

	<b>Council Policy</b>		
	Classification <b>Public Works</b>		Policy No. <b>PW 2.10</b>
	Policy Title <b>Road Specifications</b>		
	Approved By: Council	Effective Date: May 14, 2014	Revisions:

## Purpose

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To allow the County of Stettler No. 6 to set the design guidelines and construction specifications for new construction or upgrades of municipal roads. (Municipal roads are roads which are owned and/or maintained by the County of Stettler No. 6.)

## Statement

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All new construction of municipal roads or upgrades of existing municipal roads within the County of Stettler No. 6 must be designed according to the County of Stettler No. 6 standards set out in this Policy.

## Procedure

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Refer to the attached road cross-sections in this policy for the design guidelines and construction specifications for different municipal road types. The Developer must propose and obtain approval from the County for the exact road cross-section that will best suit local site conditions. Notwithstanding this, where lot sizes in a proposed multi-lot subdivision outside of an urban area (i.e. hamlet) are 0.33 acres or smaller and/or the lots have frontages of 25 metres width or less, the Developer is required to apply urban type road cross-sections, except where approved otherwise by the County.

The following list of design guidelines and construction specifications apply to all municipal road types:

1. All gravel roads to have a minimum of 450 tonne (276 m<sup>3</sup> or 360 yd<sup>3</sup>) of crushed gravel per kilometre of road (i.e. 576 yd<sup>3</sup> of crushed gravel per mile of road) for road types with a 7 metre top, unless otherwise specified in the road cross-sections mentioned

above. More gravel may be required depending on the width of the road and subject to the discretion of the Director of Public Works.

2. All culverts to be sized to accommodate storm flows. The minimum culvert diameter is 500 mm, subject to the discretion of the Director of Public Works in order to achieve a minimum of 300 mm depth of cover. Refer to Public Works Policy 2.6 – Installation of Approaches and/or Culverts for more information.
3. All access approaches require approval from the County of Stettler No. 6 prior to construction. Refer to Public Works Policy 2.6 – Installation of Approaches and/or Culverts for more information.
4. Place all required signage and fencing.
5. All rocks and debris must be removed from the road right of way and construction limits.
6. All sideslopes, backslopes and ditches are to be topsoiled (100 mm depth) and seeded to the County of Stettler No. 6 specifications (refer to 'Section 14 Landscaping Standards' in the Red Deer County 'Design Guidelines and General Construction Specifications'. The grass seed mix shall be to the satisfaction of the Director of Agricultural Services.
7. Cul de sac turn-arounds must have a minimum radius of 20 metres.
8. Within any rural road type right of way, utility services shall be placed as shown on the attached drawings 01-A, 02-A, 04-A and 05-A. Within any urban road type right of way, utility services shall be placed as shown on each urban road type cross-section (refer to Attachments).
9. The party initiating the road construction is required to enter into a Development Agreement with the County of Stettler No. 6 for all municipal work, prior to commencing the work.
10. The Director of Public Works may approve any variances to the above design guidelines and construction specifications.

11. The County will endeavour to conserve topsoil during road construction wherever possible.
12. Typically, newly constructed roads will be constructed to the standards set out in this policy and appropriate for the posted speed limit. For new roads where the County determines it is not cost effective to construct to the standard for the posted speed of the road, a lower standard may be permitted by the Director of Public Works for a specific element or the entire length of the road subject to installation of any required added safety devices including but not limited to warning signs or barrier installation.

**Attachments:**

The Rural and Urban Road Cross-sections are attached to this policy.

**Related Documents**

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Public Works Policy 2.6 – Installation of Approaches and/or Culverts  
 Public Works Policy 2.17 - Engineering Design Guidelines and General Construction Specifications

**Policy Authorization**

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<b>Reeve Signature</b>	<b>Effective Date</b>	<b>Resolution Number</b>
<i>transcription</i>	May 14, 2014	145.05.14.14