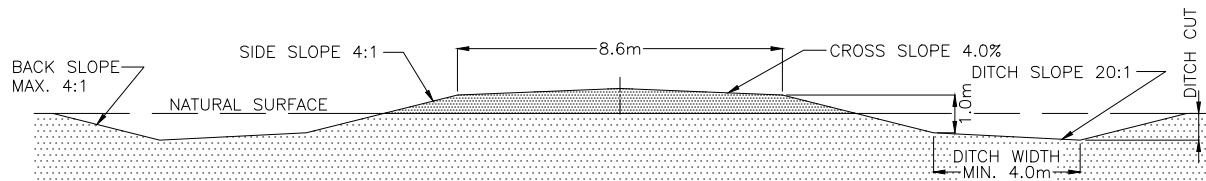


Standard 30m ROW Road Cross Section Detail



NOTES: -Basic road surface width: 8.6m, D = 1.0m.

- The average shoulder elevation of the road surface to be approximately 0.5m above adjacent natural ground surface.
- Road surface shall not be less than 1m above high water level of ground water table.
- Road surface, side slopes, ditches and backslopes shall be bladed smooth to conform to the standard cross section.
- The road top shall be capped with a layer of suitable clay material having a minimum thickness of 0.30m
- Culverts should be designed for at least a Q15 flow with a minimum diameter of 500 mm for through grade and equalizer culvert with 400 mm being adequate for access approaches
- Gravel surfacing required at a rate of 335 cub.m./km incorporated, and 100 cub.m./km surfacing upon completion.
- Maximum road gradient of 6 %, with 7% being permitted in special circumstances.
- Road surface to be compacted and graded to create a firm, stable driving surface that is not subject to rutting.
- Stopping site distance 140m at 80 km/h.
- Remove and replace topsoil as required with a minimum 150 mm of topsoil replaced.
- Insure the R.M. of Estevan Manager of Engineering Services is contacted prior to construction commencing.

R.M. OF ESTEVAN #5	Project: Road Design Standard	Drawn By: BJB
	Description: 30m ROW Road Cross Section	Scale: 1:200
		Date: 02/11/20