

	<b>Council Policy</b>		
	Classification <b>Public Works</b>		Policy No. <b>PW 2.3</b>
	Policy Title <b>Pipeline Crossing</b>		
	Approved By: <b>Council</b>	Effective Date: <b>May 10, 2017</b>	Revisions:

## Purpose

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To set the regulations affecting all road crossings in the County of Stettler No. 6.

## Policy Statements

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1. No pipeline shall be constructed on, across, over, under, or adjacent to any road without the approval of the Chief Administrative Officer or designate.
2. An Application for Pipeline Road Crossing Approval shall:
  - a. Be accompanied by detailed maps, plans, and drawings for approval, for all proposed pipelines or extensions or revisions thereto, before commencement of any construction.
  - b. These drawings shall show locations of the proposed road crossing(s).
  - c. The Contractor shall not proceed with any construction until the County has approved the plans. When the line is staked, and before any work commences, the crossing location(s) shall be inspected by authorized County personnel.
  - d. Be accompanied by a Specification Sheet showing:
    - i. Material to be transmitted
    - ii. Pipe specifications
    - iii. Outside diameter of pipe
    - iv. Maximum operating pressure
    - v. Protective coating
    - vi. Cathodic protection
    - vii. Tracer wire
    - viii. Minimum earth cover.
3. Upon receipt of an Application for Pipeline Road Crossing approval, the Chief Administrative Officer or his designate, shall inspect the proposed pipeline route and related specifications, and
  - a. may issue approval to construct as proposed, or
  - b. in the event that regulations are not complied with, may refuse to issue approval to construct until such time as proposed specifications meet required standards as outlined in the Installation Regulations.

## Installation Regulations

4. All pipelines shall be installed in accordance with regulations under the Pipeline Act, Chapter P-15, RSA 2000, the Gas Utilities Act, Chapter G-5, RSA 2000, the Energy and Utilities Board, the Canadian Standards Association, and as herein described.
5. Where a pipeline is to be placed parallel to a road it shall not at any point, be nearer than 30 meters to the boundary of such road, unless otherwise approved.
6. The Chief Administrative Officer and/or his designate reserve the right to determine the method of installing road crossing or locations thereof, type of crossing (plastic or steel) and width of Road Allowance or proposed Road Allowance concerned.
7. Where a pipeline is to be placed across a County road:
  - a. No bends shall be permitted in that portion of the pipeline within the boundaries of the road, or within 7.6 meters of the boundaries on either side of the road, unless otherwise approved.
  - b. It shall be located as to be at or near right angles (90 degrees) to the road.
  - c. It shall be placed at a depth of not less than 1.5 meters below the lowest portion of the ditch, or at a depth of not less than 2.2 meters below the centre line of the graded portion of the road, whichever provides the greatest earth cover, and such depth shall be maintained throughout the entire width of the road Right-of-Way.
  - d. Committee of Council and/or authorized Municipal employee(s) to make maps, plans, or drawings, as to the method of road crossing, i.e., 'bored' or 'punched' or 'trench-cut' and also to denote thereon Right-of-Way width if other than the statutory 300 meters.
  - e. Local roads that are gravel surfaced or dirt are to be crossed as marked (see iv above). Gravel must be replaced over the affected area. All backfill (including gravel) must be well tamped so as to avoid depressions on the road surface.
  - f. In the event that the graded portion of a road must be excavated, a Road Use Agreement must be obtained before any excavation takes place.
8. Where a pipeline carrying oil, gas, water, salt water, sewage, power, or other materials to be placed across a County road Right-of-Way, it may be placed at a depth of not less than 2.0 meters. The Council and/or authorized personnel has the right to require deeper depth if the crossing is at a location where a 'cut' will be required for road improvement. In some cases, it may be requested that the location be relocated because of this situation. The owner of such pipeline shall assume full responsibility for the locating, uncovering, extending of heavy wall pipe, or lowering of the pipeline in accordance with applicable standards, in the event of and whenever future road improvements require such work on the pipeline.
9. Where a pipeline carrying natural gas for rural distribution is to be placed across a Secondary Highway, it shall be constructed of polyethylene series 125, or material of equivalent strength.

10. Where a pipeline carrying natural gas for rural distribution is placed across a road, other than a Secondary Highway, it shall be constructed of polyethylene series 125, material of equivalent strength, or as otherwise approved prior to the placing of such pipeline.
11. Where a pipeline is to be placed across any road or road Right-of-Way:
  - a. It shall be constructed of such materials used in placing of pipelines on private lands.
  - b. The owner of such pipeline shall assume full liability for the lowering or upgrading of such pipeline in accordance with applicable standards.
  - c. When a pipeline crosses a Municipal road or Right-of-Way, the pipe used for crossing roads shall extend one or two rods as required beyond the Road Allowance boundaries and at the same depth.
12. The road and the Road Allowance must be restored to at least its original condition and maintained in this condition by the pipeline owner for a period of one (1) year after the installation of the road crossing, subject to final approval of the Director of Public Works, or his delegate.
13. Immediately following the completion of the placing of a pipeline across or on a road Right-of-Way, a sign shall be erected and maintained at each point where such pipeline enters or leaves the limits of a road. Such sign shall indicate location, ownership, and materials transported in the pipeline.
14. In the case of breakage of the company's pipeline or other emergency, no prior written notice shall be required to be given to the Municipality for the Company to enter a Road Allowance to attend to the emergency but the Municipality shall in all instances be advised forthwith of such emergency.

## Related Documents

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Form 5003 – Pipeline Crossing Approval

## Policy Authorization

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<b>Effective Date</b>	<b>Type of Review</b>	<b>Authorization</b>	<b>Resolution Number</b>
May 10, 2017	Review	Council	145.05.10.17