

Special Conditions for Traffic Signal Installation (Span Wire or Mast Arm)

The following specifications shall apply when a permit applicant plans to install a new or impact any existing electronic traffic control device (traffic signal, overhead or ground mounted flashing beacons) within state trunkline right of way.

1. The applicant shall submit to MDOT's Region Traffic and Safety Engineer a request to install a new or modify an existing electronic traffic control device (including mast arm installation) prior to applying for a ROW permit. After the request has been approved by Region T&S/Lansing Traffic Signals Unit, the applicant shall only hire a design firm from department's prequalified list from which can be located at the following web site.

http://www.michigan.gov/documents/PreqByVd_63670_7.pdf

The applicant shall submit prequalification signal design plans to Traffic Signals Unit-Design in the Lansing Traffic & Safety Support Area. When the plans have been reviewed and approved, an email will be sent to the prequalified consultant by MDOT T&S notifying them of the approval. It will be up to the consultant to convey the complete approved design plan package (which includes but is not limited to all applicable special provisions) to the applicant. After the design has been approved, the applicant shall submit with the permit application a copy of the approved correspondence.

2. Once the applicant has received the approval letter, an application to conduct work within the ROW can be submitted to local TSC. The application package shall include the application, \$1500 inspection fee, permit fee, certificate of insurance, performance bond, plans, a copy of the approval letter from Lansing Traffic & Safety, and the identification of the electrical contractor installing the traffic signal
3. A copy of the signed permit with the name of the prequalified electrical contractor shall be forward to the MDOT-Lansing Traffic Signals office immediately by fax at (517) 373-2330.
4. Once the applicant receives the approved permit, the following conditions shall be acknowledged prior to commencing the permit activity:
 - a. Contact MDOT Statewide Signal Shop at 517-322-3360 at least 48 hours prior to any electrical signal inspection work that is to be completed.
 - b. For Mast Arm installations the following additional inspections are required:
 1. Contact the MDOT Structural Fabrication Engineer at the Construction and Technology Support Area (517-322-1235) two weeks prior to Fabricating the Mast Signal Arm and Pole. In addition, the contractor will be responsible for delivering an anchor bolt for testing prior to constructing the foundation. An anchor bolt will be sampled by an independent third party and delivered to the MDOT Construction and Technology Support Area.
 2. Contact the MDOT Structural Fabrication Engineer at the Construction and Technology Support Area (517-322-1235) after the Mast Signal Arm and Pole has been installed on the foundation anchor bolts. Installation shall be according to subsection 810.03N. of the 2003 MDOT Standard Specification for Construction.
 3. The applicant shall withhold partial payment of the installation from the contractor according to the Special Provision for Sign Support and Light standards 03SP810A.
5. After the completion of the permitted activity, the Statewide Signal Inspector will notify the TSC permit agent that the inspection has been complete.