2070L ITS Controller

FEATURES

- Type 332 and 336 cabinet compatible
- ATC specification compliant
- TEES compliant
- Optional traffic control software
- Operating system software included
- 2070-1B CPU Module
- 8 x 40 front panel LCD display
- Async Serial Comm Module
- Power Supply Module (3.5 Amp)
- Optional VME cage assembly
- On-board diagnostic hardware and software with print option

Introducing the new Trafficware 2070L Traffic Controller based on the Advanced Transportation Controller (ATC) standard specification and the California DOT Transportation Electrical Equipment Specifications (TEES). This state of the art traffic controller is completely compatible with the Type 332 and 336 traffic cabinet currently utilizing CALTRANS 170/179 controllers. The 2070L can be loaded with factory-provided traffic controller software or is capable of operating using other available software code.
2070L ITS Controller

FEATURES
Direct replacement for 170 CU
Compliant with CALTRANS 2070N specifications
SDLC compatible communications
2 - RS232 connectors (Type 170 C2 and C20 connectors)
Ethernet interface for WAN applications using Cisco router

CONTROLLER FEATURES
NTCIP compatible database as well as communications
16 Phases, 4 timing rings / 16 programmable overlaps
Same controller can serve as a master AND local

COORDINATION
2 NTCIP coordination modes (fixed and floating force-offs)
7 additional coordination modes
5 modes of walk recycle during coordination
Adaptive splits (Critical Intersection Control)
48 patterns (unique cycle, offset, splits and sequence)
Shortway / longway transition using Begin or End Green

PREEMPTION
6 selectable fire or rail preempt programs
4 selectable transit programs
Return to coordinated phase after preempt

MEASURES OF EFFECTIVENESS
64 detector inputs provide volume / occupancy MOE’s
Occupancy-on-green allows local detectors to be used
Complete detector diagnostics built into the controller

TIME-OF-DAY / TRAFFIC RESPONSIVE / TRAFFIC ADAPATIVE
Action plans called by time-of-day
100 action plans selecting a pattern
3 auxiliary functions / 8 special outputs per plan
Day plan copy function
Manual control screen
Trafficware “Easy” scheduler for faster entry
Additional pattern based options and detector maps
Traffic responsive operation using on-street masters
CIC adaptive split algorithm