

Mackenzie County

Title	ROAD MAINTENANCE, REPAIR AND SNOW CLEARING AND REMOVAL	Policy No:	PW044
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Legislation Reference	Municipal Government Act, Section 18 and 532(1)
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Purpose

To set the standards for maintenance and repair of municipal roads.

To categorize the County's Road Network and the maintenance priorities for municipal roads.

To identify the criteria for snow clearing and snow removal in Hamlets and snow clearing on rural roads and private rural driveways.

This policy rescinds and replaces Policy PW004, Policy PW005 and Policy PW020.

Policy Statement and Guidelines

Existing roads within Mackenzie County require regular maintenance and repair work from time to time. Maintenance and repair priorities are hereby established as follows:

- Priorities for maintenance and repair shall be in consideration of the County's Road Network identified on the County's mapping system as listed below with definitions:
 1. Arterial / Emergency Roads – Roads that lead to airports, hospitals and fire stations
 2. Collector Roads – Roads that lead to Provincial highways
- Criteria for maintenance and repair shall be as follows:
 1. Safety concerns
 2. Ongoing maintenance costs
 3. Soft spots
 4. Road users – local traffic, commercial & industrial
 5. Brushing needs
 6. Drainage issues
 7. Projections for future development

Spring/Summer/Fall

Typical road maintenance and repairs take place during spring, summer and into fall.

Road surface types are specified below and shall receive maintenance as follows:

- Hard surfaced roads (asphalt) shall be patched, crack-sealed and line painted. Roads shall be resurfaced in accordance with the County's annual road programs
- Oiled and calcium surfaced roads will be maintained if/when deemed necessary
- Gravel surfaces shall be graded and repaired
- An annual Regravelling Program will be carried out in accordance with Policy PW012 Re-Gravelling

Road signage shall be installed in accordance with generally accepted engineering standards. The "Manual of Uniform Traffic Control Devices for Canada" shall be used as a guide.

Inspections for bridges and major culverts (4 foot diameter or greater) shall be carried out at least once annually, in accordance with bridge reports as required.

Administration shall recommend road repair priorities for Council's consideration during the annual budgeting process. Approved projects will generally start in spring and summer wrapping up in fall.

Winter

Winter road maintenance shall be prioritized with a strong safety consideration in the order listed below:

1. Air ambulance airport runways, Arterial Roads facilities for emergency services
2. Collector Roads, Hamlet streets, school bus routes
3. Local roads (subdivision roads)
4. Public sidewalks and walkways
5. Winter maintenance of rural private residential driveways
6. Other miscellaneous duties

Hamlet Snow Removal:

Sanding or ice blading of icy stretches and intersections should be done on an as-required basis. Intersections and curves on roads should be prioritized. Other areas should be done within the available resources as need dictates.

The County may remove snow piles that a ratepayer or business has placed on the County's Right of Way due to safety concerns, where a charge shall apply as per the Fee Schedule Bylaw.

Urban Standard Areas (Curb & Gutter):

Sanding or ice blading of icy stretches and intersections should be done on an as-required basis. Intersections and curves on roads should be prioritized.

Snowplowing shall be undertaken when packed snow reaches ten (10) centimeters, at which time the snow should be windrowed to the middle of the street and hauled away to a designated area.

Snow may be plowed to the non-sidewalk side of the street when able and practical to do so. Windrows created on driveways as a result of this operation should be removed using County resources.

The removal and hauling of snow from within the Hamlet boundaries to a designated snow dump area should take place at the discretion of the CAO or designate when deemed necessary.

Snow removal from Public Sidewalks and Walkways will occur as necessary and in accordance with the winter road maintenance priorities outlined in this policy.

Rural Snow Removal (Includes Country Residential):

Snow removal in rural areas will be prioritized by Arterial Roads, which are:

- Fort Vermilion River Road West Access, 45 Street, 46 Street, 47 Street, 50 Street, 45 Avenue and 46 Avenue
- La Crete North & South Accesses, 100 Street, 101 Street, 109 Street, 94 Avenue, 98 Avenue, 99 Avenue, 100 Avenue and 105 Avenue
- Highway 88 Connector
- Zama Access Road

Sanding or ice blading of icy stretches and intersections should be done on an as-required basis. Intersections and curves on roads should be prioritized. Other areas should be done as need dictates.

Excess snow should be stockpiled alongside the road in the road allowance and on other available public property.

Grader operators should take reasonable measures to minimize the size of snow berms left on private driveways to a maximum of four inches.

Rural Residential Maintenance Operations (Driveway Clearing):

Rural residents may purchase a Snowplow Flag at a fee as listed in Mackenzie County's Fee Schedule Bylaw to receive snow removal from their driveways. A Rural Residential Snowplowing Application (Schedule "A") must be completed upon purchase, releasing Mackenzie County, its employees, and agents, from any liability arising from the snowplow operation.

Rural residents having purchased a Snowplow Flags must place the Flag visibly at the end of the driveway to signify a request for snowplowing. The Snowplow Flag provides residents with a maximum of fifteen minutes of service. Snowplowing will not be completed if the Flag is not visibly placed at the end of the driveway. Flags will be removed by the grader operator when plowing the driveway.

No service shall be provided prior to the purchase of a Snowplow Flag, signing of a new agreement and upon payment for the service as established in the Fee Schedule Bylaw.

Related Policies & Procedures

PW012 – Re-Gravelling

	Date	Resolution Number
Approved	2024-06-11	24-06-474
Amended		
Amended		