

# Regional Truck Corridors Update Process

TAC Planning Committee

April 8, 2021

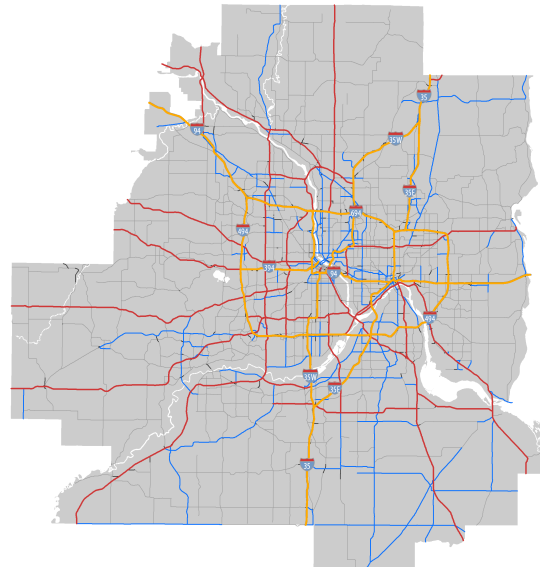


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## BACKGROUND

### Regional Truck Highway Corridor Study

- 2017 Study considered all Principal and Minor Arterials
- Used combination of MnDOT and American Trucking Research Institute data to screen potential corridors
  - First screen threshold was annual avg daily volume minimum of 300 trucks
  - Second screen required min. of 200 trucks per day AND at least 10% of total traffic



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# BACKGROUND

## Regional Truck Highway Corridor Study

Corridors were prioritized based on four data factors, including

### Usage factors:

- Average daily truck volume
- Truck volume proportion of total daily traffic

### Land Use factors:

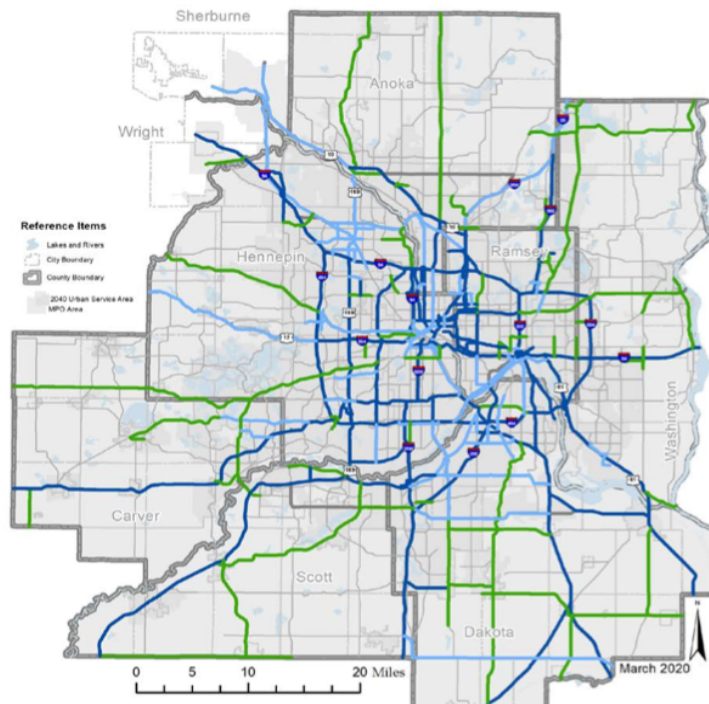
- Proximity to freight industry clusters
- Proximity to regional freight terminals

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## Regional Truck Corridors Map



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## BACKGROUND

### Truck Corridor Data Updates

- Database used in original study updated with most recently available
  - MnDOT HCAADT volume estimates (2019)
  - MnDOT AADT volume estimates (2017 – 2019)
  - Streetlight commercial truck estimates (2018 – 2019)
- Meeting scheduled to review updated corridors with agency members from study technical advisory work group
- Corridor prioritization model reformatted to facilitate data updates



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## BACKGROUND

### Trans. Policy Plan & Regional Solicitation

- Regional Truck Highway Corridor Study (2017-18)
- Regional Truck Freight Corridors established in 2018 TPP update
- Regional Truck Corridors used in Regional Solicitation project selection criteria since 2018
- Truck corridors used as qualitative criterion in Minnesota Highway Freight Program



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## Agency Review Process

On Regional Truck Corridor Update Applications:

- Agencies will be asked to review regional truck corridors in their communities via online interactive map
- Based on those reviews, agencies can propose the following:
  1. A **re-assessment of an existing corridor** based on recent vehicle classification counts to estimate annual average daily truck volume
  2. A **new regional truck corridor** to be evaluated with latest MnDOT HCAADT or Streetlight commercial vehicle estimates (or supported by recent on-corridor truck counts)
  3. Inclusion of a planned or newly constructed/expanded **major freight facility** projected to generate a minimum of 300 truck trips per day

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## Application Process

### What are the Steps?

1. Publish notice to submit applications for updating Regional Truck Corridors
2. Council staff review submitted applications:
  - Proposed **new or extended corridors**:
    - Verify minimum thresholds met (e.g., 300 trucks/day)
    - If min. thresholds met, corridor segment added to database for prioritization analysis
  - Proposed **new major freight facilities**:
    - Confirm minimum threshold of 300 truck trips generated per day
    - New points entered in data prioritization model for reanalysis
  - Appropriate priority tier assigned based on application of updated corridor prioritization model

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# Application Process

## What are the Steps?

3. Present recommended corridor additions through TAC/TAB process for developing the 2022 Regional Solicitation application
4. TAB accepts changes with updated map prior to releasing draft Regional Solicitation application packet for public comment
5. Map update will also require a TPP administrative modification; public comment will be afforded through Regional Solicitation public comment process
6. Final Regional Truck Corridors map presented for approval by TAB and Met Council



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# Regional Truck Corridors Update Schedule

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|--|-----------------|
| • Publish notification to propose changes                          | Target: 5/28/21 |
| • Deadline to submit applications                                  | Target: 7/2/21  |
| • Council staff review applications                                | July/Aug        |
| • TAC/TAB approval process for updated maps                        | Aug/Sept        |
| • Public Comment period for Reg. Solicitation and TPP modification | Sept/Oct        |
| • Final maps approved by TAB & Met Council                         | Dec/Jan         |



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