Project Title: C-08-16 : Implementation of Performance Measures for Snow & Ice Operations

PIN: New Project
Responsible Unit: Transportation System Maintenance, Maintenance Program
Project Manager: Lashmet, Mike

Project Goal:
To develop an efficient tool to analyze the activities of winter maintenance logs, visualize the delay before roadway becomes passable on map, and reveal the major contributing variables to speed recovery delay.

Actions Proposed:
NYSDOT is responsible for performing winter maintenance on 34,000 lane-miles of State highway. To better understand winter maintenance operations and plan strategically, the following steps will be performed in this project:

1) to collect the winter maintenance logs;
2) to visualize the delay before roadway becomes passable on map by integrating with a GIS roadway database;
3) to use temporal and spatial statistical methods to analyze the delay and study the major contributing variables to the delay;
4) to provide suggestion for future operations.

Anticipated Work Products and Accomplishments:
1) A report of analyzing the major contributing variables to the delay;
2) A GIS tool to show the maintenance on map and integrate with the roadway spatial database.

Proposed Budget: $300,000