

Updated Regional Truck Corridors

TAC Planning Committee

October 14, 2021

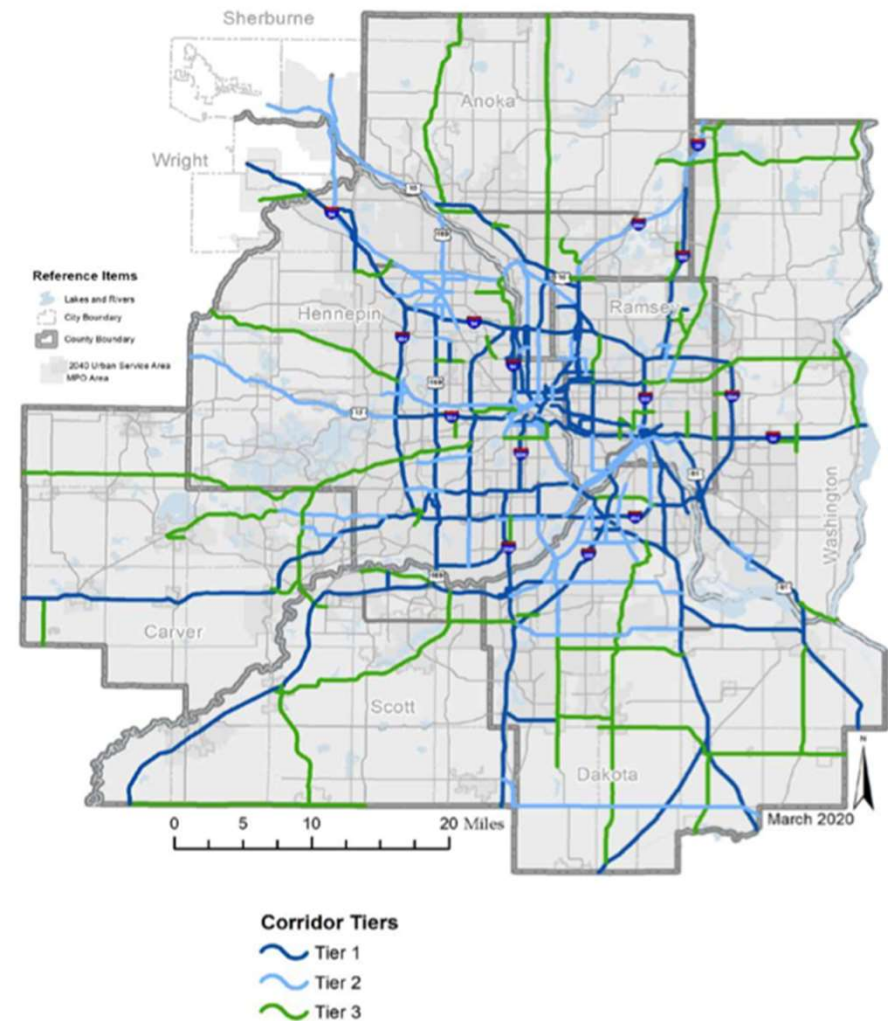


Background

Regional Truck Corridors

- Developed through the Regional Truck Highway Corridor Study (2017)
- Defined as the set of Twin Cities' major highways most heavily relied upon by the trucking industry for delivering the region's freight and goods
- Added to TPP in 2018 update
- First applied as criteria in Regional Solicitation in 2018

Figure 8-4. Regional Truck Freight Corridors



BACKGROUND

Data Update Process

- Spreadsheet model and database used in original study updated with most recently available
 - MnDOT heavy commercial annual average daily traffic (HCAADT) volume estimates (2017 – 2019)
 - MnDOT annual average daily traffic (AADT) volume estimates (2017 – 2019)
 - Streetlight commercial truck estimates (2018 – 2019)
- Preliminary corridor model results and subsequent iterations reviewed with counties/cities technical review group (subset of original study TAC)

Regional Truck Corridor Updates

Proposal Review Process

- Agencies given the opportunity to
 - Propose adding new truck corridors
 - Request re-assessments of existing truck corridors
 - Propose adding planned or newly constructed/expanded major freight facilities
- Received proposals for 14 new corridors & 2 new freight facilities
- Staff reviewed & assessed proposals against specified minimum thresholds for daily truck volumes

