

Traffic Signal Design

- Perform traffic signal inventory (as needed)
- Prepare traffic signal base plans
- Develop conceptual traffic signal plans for major design features
- Advise Structure and Bridge designer whether signal infrastructure needs to be included in bridge design
- Verify right of way or easement are provided for signal infrastructure
- Identify electrical power source
- Develop conceptual plans for traffic signal devices for schools, fire and rescue stations, etc.
- Coordinate with other design disciplines
- Update project budget estimates

Roadway / Interchange Lighting Design

- Perform lighting analysis
- Prepare lighting base plans
- Develop conceptual lighting plans for major design features
- Advise Structure and Bridge designer whether lighting infrastructure needs to be included in bridge design
- Verify right of way or easement are provided for lighting infrastructure
- Identify potential control center locations
- Coordinate with other design disciplines
- Update project budget estimates

TIMETABLE / LEVEL OF DETAIL

- Phase II Design activities occur after PFI and prior to the Public Hearing Team Meeting.
- Conceptual TCD designs are initiated.
- Impacts to Right of Way and Utilities are identified.

PUBLIC HEARING TEAM MEETING OUTPUT

- Discuss conceptual design plans of major features for TCDs.
- Submit updated project budget estimates.
- Confirm that estimated advertisement date is attainable.

2.2.4 Phase III Design**FIELD INSPECTION TEAM MEETING**

The Field Inspection (FI) is an inter-disciplinary team milestone meeting to allow managers/designers of different disciplines to review a current set of plans for a project. Example agencies participating in the Field Inspection Team Meeting may be Location & Design, Districts, Environmental, Right of Way / Utilities, the Maintaining Jurisdiction, Private Utility Companies and others as required by the project.

The purpose of the FI team meeting is to:

- Show all TCD infrastructure associated with the design.
- Identify all major features that might affect the right of way.
- Serves as the initial stage for acquisition of right of way.
- Serves as the initial stage for the development of final construction plans.