

Stormwater Drainage and Storm Control

Storm Water Construction Projects

The department's drainage crew also replaced large sections of the stormwater drainage systems, including on Tunxis Street, Kennedy Road and Timothy Terrace. The existing drainage systems on the streets were in poor condition, and the poorly operating drainage led to damage to the pavement. Work included replacing most of the drainage structures (catchbasins, storm sewer lines, manhole structures, etc.). Typically, when a street has a drainage system requiring replacement and the pavement condition is poor, the street is placed on the street reconstruction list to be funded through the town's Capital Improvement Program. Instead of waiting several years for this street to be completely reconstructed, Public Works completed the drainage work, and coordinated its work with the street overlay paving contractor to allow for improved drainage on the street and a quality pavement surface. By completing the work in this way, the town got the work done significantly earlier (compared to reconstruction) and at a savings of several hundred thousand dollars.

Snow Program Improvements

We have installed computerized spreader controls on the 6 newer snow plow trucks with the "all-season" bodies. These new controls will also allow for better control of the use of materials, including brine (liquid salt) or magnesium chloride. These trucks can respond to a snow storm by spreading pre-wet salt or salt/sand on certain streets.

We have also better calibrated the spreaders on all the snow plows to better control the use of materials during storms.

We also made refinements to the plowing routes to attempt to better equalize the amount of time it takes to complete the plowing work.