



Road Salt Symposium 2019

Sue Mulvihill | Deputy Commissioner, Chief Engineer

Oct. 24, 2019

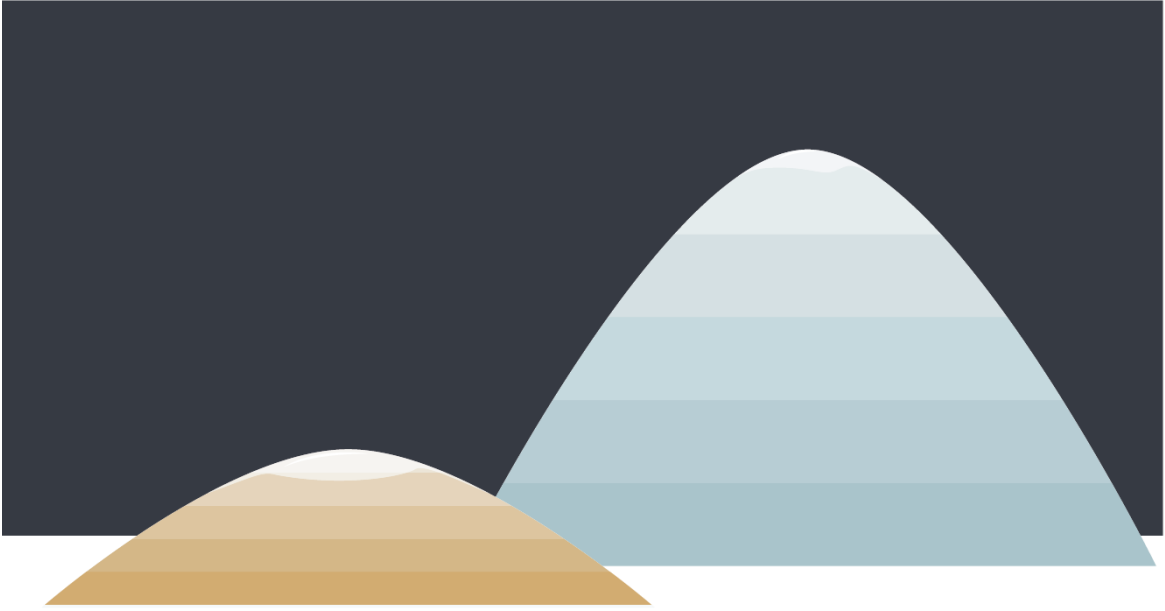
Winter 2018-2019



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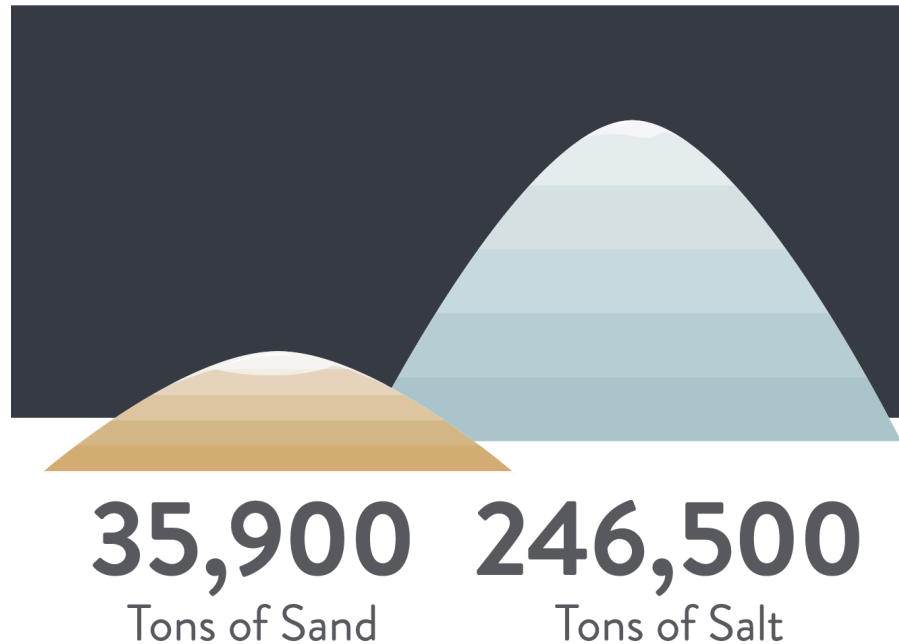
MnDOT salt usage 2018-19



35,900
Tons of Sand

246,500
Tons of Salt

MnDOT salt usage 2018-19



- 4,900 less tons of salt
(2017-18)
- MnDOT's focus to reduce chlorides

How MnDOT reduces salt use

- Technology:
 - Maintenance Decision Support System
 - Road Weather Information System



How MnDOT reduces salt use

- Liquid applications:
 - Brine
 - Slurry
 - De-icing chemicals
 - Non-chloride



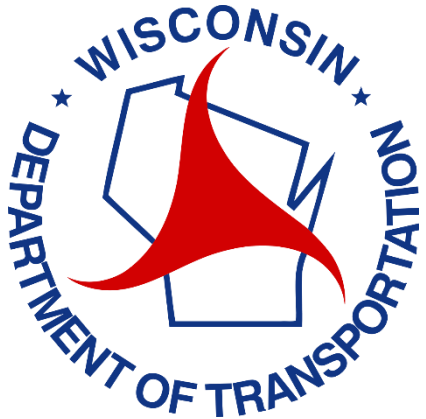
Partnerships



MPCA



research for winter highway maintenance



Stewards of our environment



Thank you

Sue Mulvihill

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