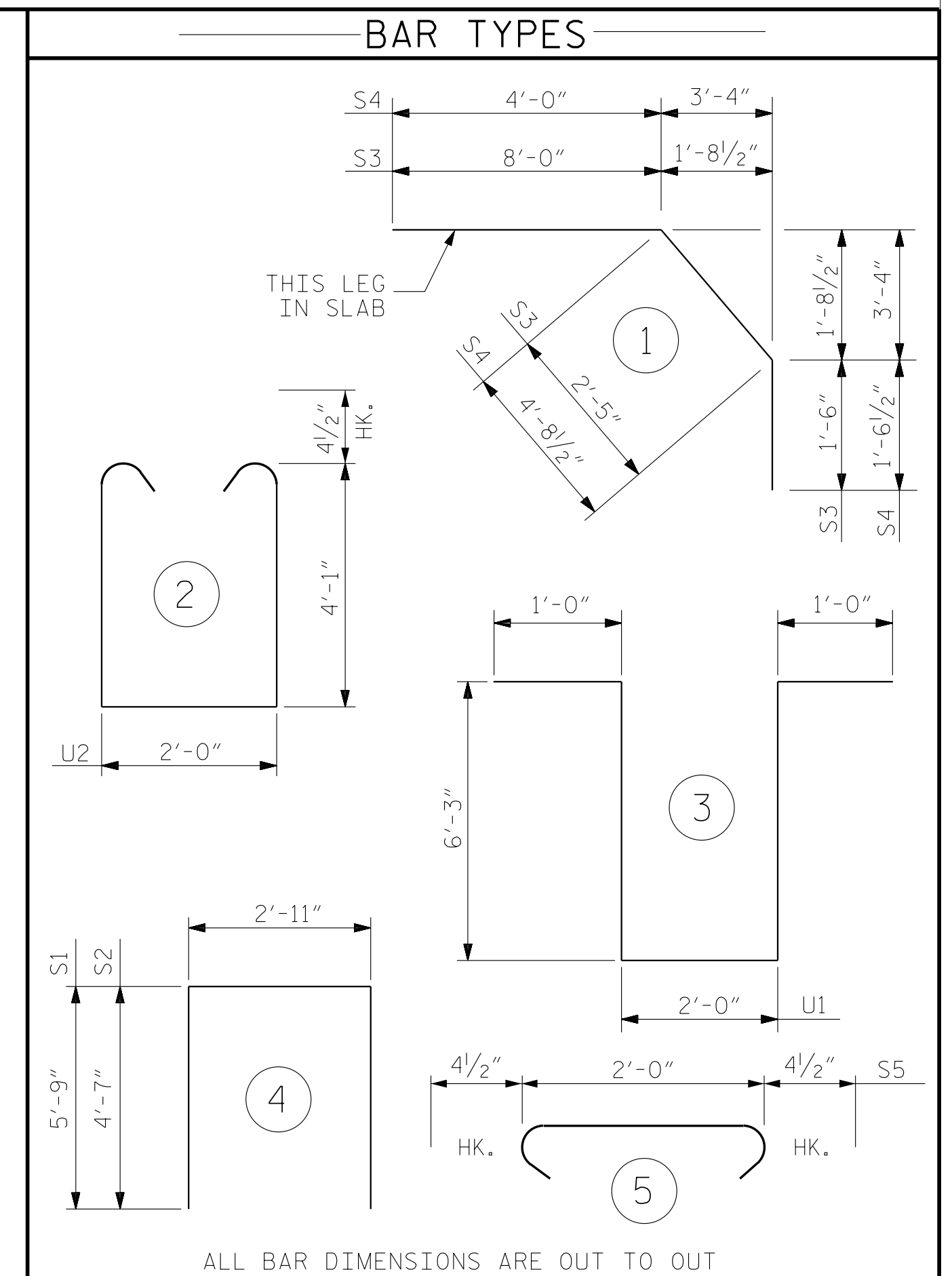


| BILL OF MATERIAL | | | | | |
|-----------------------------|-----|------|------|-------------|--------|
| STAGE I | | | | | |
| BAR | NO. | SIZE | TYPE | LENGTH | WEIGHT |
| * A1 | 599 | #5 | STR | 51'-7" | 32,227 |
| A2 | 599 | #5 | STR | 51'-7" | 32,227 |
| * B1 | 210 | #4 | STR | 21'-4" | 2,993 |
| * B2 | 206 | #6 | STR | 25'-0" | 7,735 |
| B3 | 602 | #5 | STR | 28'-9" | 18,052 |
| * B4 | 210 | #6 | STR | 32'-8" | 10,304 |
| * B5 | 136 | #6 | STR | 37'-8" | 7,694 |
| * B6 | 70 | #4 | STR | 21'-10" | 1,029 |
| * D1 | 599 | #5 | STR | 6'-9" | 4,217 |
| D2 | 599 | #5 | STR | 6'-9" | 4,217 |
| K1 | 28 | #4 | STR | 27'-10" | 521 |
| K2 | 10 | #4 | STR | 7'-1" | 47 |
| K3 | 50 | #4 | STR | 8'-8" | 289 |
| K4 | 10 | #4 | STR | 5'-6" | 37 |
| K5 | 2 | #4 | STR | 2'-7" | 3 |
| K6 | 10 | #4 | STR | 3'-5" | 23 |
| K7 | 2 | #4 | STR | 1'-10" | 2 |
| K8 | 20 | #4 | STR | 6'-0" | 80 |
| K9 | 100 | #4 | STR | 8'-8" | 579 |
| K10 | 20 | #4 | STR | 5'-8" | 76 |
| K11 | 28 | #4 | STR | 25'-10" | 483 |
| S1 | 64 | #4 | 4 | 14'-5" | 616 |
| S2 | 22 | #4 | 4 | 12'-1" | 178 |
| * S3 | 64 | #4 | 1 | 11'-11" | 509 |
| * S4 | 62 | #4 | 1 | 10'-3" | 425 |
| S5 | 420 | #4 | 5 | 2'-9" | 772 |
| U1 | 60 | #4 | 3 | 16'-6" | 661 |
| U2 | 20 | #4 | 2 | 10'-11" | 146 |
| REINFORCING STEEL | | | | 59,009 LBS. | |
| * EPOXY COATED REINF. STEEL | | | | 67,133 LBS. | |

