Adventures in Crowdsourcing: Engaging Navigation Providers
Tuesday, November 5, 2019
Crowdsourcing for Operations
EDC-5 Webinar Series
Today’s Agenda

Welcome and Introduction
Paul Jodoin, FHWA

Making Maps and Info Current with Crowdsourced Data Providers
Chris Lambert, Kentucky Transportation Cabinet

Working with Mapping Providers
Kelly Wells, North Carolina Department of Transportation
FHWA Every Day Counts Round Five (EDC-5)

Crowdsourcing Innovation Goal

To increase the number of agencies that use crowdsourcing to better operate the transportation system.

Baseline (January 2019)

Source: FHWA
Crowdsourcing for Operations Application Areas

- Most common applications of crowdsourced data are for traveler information and incident management.
- Agencies are now expanding its use across application areas ranging from maintenance to integrated corridor management.

Traffic Signal Management
Incident Management
Traveler Information
Freeway Management
Road Weather Management
Maintenance Management
## EDC-5 Crowdsourcing State Advancement Goals

<table>
<thead>
<tr>
<th>Stage</th>
<th>Leap (9 states)</th>
<th>Jump (17 states)</th>
<th>Walk (6 states)</th>
<th>Stand (21 states)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Institutionalized</td>
<td>CO, RI</td>
<td>AL, MO, NC, NH, TX</td>
<td>DE, KY, ME</td>
<td>MI, OH, UT, CT, GA, IA, IN, NJ, PA</td>
</tr>
<tr>
<td>Assessment</td>
<td>AZ, MN, NY, OK, TN, VA, WY</td>
<td>DC, IL, LA, MD, MT, VT</td>
<td>OR</td>
<td>AR, FL</td>
</tr>
<tr>
<td>Demonstration</td>
<td>PR, WI</td>
<td></td>
<td>MA</td>
<td>HI, MS, SD</td>
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<tr>
<td>Development</td>
<td></td>
<td></td>
<td></td>
<td>AK, CA, FLH, ID, KS, ND, NE, NM, NV, SC, VI, WA, WV</td>
</tr>
</tbody>
</table>

**Definitions:**
- **Leap** = advance two stages in any application
- **Jump** = advance one state in any application
- **Walk** = make progress within a stage for an application
Initiative Resources

• **Webinars**
  — Adventures in Crowdsourcing: Engaging Navigation Providers
    — Tuesday, November 5 1:30-3:00 ET
  — Adventures in Crowdsourcing: Vendor Engagement
    — December 5, 2019 1:30-3:00 ET
  — Adventures in Crowdsourcing: Data Management and Use
    — January 2020

• **Workshops**
• **Peer exchanges**
  — Validation and Filtering of Crowdsourced Data
    — December 10-11, Nashville, TN
  — Making the Most of Real-Time Vehicle Probe Data
    — February 2020 (date and location TBD)

• **On-site technical assistance**
• **Training materials/training**
• **Case studies**
EDC-5 Funding Opportunities

- **State Transportation Innovation Council (STIC) Incentive**
  - Up to $100,000 per STIC per year to standardize an innovation
  - [https://www.fhwa.dot.gov/innovation/stic/](https://www.fhwa.dot.gov/innovation/stic/)

- **Accelerated Innovation Deployment (AID) Demonstration**
  - Up to $1 million available per year to deploy an innovation not routinely used
  - [https://www.fhwa.dot.gov/innovation/grants/](https://www.fhwa.dot.gov/innovation/grants/)
Innovation Deployment News

Weekly newsletter

Bi-monthly magazine

To Subscribe:
Email: https://www fhwa dot gov/innovation/

Text: Send “FHWA Innovation” to 468311
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Question & Answer