

Raul De Anda
555 Ramirez St Space 100
Los Angeles, CA 90012
(213) 847-2943
213 485 1532 Fax.
email- rdeanda@dot.lacity.org

Raul,

In an attempt to align the ITS Cabinet Housing #1 with the current Model 332 Cabinet and to operate the system as a Parallel Wired system I have prepared drawings to reflect some of the requirements.

The PDA Assembly will require some rework.

1. Remove the two Power Supplies at the bottom of the unit and replace them with one 24VDC power supply currently used in the LA 332 Cabinet system. Refer to the LA Cage Assembly drawing for the location.
2. The Power Distribution Assembly shall be 7" in height with drawings showing the front and rear of the assembly. The Terminals at the rear of the assembly will still be provided as shown in the current specification, except less height will be available. The 24/12VDC plug receptacle will be used to input the power to the unit. If this system is used in a larger system such as the Housing 3 application the Power Supplies currently required may be mounted in a housing and placed at the rear top of the cage assembly as shown in the LA Cage Assembly Drawing.
3. The Monitor system will require a Flash Sense output showing both Manual Flash and Monitor Flash conditions. Stop Time will have to be output when the CMU is in Fault condition. Drawings are provided to define the logic needed to accomplish these requirements.
4. The Logic required to provide Stop Time Output shall hold the system in Flash for 250ms after the Monitor is reset, and Stop Time is removed to prevent a "Green Flash" condition typically seen when the Signals Condition is restored. The controller is typically held in the output condition by Stop Time until the Monitor is reset.
5. The Watchdog signal will be input in the CMU Monitor Address A1 and when operated in the Parallel Mode the CMU will read the Controller Watchdog signal at this location. The C1 interconnect cable shall provide a link between C1 103 and the CMU address connector.

The PDA CDC connector shall be modified to output two additional signals. These are, Flasher Power and Door Ajar signals. Flasher Power is derived from the load side of one of the Dual Flasher Circuit breaker load outputs. When AC is present the breaker is in tact and Flasher Power is true. The Door Ajar signal is derived from the Front Door Switch input to the CC Connector pin 5. At the CDC Connector Pin 6 shall be