SLPS PCC 1743 Progress Report

STL PS 1743 Progress Report 2/26 to 3/4/16

Friday 2/26/16
Revised and corrected the connection diagram to revision D, converted it to jpg file and sent to Steve.

Saturday 2/27/13

1. Steve reported the following
   Contactor B1 - 6A to BC10, 26.4 Ω
   Contactor B2 - 3L to KM3 good
   Contactor B2 - 3L to PC8 open
   Contactor B1 - 3E and G are reversed on the connection diagram

Sunday 2/28/16

1. I reduced the length of the Connection Diagram so it prints on 4 pages instead of 5 and enlarged the Control Sequence

Monday 2/29/16

1. Drew the door motor on sheet 2 of the Auxiliary Circuits.

Tuesday, 3/1/16

1. Replaced original LB1 swing arm.
2. Resolved wiring problems Steve reported on Saturday
3. Removed 8 ohm ballast resistor

Thursday, 3/3/16

1. 600 volt wire 6 was spliced and heat shrink was installed at contactor B3 and at the ABR relay. At B3 the conductors were frayed, at the ABR relay the insulation was cracked and bare wires were showing.
2. Traced and labeled B6, 7A, D2, AA3 and 6A. Most of these wires are on the ABR relay
3. Marked up connection with corrections and revisions

Friday, 3/4/16

1. Ordered 8 ohm ballast resistor on line. The replacement resistor is 8” long and will have to be mounted in front of the Pilot Motor panel.
2. Revised and corrected the connection diagram to revision D, converted it to jpg file and sent to Steve.

Plans for Saturday, next week and the near future.

1. Complete wire tracing and labeling.
2. Verify integrity of wiring to toggle switches, fuses and fuse clips, wiring to DM and propulsion circuits to prevent low voltage problems from occurring in the future. Tighten connections and re-terminate wires if necessary
3. Install missing contact assembly on LB1.
4. Install 8 ohm ballast resistor
5. Isolate wiring that cannot be traced.
6. Complete the sequence test.
7. Retest the brakes and attempt to move car slowly in forward.
8. If the ABR relay does not work properly try adjusting it first, if that doesn’t work have the coil rewound.
9. Continue work on the auxiliary circuits drawings. As-Build the connection diagram when the car is running.