

SECTION: TRANSPORTATION

SUBJECT: PUBLIC UTILITY & UNDERGROUND  
SERVICE REGULATIONSOriginal Resolution No.: 84-4-11  
Revised Resolution No.: 97-06-20

Revised Resolution No.: 08-10-79

### Public Utility and Underground Service Regulations

These regulations shall govern standards and procedures used in the construction, maintenance and operation of pipelines and/or integral parts thereof or extensions thereto within the County. Provincial regulations must also be followed at all times.

1. 1.1 Council means Council of the County.
  - 1.2 Road crossing means any pipe installed across a road to convey gas, oil, water, sewage, etc.
  - 1.3 Secondary road means all numbered roads other than primary provincial highways.
  - 1.4 Oiled or light surface roads means roads which have a light asphalt or oil surface.
  - 1.5 Local roads means all roads other than those mentioned in 1.3 and 1.4.
  - 1.6 Unimproved road allowances means road allowances which have no constructed roads on them.
  - 1.7 Punched/bored means pneumatic or auger equipment used to obtain passage under road bed with disturbing surface.
  - 1.8 Open Cut/Trenching means an open cut ditch across road bed through road surface.
  - 1.9 Plough means a pull type or self-propelled machine used to bury plastic pipe and aluminum pipe in the ground in a continuous one-step operation, thus eliminating trenching and backfilling.
  - 1.10 Approved or otherwise approved means approval by Council and/or authorized personnel of the County.
  - 1.11 Pipeline means any piping system, as set forth in the Pipeline Act Chapter 275 of the Alberta Statutes 1970 and Amendments thereto, used in the transmission or gathering and/or distribution of gas, oil, water, sewage, minerals, etc.
  - 1.12 Owner means the owner and/or operator of a pipeline or integral part thereof.
2. **Pipelines**
    - 2.1 All pipelines paralleling road allowances, either improved or unimproved in the County, shall not be nearer than 100 feet to the boundary of road allowances at any point, unless otherwise approved (See Paragraph 1.10).

- 2.2 Where pipelines must cross a road, no bends shall be permitted in that portion of the pipeline within the boundaries of the road allowance or within 100 feet of the boundaries on either side of the road allowance without being approved.
- 2.3 The County shall be supplied with a detailed map, plans and drawings for all proposed pipelines and/or extensions or revisions thereto, prior to any construction. These drawings shall show locations(s) of proposed road crossing(s). After completion, the County shall be supplied with as built maps.
- 2.4 The County shall not be liable for any damage, injury or other costs or inconvenience arising from the construction, maintenance or operation of any pipeline or any integral part thereof within the County.
- 2.5 All pipeline right of ways shall be restored to their original condition or to the satisfaction of the Council.

### 3. Road Crossings

- 3.1 If deemed necessary, Council and/or authorized personnel may inspect proposed or installed crossings at any time with representatives of the pipeline owner or contractor concerned.
- 3.2 All oiled roads must be punched from shoulder to shoulder unless otherwise approved by Council. Shoulder punching shall take place in the ditch areas no less than 6 feet from the road shoulder unless approved otherwise by Management.
- 3.3 All graveled and undeveloped roads may be approved for open cut trenching by Management. The disturbed area shall be well tamped throughout the backfilling operation. Sufficient gravel, as determined by Management, will be spread over the disturbed area by the owner of the underground pipeline.
  - 3.3.1 The above mentioned roads will be the responsibility of the owner for a period of 1 year after date of completion or if the County is forced to make repairs from time to time in this period the owner will be charged accordingly.
  - 3.3.2 Maintenance and expense of all road crossings shall be at the expense of the owner.
- 3.4 The depth of all road crossings shall be a minimum of 48 inches (4 feet) below bar ditch, unless improvements to the road are proposed in the near future. The depth shall be maintained throughout the entire road allowance and the line shall be free from bends and rises.
  - 3.4.1 Road crossings which are to be improved may be required to be installed deeper to prevent damage to pipe. These installation depths shall be determined individually and the expense shall be borne by the owner.
- 3.5 All road crossings of secondary, oiled or light surfaced and other local roads which carry a substantial amount of heavy traffic (to be determined by Council and/or authorized personnel) shall be steel pipe or aluminium, as set down by the C.S.A. code and other provincial and federal regulations.

- 3.5.1 All other road crossings of improved roads shall be not less than series 100 plastic pipe or as set down by C.S.A. or and other provincial and federal regulations.
- 3.5.2 On unimproved road allowance the same type of pipe may be used as field ploughing and may be ploughed in as same, providing a proper installation be made, in case of improvements to the road at the cost of the owner.
- 3.5.3 All road crossings must be installed as near to 90 degrees as possible.
- 3.6 Road crossings shall be installed in a manner so as not to cause inconvenience to the public.
  - 3.6.1 Where a detour is necessary, a properly maintained detour must be provided. Signs and warnings must also be put up.
  - 3.6.2 All detours and responsibility are at the cost of the owner.

#### 4. **Construction**

- 4.1 The County will not be responsible for any backfilling or maintenance of right of ways.
- 4.2 Any debris must be cleaned up immediately, such as plastic wrappers, etc., which may harm appearance of land or cause harm to animals or human life.