

Final approval of the Northwest Superior Traffic Circulation Study

Presented By
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Northwest Superior Traffic Circulation Study



Prepared by the Duluth-Superior Metropolitan Interstate Council, March 2008



Existing Conditions



Map 3.8: Segments exceeding expected crash rates for equivalent access densities. The road segments highlighted in orange are those that have crash rates higher than expected according to their access densities.

Small-area traffic model



Map 4.2: Traffic volumes in northwest Superior as projected by model. The small-area traffic model predicts that by 2025 daily traffic levels will increase by roughly 2,000 vehicles on Belknap Street, Winter Street, Tower Avenue, Susquehanna Avenue.

Document can be found at: www.dsmic.org/nws

Steering Committee & WisDOT Feedback:

- Notification of errors in the modeling (intersection configurations)
- Ramp & Bypass were not warranted by projected LOS conditions.
- Recommend lower-cost solutions to address issues identified with the traffic model.

Summary of recommendations:

- Improve current truck routes (signage, turning radii, rail crossings)
- Develop an access management plan for north Superior.
- Improve signal timing & coordination in north Superior.
- Install median treatments to Belknap Street.
- * Revisit the merits of an off-ramp and a bypass in future studies.

Upcoming studies will build on this work:

- The E 2nd Street Access Management Plan – *currently underway*.
- I-535 / Highway 53 interchange (Blatnik Bridge) - 2009.
- Area-wide freight study – *tentatively 2009*.

For approval:

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