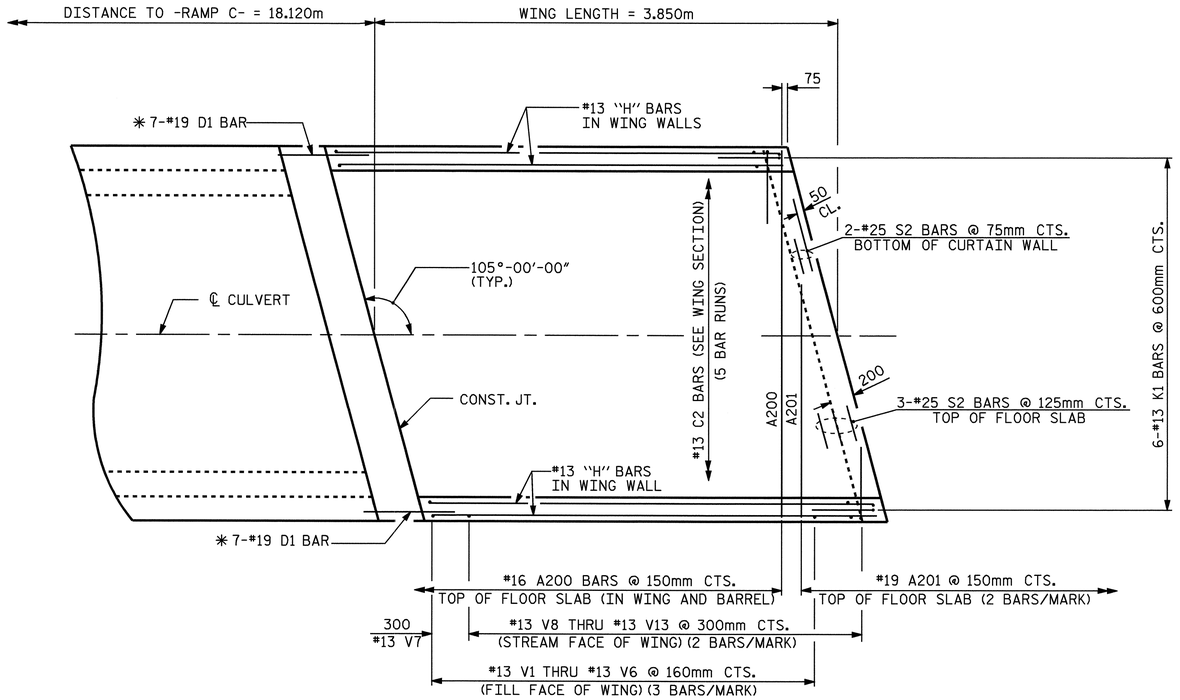
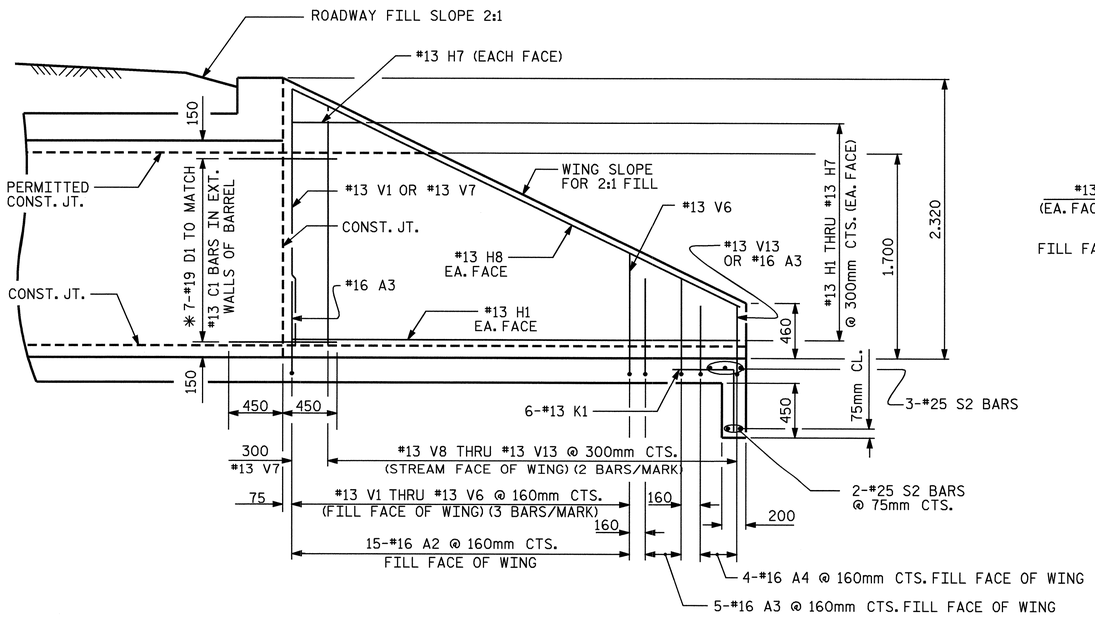
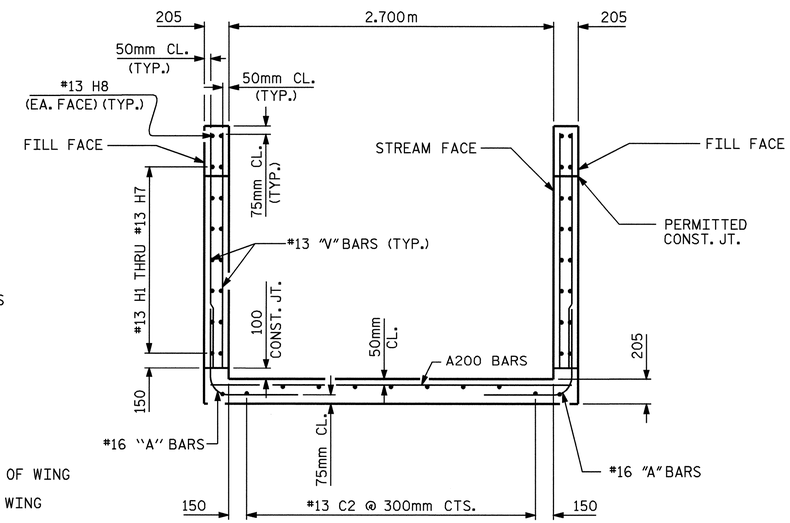


