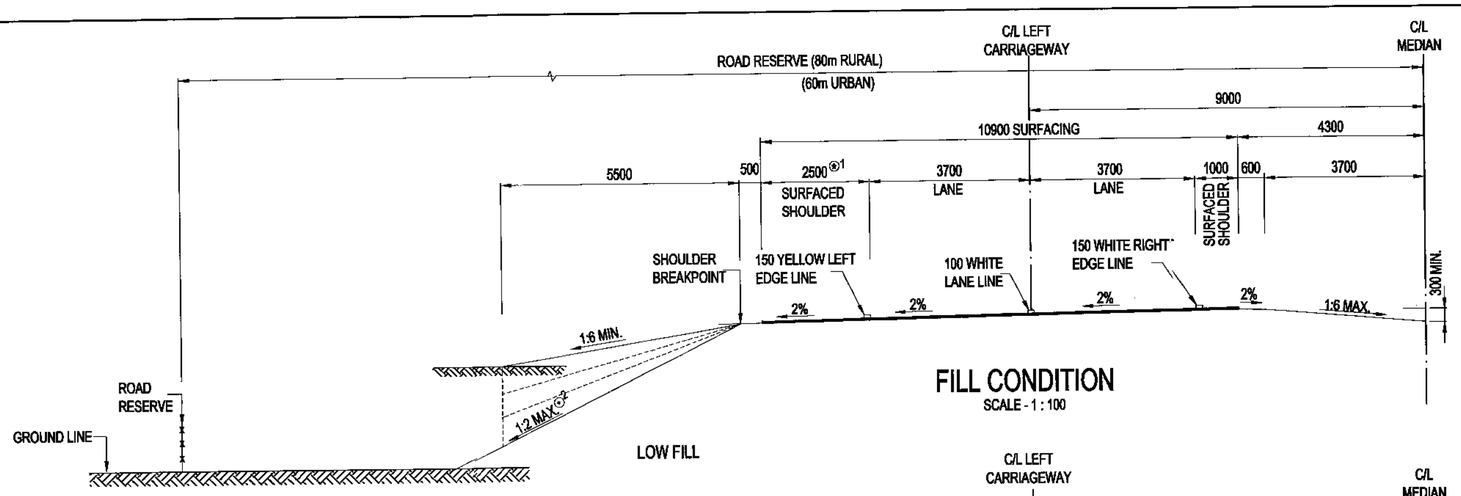
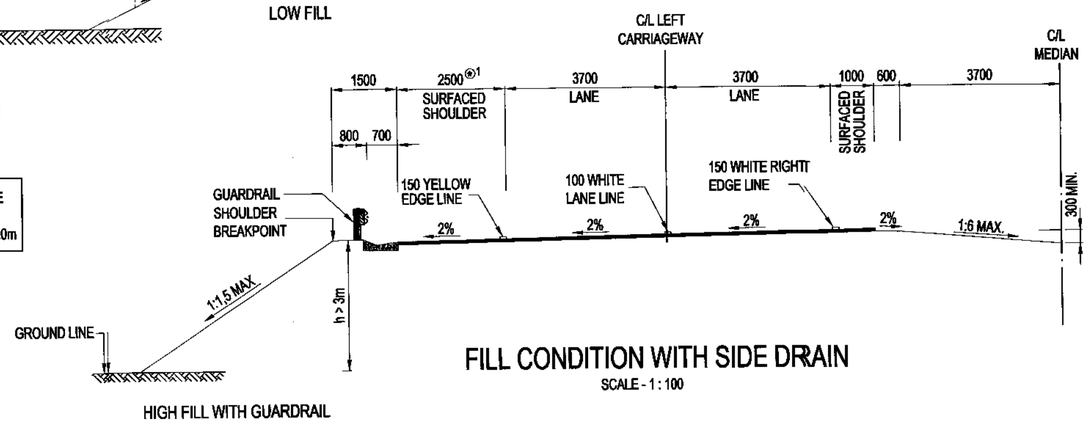


