



# TH 100 AT CSAH 152 SIGNAL DESIGN

## Brooklyn Center, MN

### CLIENT:

Minnesota Department of Transportation

### REFERENCE:

Mike Gerbensky, PE  
Mn/DOT Metro Signal Design Engineer  
(651) 634-2152

### SERVICES PROVIDED:

- Traffic Signal Design
- Pavement Design
- Pavement Striping Design
- Signal Justification

### CONSTRUCTION

**COST:**  
\$150,000

### Project Description:

Mn/DOT was turning the signal system at the intersection of the north ramps of TH 100 at CSAH 152 over to Hennepin County. Prior to the turnover Mn/DOT was to construct a new permanent signal system at the intersection, as well as making minor improvements to the existing medians and crosswalks. The signal was interconnected to the existing signals along CSAH 152 to the north.



### Roles and Responsibilities:

Alliant Engineering was responsible for the design of the new signal system and the interconnection of the proposed system to those located further upstream. The design of the signal system followed Hennepin County standards, since the intersection would become part of the county's system. Alliant prepared plans, special provisions, and engineer's estimate in accordance with Mn/DOT standards.

### End Result:

The new signal system was installed at the intersection. The signal now conforms to Hennepin County standards. Interconnection was made to the signals to the north, improving the progression of traffic along Brooklyn Boulevard.



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