

DuPage River Salt Creek Workgroup Chloride Reduction Workshop

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Techniques IDOT uses to reduce chloride

- Prewetting
- Anti-icing on bridge decks
- Slurries
- Calibration
- Contracted pavement forecasts
- Pavement temperature sensors
- RWIS
- Storm plans and communications with staff

Prewetting



Prewetting

Reduces scatter and bounce 30%



Anti-icing tanker truck



Anti-icing truck



Slurry Generator



Calibration



Forecasts

- IDOT uses contract meteorologists to provide pavement forecasts
- On-line systems include RWIS and treatment recommendations

Pavement Temperature Sensors



RWIS



Storm Plans and Communication

- Significant percentage of temporary staff
- Important to communicate what our storm plan is
- Rules of practice like “Let it blow, don’t salt the road!” are not obvious

Thank you

- Thank you for the opportunity to present what IDOT is doing.
- Be safe this winter.