

**Section: 4.0 Infrastructure Services**  
**- A. Roads**

**Authority: General Manager of Infrastructure Services**

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### **Statement**

The Municipal District of Bonnyville (M.D.) provides an efficient and cost-effective means of snow removal and clearing within its boundaries using a priority ranking system to ensure reasonable service. This snow removal program will help limit hazards in the community related to winter road conditions, balance environmental impacts, and facilitate operations for Emergency Services.

### **Purpose**

To provide the public with as much mobility as possible during the winter months while striving to minimize the impacts on the environment.

### **Policy**

(1) General – M.D. Roadways

This policy is to provide for the winter maintenance of M.D. roads. The objective of this policy is to keep the roadways in as safe a condition as practical for the roadway user, within the budgetary and other constraints established by M.D. Council given the manpower and equipment restraints of the Infrastructure Services Department. The roads are categorized by order of the importance; the level of service is provided on this basis. In general, snow plowing shall commence as follows:

- (a) Paved/Oiled roads: upon snow accumulation exceeding five (5) cm (two (2) inches) and/or as conditions present themselves (drifting in excess of five (5) cm, steep inclines, etc.).
- (b) Gravel roads: upon snow accumulations exceeding 10 cm (4 inches) and/or as conditions present themselves (drifting in excess of 10 cm, steep inclines, etc.).

(2) Emergency

- (a) In the event of an extreme winter storm resulting in large amounts of snow accumulation and/or drifting, the M.D. roads will be opened (single pass only) within four (4) consecutive days from completion of the snow event.
- (b) Upon completion of the aforementioned "single pass" the general snow plowing procedure will be implemented to complete secondary and subsequent plowing passes.
- (c) In the event of an emergency, the Infrastructure Services Department will endeavor to commence snow clearing the route required upon receipt of a phone call from emergency services (ambulance/police/fire).

(3) General - Sanding

- (a) During normal working days, sand is placed at roadway intersections when in the opinion of the Sand/Truck Operator, the Foreman, or the Transportation

Manager, sand is required to provide a reasonably safe driving surface. The decision to place sand on the roadway surface or not to place sand, will usually be based on the observation at various locations in the M.D.

- (b) Sand is usually placed only at roadway intersections. It is placed in such a manner to provide a reasonably safe driving surface in the immediate area of any intersection. Sand is only placed between intersections when extremely hazardous conditions exist. This decision is made on the basis of the roadway conditions observed when traveling predetermined routes. If climatic conditions change during any normal working day, any decision to resume sanding or commence sanding will be made by the Foreman or the Transportation Manager on the basis of conditions observed during their normal duties.
- (c) After normal working hours, the M.D. relies on the night shift staff (standby personnel), Foreman and/or the Transportation Manager, to report hazardous road conditions and subsequently commence sanding operations as required.

(4) General – Hamlets

(a) Sidewalk Clearing

- (i) M.D. Infrastructure Services staff shall remove snow from sidewalks using appropriate equipment. All efforts will be made to remove the snow within 48 hours of a snowfall event. Additionally, if there is snow piled around a fire hydrant, Infrastructure Services will remove that snow as well.
- (ii) Residents shall NOT move snow from residential or commercial properties onto streets or boulevards. Snow shall remain on the landowner's property or transferred to a designated snow dump site. All costs associated with the removal or disposal of snow from private or commercial property will be the responsibility of the property owner.

(b) Hamlet Roadway Sanding

- (i) M.D. Infrastructure Services staff will inspect streets on a regular basis including weekends and holidays. The frequency of inspections will vary based on weather conditions. Streets shall be sanded when road conditions become a hazard to public safety.
- (ii) M.D. Infrastructure Services staff shall place sand on the following roadway locations:
  - 1. school zone roadways;
  - 2. intersections and curves;
  - 3. inclines;
  - 4. area that presents a high degree of pedestrian and vehicle interaction.
  - 5. other warranted roadways determined by the Foreman or Transportation Manager, as required.
- (iii) Sanding operations will be undertaken by M.D. Infrastructure Services during normal working hours. Sanding operations will be completed on a priority basis with the exception of the following circumstances:
  - 1. when requested for emergency response situations by the RCMP, Fire/Rescue Services, or M.D. Public Safety department;

2. should road inspections warrant additional and/or extended sanding.

(5) Environmental Considerations

M.D. snow removal practices are completed in compliance with the snow disposal guidelines set out by Alberta Environment and Parks.

## Policy Review

Within five (5) years from date adopted / amended / reviewed.

### For administrative use only:

<b>Previous Policy Number:</b> (prior to July 24, 2019)	30.32.08
<b>Related Documentation:</b> (plans, bylaws, policies, procedures, etc.)	Policy 4A.005: Snowplowing of Driveways Policy