

**CAPITAL AND SUPPLEMENTAL
REQUEST FORM
FISCAL YEAR 2025**

I. **Department/Division:** Streets / PW

II. **Item Requested:** Salt Brine Tanks with sprayers x 2

III. **Request Justification:** In approximately 40% of the previous years storms, the potential for pre-treatment of roadways has been a potential. The use of a salt brine solution applied via a liquid is the most cost effective method.

IV. **Explain how the request will improve efficiency/effectiveness:** Application of liquid brine onto roadways as a pretreatment is much more cost effective than salt/and chemical. Deicing chemical (MgCl) is approximately \$1.25 / gallon (2023 prices). Rock Salt Brine is approx. \$.20/gal (source dependent). The cost of pre-treatment with this method is 20% of what is available now, which limits both our ability and our application.

V. **Cost:** \$50,000 for two 800gallon tank sprayer systems for the 2ton dump trucks

Supporting documentation attached? Quote from Snow Biz is \$25k/tank

