First Priority Continuous Treatment Routes

Weather Event: **Light Snow with Period(s) of Moderate or Heavy Snow**

PAVEMENT TEMPERATURE RANGE AND TREND	INITIAL OPERATION				SUBSEQUENT OPERATIONS					COMMENTS
	Pavement surface at time of initial operation	Maintenance action	Salt spread rates		Maintenance action	Salt spread rates				
			Pre-wetted solid salt (lb/ln-mi)	Brine (gal/ln-mi)		Pre-wetted solid salt (lb/ln-mi)		Brine (gal/ln-mi)		
						Light snow	Heavier snow	Light snow	Heavier snow	
Above 32°F, steady or rising	Dry, wet, slush or light snow cover	None, see comments			None, see comments					1) Monitor pavement temperature closely for drops toward 32°F and below 2) Treat slick patches if needed with pre-wetted salt at 100 lb/lane-mi or brine 44 gal/ln-mi; plow if needed
Above 32°F, 32°F or below is imminent; *ALSO* **20 to 32°F**, remaining in range	Dry	Apply brine or pre-wetted salt	100	44	Plow as needed; reapply brine or pre-wetted solid salt when needed	100	200	44	88	1) Applications will need to be more frequent at lower temperatures and higher snowfall rates 2) Do not apply brine onto heavy snow accumulation or packed snow 3) After heavier snow periods and during light snow fall, reduce salt rate to 100 lb/lane-mi or 44 gal/ln-mi brine; continue to plow and apply salt as needed
	Wet, slush, or light snow cover	Apply brine or pre-wetted salt	100	44						
10 to 20°F, remaining in range	Dry, wet, slush, or light snow cover	Apply pre-wetted salt	200		Plow as needed; reapply pre-wetted solid salt when needed	200	250			1) Reduce salt rate to 200 lb/lane-mi after heavier snow periods and during light snow fall; continue to plow and apply salt as needed 2) Liquid calcium chloride may be used for pre-wetting salt at colder temperatures.
Below 10°F, steady or falling	Dry or light snow cover	Plow as needed			Plow and apply salt/abrasive mix as needed					1) As pavement becomes slick apply salt/abrasive mix to enhance traction. Salt will have limited melting power at this temperatures

Notes: **SALT APPLICATIONS.** (1) Time initial and subsequent salt applications to *prevent* deteriorating conditions or development of packed and bonded snow. (2) ***Anticipate increases in snowfall intensity. Apply higher rate treatments prior to or at the beginning of heavier snowfall periods to prevent development of packed and bonded snow.*** (3) Apply salt ahead of traffic rush periods occurring during storm.

PLOWING. If needed, *plow before salt applications* so that excess snow, slush, or ice is removed and pavement is wet, slushy, or lightly snow covered when treated.