

# **Vision for the Northeastern Illinois Expressway System**

Presentation to the  
**Freight Committee**

May 15, 2017

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Chicago Metropolitan  
Agency for Planning

# Today's Agenda

- The Chicago Region's Expressway System
- Project Purpose and Overview
- Project Schedule
- **Draft Goal Areas**



# The Chicago Region's Expressway System

## Sample of Major Issues:

- Importance of expressway system for economic development;
- Backlog of unfunded reconstruction needs;
- Unaddressed, long-term congestion issues;
- Mass transit needs; expressways need to work better as multi-modal transportation corridors



# The Chicago Region's Expressway System

## Sample of Major Issues (Continued):

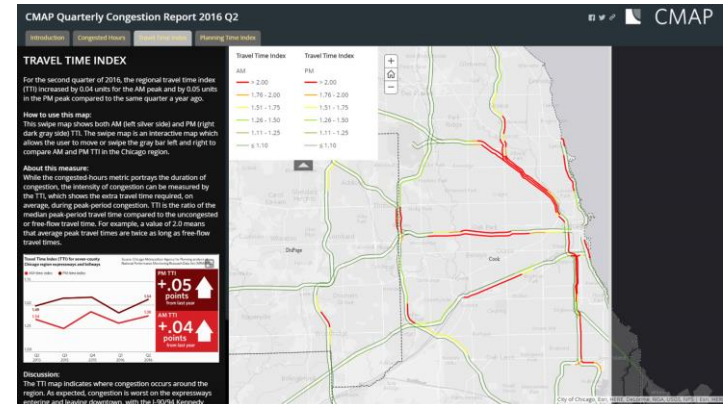
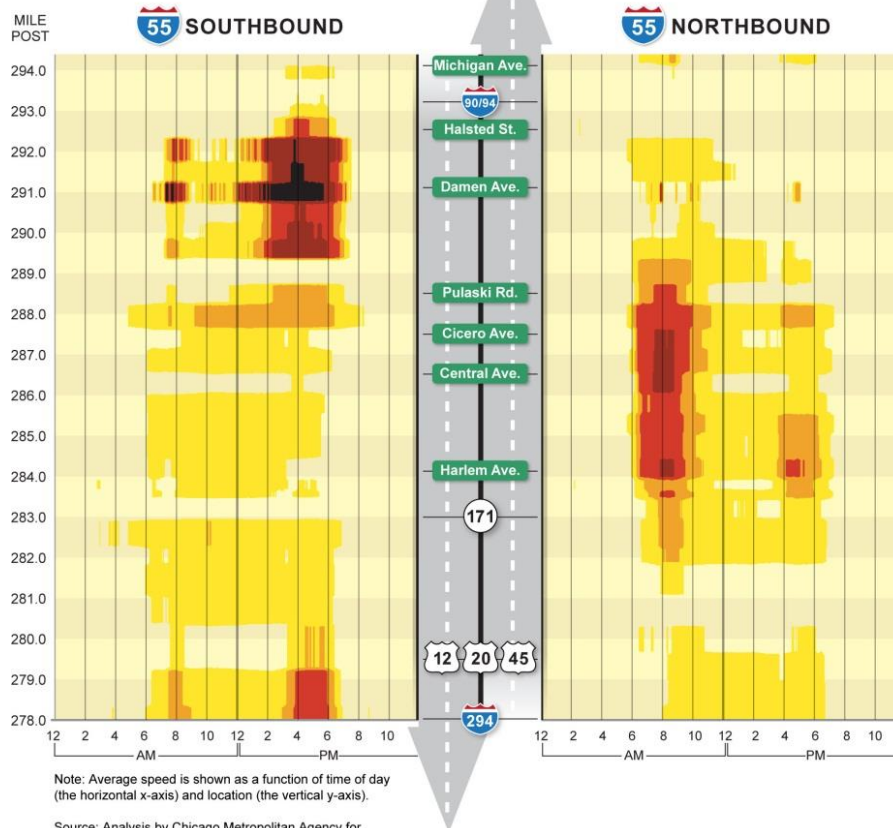
- Freight bottlenecks;
- Coming vehicle automation and communications technologies;
- Environmental and climate challenges;
- Neighborhood impacts.



