

CMAP Truck Probe Analyses: A Sample

Regional Transportation
Operations Coalition

November 17, 2016

A Problem

East-bound I-290 to Southbound I-294



Congestion Data

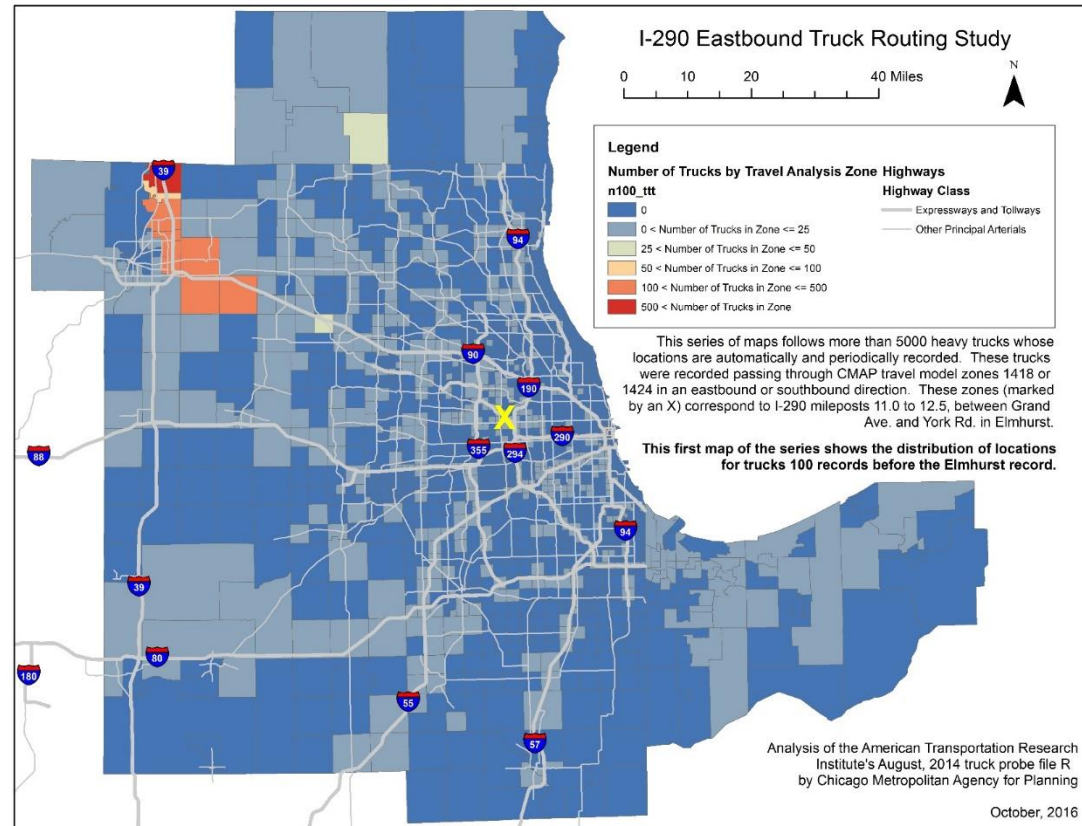
CMAP has compiled congestion data from the National Performance Measurement Research Dataset:

- Truck Bottlenecks:
 - http://www.cmap.illinois.gov/documents/10180/541045/Truck_bottlenecks_map_20160511.pdf
- CMAP's Quarterly Congestion Reports
 - <http://cmapgis.maps.arcgis.com/apps/MapSeries/index.html?appid=0fd437c1906b4f0db2390f267a904121>