| BILL OF MATERIAL | | | | | |
|-----------------------------|-----|------|------|-------------|--------|
| STAGE II | | | | | |
| BAR | NO. | SIZE | TYPE | LENGTH | WEIGHT |
| * A3 | 599 | #5 | STR | 44'-5" | 27,750 |
| A4 | 599 | #5 | STR | 44'-5" | 27,750 |
| * B1 | 156 | #4 | STR | 21'-4" | 2,223 |
| * B2 | 152 | #6 | STR | 25'-0" | 5,708 |
| B3 | 434 | #5 | STR | 28'-9" | 13,014 |
| * B4 | 156 | #6 | STR | 32'-8" | 7,654 |
| * B5 | 100 | #6 | STR | 37'-8" | 5,658 |
| * B6 | 52 | #4 | STR | 21'-10" | 758 |
| * D1 | 599 | #5 | STR | 6'-9" | 4,217 |
| D2 | 599 | #5 | STR | 6'-9" | 4,217 |
| K12 | 28 | #4 | STR | 21'-6" | 402 |
| K13 | 8 | #4 | STR | 6'-2" | 33 |
| K14 | 40 | #4 | STR | 7'-9" | 207 |
| K15 | 8 | #4 | STR | 4'-9" | 25 |
| K16 | 2 | #4 | STR | 2'-8" | 4 |
| K17 | 10 | #4 | STR | 3'-6" | 23 |
| K18 | 2 | #4 | STR | 1'-10" | 2 |
| K19 | 16 | #4 | STR | 5'-1" | 54 |
| K20 | 80 | #4 | STR | 7'-9" | 414 |
| K21 | 16 | #4 | STR | 4'-8" | 50 |
| K22 | 28 | #4 | STR | 18'-4" | 343 |
| S1 | 44 | #4 | 4 | 14'-5" | 424 |
| S2 | 18 | #4 | 4 | 12'-1" | 145 |
| * S3 | 44 | #4 | 1 | 11'-11" | 350 |
| * S4 | 42 | #4 | 1 | 10'-3" | 288 |
| S5 | 336 | #4 | 5 | 2'-9" | 617 |
| U1 | 48 | #4 | 3 | 16'-6" | 529 |
| U2 | 16 | #4 | 2 | 10'-11" | 117 |
| REINFORCING STEEL | | | | 48,370 LBS. | |
| * EPOXY COATED REINF. STEEL | | | | 54,606 LBS. | |

