

NOTE: REINFORCING STEEL IN SLAB NOT SHOWN. LONGITUDINAL REINFORCING STEEL SHALL BE CONTINUOUS THROUGH JOINT.

| CLASS AA CONCRETE BREAKDOWN | |
|-----------------------------|----------|
| POUR #1 | 105.8 CY |
| POUR #2 | 216.8 CY |
| TOTAL CLASS AA CONCRETE | 322.6 CY |

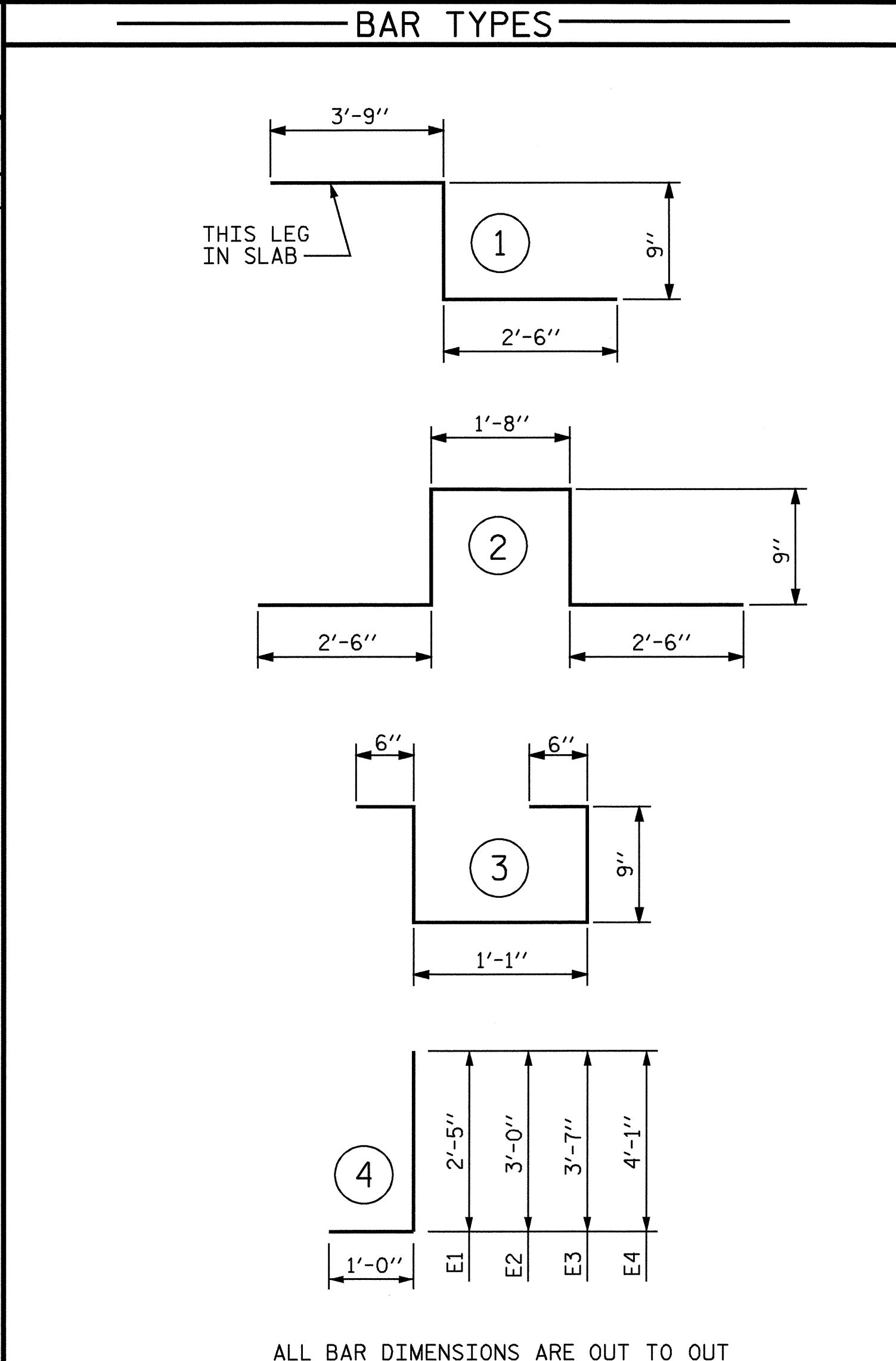
SUPERSTRUCTURE REINFORCING STEEL LENGTHS ARE BASED ON THE FOLLOWING MINIMUM SPLICE LENGTHS

