

Policy

Pipelines and Utility Lines Crossing County Road Allowances

Policy Number: PDS 7002-03

Supersedes Policy Number: PDS 7002-02

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POLICY STATEMENT

The County has standards and requirements as indicated in this policy for the construction of pipelines as well as requirements for the burial of Utility lines affecting County road allowances.

PURPOSE

To define the minimum requirements for the installation of pipeline and Utility lines crossing the road right-of-way boundary of any public road under the direction, control, and management of the County.

DEFINITIONS

CAO means the Chief Administrative Officer.

County means the County of Minburn No. 27.

Company means the owner and/or operator and/or contractor responsible for the pipeline and/or Utility.

Utility means public or private infrastructure to provide transmission service for (but not limited to) telecommunications, power, gas, water, storm sewer, or sanitary sewer.

GUIDELINES

1. Requirements

- a) Written requests for approval along with the plans for all proposed pipeline crossings and buried Utility lines shall be submitted by the Company to the County at least thirty days prior to the proposed construction/installation date.
- b) The plans shall clearly indicate the route or location of the proposed pipeline crossing and include a cross section indicating the proposed depth of the pipelines or Utility.
- c) No construction shall commence until County approval has been given in writing.
- d) The Company shall notify the County at least three days prior to construction commencement to indicate the date upon which construction will commence and be completed.
- e) Failure to advise the County of the location of the pipeline crossing or buried Utility may result in the County not authorizing the subject Company to use County road allowances for future pipeline or Utility burial.
- f) If deemed necessary, authorized County personnel may undertake pre and post inspections of the proposed crossing location(s) with representative(s) of the Company.
- g) The Company shall submit a processing fee for each application as set out in the County Master Rates Bylaw.

2. Design and Installation Requirements

- a) All crossings shall be made as close as possible to 90° (perpendicular to road allowance).
- b) There shall be no vertical or horizontal bends allowed within the road allowance or within 15 m (49.2 ft.) of the boundary of the road allowance.
- c) Pipelines running parallel to a road allowance shall be setback a minimum of 30 m (98.4 ft.) from the boundary of the road allowance.
- d) A pipeline crossing a developed road allowance shall be installed at a minimum depth of 2.13 m (7.0 ft.) below the existing ditch bottom and shall be continuously maintained at 2.13 m (7.0 ft.) for the entire width of the road allowance (see Schedule 'A').
- e) A pipeline crossing an undeveloped road allowance shall be installed at a minimum depth of 2.44 m (8.0 ft.) below the center of the road allowance. An undeveloped road allowance or dirt road may be open cut or trenched,

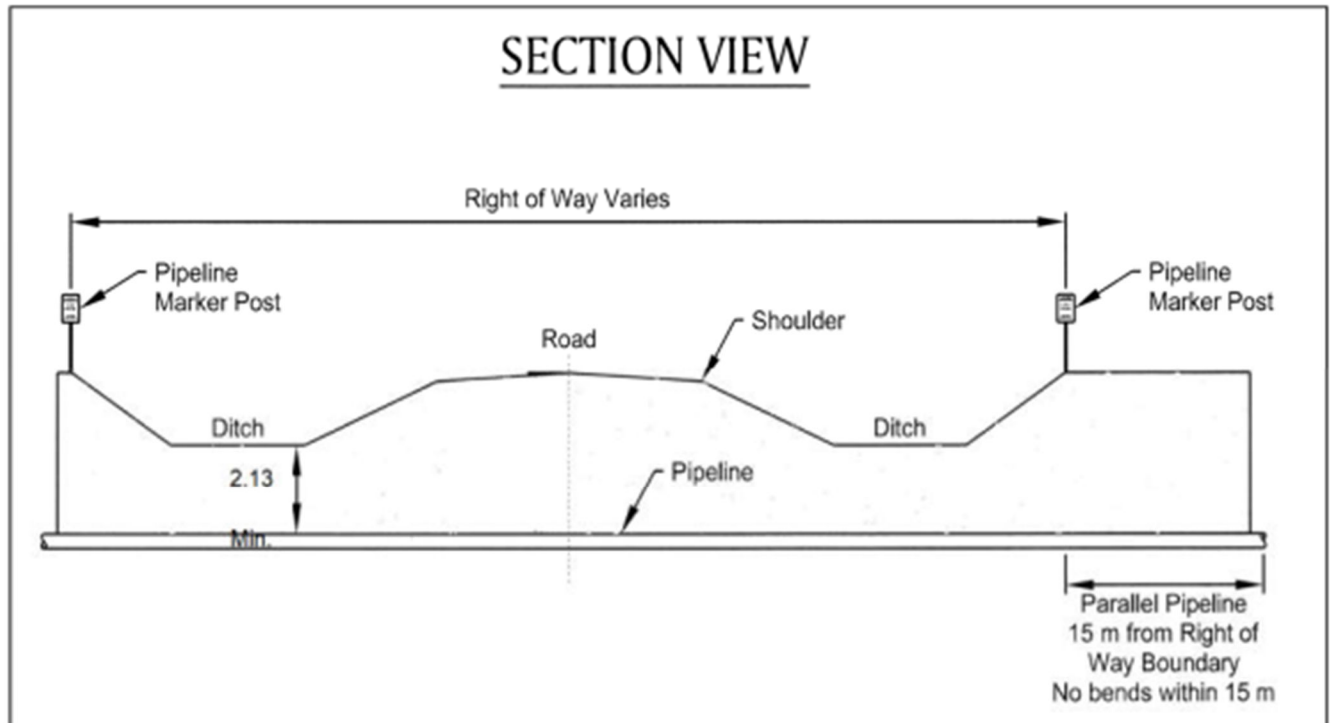
shall be well tamped during the backfilling process, and restored to its original condition.

