Agenda

1. Welcome from MnDOT
2. Introductions
3. Project Update
4. Bike Data & Report Discussion
5. Census LEHD Data Availability
6. Partner Check-In Highlights
7. Member Updates
8. Other Business
Welcome from MnDOT

Deanna Belden
Introductions

Claire Johnson
Project Updates

Andrew Owen
Project Updates

Data and Reports

- **Bike 2017**
  - Data delivered
  - Reports available over next two weeks
  - Discuss timing of national report release

- **Transit 2018, Auto 2018**
  - Network data ready
  - Data was scheduled for June, assuming LEHD data available
  - Discuss handling of LEHD data delays
Project Updates

Scenario Evaluations

- I-94 Managed Lanes (MnDOT)
  - Impacts of managed lanes on auto & transit access to jobs
  - Presenting at Midwestern District ITE meeting, June 19–20

- Arterial BRT plans (Metropolitan Council)
  - In progress, received transit schedule scenarios from Metro Transit
Scenario Evaluation: I-94 Managed Lanes (MnDOT)
Scenario Evaluation: I-94 Managed Lanes (MnDOT)
Project Updates

Scenario Evaluations

- I-94 Managed Lanes (MnDOT)
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Scenario Evaluation: C Line ABRT (Metropolitan Council)

Change in jobs by transit (time-weighted)

Existing Transit Network + C Line
- C Line Alignment
- C Line Stations
- Existing Transit Network

Legend:
- < -100%
- -100% – -50%
- -50% – -25%
- -25% – -10%
- -10% – -5%
- -5% – 0%
- 0%
- 0% – 5%
- 5% – 10%
- 10% – 25%
- 25% – 50%
- 50% – 100%
- > 100.0%

Percent change in accessibility between 7:00 to 9:00 am weekday using existing network + C Line
Bike Data & Report Discussion

Brendan Murphy
Bike Data & Reports - Status Updates

- Bike accessibility data — completed, distributed to partners
- Bike LTS network data — completed, distributed to partners
- National Bike report — being finalized currently, draft to partners mid next week (ca. 6/5)
- State partner bike reports — in progress, delivered to partners by end of next week (6/7)
- National Bike methodology report — draft delivered to partners by 6/14
- Note: walking excluded from Bike reports, but data are completed and will be distributed early next week
Bike Data — Metrics

1. Low-Stress Accessibility (LTS 2)
2. Medium-Stress Accessibility (LTS 3)
3. Accessibility Ratio, Low-Stress to “Open Streets”
Washington
Washington-Arlington-Alexandria, DC-VA-MD-WV

| Rank by Weighted Low-Stress Bike Accessibility | 6 |
| Rank by Weighted Medium-Stress Bike Accessibility | 5 |
| Rank by Total Employment | 7 |
| Total Jobs | 2,939,000 |
| Average Job Density (per km^2) | 203 |
| Total Workers | 2,776,148 |
| Average Worker Density (per km^2) | 191 |

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

Biking Job Accessibility by Travel Time Threshold

Weighted Biking Job Accessibility Ratio, Bike Networks to Open Streets (LTS 4)
Bike Metrics — Top 10 Rankings

Low-Stress
1. New York
2. San Francisco
3. Chicago
4. Denver
5. Philadelphia
6. Washington
7. Los Angeles
8. Portland
9. Seattle
10. San Jose

Medium-Stress
1. New York
2. San Francisco
3. Chicago
4. Denver
5. Washington
6. Portland
7. Minneapolis–Saint Paul
8. Seattle
9. Boston
10. San Jose
Bike 2017 Report Publication

- Week of July 8?
Census LEHD Data Availability

Andrew Owen
Census LEHD Data Availability

- Census’ Longitudinal Household-Employer Dynamics data program provides job and worker location datasets for our accessibility calculations
- 2018 accessibility data & reports would be based on 2016 LEHD data
- LEHD 2016 delayed due to data use negotiations with federal Office of Personnel Management
- LEHD will go ahead with calculations without federal workers, available “this summer”
Census LEHD Data Availability

Potential approaches:

A. Calculate accessibility now, using updated transportation data but last year’s LEHD data
   - Year-over-year changes would reflect only transportation effects
   - Data available ~end of July

B. Wait for new LEHD data
   - Year-over-year changes reflect both transportation and employment effects
   - Interpretation complicated by removal of federal employees
   - Data available ~August–October, depending on availability of LEHD update

C. Wait for new LEHD data, then calculate accessibility using both LEHD data years
   - Opportunity to evaluate both sets of data before deciding what is most valuable to report
   - Might be able to use old data to adjust for federal worker difference in new data
   - Data available ~August–October, depending on availability of LEHD update
Partner Check-In Highlights

Andrew Owen
Partner Check-In Highlights

- 4 conversations so far, another next week
- Common themes:
  - Current data formats are a barrier to use
    - We're evaluating alternative formats that are more GIS-ready, testing with partners soon
  - Desire for assistance in helping other departments/divisions understand and use accessibility data
    - We're beginning to outline summary documents and training webinars targeted at DOT staff beyond panel members
  - Looking for guidance and examples of how accessibility can/should be integrated with planning processes
    - We can help with scenario evaluations, including data preparation
    - Continue sharing partner experiences
    - Monitoring NCHRP 08-121 “Accessibility in Practice”
Member Updates
Member Updates

- TDOT — congestion data used in public outreach planning, coverage in ArcUser magazine
  - [https://www.esri.com/about/newsroom/arcuser/environmental-justice/](https://www.esri.com/about/newsroom/arcuser/environmental-justice/)
Other Business

Claire Johnson
Thank you!