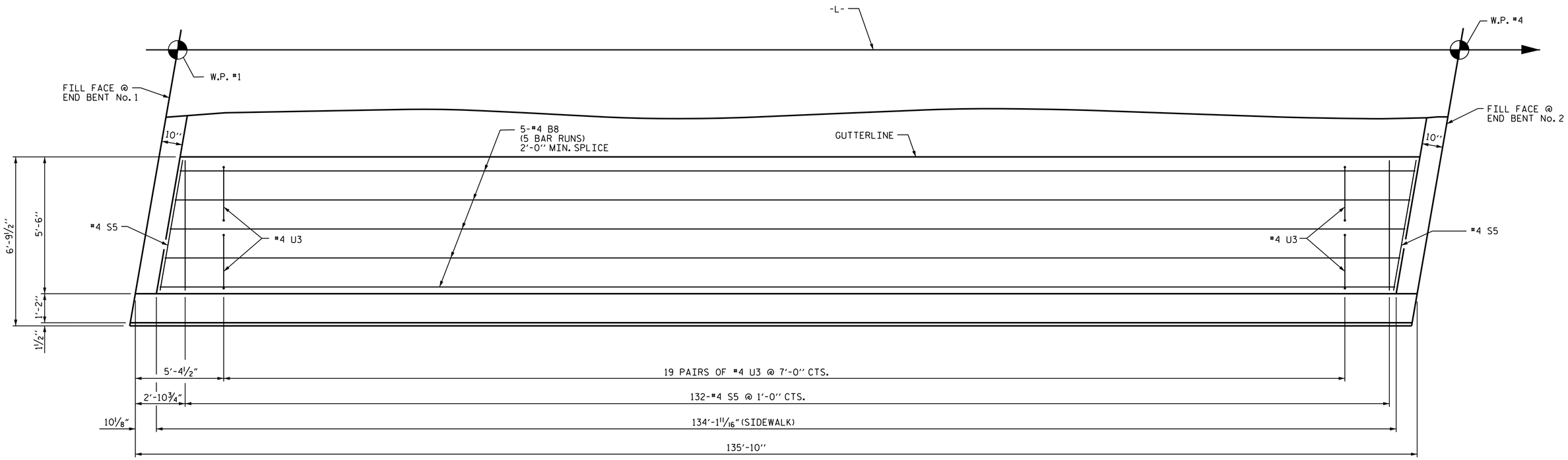



## PLAN OF SIDEWALK

## NOTES

FOR END POST DETAILS AND REINFORCING STEEL SEE "RAIL POST SPACINGS AND END OF RAIL DETAILS" SHEET.

ALL REINFORCING STEEL IN SIDEWALK SHALL BE EPOXY COATED.

GROOVED CONTRACTION JOINTS ½" IN DEPTH, SHALL BE TOOLED IN ALL EXPOSED FACES OF SIDEWALK IN ACCORDANCE WITH ARTICLE 825-10(B) OF THE STANDARD SPECIFICATIONS. THE CONTRACTION JOINTS SHALL BE LOCATED AT A SPACING OF 8 FEET TO 10 FEET BETWEEN EXPANSION JOINTS. NO CONTRACTION JOINTS WILL BE REQUIRED FOR SEGMENTS LESS THAN 10 FEET IN LENGTH.

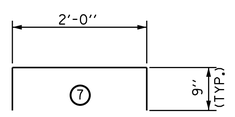
SIDEWALK IN THE CONTINUOUS UNIT SHALL NOT BE CAST UNTIL ALL SLAB CONCRETE IN THAT UNIT HAS BEEN CAST AND REACHED A MINIMUM COMPRESSIVE STRENGTH OF 3,000 PSI.

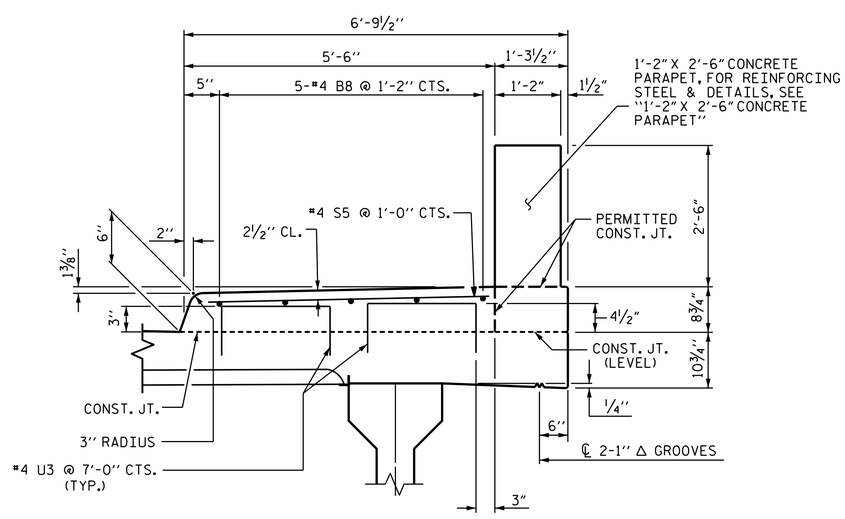
NO SEPARATE PAYMENT WILL BE MADE FOR THE SIDEWALK AS IT IS INCLUDED IN THE SQUARE FOOT COST OF REINFORCED CONCRETE DECK SLAB.

### SIDEWALK BILL OF MATERIAL

| BAR | NO | SIZE | TYPE | LENGTH | WEIGHT |
|---|---|---|---|---|---|
| * B8 | 25 | 4 | STR | 28'- 5" | 475 |
| * S5 | 134 | 4 | STR | 4'-10" | 433 |
| * U3 | 38 | 4 | 7 | 3'- 6" | 89 |
| * EPOXY COATED REINFORCING STEEL | | | | LBS. | 997 |
| CLASS AA CONCRETE | | | | CU. YDS. | 20.7 |

### BAR TYPE




## SECTION THRU SIDEWALK

** #4 U3 BARS MAY BE PUSHED INTO GREEN CONCRETE AFTER SPAN HAS BEEN SCREEDED OFF.

PROJECT NO. B-4983

BURKE COUNTY

STATION: 13+52.95 -L-

STATE OF NORTH CAROLINA
DEPARTMENT OF TRANSPORTATION
RALEIGH

SUPERSTRUCTURE

SIDEWALK DETAILS

NORTH CAROLINA PROFESSIONAL SEAL 20125 ENGINEER MARSHALL G. CHEEK, JR.

DocuSigned by: Marshall G. Cheek, Jr.
6549D6EBAA3B405...
4/25/2014

| REVISIONS | | | | | | | SHEET NO. |
|---|---|---|---|---|---|---|---|
| NO. | BY: | DATE: | NO. | BY: | DATE: | | S-16 |
| 1 | | | 3 | | | | TOTAL SHEETS |
| 2 | | | 4 | | | | 36 |

DRAWN BY : V.X. NGUYEN DATE : 6/26/12
CHECKED BY : H.T. BARBOUR DATE : 4/13
DESIGN ENGINEER OF RECORD: W. J. HARRIS DATE : 4/14

$$$$$$SYSTIME$$$$$
$$$$$$$$$$$$$$$$$$$$DGN$$$$$$$$$$$$$$$$$$$$$$$$
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