Regional Truck Corridor Updates

Update Results

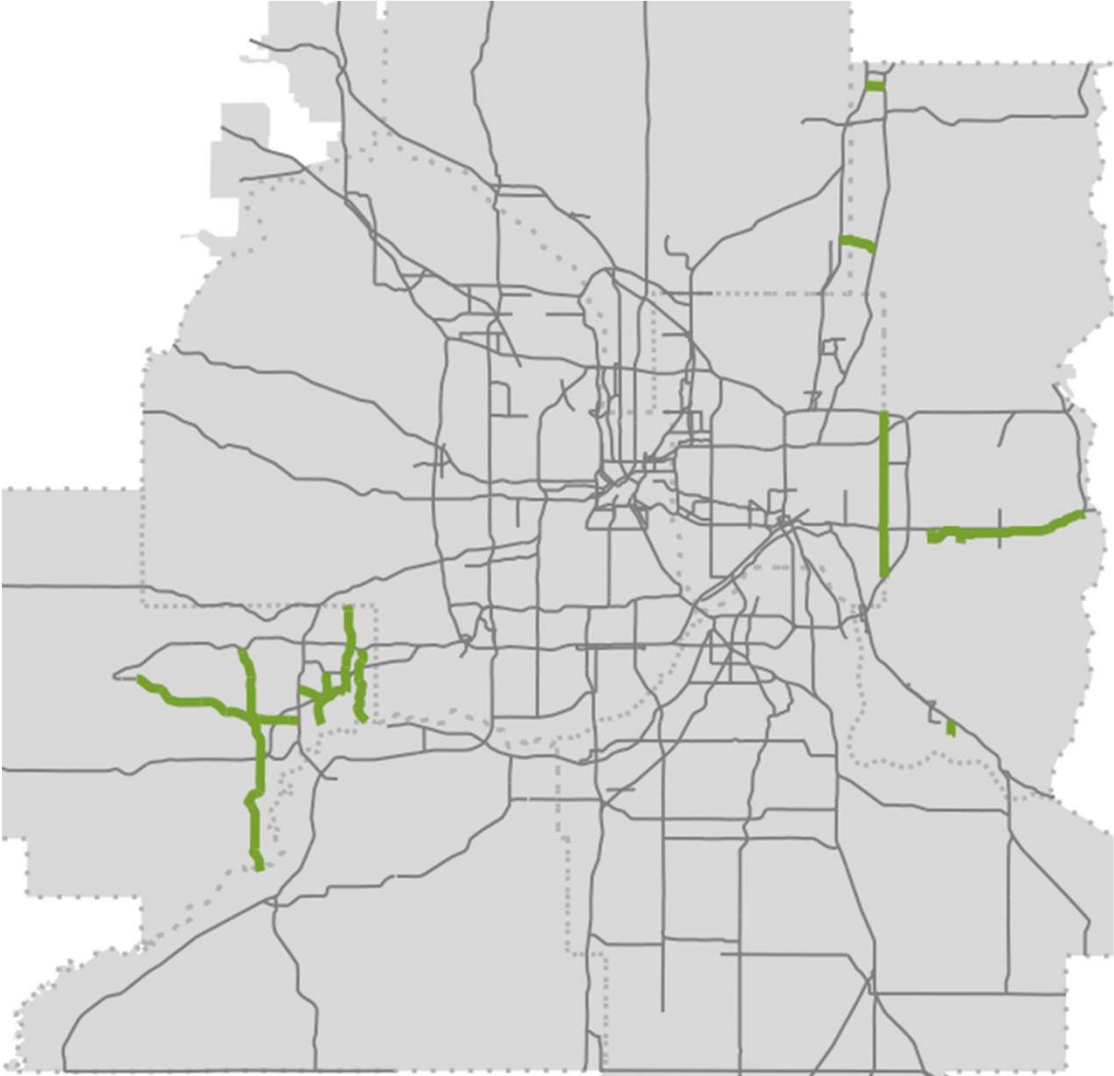
- Of the 14 proposed corridors:
 - 11 met minimum thresholds (average daily truck volume) and are recommended for acceptance
 - 2 had segments that met minimum thresholds; only these segments are recommended for acceptance
 - 1 corridor did not meet thresholds
- Of the 2 proposed major freight facilities
 - 1 met minimum threshold for truck trips generated and is recommended for acceptance
 - 1 did not meet threshold
- If approved, these updates will be incorporated in TPP by early 2022

Truck Corridor Tier Assignments

Considerations

- Priority tiers (1, 2 or 3) were assigned based on composite scores generated via the updated prioritization model
- Tier thresholds (dividing lines between tiers) based on
 - Natural data breaks between corridor scores
 - Distribution of corridor miles across tiers compared to initial study
 - Roadway functional class

Proposed Regional Truck Corridors



2021 Updated Regional Truck Corridors Map

