

## OVERVIEW OF RESOURCES

The following is a list of resources that the Streets, Sewers, & Forestry Division of Public Works utilizes during snow events. A summary of each resource is presented.

ROUTE TRUCKS	Front-line vehicles include 7 and 10 ton trucks equipped with 10' wide plows, auger boxes and spinners. At this time, we have one 7-ton truck equipped with a wing plow. Several backup trucks are kept in case of truck breakdowns or for other emergencies.
SUPPORT TRUCKS	One ton trucks equipped with 8' wide plows, auger and spinners are used to assist route trucks on hills and serve as backup when route equipment or other personnel are needed elsewhere.
HEAVY EQUIPMENT	Our equipment includes 3 front-end loaders, 3 back hoes, 2 skid steers and 1 commercial-grade snowblower (added 2014).
EQUIPMENT RENTALS, CONTRACTORS	When storm conditions warrant, we have the ability to hire independent contractors and rent additional equipment to supplement the City equipment. To supervise contractor operations, personnel from other divisions may be assigned.
DE-ICING MATERIALS	Road salt, brine, and calcium chloride (as a pre-wetting tool to facilitate the melting of snow at temperatures below 20 degrees). As an additional method to conserve road salt, the City may opt to mix road salt with sand or slag.
ROAD SALT STORAGE FACILITIES	There are 4 locations that are used for road salt storage.
STAFF---FULL TIME AND TEMPORARY EMPLOYEES	<p>To staff the snow events we utilize the 24 full time maintenance workers in the Streets, Sewers and Forestry Division, 4 maintenance workers from the Traffic Division and 1 maintenance worker from Facilities Division, as well as 26 additional temporary maintenance workers that are hired for the winter operations.</p> <p>During snow events, the operations may call for 2-12 hour shifts, providing adequate workers to cover all the snow routes and hills.</p>
IN-HOUSE TRAINING FOR WINTER TEMPS	We utilize the knowledge and experience from our full time employees to train temporary winter employees.
AUTOMATIC VEHICLE LOCATION (AVL) SYSTEM	This system communicates equipment location and route clearing status. It also helps prevent missed streets during plowing, and facilitates closest

	dispatch and equipment utilization management.
PROFESSIONAL WEATHER SERVICE FORECASTING	Accurate weather forecasting is imperative in deciding which of the various operational procedures will be initiated. <i>Murray and Trettle</i> is the meteorological weather service utilized to provide staff with the forecasts and advance storm warnings.
UTILIZING THE PARKING BAN ON POSTED SNOW ROUTES	This resource aids in the removal of snow by eliminating the obstacles of parked cars on the posted emergency primary snow route streets during snow events of 2 or more inches.
PUBLIC COMMUNICATION RESOURCES	Many different forms of communication are used throughout the duration of a snow storm; snow updates are available by calling 494-8830. Public Works administrative staff update this information as it becomes available. Another available resource for citizens' questions or concerns is the Public Works Call Center, which is enacted during snow and ice events at 494-8850.
SNOW ROUTES	Maps for the 18 snow routes covering 144 center line miles to maintain posted Emergency Snow Routes and 5 hill routes, are in Route Binders provided to drivers. Snow Route maps are also posted to the city's web site.

Rosenbaum/Maroon