



TRAFFIC SIGNAL CONSTRUCTION

Department of Public Works, Development Services
200 East Santa Clara Street, San Jose, CA 95113
<http://www.sanjoseca.gov/publicworks/tds>
(408) 535-3555

Applicability

Construction or modification of a Traffic Signal by private development is generally a transportation mitigation identified during the Environmental Review portion of the Planning / Entitlement process.

Instructions

Preliminary Meeting with City Staff

Prior to starting your design, you are encouraged to request a kick-off meeting with City staff. Too often, time is wasted on a design which does not meet City requirements or objectives for the traffic signal. The process can be made significantly smoother and faster by investing some time up front with the staff who will be reviewing the design. It can also help avoid extra reviews fees when projects go beyond the standard three review cycles. Generally, most projects requiring traffic signal construction have been through the Planning Permit process, at which time a Public Works Project Engineer was assigned to the Project. If you already know the name of the PW Project Engineer, please contact him/her directly to discuss the traffic signal and schedule a meeting with the appropriate City staff. If you are unsure of the PW Project Engineer assigned to your project, please contact Development Services staff at (408) 535-7802 with your Planning Permit number, and we will look up the name of the Project Engineer assigned to your project.

Engineering Judgment

While the City has standards and guidelines, we also recognize that not all projects are the same. Many projects have constraints and issues unique to that location which must be dealt with using good engineering judgment. Our standards, details, guidelines, etc. are not meant to be a substitute for good engineering judgment. Please note that good engineering judgment also includes performing field checks and verifying existing conditions.

Standard Plan Sheets

As the Owner / Operator of these traffic control facilities, it is very important to have our plans prepared in a manner consistent across all of our projects. These plans are not only used by the Contractor during construction, but are also referenced extensively by City staff that perform maintenance and operation functions. The City has standardized the plan sheets to be used when preparing a traffic signal plan, and they are available on our website. Please ensure that your plans are prepared using our standard sheets.

Submittal Checklists

In order to *"Create an equitable process that ensures the submittal of all items needed to perform an efficient, effective, and timely review of Private Development projects"* we require that the traffic signal designer reviews our submittal checklist and indicates one of the following for each checklist item: the checklist item has been complied with; that the checklist item is not applicable in this situation; or provides a detailed explanation of why the compliance with the checklist item cannot be achieved. Plans will not be accepted without a completed checklist.

PG&E Service Point

The location of the PG&E service point can be critical to the design. It is expected that the traffic signal designer, or someone else authorized by the Developer, initiate discussions with PG&E early on in the process to determine the location of the service point and the voltage available. This is discussed in more detail in the submittal checklist.