| BILL OF MATERIAL | | | | | |
|-----------------------------|-----|------|------|------------|--------|
| CLOSURE POUR | | | | | |
| BAR | NO. | SIZE | TYPE | LENGTH | WEIGHT |
| * B1 | 24 | #4 | STR | 21'-4" | 342 |
| * B2 | 20 | #6 | STR | 25'-0" | 751 |
| B3 | 42 | #5 | STR | 28'-9" | 1,259 |
| * B4 | 24 | #6 | STR | 32'-8" | 1,178 |
| * B5 | 12 | #6 | STR | 37'-8" | 679 |
| * B6 | 8 | #4 | STR | 21'-10" | 117 |
| K23 | 4 | #4 | STR | 3'-6" | 9 |
| K24 | 20 | #4 | STR | 5'-1" | 68 |
| K25 | 4 | #4 | STR | 2'-1" | 6 |
| K26 | 4 | #4 | STR | 2'-3" | 6 |
| K27 | 20 | #4 | STR | 5'-1" | 68 |
| K28 | 4 | #4 | STR | 2'-1" | 6 |
| S1 | 6 | #4 | 4 | 14'-5" | 58 |
| * S3 | 6 | #4 | 1 | 11'-11" | 48 |
| * S4 | 6 | #4 | 1 | 10'-3" | 41 |
| S5 | 48 | #4 | 5 | 2'-9" | 88 |
| U1 | 6 | #4 | 3 | 16'-6" | 66 |
| U2 | 4 | #4 | 2 | 10'-11" | 29 |
| REINFORCING STEEL | | | | 1,663 LBS. | |
| * EPOXY COATED REINF. STEEL | | | | 3,156 LBS. | |



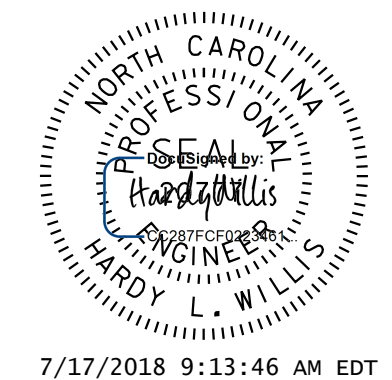
| —SUPERSTRUCTURE BILL OF MATERIAL— | | | |
|-----------------------------------|-----------------------------------|-------------------------------|--|
| | CLASS AA CONCRETE (CU. YDS.) | REINFORCING STEEL (LBS.) | EPOXY COATED REINFORCING STEEL (LBS.) |
| POUR 1 | 196.7 | --- | --- |
| POUR 2 | 243.8 | --- | --- |
| POUR 3 | 245.2 | --- | --- |
| POUR 4 | 95.4 | --- | --- |
| POUR 5 | 148.9 | --- | --- |
| POUR 6 | 183.6 | --- | --- |
| POUR 7 | 184.7 | --- | --- |
| POUR 8 | 70.0 | --- | --- |
| POUR 9 | 88.9 | --- | --- |
| TOTALS** | 1457.2 | 109,042 | 124,895 |

** QUANTITIES FOR PARAPETS AND END POSTS 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" | | | |

| GROOVING BRIDGE FLOORS | | |
|------------------------|--------|--------|
| STAGE I | | |
| APPROACH SLABS | 2,058 | SQ.FT. |
| BRIDGE DECK | 15,708 | SQ.FT. |
| TOTAL | 17,766 | SQ.FT. |
| STAGE II | | |
| APPROACH SLABS | 1,458 | SQ.FT. |
| BRIDGE DECK | 11,594 | SQ.FT. |
| TOTAL | 13,052 | SQ.FT. |
| TOTAL | | |
| APPROACH SLABS | 3,516 | SQ.FT. |
| BRIDGE DECK | 27,302 | SQ.FT. |
| TOTAL | 30,818 | SQ.FT. |

PROJECT NO. R-3825B
JOHNSTON COUNTY
STATION: 64+20.00 -L-



7/17/2018 9:13:46 AM EDT

STATE OF NORTH CAROLINA
DEPARTMENT OF TRANSPORTATION
RALEIGH

SUPERSTRUCTURE
BILL OF MATERIAL

| REVISIONS | | | | | | SHEET NO. S-37 |
|-----------|-----|-------|-----|-----|-------|--------------------|
| NO. | BY: | DATE: | NO. | BY: | DATE: | |
| 1 | | | 3 | | | TOTAL SHEETS 59 |
| 2 | | | 4 | | | |

DRAWN BY : WDC DATE : 7-2017
CHECKED BY : ACO DATE : 12-2017
DESIGN ENGINEER OF RECORD: ACO DATE : 12-2017

DOCUMENT NOT CONSIDERED
FINAL UNLESS ALL
SIGNATURES COMPLETED