

Regional Truck Corridors Update Process

Transportation Advisory
Committee
May 5, 2021

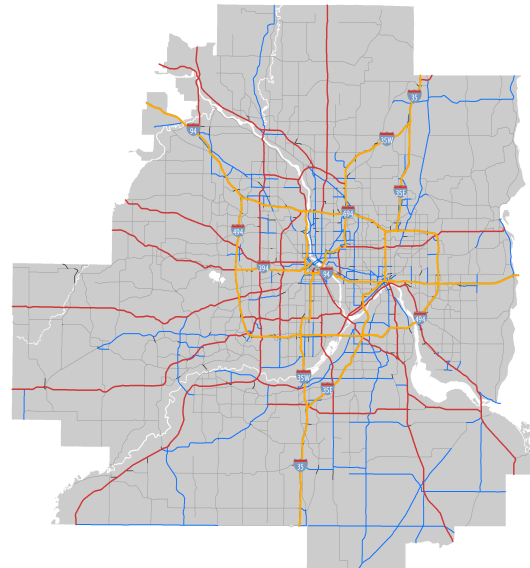


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BACKGROUND

Regional Truck Highway Corridor Study

- 2017 Study considered all Principal and Minor Arterials
- Used combination of MnDOT and American Trans. Research Institute (ATRI) data
- Highways included as regional truck corridors if 1 of 2 thresholds met:
 - Average of 300 or more trucks per day
 - Average of 200+ trucks *and* at least 10% of total traffic were trucks



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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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BACKGROUND

Truck Corridor Data Updates

- Corridor spreadsheet model reformatted to facilitate data updates
- Database from 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 held to review updated corridors with agency members from study technical advisory work group

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BACKGROUND

Converting to Streetlight data has distinct advantages:

1. **Low Cost:** MC already has access to database via MnDOT's ongoing subscription
2. **Flexibility:** able to select analysis period for whichever months or years are desired
3. **Higher reliability:** provides volume estimates as a 'typical average day' for the specific time period; reduces the effects of seasonality and other anomalies like short-term road closures



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BACKGROUND

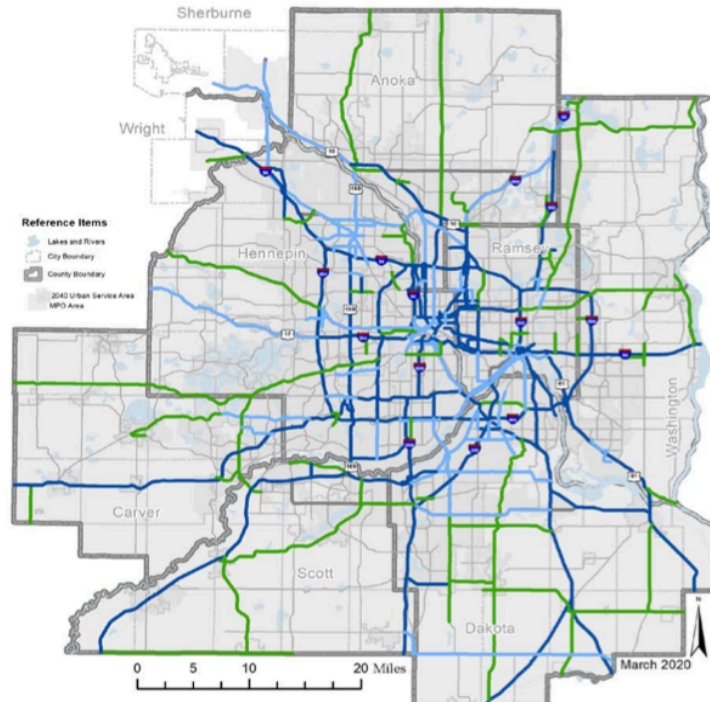
Trans. Policy Plan & Regional Solicitation

- 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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Regional Truck Corridors Map



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Agency Proposed Updates

Regional Truck Corridor Update Applications

Agencies will have option to 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 300 or more 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 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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Corridors Update Schedule

- 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

