



Traffic Signal Design Manual

ORIGINATOR Director, Bureau of Highway Operations		6-1-8
CHAPTER 6	Signal Infrastructure Design	
SECTION 1	Permanent Signals	
SUBJECT 8	Intersection Lighting	

All state-maintained traffic signals **shall** have lighting installed as part of the signal installation. Refer to TEOpS 11-12-01 for guidance on lighting signalized intersections.

It is important to look at placement of light poles in medians so they are not obstructing the signal poles (near left signal poles).

All state-owned traffic signals **shall** have lighting installed as part of the signal installation. Light poles **shall** be placed to avoid obstruction of any signal indications. It is standard practice to install at least one luminaire per intersection approach. Luminaries **shall** be installed such that they illuminate the far side of the intersection for through movements. Additional luminaries *may* need to be installed to illuminate slotted left turn pockets, large-radius channelized right turns. The Regional Traffic Engineer **shall** be consulted regarding final intersection lighting design. Refer to TEOpS 11-05-01, Signalized Intersection Lighting.

Requests for decorative roadway lighting will be handled similar to requests for non-standard WisDOT equipment. Refer to TSDM 3-5-4 Community Sensitive Design.

The State Electrical Engineer **shall** be contacted for any questions regarding signalized intersection lighting.