



CONSTRUCTION INSPECTION OF TRAFFIC SIGNALS (PD-02)

COURSE OUTLINE

7:30 - 8:00 Registration & Self-Introductions

8:00 - 9:30 Plans and Specs

- Intersection Layout
- Legends & Abbreviations
- General and Project Notes
- Signal Equipment Schedule
- Phasing Diagram
- Conductor Schedule
- Service Equipment - Wiring Diagram
- Illuminated Overhead Signs

9:30 - 10:30 Interactive Exercise (Reading Plans)

10:30 - 10:45 Break

10:45 - 11:15 Design, Bids and Award

- Traffic Management and Control
- Bid Opening and Award

11:15 - 12:00 Pre-Construction

- Project Understanding
- Stakeholders Identification and Engagement
- Role Understanding
- Project Safety
- Contractor Responsibility

12:00 - 1:00 Lunch (on your own)



1:00 - 2:15 Traffic Signal Equipment

- Submittals
- Traffic Signal Poles
- Conduits
- Pull boxes - Wiring - Splicing
- Detection
- Traffic Signal and Service Cabinets
- Pedestrian Push Buttons - Types and Location
- Street Lights
- Pedestrian Ramps

2:15 - 2:45 State Standards

- Traffic Signal Standards
- Equipment Standards
- CA-MUTCD Standard

2:45 - 3:00 Break

3:00 - 3:30 Pedestrian and Bicycle Safety

- Pedestrian Path
- Bicycle Safety
- ADA Standards

3:30 - 4:00 Record Keeping

- Daily Logs for PM and Inspectors
- State, Federal or Private Funded Projects

4:00 - 4:15 Course Evaluations

4:15 - 5:00 Finals

- Testing
- Turn-on and Acceptance
- Punch List
- Finishing the Project