

System Operations Advisory

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Traffic Actuation of Temporary Traffic Signals

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

Temporary traffic signals should be retrofit for actuation when any one or more of the following conditions exist on the project 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 Lansing, Region, TSC and Traffic & Safety staff to determine if the temporary traffic signal location should be considered for actuation.

If it is determined that 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.