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11. Author(s)/Principle Investigator(s) Jeff M. Richter			
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14. Supplementary Notes			
15. Abstract  <b>Purpose and Need</b> As a northern state, North Dakota receives a significant amount of snowfall. The NDDOT is tasked with maintaining the roadways during snow events to allow safe travel for the public. As lanes are added to increase the capacity of roadways; there is a need to improve the effectiveness and efficiency of snow removal operations.  <b>Objective</b> The objective is to evaluate the resources and operating skills required to operate a Viking-Cives Midwest, Inc. TowPLow. The general effectiveness and efficiency of the TowPLow will be evaluated based on operator and maintenance worker experiences. The TowPLow operator will complete a survey following a snow event in which the TowPLow was used. This survey can be found in Appendix B. Following the winter (snow removal season) the survey results will be compiled for a performance evaluation. The evaluation period will be one full snow removal season.  <b>Scope</b> The Fargo district received a TowPLow in December of 2009 and the Bismarck District received a TowPLow in April of 2009. The Materials and Research Division and Maintenance Division have composed a survey for the snow plow operators to complete after using the TowPLow during a snow event. The survey consists of questions regarding the fuel, maintenance, and deicing requirements. There are also questions that involve the operator's opinions of how well the TowPLow works and the user friendliness of the TowPLow. The results from the survey will be used to determine the resources and skills required to operate and maintain the TowPLow.			
16. Key Words Snow Removal Trucks	17. Distribution Statement No restrictions. This document is available electronically by clicking this <a href="#">link</a> .  North Dakota Department of Transportation Materials and Research Division: 300 Airport Road Bismarck ND 58504-6005 Office: (701) 328-6900 Fax: (701) 328-0310		18. No. of Pages 35  19. File type/Size PDF/0.8 MB

