TECH TRANSFER

Traffic Signal Equipment: Basics of the Type 2070 Controller (TE-09)
COURSE OUTLINE

Day 1:

1. Registration & Introductions..8:00 – 8:30
2. History and Development of the Model 2070 ATC..........................8:30 – 8:45
3. Model 2070 options and hardware discussion.............................. 8:45 – 10:00
4. Break:... 10:00 – 10:15
5. Uses and implementation of the 2070 in the field .... 10:15 – 11:15
6. Material & Applications Quiz.. 11:15 – 11:30
7. Lunch.. 11:30 – 12:30
8. Local intersection software options from 3rd party vendors 11:00 – 11:30
9. Loading software and external programs into the 2070............ 12:30 – 1:30
10. Break..1:30 – 1:45
11. Menu-driven program orientation and navigation.........................1:45 – 3:45
12. Course Q&A ....3:45 – 4:00

Day 2:

1. Review of 2070 Hardware Modules and Cabinets ....8:00 – 8:45
2. Field communications to a central software system......................8:45 – 9:30
3. Field Channels vs. Vehicle Phases.. 9:30 – 10:00
4. Break .... 10:00 – 10:15
5. 2070 coordination using Federal timing standards (NTCIP) 10:15 – 11:00
6. 2070 controller timing export into MS Excel program .... 11:00 – 11:15
7. Field implementation issues with the 2070................................. 11:15 – 11:30
8. Lunch.. 11:30 – 12:30
9. Deploying the Model 2070 into a 332 cabinet.............................. 12:30 – 1:00
10. 2070 Field Masters / Local combination machines.........................1:00 – 1:30
11. Using Hyperterminal to review the 2070 file structure ....1:30 – 2:00
12. Break..2:00 – 2:30
13. Type 90 (NEMA) Implementation for TS1 & TS2 cabinets...........2:30 – 2:45
14. Course Quiz and Q&A..2:45 – 3:00
15. Course evaluation and certification...3:00 – 3:45