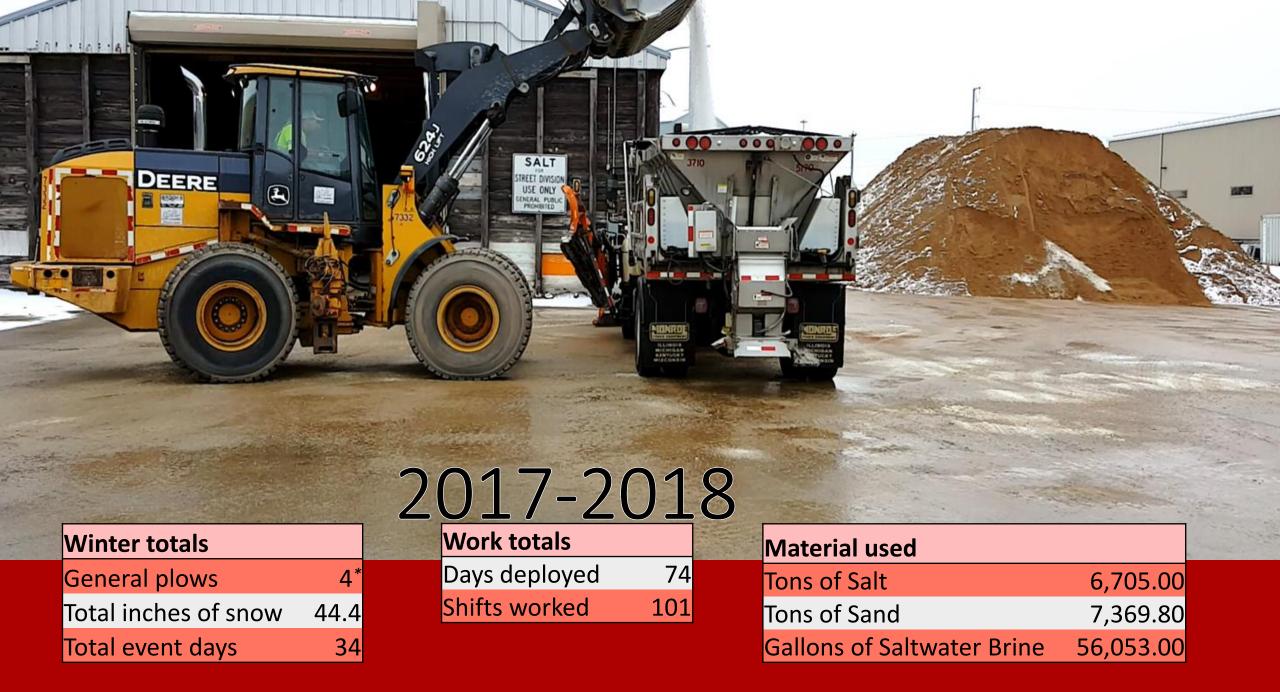
Streets Division Salt Usage

Solid Waste Advisory Committee – November 1, 2018

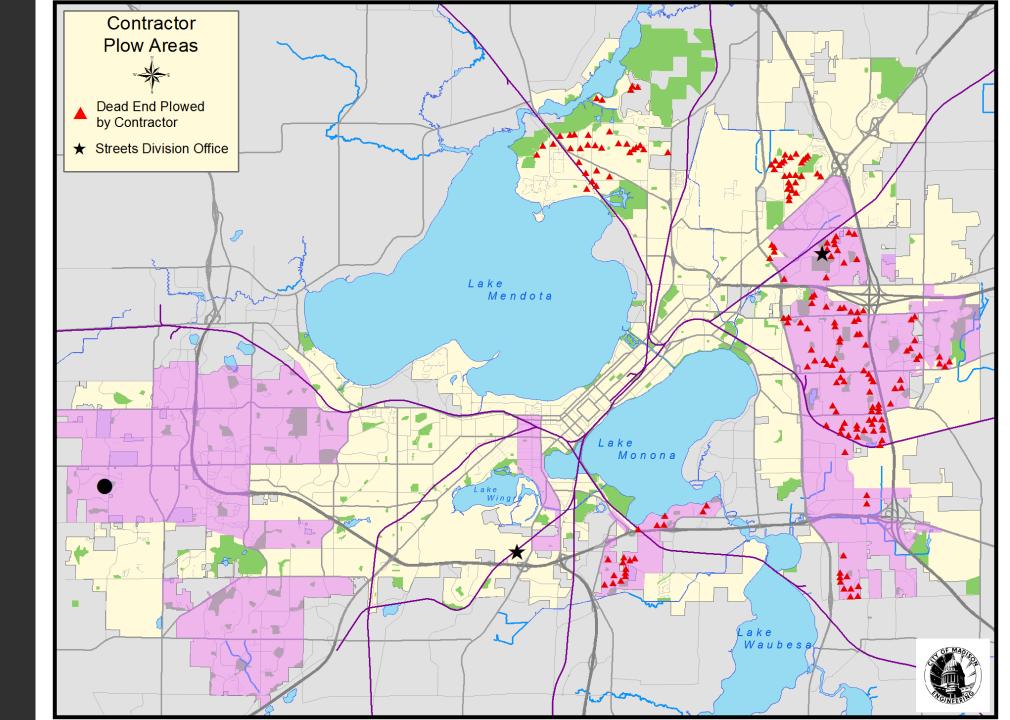


PLOWING STREETS



Snow plowing

Pink-purple and red triangle areas are handled by contractors

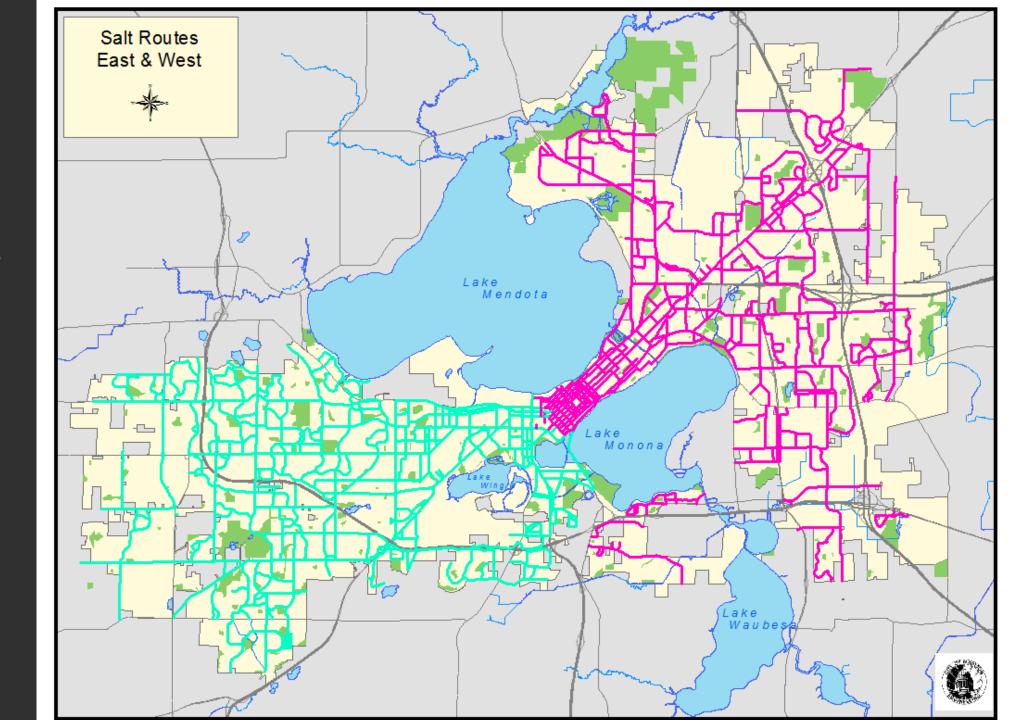


SALT USE



Salt routes

- 900.2 lane miles salted
- 50.6% of all lane miles in Madison



Understanding salt usage

Industry standards/best practices are known for salt application rates

 Streets Division's spreaders set to discharge a maximum of 300 pounds of salt per lane mile

How long salt stays in the roads and when to apply a second or third treatment is unknown

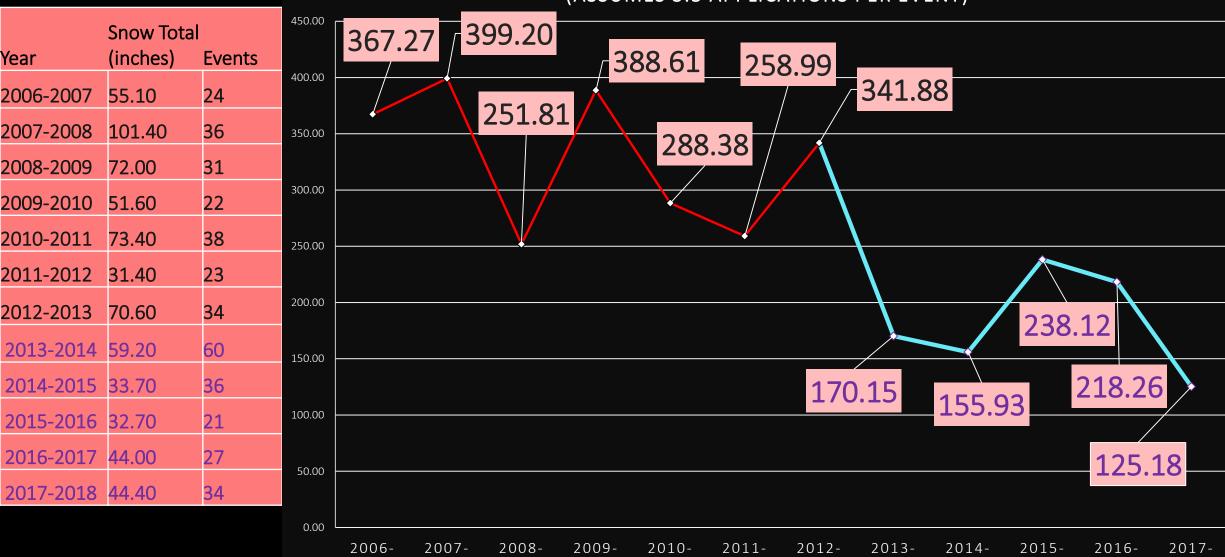
How streets look is the best guide

Historically, Streets referred to snowstorms as "events"

 During an event, the routes may be salted multiple times, depending on conditions & length of storm

Salt application rate 2006 - 2018





Salt reduction next steps

Adding two new salt routes to the east side

Scales at facilities will provide precise weight of salt on trucks

 At present, we know approximately the tonnage a salt spreader holds and operator reports approximately how much they use

GPS should allow for precise routing & improved monitoring

- And more manager & operator accountability
- And more appreciation of operator expertise of their routes

Continued participation in the Winter Salt Certification trainings from City Engineering