



# TH 280 AT BROADWAY STREET

## Minneapolis, MN

**CLIENT:**  
CSM Corporation

**REFERENCE:**  
John Gelderman  
(612) 395-7000

**SERVICES PROVIDED:**

- Data Collection
- Traffic Operation Analysis
- Development and Analysis
- Preliminary Roadway Design/Concept Layout
- Meeting and Agency Coordination
- Project Documentation

**Project Description:**

Alliant Engineering supported CSM Corporation in assessing the feasibility of redeveloping the existing PACAL site located on the westerly side of TH 280 between Broadway Street and County Road B. As part of the feasibility study a comprehensive traffic operation and alternatives analysis was completed for TH 280, County Road B and Broadway Street.



*Proposed Improvements – Preferred Roadway Preliminary Design and Conceptual Layout*

**Roles and Responsibilities:**

Alliant Engineering conducted a traffic operation analysis using the SimTraffic software package. To support the traffic simulation, model calibration and alternatives analysis, Alliant Engineering collected traffic data and conducted field studies. Critical to the success of any commercial development is the location of access points and on-site/off-site traffic circulation. The alternatives analysis evaluated several access control strategies and locations, roadway improvement strategies and signal operation improvement techniques to address both the existing operation deficiencies and the expected traffic impacts of a proposed commercial development.



*SimTraffic Simulation of the Proposed Project and Preferred Alternative*

**End Result:**

In working closely with both CSM Corporation and Mn/DOT, a preferred site circulation and access point alternative was chosen that addressed roadway deficiencies, safety concerns and effectively served the proposed development. A conceptual roadway preliminary geometric design and project cost estimate was completed to support the feasibility analysis and decision-making.



*Regional Traffic Circulation and Travel Time Comparison per Access Alternative and Configuration*

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