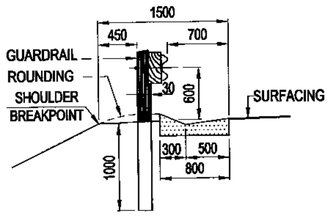
FILL CONDITION
SCALE - 1 : 100

⊙1 2500 PREFERRED
3000 MAXIMUM

⊙2 ALTERNATIVE IS TO USE A 1:1.5 SLOPE WITH A GUARDRAIL FROM h > 3.0m



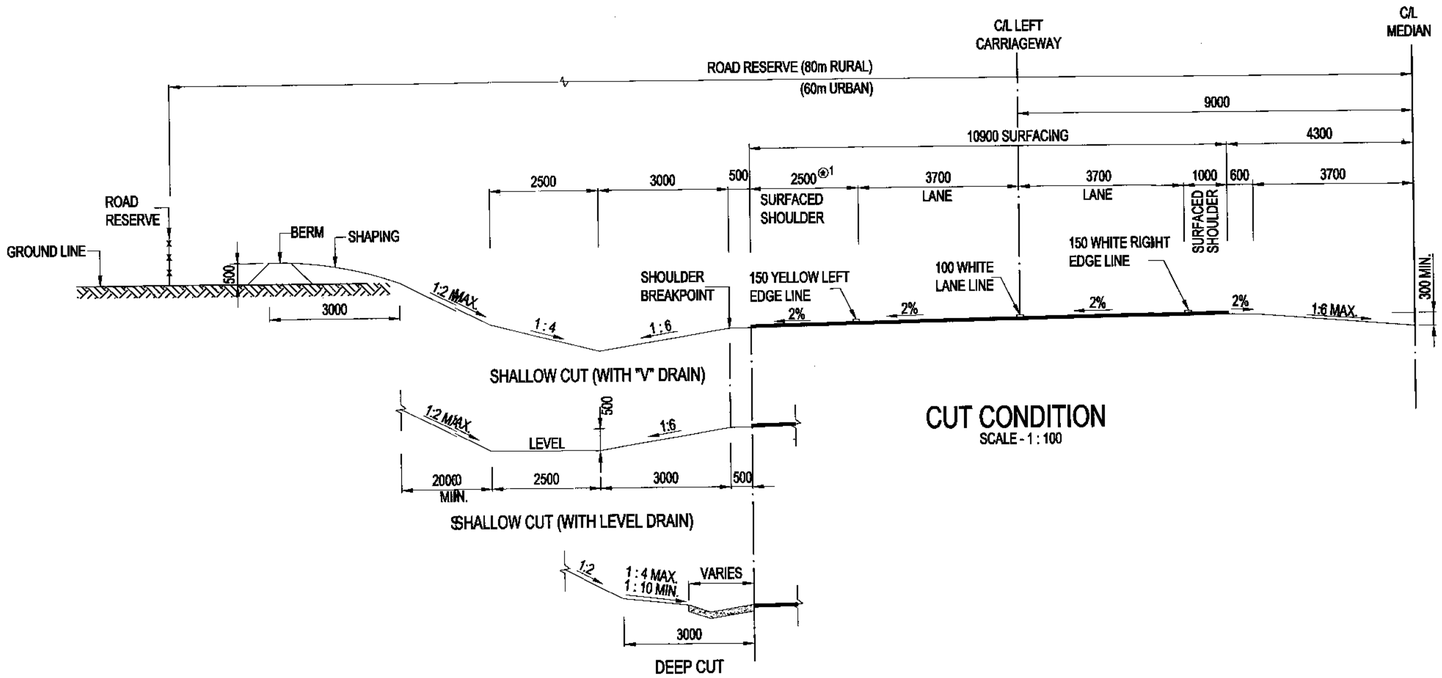
FILL CONDITION WITH SIDE DRAIN
SCALE - 1 : 100



POSITION OF TYPE 'A' CONCRETE SIDE DRAIN
SCALE - 1 : 50

NOTE :

1. THE TYPICAL CROSS-SECTION SHOWN IS BASED ON THE 18.0m CARRIAGEWAY C/L SPACING IN THE G2 MANUAL.
2. THE DRAWING INDICATES THE INSIDE FOUR TRAFFIC LANES OF THE SIX LANE CROSS-SECTION SHOWN ON DWG. TD-R-XS-002
3. CURRENT PRACTICE IS TO INITIALLY CONSTRUCT THE INSIDE FOUR LANES OF THE FUTURE SIX LANE CROSS-SECTION.
4. RAMP DESIGN (VERTICAL AND HORIZONTAL) TO ALLOW FOR FUTURE SIX LANE STAGE.



CUT CONDITION
SCALE - 1 : 100

FOR LATEST VERSION CHECK www.nra.co.za

No.	DATE	VERSION / REVISION	APPROVED
V1	SEPT 2014	ORIGINAL VERSION	

SANRAL TYPICAL DRAWINGS

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THE SOUTH AFRICAN NATIONAL ROADS AGENCY 1998 Reg. No 1998/000534/30

HEAD OFFICE
48 Tambotie Avenue
Val de Grace
Pretoria
0184

PO Box 415
Pretoria 0001
South Africa

Tel: (012) 844 8000

APPROVED
DATE: 2015/06/26

TYPICAL DRAWINGS - ROADWORKS

TYPICAL CROSS-SECTIONS DUAL CARRIAGEWAY 4 - LANE DIVIDED

SANRAL DOC. No. (PDF): 1693117
SANRAL DOC. No. (DWG): 1797187
SANRAL DRAWING No: TD-R-XS-1001-V1