| 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" | | | |

REINFORCING BAR SCHEDULE

| SPANS "A" & "B" | | | | | |
|----------------------------------|------|------|--------|---------|-------|
| BAR No. | SIZE | TYPE | LENGTH | WEIGHT | |
| *A1 | 450 | #5 | STR | 36'-1" | 16936 |
| A2 | 450 | #5 | STR | 36'-1" | 16936 |
| *A101 | 2 | #5 | STR | 33'-10" | 71 |
| *A102 | 2 | #5 | STR | 31'-7" | 66 |
| *A103 | 2 | #5 | STR | 29'-4" | 61 |
| *A104 | 2 | #5 | STR | 27'-0" | 56 |
| *A105 | 2 | #5 | STR | 24'-9" | 52 |
| *A106 | 2 | #5 | STR | 22'-5" | 47 |
| *A107 | 2 | #5 | STR | 20'-2" | 42 |
| *A108 | 2 | #5 | STR | 17'-11" | 37 |
| *A109 | 2 | #5 | STR | 15'-7" | 33 |
| *A110 | 2 | #5 | STR | 13'-6" | 28 |
| *A111 | 2 | #5 | STR | 11'-1" | 23 |
| *A112 | 2 | #5 | STR | 8'-9" | 18 |
| *A113 | 2 | #5 | STR | 6'-6" | 14 |
| *A114 | 2 | #5 | STR | 4'-2" | 9 |
| A201 | 2 | #5 | STR | 33'-10" | 71 |
| A202 | 2 | #5 | STR | 31'-7" | 66 |
| A203 | 2 | #5 | STR | 29'-4" | 61 |
| A204 | 2 | #5 | STR | 27'-0" | 56 |
| A205 | 2 | #5 | STR | 24'-9" | 52 |
| A206 | 2 | #5 | STR | 22'-5" | 47 |
| A207 | 2 | #5 | STR | 20'-2" | 42 |
| A208 | 2 | #5 | STR | 17'-11" | 37 |
| A209 | 2 | #5 | STR | 15'-7" | 33 |
| A210 | 2 | #5 | STR | 13'-6" | 28 |
| A211 | 2 | #5 | STR | 11'-1" | 23 |
| A212 | 2 | #5 | STR | 8'-9" | 18 |
| A213 | 2 | #5 | STR | 6'-6" | 14 |
| A214 | 2 | #5 | STR | 4'-2" | 9 |
| *B1 | 11 | #4 | STR | 28'-3" | 208 |
| *B2 | 120 | #4 | STR | 24'-4" | 1951 |
| *B3 | 72 | #4 | STR | 24'-2" | 1162 |
| *B4 | 72 | #6 | STR | 39'-5" | 4263 |
| *B5 | 138 | #6 | STR | 36'-3" | 7514 |
| B6 | 204 | #5 | STR | 50'-3" | 10692 |
| *B7 | 66 | #4 | STR | 28'-3" | 1245 |
| *D1 | 168 | #4 | STR | 10" | 94 |
| *E1 | 4 | #7 | 4 | 3'-5" | 28 |
| *E2 | 4 | #7 | 4 | 4'-0" | 33 |
| *E3 | 4 | #7 | 4 | 4'-7" | 37 |
| *E4 | 4 | #7 | 4 | 5'-1" | 42 |
| *F1 | 2 | #6 | STR | 3'-0" | 9 |
| *F2 | 4 | #6 | STR | 3'-6" | 21 |
| *F3 | 2 | #6 | STR | 3'-9" | 11 |
| *F4 | 2 | #6 | STR | 3'-0" | 9 |
| *F5 | 4 | #6 | STR | 3'-9" | 23 |
| *F6 | 2 | #6 | STR | 4'-0" | 12 |
| *G1 | 2 | #5 | STR | 37'-4" | 78 |
| *G2 | 289 | #4 | STR | 6'-3" | 1207 |
| *K1 | 8 | #5 | 1 | 7'-0" | 58 |
| *K2 | 12 | #5 | 2 | 8'-2" | 102 |
| *K3 | 16 | #5 | STR | 7'-5" | 124 |
| *S1 | 48 | #4 | 3 | 3'-7" | 115 |
| REINFORCING STEEL | | | | 28,185 | LBS. |
| * EPOXY COATED REINFORCING STEEL | | | | 35,839 | LBS. |

* THESE BARS ARE EPOXY COATED



ALL BAR DIMENSIONS ARE OUT TO OUT

SUPERSTRUCTURE BILL OF MATERIAL

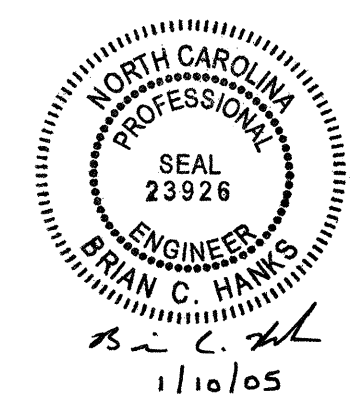
| RIGHT LANE | CLASS AA CONCRETE (CU.YDS.) | REINFORCING STEEL (LBS.) | EPOXY COATED REINFORCING STEEL (LBS.) |
|-----------------|-----------------------------|--------------------------|---------------------------------------|
| SPANS "A" & "B" | 322.6 | 28,185 | 35,839 |
| SIDEWALK | 50.2 | *** | *** |
| END POSTS | 1.8 | *** | *** |
| TOTALS ** | 374.6 | 28,185 | 35,839 |

