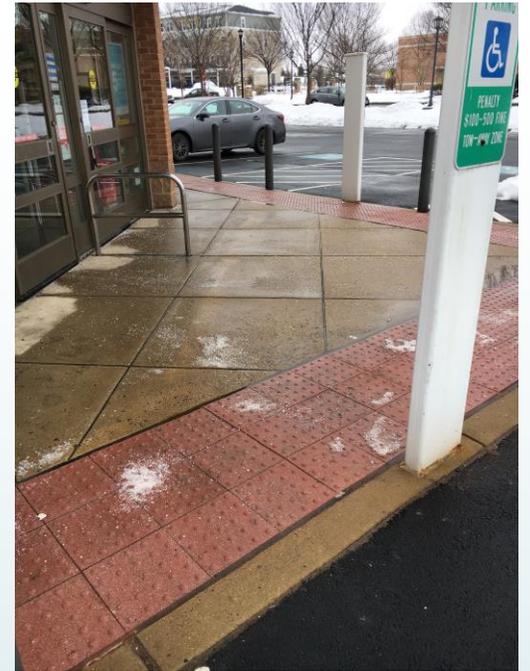




# Salt Management Programs Summary

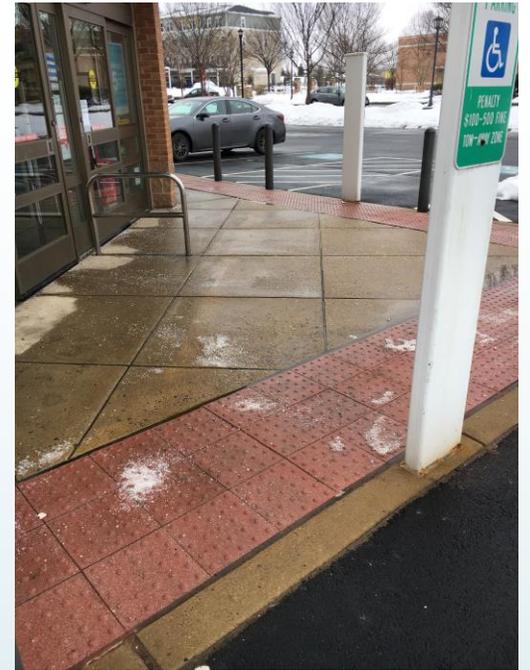
Education and Public Outreach Subcommittee

January 24, 2019



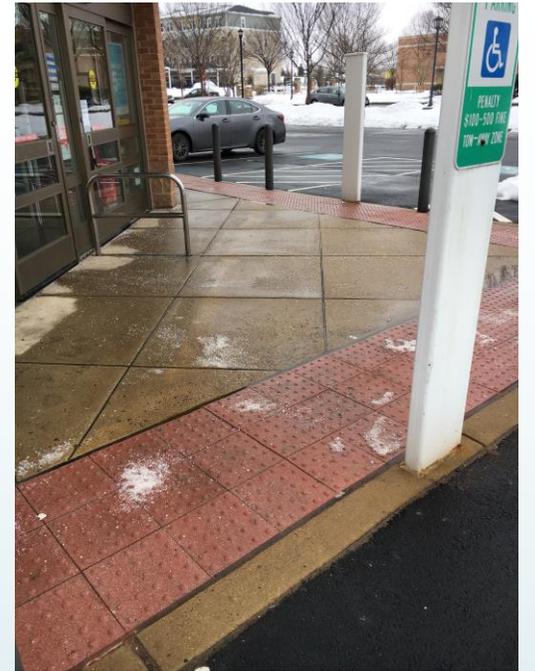
# Programs Reviewed

- Located fourteen websites detailing road salt management programs (6 Canadian and 8 US)
- Canadian programs
  - City of Toronto, Town of Penetanguishene, Northumberland County, Ottawa, Town of Oakville, and Milton.
- US programs
  - Rochester, Mn; Maryland Statewide; Twin Cities, Mn; MPCA (Mn); Libertyville, IL; New Hampshire; and City of Madison, Wn.
- Summary table provides information for seven programs (5 US and 2 Canadian)



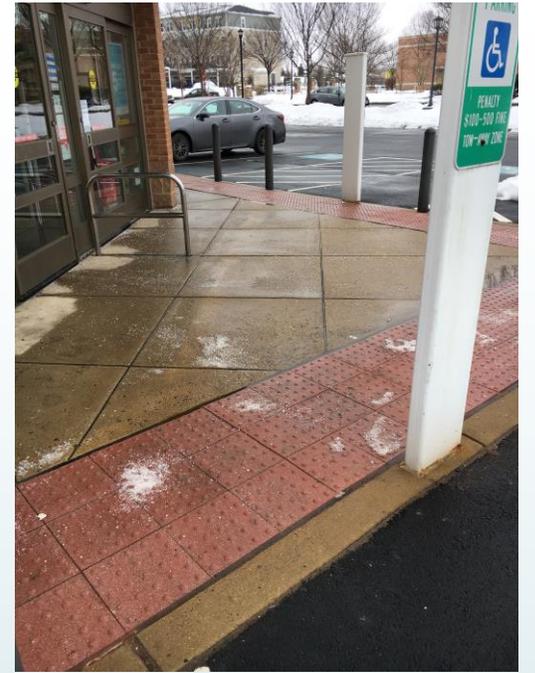
# Interesting Plan Elements

- Guidelines for sidewalks and roadways
- Salt and Applicator certification programs (both mandatory and volunteer)
- Fliers for BMPs, technologies, education
- Annual training for vendors
- Forms and guidance for equipment calibration and maintenance



# Program Specific Plan Elements

- City of Madison, Wn
  - Mandatory certification and list of certified applicators,
  - Post-storm debriefing form and adaptive management
  - Case studies
- New Hampshire
  - Green SnowPro training offered through University of New Hampshire
  - Voluntary applicator certification program
  - Use of certified applicator limits business owner's liability for slips and falls



# Maryland Plan Elements

- Calibration of all spreading equipment at beginning of season and periodic checks for accuracy (applies to hired resources as well as state employees)
- Loader scales to accurately weigh salt placed into trucks
- Automatic vehicle locator system to track vehicle movements
- Road Weather Information System (includes pavement sensors and strategically located local weather stations on agency highways)
- Post-storm and annual operations review to assess good and bad outcomes for process improvement

