	KILOMETRE MARKERS		<i>Issued: DEC 2003</i>
			<i>Revised: DEC 2006</i>
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RECOMMENDED PRACTICES	PART	HIGHWAY SIGNS	
	SECTION	GUIDE AND INFORMATION SIGNS	
	SUB-SECTION		

General

Kilometre markers are placed at the edge of the highway to assist motorists in determining their location, and provide a means to identify the location of incidents and emergencies.

Eligibility

Any local government or private business organization may request authorization to install kilometre markers on the highway.

Kilometre markers are permitted on highways located in remote areas of the province where the number of significant crossroads averages less than one access every 10 km for a minimum distance of 100 km. Significant crossroads consist of numbered highways, township roads, range roads and local named roads.

Description and Use

Kilometre markers consist of white numerals (kilometre posting) on a green background. Details of the markers can be found in Figure TCS-A-425. Using kilometre markers, motorists are able to determine relative positions along the highway for checking their travel progress.

More importantly, the kilometre markers also provide information for reporting emergencies and incidents when there are few reference points along the highway.

Where the significant crossroad count is greater than one access per 10 km on average, rural address signs (highway route markers, township roads, range roads and local named road signs and related confirmation distance signage) will be used instead of kilometre markers. Rural address signs are preferred over kilometre markers as they not only provide references along the route, but serve as way-finding aids for businesses and services located off the highway.

Kilometre markers will be installed on a request basis only. Authorization is required from Alberta Infrastructure and Transportation before kilometre markers can be installed on a remote highway.

Guidelines for Use

Kilometre markers are placed every 4 kilometres along the route. The markers begin with kilometre "0" at most westerly limit for west-east routes and begin at the most southerly limit for south-north routes. Kilometre markings increase with increasing chainage along the highway. Motorists travelling in the opposite direction will see the kilometre markings displayed in descending order.

The marker may be adjusted by moving a maximum of 200 metres in either direction along the highway, to clear any obstacles, without incurring any correction to the kilometre postings. In the event that a marker must be moved more than 200 m, the kilometre marker may be moved to the

next or preceding kilometre posting, or the kilometre marker can be omitted.

Kilometre marker spacing may be increased to 2 km intervals in locations having complex vertical or horizontal alignments.

For two-lane undivided highways, the kilometre marker posts are placed on the right-hand side of highway in the direction of increasing kilometres with back to back signs placed on a single post. For divided highways, the signs are placed on the right-hand side of the travel lane for both directions of travel. The signs are installed 6 metres from the white shoulder line with the bottom of the sign face mounted 1.5 metres above the road surface.

Highways that may be characterized as being “remote” will begin with marker posting “0 km” at the following junctions:

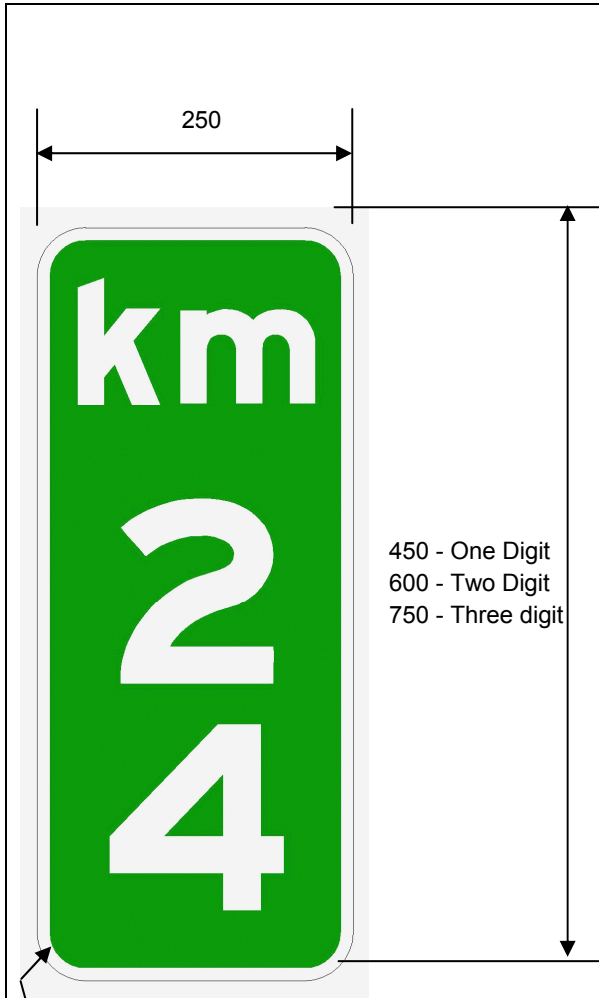
Route	“0 km” Starting Point
Highway 35	Jct. Highway 2
Highway 40	Jct. Highway 734
Highway 58	Start of 58:04 at Rainbow Lake
Highway 63	Jct. Hwy 55 and 855
Highway 88	Jct. Highway 2
Highway 881	Jct. Highway 55

Zero kilometre postings for other highways that qualify for kilometre markers will be established at the time of application.

Kilometre marker posts shall be applied to substantial lengths of highway rather than several short sections. Substantial lengths means distances of not less than 100 km, where the markers fully cover the length of highway between major highway junctions or major population centres.

References to Standards

Recommended Practices, Section: Information and Guide Signs	Rural Address Signs
Recommended Practices, Section: General	Placement of Signs



R = 38

Dimensions shown are in millimetres unless when otherwise noted

SIGN DETAILS

LETTERS – 100 mm Series E(m)
 NUMBERS – 150 mm Series E(m)
 BORDER – 10 mm edge

COLOUR: Message – White
 Background – Green
 Border – White

SUBSTRATE: Minimum 19 mm High Density Plywood, or minimum 2 mm Flat Aluminum

SIGN FACE: Type III or IV High Intensity Retro-Reflective Sheeting

SUPPORTS: 100 mm x 100 mm Pressure Treated Wood Post or Approved Steel Post.

PLACEMENT: 6 m from white shoulder line
 1.5 m above road level

Divided Highways – placed on right side of lane in both directions of travel.

Undivided Highways – placed on right side of lane in increasing kilometre chainage. Signs are mounted back to back on a single sign post.

SPACING: Signs placed at 4 km intervals.

NO.	DESCRIPTION	BY	DATE

	DRAWING TCS-A-550
	Date: DEC 2003

KILOMETRE MARKER

Prepared by: S.L.	Checked by: R.D.	Scale: N.T.S.	SECTION A4
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