



Traffic Signal Design Manual

ORIGINATOR Director, Bureau of Highway Operations		5-4-1
CHAPTER 5	Signal Plan Format	
SECTION 4	Signal Plan Development Process	
SUBJECT 1	Signals within Improvement Projects	

The PS&E review process is covered in FDM Chapter 3 and Chapter 19. Signal Plans that will require right-of-way acquisition, utility relocation, or railroad coordination may require greater coordination efforts. Approval of the traffic signal plan set at the Regional level is required to occur prior to the final submittal. The level of coordination between individuals developing the plan set and the regional traffic section is dependant on the project complexity.

Bureau of Project Development has set specific schedules for PS&E submittal. Chapter 19 of the *FDM* presents a detailed description of the review process, schedule/timing, and plan composition. The signal plan set within the PS&E *should* include the following sheets:

1. Plan Sheet(s)
2. Sequence of Operations Sheet
3. Cable routing sheet

And if applicable:

1. Temporary signal plan and timings
2. Temporary Sequence of Operations Sheet
3. Miscellaneous quantities for electrical items
4. Engineering estimate for electrical items
5. Special provisions pertaining to electrical items
6. Signal Removal plans
7. Details of non-standard items
8. List of SDDs, general construction notes, and construction details pertaining to electrical items

In cases where the maintaining authority is not the State (i.e. municipality, county, connecting highway), yet is installed through a state administered project on the local

system, Regional Traffic Engineers *may* provide a cursory plan review, however the ultimate maintaining authority will be responsible for the final design and approval.

Any questions regarding the approval process *should* be directed to the Bureau of Project Development.

Other necessary items that are part of the PS&E plan are the engineers' estimate (loaded into the WisDOT computer), plan letter and special provisions, and contract time for completion, etc., are the responsibility of the project manager.

SIGNAL PLAN DEVELOPMENT IN THE PS&E PROCESS (Applies to state-maintained signals only)

