

From Brenda O'Brien, Engineer of Construction and Technology

MDOT-Construction and  
Technology Division  
P.O. Box 30049  
Lansing, Michigan 48909  
Phone/517-322-1087  
Fax/517-322-5664  
www.michigan.gov/mdot/

Index: Traffic Control

Questions regarding this  
Construction Advisory should  
be directed to:

Brian Zimmerman, Work Zone  
Administrator, at  
517-322-6794 or  
zimmermanb@michigan.gov

## Traffic Actuation of Temporary Traffic Signals

When using trailer mounted temporary traffic signals on projects, review each site to determine if the temporary traffic signals should be required to be retrofit for traffic actuation.

Temporary traffic signals should be retrofit for actualization when any one or more of the following conditions exist on the projects site:

1. Traffic volumes that are low enough to create time periods when a vehicle would be held on a normally timed red signal where no opposing traffic is present.
2. Traffic volumes that are directional, where directional traffic may be stopped on a red indication before the entire queue can clear the signal.

Construction staff should work with region/TSC traffic and safety staff to determine if the temporary traffic signal location should be considered for actuation.

If it is determined the temporary traffic signal meets the requirements to be retrofit, advise the contractor of the required additions to the temporary traffic signal, and pay for the retrofit as a contract extra.

