Anti-Icing Application Decision Flowchart

Review/monitor weather forecast.

Is snow or frost predicted within the next three days? → No

↓ Yes

Is rain predicted before the snow? → Yes → Do not apply anti-icing materials.

↓ No

Is the pavement temperature 15 degress or greater? → No → Do not apply anti-icing materials.

↓ Yes

Is the dewpoint at least 3 degrees below the air temperature? → No → Do not apply anti-icing materials.

↓ Yes

Is the relative humidity level 70% or less? → No → Do not apply anti-icing materials.

↓ Yes

Is the pavement dry? → No → Do not apply anti-icing materials.

↓ Yes

Are winds less than 15 miles per hour if loose snow is present? → No → Do not apply anti-icing materials.

↓ Yes

Does suffcient time exist for pavement to dry before the pavement temperature falls below 20 degrees? → No → Do not apply anti-icing materials.

↓ Yes

Has a visual inspection or RWIS confirmed sufficient anti-icing material residue does not exist on the pavement? → No → Do not apply anti-icing materials.

↓ Yes

Apply anti-icing material (brine or brine blend) at 40 gallons per lane mile.