

Establishing a Framework for Communicating Map Updates to Mapping Companies

Introduction

Many transportation agencies would like to provide map updates (e.g., road alignment/name change, road closure, detour route) to mapping/navigation companies (e.g., Waze, Google, Apple, TomTom, HERE Technologies), however the process for communicating this information may be unclear. The ENTERPRISE Pooled Fund Study is conducting a project, *Establishing a Framework for Communicating Map Updates to Mapping Companies*, to develop a consistent communication approach for providing transportation agency map updates to mapping/navigation companies that utilize Department of Transportation (DOT) generated data for various applications such as route guidance. Communicating these map updates will help improve the accuracy of information disseminated through traveler information mechanisms such as mobile applications.

Project Contacts

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Project Approach

The first step to developing a consistent communication approach was to identify which transportation agencies have provided map updates to mapping/navigation companies. This information will be gathered through an online survey distributed to DOT traveler information managers and mapping contacts. Based on the survey responses phone interviews may be requested from a select number of agencies to document additional details on their process. Information will also be gathered by reaching out to mapping/navigation companies.

The information gathered from the transportation agencies and mapping/navigation companies will be used to develop draft guidance for communicating map updates. A webinar will be held for ENTERPRISE members as well as survey and interview participants to provide input for the final guidance.

The final deliverable for the project will be a report documenting the information gathered from transportation agencies and mapping/navigation companies as well the guidance developed for transportation agencies to submit map updates to mapping/navigation companies.

Step 1: Outreach to DOTs

To identify DOTs that have provided map updates to mapping/navigation companies and document their process.

Step 2: Outreach to Mapping/Navigation Companies

To discuss the process for receiving map updates from DOTs.

Step 3: Develop Draft Guidance

For DOTs to provide map updates to mapping/navigation companies.

Step 4: Conduct a Webinar

To gather input on the draft guidance.

Step 5: Develop Final Guidance

For DOTs to provide map updates to mapping/navigation companies.