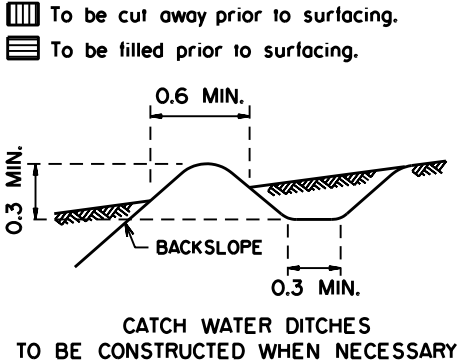


EARTH CUT SECTION

- WIDTH OF DITCH - 3.5m STANDARD, 1.5m MINIMUM.
- BACKSLOPE VARIABLE UP TO MAXIMUM NOTED, 1.5m TO BE LEFT BETWEEN TOP OF BACKSLOPE AND RIGHT-OF-WAY AS SHOWN.
- DITCH WIDTH AND ROUNDED AT TOP OF BACKSLOPE TO BE INCREASED AT BEGINNING AND END OF CUT SECTIONS FOR AESTHETICS.



- Notes:**
1. All dimensions are expressed in metres unless otherwise noted.
 2. Final sideslope on grade and pavement is dependent on structural depth but will be close to 4:1.

GRADE STAGE

- 5:1 SLOPES TO BE USED FOR THE FIRST 1.0m. STEEPER SLOPES MAY BE USED THEREAFTER AS PER FINAL STAGE REQUIREMENTS.

FINAL STAGE

- 4:1 SLOPES FOR AVERAGE FILLS LESS THAN 4.0m.
- 4:1 SLOPES CAN BE USED ON SHORT SECTIONS OF HIGHWAY FILL UP TO 14m IN HEIGHT (TO ELIMINATE THE NEED FOR GUARDRAIL), PROVIDING THERE ARE NO OBSTRUCTIONS WITHIN OR NEAR THE RIGHT-OF-WAY LIMITS.
- 3:1 OR 2:1 SLOPES MAY BE USED UPON APPROVAL IN AREAS WHERE GUARDRAIL IS TO BE INSTALLED.
- THE CHOICE BETWEEN 4:1 SLOPE AND GUARDRAIL INSTALLATION ON HIGH EMBANKMENTS IS GENERALLY MADE BASED ON LIFE-CYCLE COST-EFFECTIVENESS.
- 3:1 SLOPES ARE TO BE USED ON ALL FILLS ADJACENT TO DRAINAGE STRUCTURES OVER 1200mm IN DIAMETER, CATTLE PASSES, OPEN WATER, ETC. WHERE GUARDRAIL INSTALLATION IS NECESSARY FOR HIGHWAY SAFETY.
- TRANSITION BETWEEN SLOPES SHALL BE ATTAINED BY USING UNIFORMLY VARYING SLOPES. GENERALLY THE MINIMUM LENGTH OF TRANSITION SHALL NOT BE LESS THAN 30m.
- BERM ALSO TO BE CONSTRUCTED ADJACENT TO OPEN WATER.

FILL SECTION

	RENUMBERED FROM CB6-2.3M47	TDN	04/98
	ADDED NOTE FOR FUTURE OVERLAY		10/97
No.	REVISIONS	BY	DATE

Approved:
 ORIGINAL SIGNED BY ALLAN KWAN
 Executive Director,
 Technical Standards Branch



Date: 19 JULY 1995

STANDARD CROSS-SECTION USING MODIFIED SUBGRADE FOR RAU/RCU-209-110 (USE WHERE SURFACING WILL BE DELAYED FOR AT LEAST 3 YEARS)

Prepared By: R.M.	Checked By: B.K.	Scale: N.T.S.	Dwg No.: CB6 2.3MIB
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SUPERSEDED