

## Progress Report

### Washington County Snow Plow Routing Project

March 1, 2010 through March 31, 2010

Our work this month focused on determining the best routes to cover the **State and County** road segments. This was combined with the routes for the town roads prepared previously. We are now at a point where the overlaps between state, county and town plows can be displayed on maps. Attached to this document are maps for each of the 17 towns in the County illustrating the best set of "beats" for State, County and Town plows. This is the baseline assuming that each unit of government plows only its own roads. We have developed street by street directions for this baseline set of streets. The maps show the overlapping road segments.

We have also attached a table showing for each of the county, state and town garages, the number of miles they plow within their own jurisdiction and the miles they travel on other jurisdictions. The proportion of the total miles they travel on their own roads is a measure of the efficiency of the network they operate on. **It is not a measure of the efficiency of the plowing operation.** This table shows the areas of most overlap where some swaps between jurisdictions might be most beneficial.

We now have a method of assessing alternative snow plowing plans. For each assignment of street segments to garages, we can compute the number of overlap miles. We suggest that the County convene three workshop meetings (one for northern towns, one for the middle towns and one for the southern towns). Prior to these meetings, we will propose some swaps for consideration by the town highway superintendents. After discussion with them, we will prepare recommendations for completion of the study.