- f) The depth of a buried Utility shall comply with the relevant Provincial and/or Federal Code requirements. If a Provincial or Federal Code does not apply, the depth shall be to the satisfaction of the Director.
- g) A crossing of a developed road allowance shall be bored or punched.
- h) There shall be no pipeline or buried Utility crossings of a road allowance at a high point (knoll, hill, etc.).

3. Safety Requirements

- a) Time shall be of the essence with regards to the disruption caused to the public roads. Where operations might affect traffic, barricades and/or "road closed"/warning signs shall be erected and maintained at the crossing and at the entrances to the portion of the affected road during construction. All work shall be undertaken in an expeditious and professional manner.
- b) The Company shall assume all legal liability (both personal and property) when road crossings and related works are undertaken within the County (see Schedule 'B').
- c) All pipeline construction and materials shall conform to any relevant regulation or requirement of the Alberta Energy Regulator (AER) and/or all relevant provincial Acts, Regulations, and Codes of Practice.
- d) The Company shall be responsible for properly marking both sides of the crossing with warning signs in accordance with provincial requirements (see Schedule 'A').
- e) That in the case of a break and/or leak or other emergency at the Company's pipeline, no prior written notice shall be required to be given to the County for the Company to enter a road allowance to attend to the emergency, but the County shall in said instances, be advised forthwith of such emergency.
- f) Construction shall only be carried out in the crossing area during daylight hours, except in the case of an emergency. During darkness or when visibility is reduced, all barricades/signage and the construction area shall be marked by flares or a similar warning device.
- g) Existing drainage patterns are to be accommodated and not altered.
- h) The Company shall be responsible for all costs for future relocation lowering, locating, or protection of the pipeline or buried Utility (see Schedule 'C').

4. Schedule 'A' – Cross Section



5. Schedule 'B' - Indemnification

The Company, its successors and assigns shall indemnify and save harmless the County of and from any and all losses, costs, charges, liabilities, damages and expenses (including without limiting the generality of the foregoing any and all liabilities to third parties, whether in contract, tort, or otherwise) which the Company at any time or times hereafter shall or may bear, suffer, sustain or incur for or by reason of the Company, its successors or assigns use of the road allowance area or by reason of the negligence of the Company, its successors and assigns servants, agents, employees or contractors.

6. Schedule 'C' – Relocation

Should relocation, lowering, locating or protection of the pipeline or buried Utility be required by the County in the future, with no other alternative being identified, the Company, its successors or assigns agree to relocate, locate, lower or protect the pipeline or buried Utility within the existing right of way with all reasonable costs relative thereto being borne by the Company, its successors or assigns. The County shall provide written notice to the Company, its successors or assigns at least sixty days prior to the relocation, locating, lowering, or protecting being required.