



Anti-Icing Guidelines					
PREDICTED PRECIPITATION EVENT	Recommended Locations	Application		Rate	COMMENTS
		Liquid (gal/lane-mi.)	Pre-wetted Salt (lb/lane-mi)		
Frost or Black Ice	Bridge Decks and Trouble Spots	20-30 (frost) 30-40 (Black Ice)		50-150	1) Consider treating approaches as well as bridge decks. 2) Treat ice patches, if needed, with pre-wetted salt at 100 lb/lane-mi.
Sleet	Bridge Decks and Trouble Spots and Intersections	20 Recommended 30 Maximum		200-400(1) 100-300(2)	1) Consider treating approaches as well as bridge decks.2) Treat ice patches, if needed, with pre-wetted salt at 100 lb/lane-mi.
Freezing Rain	Any area of concern	Not Recommended		200-400(1) 100-300(2)	It is not recommended to apply liquid de-icing agents in an anti-icing mode prior to freezing rain events.
Light Snow (< 1/2" in./hr.)	Trouble Spots and Intersections	30 Recommended 40 Maximum		100-200	If anti-icing is performed prior to a snow event, re-application may be necessary to prevent re-freeze. It also may be necessary to switch to a de-icing mode.
Moderate or Heavy Snow (≥ 1/2 in./hr)	Trouble Spots and Intersections	40 Recommended 50 Maximum		100-300	1) Do not apply liquid anti-icing agents onto heavy snow accumulation or packed snow. 2) Applications will need to be more frequent at lower temperatures and higher snowfall rates. 3) If anti-icing is performed prior to a snow event, re-application may be necessary to prevent re-freeze. It also may be necessary to switch to a de-icing mode.
Notes:					(1) 4-Lanes and Greater (2) 2 Lanes
<ul style="list-style-type: none"> Anti-icing operations typically should be conducted during normal, non-overtime working hours and low traffic volume periods. It is not recommended to apply de-icing agents in an anti-icing mode when the pavement temperature is below 15°F or drifting is a problem. Time initial anti-icing agent applications and subsequent de-icing agent applications to prevent deteriorating conditions or development of packed and bonded snow. 					