# The Chicago Region's Expressway System

I-55 Congestion Scan, 2009 Tuesday-Thursday

- 50-60 MPH    30-40 MPH    10-20 MPH
- 40-50 MPH    20-30 MPH    0-10 MPH

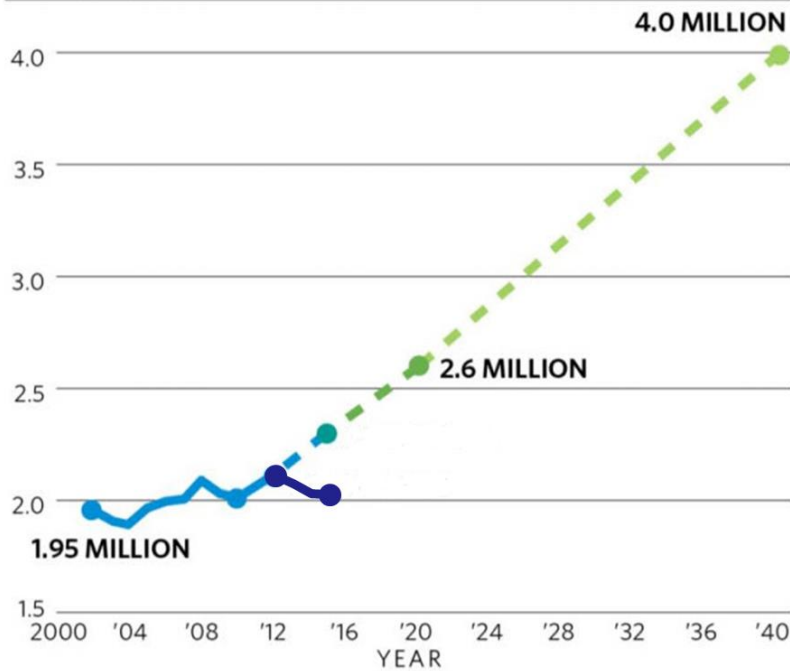


## Unaddressed Congestion Issues

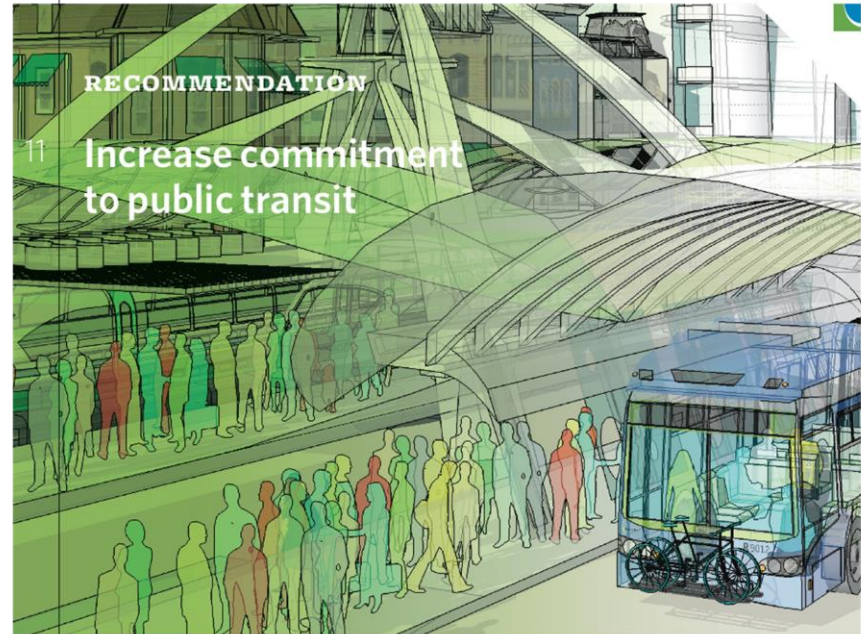


# The Chicago Region's Expressway System

Average weekday unlinked transit trips, 2002-40, with targets, in millions



Source: Federal Transit Administration National Transit Database.



