National Accessibility Evaluation TAP Meeting

January 12, 2016
Agenda

1. Welcome from MnDOT
2. Introductions
3. Project Overview
4. Future TAP Meetings
5. Other Business
Welcome from MnDOT

Jean Wallace
Introductions

Brenda Thomas
Accessibility Observatory Staff

Prof. David Levinson, Managing Director
Andrew Owen, Director
Brendan Murphy, Researcher
Student researchers
TAP Members

Minnesota Department of Transportation (lead agency)

Jean Wallace, Deanna Belden, Farideh Amiri

Federal Highway Administration

Brian Gardner

Arkansas State Highway and Transportation Department

Jessie Jones, Michael Henry, Virginia Porta

California Department of Transportation

Rahul Srivastava

Florida Department of Transportation

Dana Knox

Iowa Department of Transportation
CTS Staff

Laurie McGinnis, Director

Brenda Thomas, Director of Coordinated Research

Colleen O’Connor Toberman, Program Coordinator
Project Update and Discussion

Andrew Owen
Current Status

Task 2 complete (Collect Input Datasets)

- Complete US road network with speed profiles supplied by TomTom
- Block-level employment estimates from U.S. Census LEHD
- Pedestrian network with national coverage from OpenStreetMap
- Ongoing transit schedule collection and updates

Task 3 in progress (Calculate Accessibility Datasets)

First round of calculations revealed two resolvable issues:

- Transit: handling of skyway/underground pedestrian facilities
- Auto: handling of local time zone when reading speed data

Revised calculations in progress

Task 4 in progress (Prepare Accessibility Reports)

Preparing report templates

- Statewide maps, data summaries by county & metro/micropolitan area
- Processed work plan amendments for new partners
- Arkansas State Highway and Transportation Department
- Virginia Department of Transportation
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Timeline

Contract start date: July 9, 2015

Task 1: Communications and TAP Panel Engagement
   Ongoing

Task 2: Collect Input Datasets
   September 2015

Task 3: Calculate Accessibility Datasets
   November 2015

Task 4: Prepare Accessibility Reports
   February 2016

Task 5: TAP Review of Results and Methodology
   March 2016
Future Plans

Expanding data delivery to include bike and walk accessibility!

Included in 2015 data deliverables

Web-based interface for exploring and analyzing

Reliability of Accessibility

Equity of Accessibility

Transit capacity

Panel at AASHTO Washington Briefing
New Opportunities

- Potential new state DOT partners
- Outreach to MPOs, cities, transit agencies
Florida DOT Evaluation of Accessibility Performance Measures — Project Summary

Doug McLeod
Other Business

Brenda Thomas
Case Studies for “Exploring and Expanding” Project

FHWA-funded research project:
“Exploring and Expanding Accessibility Metrics for Transportation Planning”

Thank you for many excellent recommendations!

After discussion with FHWA, selected 6 projects

Minnesota
California
Wisconsin
Texas

Will share relevant progress and findings at future TAP meetings
Questions and Discussion