



## Highway Maintenance Manual

Bureau of Highway Maintenance

### Chapter 06 Winter Maintenance

August 2026

### Section 20 Snow Removal Materials

### Subject 85 Salt Sheds, Brine Makers, and De-icing Agent Systems

#### ***1.0 Salt Sheds, Brine Making Equipment, Liquid De-icing Storage Tanks***

##### **County Salt Sheds**

Salt sheds that are used to store state salt shall be maintained in accordance with Trans 277: Highway Salt Storage Requirements. Salt sheds constructed with state funding will be covered by a lease agreement that sets forth maintenance, use, and compensation requirements.

##### **Brine Making Equipment**

Counties may submit a request to the department for funding to purchase salt-brine production equipment used for prewetting, anti-icing, and deicing operations. Funding may be made available for the acquisition of a brine maker as well as supplementary equipment that supports or enhances the brine-making process, such as brine-blending machine. Only high-capacity brine makers capable of producing more than 5,000 gallons of brine per hour are eligible for department funding.

##### **Liquid Deicing Storage Tanks**

Calcium Chloride, Magnesium Chloride, and other additives including agricultural-based products, are liquid solutions that may be used in prewetting, anti-icing, and deicing operations, either as standalone treatments or in combination with salt brine. The department permits funding requests for brine making equipment, as described above, to also include storage tanks for these additives.