



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

**- Site Service Report -**

January 10, 2012

**IRD SO#: 11378**  
**From: Tim Weber**  
**Project Name: LTTP Bemidji, MN**  
**Project Location: Highway 2 Mile 91.5**  
**Service Date(s): Dec 20, 2011**

**IRD Ref:**  
**To: ESS**

**Job Description: LTTP lane has a loop issue.**

**Work Completed:**

- I opened the cabinet and looked at where the loops were plugged in.
- A couple of the loop leads pulled out when I tugged on them.
- I terminated the 2 lanes of loops into a new terminal strip.
- I tested the loops again and Loop 7 was still low.
- I cut the splice at the pull box and respliced the loop.
- It improved the loop to over 100 meg.
- I plugged in the terminal strip and changed the parameters back in software.
- The system looks good now.
- Head office wanted me to install the new LSM cards.
- I did that and wired up the isinc accordingly.
- I also changed the parameters in software.
- I was unable to generate vehicle records.
- Labeed dialed in and changed the frequencies of the loops but was still unable to get them to stay.
- After an hour of trying we gave up and I changed everything back to the old loop cards.
- We watched the lanes for a while and everything looks good.
- The following morning Labeed dialed in and downloaded the vehicle record file. He ran some reports on that lane and everything looks good.
- I will be sending the new LSM cards back to Saskatoon for testing.

**Work Remaining: Fill in holes on kistlers in lane # 1 which is the EB driving lane.**

**Mileage / Travel Time: 630MI / 9 hrs each direction**

**Time Spent on Site: 5 hours**

**Notes:**

<u>Action Items:</u>	<u>Action Required</u>	<u>Ownership</u>
1.	Add grout to top of sensors in lane 1 which is the eastbound driving lane	Tim Weber