**Report of Electrical Tests**

**DATE \_\_\_ / \_\_\_/ \_\_\_ SHEET \_\_\_\_ OF \_\_\_\_\_**

**PROJECT NO. \_\_\_\_\_\_\_\_\_\_\_\_\_\_ COUNTY \_\_\_\_\_\_\_\_ ROUTE \_\_\_\_\_SECTION \_\_\_\_\_**

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| --- | --- | --- | --- | --- | --- | --- | --- |
| **Short Circuit Test 632.28(C)** | | | | **Circuit Continuity Test 632.28(D)**  **(Zero or Negligible Ohms Required)** | | | |
| **Pairs**  **Measured** | **Ohms** | **Pairs**  **Measured** | **Ohms** | **Pairs**  **Measured** | **Ohms** | **Pairs**  **Measured** | **Ohms** |
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**Report of Electrical Tests (continued)**

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| **Cable Insulation (Megger) Test 632.28(E)**  **(All Conductors of Cables**  **Jumpered Together)** | | |  | **Ground Test For Traffic Signals**  **632.28(B) and 625.19** | |
| **Locations**  **Cabinet/Pull box** | **Type of**  **Cable** | **MegOhms**  **10 Min.** |  | **Ground Rod Location:**  **Station of Pole or Cabinet** | **Resistance**  **Ohms** |
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| **Functional Test: 632.28(F)** | OK |
| Incoming AC 120 Volts ..................................................................................................... | □ |
| Cabinet Fan, Thermostat, Convenience Outlet, and Lamp Operation ............................. | □ |
| Controller timing set as per plan or approved by the Engineer ........................................ | □ |
| Switches ........................................................................................................................... | □ |
| Controller functions ........................................................................................................... | □ |
| Detector Units detect all vehicles, including small motorcycles\* ....................................... | □ |
| Detector Units do not give frequent extraneous calls ....................................................... | □ |
| Flash Switch Transfer ....................................................................................................... | □ |
| Monitor is not activated by normal operations .................................................................. | □ |
| Monitor is not activated by manipulation of cabinet switches ........................................... | □ |
| Monitor activated by artificial conflict ................................................................................ | □ |
| Signal transfers to flash when monitor is disconnected .................................................... | □ |

\*See **TEM Section 450-11.6.**