

Leveraging Video from Forward Facing Cameras on Fleet Vehicles for Innovative Uses

Overview

Some state departments of transportation (DOTs) capture video from cameras mounted on fleet vehicles. One use of the video is to share on a state's traveler information website, providing users with an image of a roadway conditions in real or near real time.

For example, the Minnesota DOT has equipped snowplows with cameras that show real-time conditions along plow routes. The plow cameras provide a snapshot of field conditions and a location map of active plow cameras. Images from these cameras assist the public with travel plans and provide field information to MnDOT winter maintenance personnel across the state.

In addition to winter maintenance and traveler information, there may be other uses of video captured by fleet vehicles, for example to document in place agency-owned assets or work zone traffic control configurations.

Project Approach

The [ENTERPRISE Pooled Fund Study](#) is researching current uses and practices of video captured from fleet vehicles as well as innovative purposes. The project will complete an online search and a State DOT survey to investigate various uses. The research will document:

- Current uses of video captured from fleet vehicles
- Pilot projects that explored the uses of video captured
- Innovative uses for video captured by fleet vehicles

For additional information about this project, contact:

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Photo Courtesy of Minnesota DOT



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