



# TRAFFIC AND SAFETY MANUAL

## Chapter 4 – Signals 4E –Operation

### General

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Traffic signals shall be operated to provide safe and efficient traffic flow. Traffic conditions and crash history should be regularly (minimum every 2 years) reevaluated to determine if the traffic signal's operation should be modified or if the traffic signal should be replaced with alternate traffic control. (See Section 4B.02 of MUTCD)

Timing plans should provide for progressive traffic flow through adjacent signalized intersections. (See Section 4D.14 of MUTCD) Off peak operations should be evaluated when determining phasing and phasing should reflect the optimal operations for the entire day, not only peak traffic conditions. Operations causing frequent traffic queues on freeways shall not be permitted. Long delays on minor streets may be necessary to maximize arterial capacity and progression.

Operations should not be modified without notification and approval of the Office of Traffic and Safety, except in emergency situations. In emergency situations, timings may be modified by the local jurisdiction, provided the Office of Traffic and Safety is promptly notified.

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