

# SLPS PCC 1743 Progress Report

## STL PS 1743 Progress Report 11/24/ to 12/5/15

### 12/2/15

1. Cleaned 2<sup>nd</sup> epoxy application off of motor clamps for truck 1.
2. Taped field cables for motors 3 & 4. Steve B and I Installed field cables on motors 3 & 4. Track and drum brakes were previously tested for continuity.
3. Moved streetcar back so that control section was over pit with chains and come along anchored to Boeing locomotive.
4. Measured original cable from LB1 side contact to C1 coil. Cable does not have continuity. Check continuity on C1 coil from terminals on side of coil and found it open. Should have cut coil leads and tested, coil ultimately measured 5.71K ohms.
5. Steve B and I went to streetcar shed and found other C1 contactor. Steve left for other obligations. Removed coil, tested, gave multiple coats of EL601 insulating varnish and dried with heat gun.

### 12/5/25

6. Reinstalled C1 with new coil and 600V coil wiring.
7. Made new jumper from LB1 wire 5 to C1 coil and 5A jumper to C1 coil. Installed jumper from 3A to 3B to bypass door interlocks.
8. Discussed Microsoft Viso drawing of Connection Diagram LL-8831510 with Teresa and showed her draft I printed at home. Sent her latest copy of Connection Diagram LL8831510 in progress.vsd and .dwg. Discussed possible ways she could print latest draft copy on 11" x 17" paper. Drawing is formatted 11" x 72".
9. Energized 600V to streetcar. MG started and batteries were charging. LB1 and C1 should have energized when MC was moved to switching position but did not. Plans were made to continue testing next Tuesday to determine the problem.