



NOTE:
THIS DESIGNATION IS RECOMMENDED FOR SECONDARY HIGHWAYS SERVING A LOCAL FUNCTION AND HAVING LESS THAN 200 AADT.

FILL SECTION

- * 4:1 SLOPES FOR AVERAGE FILLS LESS THAN 4.0 m.
- * 4:1 SLOPES CAN BE USED ON SHORT SECTIONS OF HIGHWAY FILL UP TO 14 m IN HEIGHT (TO ELIMINATE THE NEED FOR GUARDRAIL), PROVIDING THERE ARE NO OBSTRUCTIONS WITHIN OR NEAR THE RIGHT-OF-WAY LIMITS.
- * 3:1 SLOPES 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 30 m.
- * BERM ALSO TO BE CONSTRUCTED ADJACENT TO OPEN WATER.

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 LIMIT AS SHOWN.
- * DITCH WIDTH AND ROUNDING AT TOP OF BACKSLOPE TO BE INCREASED AT BEGINNING AND END OF CUT SECTIONS FOR AESTHETICS.

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No.	REVISIONS	BY	DATE

Approved:

ORIGINAL SIGNED
BY DES WILLIAMSON

Executive Director
Technical Services Branch

Date: APR 2011

Alberta
Transportation

**STANDARD CROSS-SECTION
FOR SERVICE ROADS
RLU-210G-100**

Prepared By: GEC	Checked By: PM	Scale: NTS	Dwg No: CB6-2.3M50
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