



INTERNATIONAL ROAD DYNAMICS INC.

702 - 43rd Street East Saskatoon, SK CANADA S7K 3T9

Ph: (306) 653-6600 Fax: (306) 242-5599 www.irdinc.com

- Site Report -

Date: June 9, 2009

IRD Sales Order: 11013

To: ESS

From: John Folkerts

State: Minnesota

Project Name/Location: Bemidji – Highway 2 – LTPP

Service Date(s): February 24, 2009

Job Description: Site needs to have new battery and battery charger installed. Also need to check to temperature sensor, as it may need replaced as well.

Work Completed:

- Installed new battery and battery charger.
- Tested operation of backup battery system.
- System working fine. