

National Accessibility Evaluation TAP Meeting

September 25, 2018



Agenda

1. Welcome from MnDOT
2. Introductions
3. Project Update
4. Member Updates
5. Other Business

Welcome from MnDOT

Deanna Belden



Introductions

Claire Johnson

Project Update and Discussion

Andrew Owen

Project Update and Discussion

1. Status updates
2. Auto 2017 release planning
3. GIS map/data access
4. Freight and accessibility
5. Data & report hosting

Data & Report Hosting

- NetFiles shut down unexpectedly
- Set up temporary hosting, discuss long-term solution today

Auto Accessibility Change Interpretation

- Auto results showed large decreases in accessibility across the board
 - More than attributable to real speed changes
 - Also reflects TomTom data processing changes
 - 2nd year in a row
- Publishing with caveat on year-over-year comparisons
- Important issue for national-scale accessibility evaluation
- Investigating with TomTom how to avoid, possibly revisit historical data

Year 3 (2017)

- Transit 2017: published June 2018
- Auto 2017:
 - Proposed:
 - Data & report to partners — this week
 - Publish report — October 24th
- Bike & Walk:
 - End of November

Data/Map API and Web Visualization

- Completed initial testing with subgroup (June)
- Tract-level data is loaded, block-level in progress
- Publishing as Web Map Services (WMS) layer for import in ArcGIS or QGIS, with authentication
- Data hierarchy:
 - Mode
 - Time window (6–8am, 4–6pm, overnight)
 - Travel time threshold (5, 10, ..., 60 min)
 - Destination type (all jobs, by income, by sector)
- Next steps:
 - Complete block level data loading and testing
 - Add metadata and descriptions
 - Subgroup meeting October–November based on data progress

Accessibility and Freight

- Held subgroup meeting (June)
- Identified data source for pilot implementations
 - Intermodal Freight Facilities dataset from BTS Transportation Atlas
- Pilot metrics (segmented by air/rail/truck/port):
 - Time to nearest
 - Distance to nearest
 - # within thresholds
 - Time/distance-weighted index
- Next steps:
 - Review pilot implementation with subgroup, October–November

Data Hosting Options

- NetFiles shut down
- Short-term: hosting files on Amazon S3 with direct web links
 - Sending data catalog this week
- Long-term: discuss options
 - Importance of access control? Report vs. data?
 - UMN Libraries data repository (DRUM)
 - Commercial file sharing (Dropbox, Box, OneDrive, etc)
 - Other?

Member Updates

Other Business

Claire Johnson

Thank you!