** QUANTITIES FOR BARRIER RAIL ARE NOT INCLUDED
*** QUANTITIES ARE INCLUDED IN SPAN TOTAL

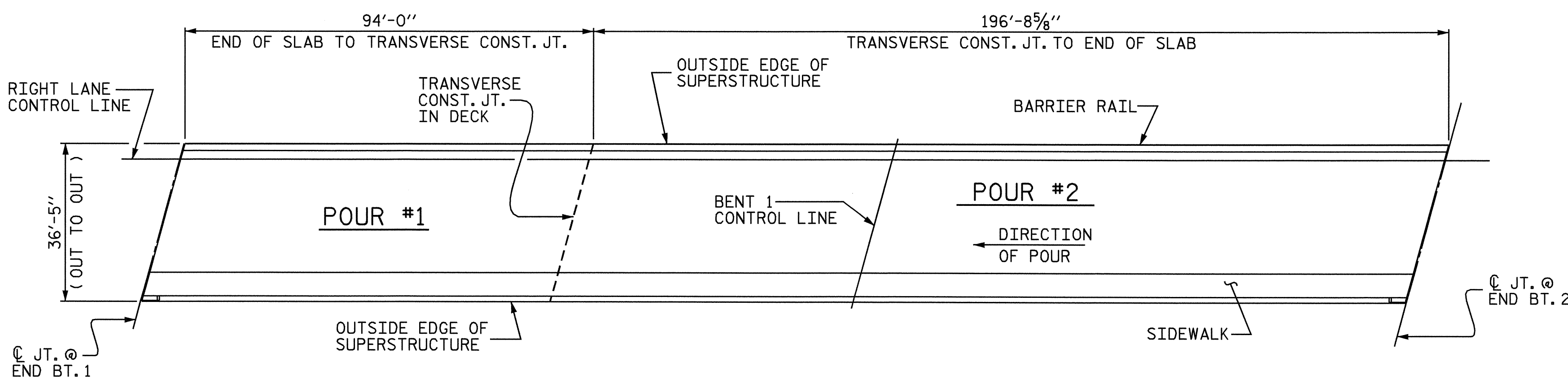
PROJECT NO. U-3837
FORSYTH COUNTY
STATION: 21+64.07 -L-

STATE OF NORTH CAROLINA
DEPARTMENT OF TRANSPORTATION
RALEIGH

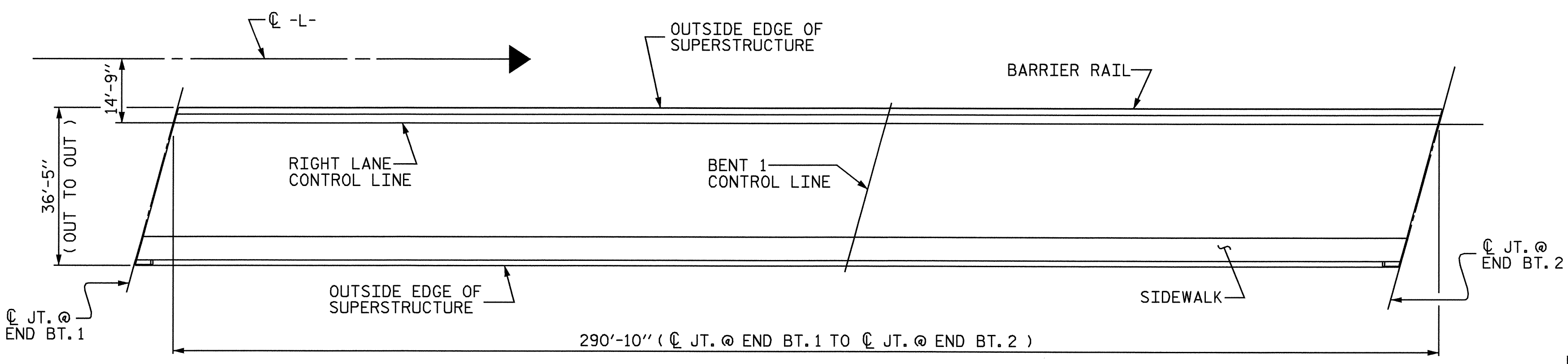
SUPERSTRUCTURE BILL OF MATERIAL
(RIGHT LANE)



| REVISIONS | | | | | | SHEET NO. |
|-----------|-----|-------|-----|-----|-------|-----------------|
| NO. | BY: | DATE: | NO. | BY: | DATE: | S-66 |
| 1 | | | 3 | | | TOTAL SHEETS 78 |
| 2 | | | 4 | | | |



CONCRETE DECK POUR DETAIL
SEE TRANSVERSE CONSTRUCTION JOINT DETAIL
CONSTRUCTION JOINT IS PARALLEL TO JT JOINT



LAYOUT FOR COMPUTING AREA OF REINFORCED CONCRETE DECK SLAB
(SQ. FT. = 10,591)

| GROOVING BRIDGE FLOORS | |
|------------------------|--------------|
| APPROACH SLABS | 1,490 SQ.FT. |
| BRIDGE DECK | 7,260 SQ.FT. |
| TOTAL | 8,750 SQ.FT. |

ASSEMBLED BY : MIKE BRITT
CHECKED BY : William J. Parker
DATE : 12-17-03
DATE : 05/26/04