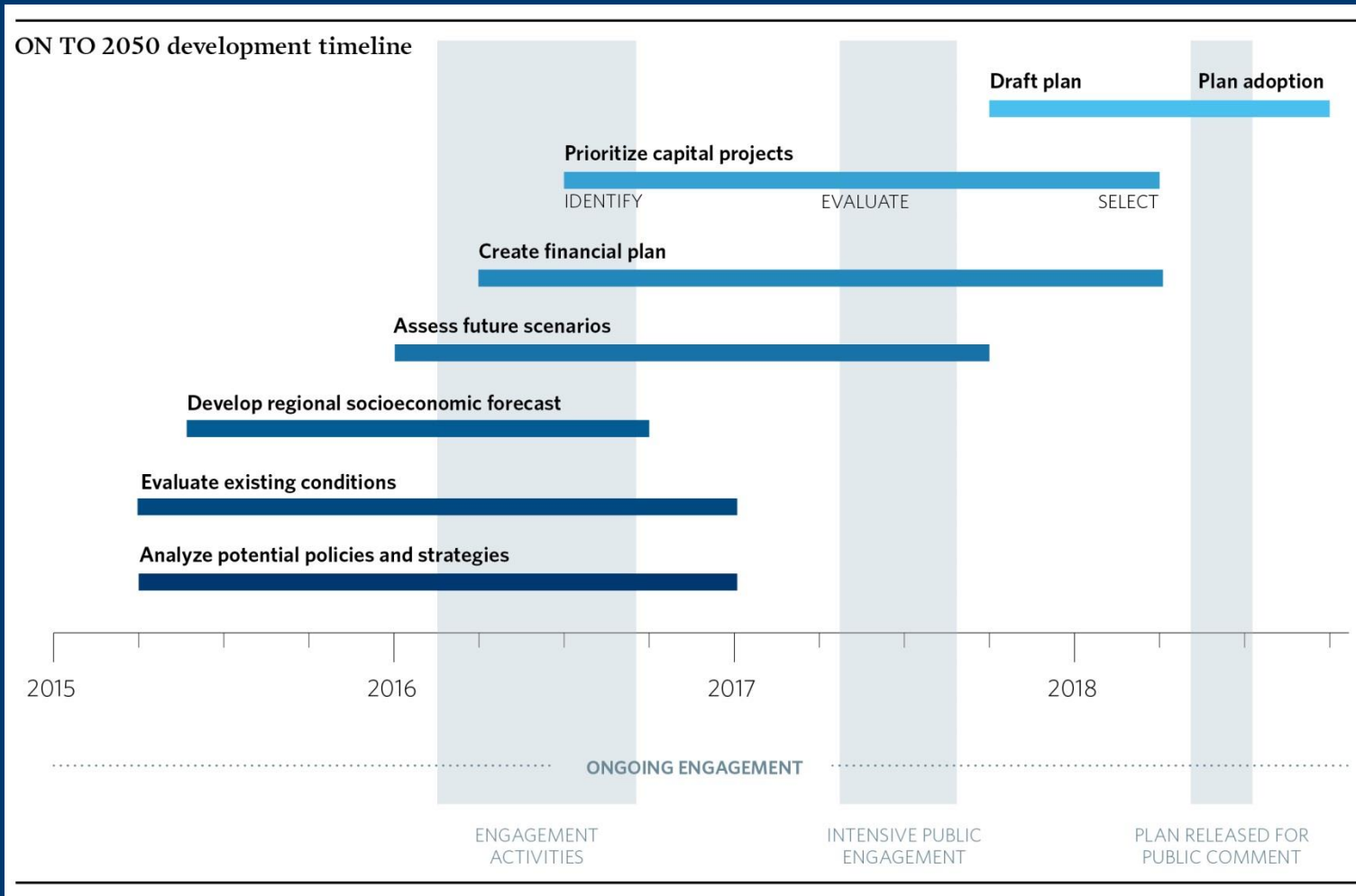
ATRI Truck Probe Data

- Class 7 and 8 Trucks
- Millions of Records
- Two Two-Week Periods in 2014 were analyzed.
- Each record has a truck ID, timestamp, speed, and location (travel analysis zone).
- Allows analysis of truck travel characteristics (e.g., time of day), origin-destination, and routes.

ATRI Truck Probe Data: Routing for EB I-290 Trucks



ON TO 2050: a new long-term plan for the region



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