National Accessibility Evaluation TAP Meeting

April 12, 2016
Agenda

1. Welcome from MnDOT
2. Introductions
3. Project Update
4. Member Updates
5. Year 2 Funding and Contract
Welcome from MnDOT

Jean Wallace
Introductions

Brenda Thomas
Project Update and Discussion

Andrew Owen
Current Status

Task 2 complete (Collect Input Datasets)

Task 3 in progress (Calculate Accessibility Datasets)

  Focused on finalizing handling of special road/highway components: HOV lanes, toll/subscription facilities

  Revised calculations in progress

Task 4 in progress (Prepare Accessibility Reports)

  Reviewing prototype report (today) and revising

Preparing work plan amendment for project year 2, adding MD
Current Status

Task 2 complete (Collect Input Datasets)

Task 3 in progress (Calculate Accessibility Datasets)
  
  Analyzed potential impacts of road network/speed data format change

  Focused on finalizing handling of special road/highway components: HOV lanes, toll/subscription facilities

  Revised calculations in progress

Task 4 in progress (Prepare Accessibility Reports)

  Reviewing prototype report (today) and revising

Preparing work plan amendment for project year 2, adding MD
Prototype Accessibility Report

Goals:

Quick state-level overview accessibility maps

Accessibility summary by metropolitan areas
1.2.1 Driving

Table 1 provides the average (worker-weighted) job accessibility by driving at 8 AM period for each MPO. The following pages provide additional details and maps for each MPO.

Table 1: Average Job Accessibility by Travel Time Threshold (Driving, 8 AM)

<table>
<thead>
<tr>
<th>MPO</th>
<th>10</th>
<th>20</th>
<th>30</th>
<th>40</th>
<th>50</th>
<th>60</th>
</tr>
</thead>
<tbody>
<tr>
<td>Duluth - Superior Metropolitan Interstate Council</td>
<td>-</td>
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<td>Fargo - Moorhead Metropolitan COG</td>
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<tr>
<td>Grand Forks - East Grand Forks MPO</td>
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<tr>
<td>La Crosse Area Planning Committee</td>
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<tr>
<td>Mankato / North Mankato Area Planning Organization</td>
<td>-</td>
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</tr>
<tr>
<td>Metropolitan Council</td>
<td>589</td>
<td>4,539</td>
<td>17,651</td>
<td>44,355</td>
<td>83,646</td>
<td>134,173</td>
</tr>
<tr>
<td>Rochester - Olmstead COG</td>
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<tr>
<td>St. Cloud Area Planning Organization</td>
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</tr>
</tbody>
</table>
**Metropolitan Council**

**Job Accessibility Results – Driving, 2015**

<table>
<thead>
<tr>
<th>Description</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Total Jobs</td>
<td>1,702,530</td>
</tr>
<tr>
<td>Average Job Density (per km²)</td>
<td>109</td>
</tr>
<tr>
<td>Total Workers</td>
<td>1,652,044</td>
</tr>
<tr>
<td>Average Worker Density (per km²)</td>
<td>106</td>
</tr>
</tbody>
</table>

*Job and worker totals are based on LEHD estimates and may not match other sources.*

**Average Job Accessibility by Travel Time Threshold (worker-weighted)**

![Graph showing job accessibility by travel time]

- 10 min: 589
- 20 min: 4,539
- 30 min: 17,651
- 40 min: 44,355
- 50 min: 83,646
- 60 min: 134,173
Prototype Accessibility Report

Questions:

Metropolitan area data — CBSA vs MPO?

Integrate congestion maps/data?

Other feedback

Please send by email as well!
Timeline

Data & report delivery
  mid-May 2016

Year 1 wrap-up & reporting
  May - June 2016

Work plan development - year 2
  May 2016
Future Plans

Potential expansions for year 2:

- Web-based interface for exploring and analyzing (public-facing)
- Partner data access via REST API
- Reliability of accessibility (report component)
- Equity of accessibility (report component)
- Transit capacity impacts on accessibility (report component)
4,222,000 total jobs

Mode of Travel

- All jobs in region

Max Travel Time: 60 mins

15 mins

Display jobs

- By industry
- By education

select all | none

- Education: 431,000
- Finance: 502,000
- Health care: 686,000
- Hospitality: 551,000
- Information services: 195,000
- Manufacturing: 217,000
- Professional services: 689,000
- Public administration: 252,000
- Retail & Wholesale: 513,000
- Utilities & Transportation: 186,000

http://rpa.conveyal.com
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Member Updates
Year 2 Funding and Contract

Brenda Thomas
Questions and Discussion