



INTERNATIONAL ROAD DYNAMICS INC.
702 - 43rd Street East Saskatoon, SK CANADA S7K 3T9
Phone (306) 653-6600 Fax: (306) 242-5599

4

- Site Service Report -

December 5, 2006

IRD SO#: 10785 LTPP Maintenance **IRD Ref:**
From: Don McCann **To:** ESS
Project Name: Colorado LTPP WIM
Project Location: Interstate 76 MP 39.7
Service Date(s): December 04, 2006
Weather: Sunny, 31° F

Job Description: Semi-annual maintenance check

Work Completed:

Electrically tested inductive loops, weighpads, power supply, back-up battery and phone line.

Visually inspected inductive Loops, Weighpads and roadway for any distress or cracking. No problems found.

Observed traffic in real time. Vehicles being classified properly and weights appear to be within limits. Unfortunately the two wheel drive vehicle rented for me was incapable of going into the ditch without getting stuck. Since the rental was parked within 100 meters of the weighpads, many trucks moved into the passing lane before reaching the pads. I did get about 10 trucks over the period of an hour that appeared OK. Tested modem communications operate OK.

Work Remaining: The Ion-X Advanced battery charger 1205-ET was found to be not producing any output voltage. The output voltage of this device should be approximately 13.5 volts but it is presently zero. Its input voltage was 122.1 VAC.

Parts Used: Modified a Radio Shack phone set to act as a butt-set.

Mileage / Travel Time: 76 Miles / 1.5 hours

Time Spent on Site: 3.5 hours

Notes: The Ion-X device should probably have been connected to the Solar voltage regulator in production, but it was not connected to any device within the cabinet.

Action Items:

Item	Action Required	Ownership
1.	Replace the Ion-X Advanced battery charger 1205-ET	ESS

