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