



SALTWORX

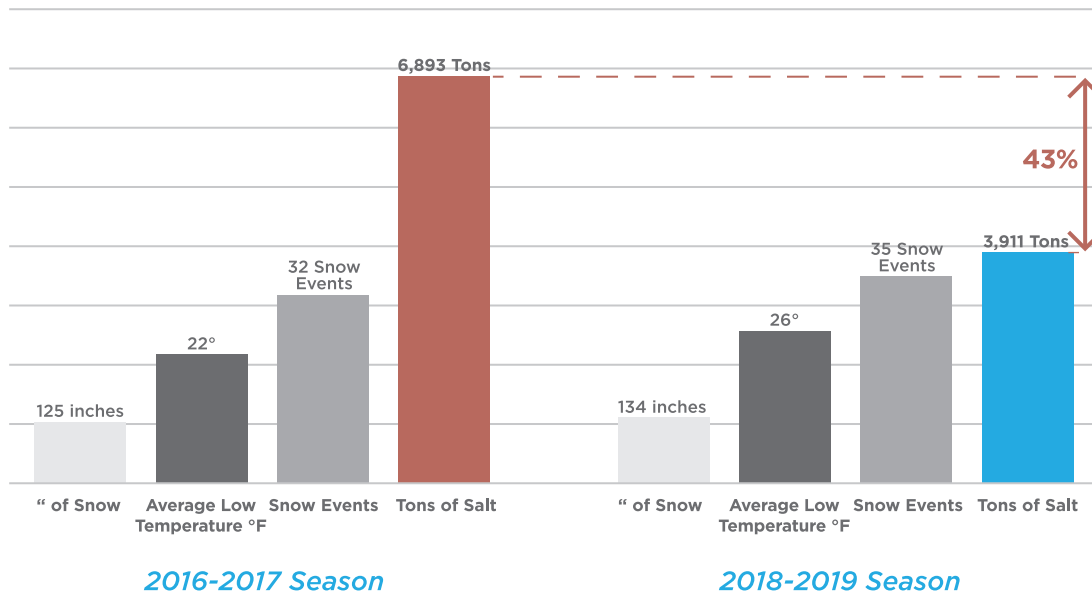
KICK START YOUR BUDGET WITH **ICE** **KICKER**®

A Case Study of The City of Cottonwood Heights

The City of Cottonwood Heights has meticulously collected weather and operations data since October 2016. This data has saved the City money and improved their winter maintenance program. The City reduced their salt consumption by 43% using IceKicker - and saved almost \$40,000 dollars on their budget. Below is the summarized data from the City of Cottonwood Heights for the past three winters.



City of Cottonwood Heights Winter 2016-17 vs. Winter of 2018-19 Season Comparison



Winter of 2016-17: salt used – **Mineral enhanced red salt**

Winter of 2018-19: salt used – **IceKicker high performance road salt**

**Data for winter of 2017-18 = (70" of snow / average low temperature 28°F / 19 snow events / 2,136 tons of salt used) A 50/50 blend of red mined salt and IceKicker were used this winter.*

Analyzing the above data one can conclude that the winter of 2016-17 and 2018-2019 were very comparable in overall conditions. The obvious difference is the reduction of salt usage by **43%!**

City of Cottonwood Heights standard practices for snowplow operators:

1. 150 lbs. per lane mile: Light snow accumulation – already plowed road – warmer temps – sun comes out
2. 200 lbs. per lane mile: Medium snow accumulation – continues to snow – cold temps below freezing
3. 225 lbs. per lane mile: Heavy snow accumulation – continues to snow – cold temps staying below freezing
4. 250 lbs. per lane mile: Heavy snow – ice/snow packed roads – ice storm – cold temps below freezing
5. Recommended spinner rates (Force America Controls) – 50% / 60% / 70%
6. Gate opening on the back of the truck – NOT to exceed 2"