

LAPEER COUNTY ROAD COMMISSION  
PERSONNEL AND OPERATIONS POLICY MANUAL

Policy Subject:	<b>WINTER MAINTENANCE</b>	
Authorized by Board of Road Commissioners	Date:	12/02/09
Amended	Date:	
Amended	Date:	

**PURPOSE STATEMENT:** This policy has been developed to provide a guide for all persons engaged in winter maintenance. Due to the variables of winter weather and road conditions in Lapeer County, it is impossible to set forth an exact and precise plan to cover the occurrence of all weather related scenarios. Persons involved in winter maintenance are encouraged to use good and proper judgment in the performance of winter operations, and maintain a constant concern for the safety of the motoring public.

**PRIORITY ORDER:** Winter maintenance services will be performed on a priority basis in accordance with traffic volumes. In a normal snow event the below listed priority would dictate. The maintenance foremen are authorized to adjust and modify maintenance efforts with approval of management in order to achieve the levels of service listed below.

**1. State Trunklines (I69, M24, M53, M90):** Winter maintenance will be performed in accordance with Michigan Department of Transportation guidelines and/or directions set forth by MDOT district personnel.

**2. Primary Paved Roads (Bowers Rd., Newark Rd., Burnside Rd., etc):** Winter maintenance will be performed until a center strip of 6 to 8 feet or one wheel track in each direction is generally clear of ice and snow during the storm using overtime. Cleanup will be done during regular working hours.

**3. Local Paved Roads (Farnsworth Rd., Lk George Rd., Shaw Rd., etc.):** Winter maintenance will be performed on local paved roads after primary roads are complete. A center strip of 3 to 4 feet of generally bare of ice and snow is standard on regular working hours only. Local roads with hills, curves and railroad crossings can be plowed and salted during overtime only if extremely icy and hazardous conditions exist after the storm is complete.

**4. Gravel County Roads:** Winter maintenance will be performed after local paved roads are complete. General treatment is blading, plowing and spot sanding after 4 or more inches of accumulation during a single storm. This operation will only be done during regular working hours. Overtime on gravel roads is authorized only if citizens are blocked in, at which time the road can be opened to provide one lane of traffic.

**5. Subdivision Roads:** Winter maintenance will be performed on subdivision roads after 4 or more inches of accumulation during a single storm. General treatment is blading and plowing during straight time only.

**MATERIAL USAGE:**

**1. APPLICATION RATE:** 500 lbs per two lane mile per application. This is a maximum rate and lower amounts should be utilized in lighter storms.

**2. SALT/SAND MIXES:** Sand will be mixed at a ratio of 1/3 sand to 2/3 salt, to be used on county primary and local paved roads. This ratio may be adjusted depending on material inventories and availability throughout the winter season.

**3. PRE-WETTING:** Liquid salt brine will be used with salt and salt/sand mixes at the rate of 7 to 10 gallons per ton whenever possible.