

Progress Reports for STIC Incentive Projects

State: NC

Date: 11/05/2025

STIC Incentive Project Name: Pilot Debris Removal Systems

Federal Project Number	Federal Project Fiscal Year	Federal Funds Allocated	Federal Funds Obligated	Federal Funds Expended
5014116	2023	\$65,680	\$65,860	\$41,822

Name, Title, and Contact Information of the State Champion: Dominic Ciaramitaro, State Traffic Systems Operations Engineer, djciaramitaro@ncdot.gov

Progress Report Dates (until October 2025):

Status (Current progress that has been made on the STIC Incentive Project, including any benefits that have been realized):

The TSMO unit is currently evaluating all four debris removal systems. The evaluation period began October 22, 2025, for four weeks. After which, TSO will coordinate for each vehicle to rotate to a new region where they will test and evaluate the tool. TSO has developed guidance for each tool (Lane Blade, Debris Clear, JAWS, and SWIPER). Each region reviews and signs the guidance, acknowledging that they are ready to use the specific tool. The IMAP responders input data into an electronic survey log after each use for the system assessment. The log captures the type of debris, how well the tool was able to move the debris, and whether IMAP had to exit their vehicle to assist with moving the debris. TSO will perform an exit survey at the end of each tool's rotation.

The schedule includes revised rotation and duration at each location.