

Work Type Definition: Temporary Traffic Control Plan Design & Special Provisions



I. Minimum requirements:

The work to be under the direct supervision of a Minnesota Professional Civil Engineer.

II. Description

A temporary traffic control plan includes development of a traffic management plan and assembly of all special provisions not addressed in the MnDOT Standard Specifications for Construction. Temporary traffic control plans may also include details for installation and operations of traffic signs, pavement markings, signals, lighting and intelligent transportation systems for control of traffic during construction or special events.

III. Standards and Specifications

Standards and specifications required for a project under this work type may include the following:

- A. The Plans, Special Provisions, and Engineer's Estimate will be accurate and in accordance with all Federal and Minnesota State standards.
- B. The deliverables will use the proper formats, symbols, abbreviations, etc.
- C. Plan sheets must be provided in hard copy and Microstation electronic files with proper level assignments.
- D. Text documents must be provided in Microsoft Word format.
- E. Spreadsheets must be provided in Microsoft Excel format.

IV. Provided by Hennepin County

Information to be supplied by Hennepin County for a project may include the following:

- A. Minnesota Statutes 169
- B. MN Manual on Uniform Traffic Control Devices (MN MUTCD)
- C. National Electrical Code
- D. MnDOT Traffic Engineering Manual
- E. MnDOT Standard Plates Manual
- F. MnDOT Standard Specifications for Construction
- G. MnDOT Time and Traffic Boiler Plate Special Provisions
- H. American Association of State Highway & Transportation Officials (AASHTO) Policy on Geometric Design for Streets and Highways
- I. American Association of State Highway & Transportation Officials (AASHTO) Roadside Design Guide
- J. AASHTO Standard Specifications for Structural Supports for Highway Signs, Luminaires, and Traffic Signals (2001)
- K. MnDOT Traffic Signal Design Manual
- L. MnDOT Signal Optimization and Timing Manual

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- M. MnDOT Traffic Signal Cell Library
- N. Sample Signal Plans
- O. Sample Signal Special Provisions
- P. Project meetings and coordination
- Q. Design standards of City or State if not a Hennepin County-operated traffic signal
- R. MnDOT Standard Signs Manual
- S. MnDOT Standard Specifications for Pavement Markings

V. Provided by Consultant

Deliverables to be supplied by the consultant for a project may include the following:

A temporary traffic control plan document that includes:

- a. A title sheet;
- b. Statement of estimated quantities;
- c. Traffic control devices data boxes tabulating all estimated quantities;
- d. Roadway plan sheets; and
- e. Temporary traffic control placement details.