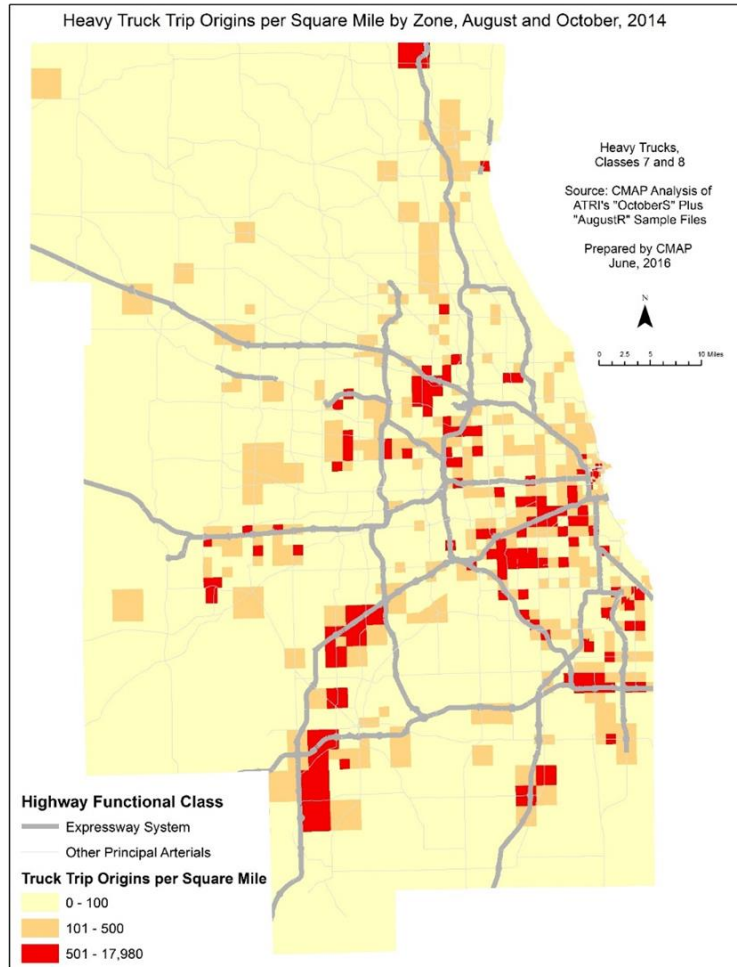
Mass Transit through  
Multi-Modal Transportation  
Corridors



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# The Chicago Region's Expressway System



Freight System Needs

# Project Purpose and Overview

**Project purpose:** create a vision for the northeastern Illinois expressway system.

**Objective:** Chart a bold, multi-modal, long-term course for the system, regardless of ownership, that future IDOT and Tollway capital programs and operating policies can draw from.

**Objective:** Inform *ON TO 2050*, the region's long-term comprehensive plan development process.





# Project Purpose and Overview

Project highlights:

- Conceptual goals development
- Planning-level examination of the investments and management strategies needed to improve system condition and performance
- Corridor recommendations supported by conceptual engineering and order of magnitude cost estimates



# Project Purpose and Overview

Project highlights (continued):

- Estimating revenue from tolling and value capture
- Solutions for traffic diversion impacts
- Multi-modal focus. Transit needs and opportunities will be evaluated for each study corridor. Freight bottlenecks also need to be addressed.



# Project Schedule

|               |   |
|---------------|---|
| Spring, 2017  | Initiation, project goals, committee engagement |
| June, 2017    | Consultant start                                |
| Summer, 2017  | Trends/strategies, committee engagement         |
| Fall, 2017    | Corridor recommendations, open houses           |
| January, 2018 | ON TO 2050 Recommendations                      |
| March, 2018   | Draft Vision, Committee Engagement              |
| May, 2018     | Final Deliverables Due                          |



# Goal Areas We Have Identified

- Improve truck freight movement
- Address most intractable congestion issues
- Provide game-changing mass transit improvements
- Prepare for vehicle automation; leverage communications technologies
- Improve roadway environmental performance
- Adapt expressway right-of-way for broader needs



# Goal Areas We Have Identified

- Reduce impact on neighborhoods
- Financial sustainability
- Adapt to climate change
- Promote long-term regional economic growth
- Improve safety
- Achieve a state of good repair



# Additional Goal Areas/Ideas?

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