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