



State of Wisconsin  
Department of Transportation

# Traffic Signal Design Manual

ORIGINATOR Director, Bureau of Highway Operations		5-4-2
CHAPTER 5	Signal Plan Format	
SECTION 4	Signal Plan Development Process	
SUBJECT 2	Permit Projects	

At times, signals or other roadway improvements are needed to mitigate adverse traffic impacts caused by land development. Signals that are designed and installed as a condition an Access Permit (DT1646) or Work On Highway Right-of-Way (DT1812) are referred to more generally as Permit Projects. Depending on the improvement program schedule, separate improvements that are required because of a development can be implemented through a let or non-let process, with cost-share provisions. Non-let projects can be performed by contract or State Forces. Signals that are warranted due to these situations are done so as part of a Traffic Impact Analysis (TIA).

Permit Project plan set will include:

1. Title Sheet
2. Signal Plan Set
3. Sequence of Operations Sheet
4. Miscellaneous Quantities
5. Special Provisions
6. Special Details
7. Standard Detail Drawings

Costs for State furnished materials and labor that are expended while overseeing Permit Projects *should* be assigned to the local municipality or developer responsible for the project. TEOpS 1-25-6, contains information on methods to bill other parties by establishing a Professional and Technical Services (P&T) project.

**SIGNAL PLAN DEVELOPMENT IN THE PERMIT PROCESS**  
 (Applies to permit projects only)

