

NW SUPERIOR TRAFFIC CIRCULATION STUDY

Scope of Work Summary

Study Goal:

Identify transportation improvements that will accommodate future traffic increases due to intensified land use in NW Superior.

Study Area:

The study will extend from the areas adjacent to the Bong Bridge to the areas adjacent to the Blatnik Bridge.

Objectives:

- Verify current traffic patterns in the area including trucks.
- Determine build-out scenarios of future land uses in the study area.
- Examine current roadway capacities against the demand of future build-out scenarios.
- Identify specific recommendations to match capacity to future demands.

Work Tasks:

1. Data Collection

- Examine the findings of earlier studies.
- Identify stakeholders.
- Develop an updated land use map.
- Inventory the active railroad crossings and safety devices.
- Collect current traffic counts including truck counts.
- Collect turning movement counts.
- Gather available crash data.
- Inventory access points along main traffic corridors.
- Obtain future build-out scenarios.
- Model future traffic demands based on potential future land uses.

2. Data Analysis

- Examine current traffic demand.
- Analyze crash data and identify potential safety conflicts.
- Examine train frequencies through area and at crossings.
- Analyze model results and compare to current traffic demand.
- Identify potential deficiencies in current roadway network.
- Identify potential network solutions.

3. Public Outreach and Input

- Survey area businesses to determine current infrastructure satisfaction, local problems or issues, desired changes.
- Hold Public Open House to present planning effort and gain stakeholder input.
- Display updated information on MIC website.

4. Develop Final Document

- Incorporate consultant's findings.
- Develop final recommendations.
- Identify potential funding sources for identified improvements.
- Record study process in a chapter format for final document.

Timeline: October 2006 – July 2007