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
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)

• 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