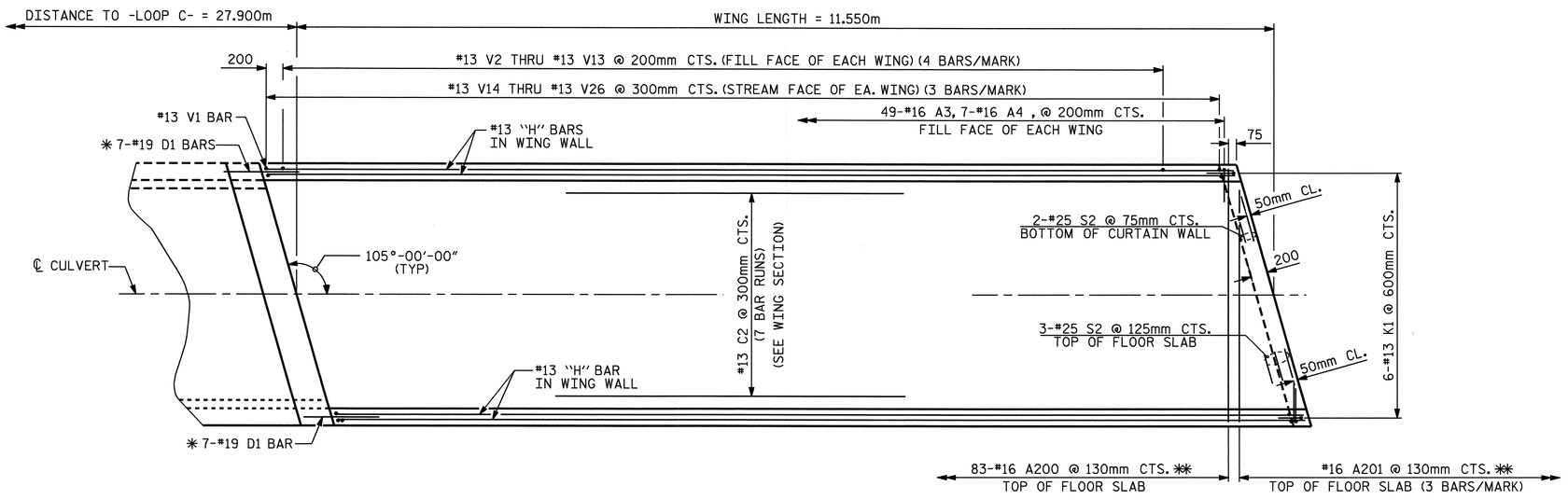
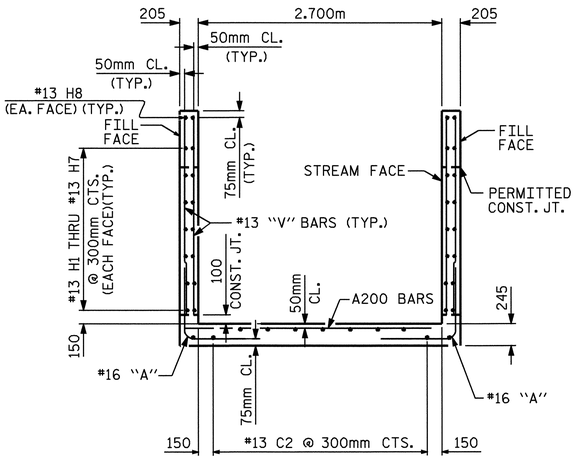