PLAN - OUTLET WINGS



OUTLET WING SECTION NORMAL TO ROADWAY



TYPICAL WING SECTION

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

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

REINFORCING STEEL BAR SCHEDULE OUTLET WINGS

BAR	NO	SIZE	TYP	LENGTH	WEIGHT
H1	4	13	STR	3740	15
H2	4	13	STR	3700	15
H3	4	13	STR	3080	12
H4	4	13	STR	2460	10
H5	4	13	STR	1840	7
H6	4	13	STR	1220	5
H7	4	13	STR	600	2
H8	4	13	STR	4160	17
V1	6	13	STR	1980	12
V2	6	13	STR	1740	10
V3	6	13	STR	1500	9
V4	6	13	STR	1280	8
V5	6	13	STR	1040	6
V6	6	13	STR	820	5
V7	2	13	STR	2120	4
V8	4	13	STR	1840	7
V9	4	13	STR	1540	6
V10	4	13	STR	1260	5
V11	4	13	STR	960	4
V12	4	13	STR	680	3
V13	4	13	STR	380	2
TOTAL					163 Kg

CLASS A CONCRETE

2 WINGS 2.2 m3

TOTAL 2.2 m3

PROJECT NO. R-2552C

JOHNSTON COUNTY

STATION: 7+93.000 -RAMP C-

SHEET 5 OF 6

STATE OF NORTH CAROLINA
DEPARTMENT OF TRANSPORTATION
RALEIGH

OUTLET WINGS SINGLE 2.700m X 1.800m CONCRETE BOX CULVERT H=1.800m SLOPE 2:1 105° SKEW

REVISIONS						SHEET NO.
NO.	BY:	DATE:	NO.	BY:	DATE:	C-41
1			3			TOTAL SHEETS
2			4			42

NORTH CAROLINA PROFESSIONAL SEAL 14855 ENGINEER DOUGLAS R. CALHOUN
3-2-05

DRAWN BY : T.L.CLELLAND DATE : 10/20/04
CHECKED BY : T.A.HARRIS DATE : 11/15/04

02-MAR-2005 13:34
W:\squado\r2552c\TCLELL~1\MICROS~1\R-2552C\R-2552~4.DGN
tclelland

STR. #13722