

	WINDING ROAD SIGN		Issued: DEC 2003
			Revised: DEC 2006
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RECOMMENDED PRACTICES	PART	HIGHWAY SIGNS	
	SECTION	WARNING SIGNS	
	SUB-SECTION		

General

Roadway sections with several curves in succession pose a significant hazard to motorists, often requiring them to adjust their speed in order to avoid a collision.

Motorists approaching a section of roadway with multiple curves are advised of the roadway hazard ahead with the use of the Winding Road sign. The sign replaces individual Reverse Curve or Curve signs that would otherwise be required.

Standard

The Winding Road sign (WA-6) is introduced in advance of a roadway section comprising of three or more curves in succession.

Each curve within a winding road section must meet the requirements for a Curve sign as defined in Table 1, included in the guideline entitled Turn and Curve signs.

If the first curve is to the right, the right version of the sign (WA-6-R) is used. If the first curve is to the left, the left version (WA-6-L) is used.

If the length of a multiple curve road section exceeds 1 km, a Distance tab (WA-28S) may be attached below the sign indicating the length of the winding section ahead.



WA-6-R WA-6-L	600 mm x 600 mm R-right, L-left	
Colour	Symbol and Border Background	Black Yellow
Sheeting	ASTM, Type III or IV	



WA-28-T	600 mm x 300 mm	
Colour	Symbol and Border Background	Black Yellow
Sheeting	ASTM, Type III or IV	

Guidelines for Use

In general, the Winding Road sign should only be considered when it is impractical to sign adjacent curves with separate Curve signs. Curves on higher class provincial highways should be signed with separate Curve signs.

Curves on lower class roadways with lower traffic volumes are better candidates for signing with a Winding Road sign provided the installation of a combined sign is practical and does not pose safety concerns.

When the speed differential between the speed along any of the curves and the roadway approach speed (i.e., posted speed) exceeds 15 km/h, the curves must be signed separately.

The Winding Road sign should only be installed if the successive curves within a candidate section are separated by a tangent of less than 120 m.

If the tangent separating the successive curves exceeds 120 m, the configuration must be signed as separate curves, regardless of the roadway class.

A Distance tab, if needed, should be placed immediately below the Winding Road sign. The distances shown on the tab should be in multiples of 1km.

Guidelines for Placement

The Winding Road sign should be installed in advance of the winding roadway section. (one for each direction of travel).

Signs should be placed in accordance with the criteria specified in Table 2 included in the guideline entitled Turn and Curve Signs.

References to Standards

Recommended Practices, Section: Warning Signs	Turn And Curve Signs
Recommended Practices, Section: Warning Signs	Reverse Curve signs
Recommended Practices, Section: Traffic Operations	Methods for Establishing Safe Speeds on Curves