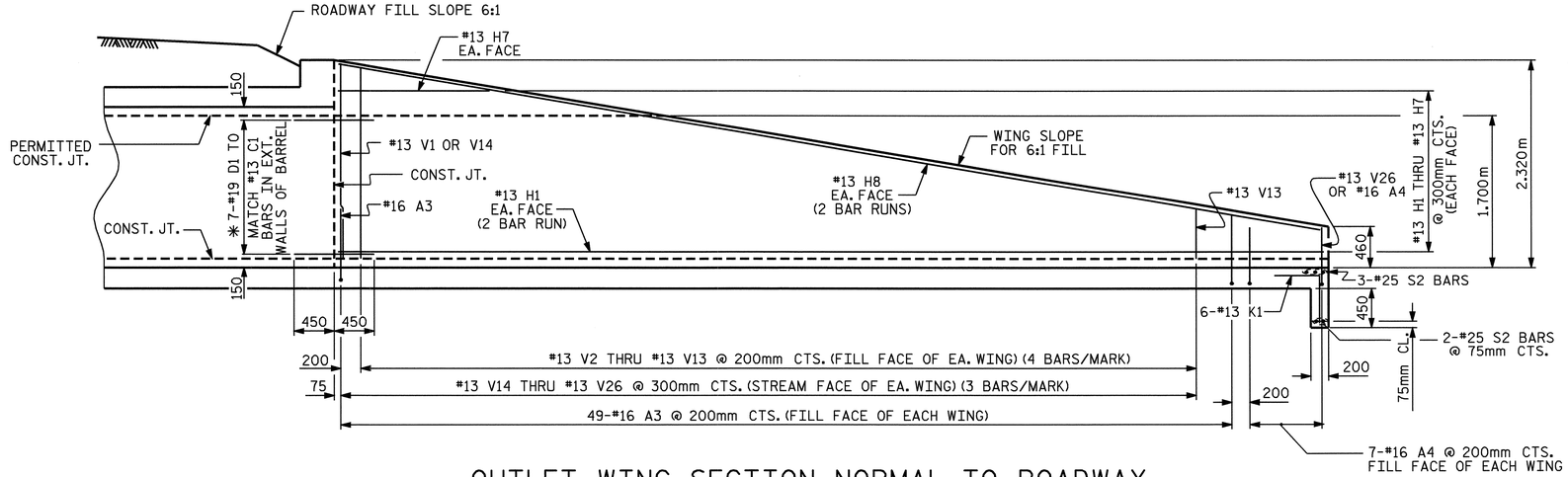

## PLAN - OUTLET WINGS

FOR WING FLOOR SLAB REINFORCING STEEL AND CONCRETE QUANTITIES SEE SHEET 3 OF 6.

✳ EMBED D1 BARS 450mm INTO THE EXTERIOR WALLS OF BARREL.




## TYPICAL WING SECTION




## OUTLET WING SECTION NORMAL TO ROADWAY

## REINFORCING STEEL BAR SCHEDULE OUTLET WINGS

| BAR | NO | SIZE | TYPE | LENGTH | WEIGHT |
|---|---|---|---|---|---|
| H1 | 8 | 13 | STR | 6020 | 48 |
| H2 | 8 | 13 | STR | 5960 | 47 |
| H3 | 8 | 13 | STR | 5060 | 40 |
| H4 | 4 | 13 | STR | 7700 | 31 |
| H5 | 4 | 13 | STR | 5900 | 23 |
| H6 | 4 | 13 | STR | 4100 | 16 |
| H7 | 4 | 13 | STR | 2300 | 9 |
| H8 | 8 | 13 | STR | 6100 | 49 |
| V1 | 2 | 13 | STR | 2140 | 4 |
| V2 | 8 | 13 | STR | 2060 | 16 |
| V3 | 8 | 13 | STR | 1920 | 15 |
| V4 | 8 | 13 | STR | 1800 | 14 |
| V5 | 8 | 13 | STR | 1660 | 13 |
| V6 | 8 | 13 | STR | 1540 | 12 |
| V7 | 8 | 13 | STR | 1400 | 11 |
| V8 | 8 | 13 | STR | 1280 | 10 |
| V9 | 8 | 13 | STR | 1140 | 9 |
| V10 | 8 | 13 | STR | 7020 | 8 |
| V11 | 8 | 13 | STR | 900 | 7 |
| V12 | 8 | 13 | STR | 760 | 6 |
| V13 | 8 | 13 | STR | 640 | 5 |
| V14 | 6 | 13 | STR | 2060 | 12 |
| V15 | 6 | 13 | STR | 1900 | 11 |
| V16 | 6 | 13 | STR | 1760 | 10 |
| V17 | 6 | 13 | STR | 1620 | 10 |
| V18 | 6 | 13 | STR | 1480 | 9 |
| V19 | 6 | 13 | STR | 1320 | 8 |
| V20 | 6 | 13 | STR | 1180 | 7 |
| V21 | 6 | 13 | STR | 1040 | 6 |
| V22 | 6 | 13 | STR | 900 | 5 |
| V23 | 6 | 13 | STR | 740 | 4 |
| V24 | 6 | 13 | STR | 600 | 4 |
| V25 | 6 | 13 | STR | 460 | 3 |
| V26 | 6 | 13 | STR | 320 | 2 |
| | | | TOTAL | Kg | 768 |

REINFORCING STEEL FOR OUTLET WINGS 768 Kg.

CLASS A CONCRETE

2 WINGS 6.8 m³

TOTAL 6.8 m³

| SPLICE CHART | |
|---|---|
| H1, H2, H3, H8, C2 | 590 |

PROJECT NO. R-2552C

JOHNSTON COUNTY

STATION: 4+93.000 -LOOP C-

SHEET 5 OF 6

STATE OF NORTH CAROLINA
DEPARTMENT OF TRANSPORTATION
RALEIGH

# OUTLET WINGS SINGLE 2.700m X 1.800m CONCRETE BOX CULVERT 105° SKEW

| REVISIONS | | | | | | SHEET NO. |
|---|---|---|---|---|---|---|
| NO. | BY: | DATE: | NO. | BY: | DATE: | C-35 |
| 1 | | | 3 | | | TOTAL SHEETS |
| 2 | | | 4 | | | 42 |

DRAWN BY : A. K. PATEL/TLC DATE : 01/21/04
CHECKED BY : T.A.HARRIS DATE : 11/09/04

02-MAR-2005 13:36
W:\squado\r2552c\TCLELL~1\MICROS~1\R-2552C\R-2552~3.DGN
tclelland

STR. #12 21