



## ***City of Quincy Traffic Commission***

City of Quincy - City Hall  
730 Maine Street, Quincy Illinois  
(217)228-4527

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### **TRAFFIC COMMISSION GUIDELINES**

**Note:** The procedure described below is intended to provide guidance to the Traffic Commission in the evaluation of requests. It is intended to provide a benchmark in making recommendations; it should not be construed as to limit the discretionary authority of the Commission or the Quincy City Council in making subjective evaluations on a case-by-case basis.

**Date:** 12/13/06

**Revised:** \_\_\_\_\_

**Subject:      Request to Add Traffic Control Signals at City Intersections**

#### **Background:**

The Traffic Commission is frequently asked to review and add Traffic Control Signals at intersections throughout the City. This Traffic Commission Guideline has been created to document the proper and prudent way to address this issue.





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**Guideline Procedure:** After an official request to review and add Traffic Control Signals at an intersection within the City, the Traffic Commission will use the following guidelines:

1. Traffic Control Signals shall only be added at an intersection on the basis of an Engineering Study in accordance with the latest editions of the Manual on Uniform Traffic Control Devices (MUTCD) and the Institute of Transportation Engineers (ITE).
2. An engineering study of traffic conditions, pedestrian characteristics, and physical characteristics of the location shall be performed to determine whether installation of a Traffic Control Signal is justified at a particular location.
3. The investigation of the need for a Traffic Control Signal shall include an analysis of the applicable factors contained in the following traffic signal warrants and other factors related to existing operation and safety at the study location:
  - Warrant 1, Eight-Hour Vehicular Volume.
  - Warrant 2, Four-Hour Vehicular Volume.
  - Warrant 3, Peak Hour.
  - Warrant 4, Pedestrian Volume.
  - Warrant 5, School Crossing.
  - Warrant 6, Coordinated Signal System.
  - Warrant 7, Crash Experience.
  - Warrant 8, Roadway Network.

Note: The satisfaction of a Traffic Control Signal warrant or warrants shall not in itself require the installation of a Traffic Control Signal.

**General Guidance:** A Traffic Control Signal should not be installed unless one or more of the warrants are met. A Traffic Control Signal should not be installed unless an engineering study indicates that installing a Traffic Control Signal will improve the overall safety and/or operation of the intersection. A Traffic Control Signal should not be installed if it will seriously disrupt progressive traffic flow.

**Conclusion:** Following the Engineering Study the Traffic Commission will make a determination and then forward this information and their recommendation on to the Quincy City Council for either their approval or denial.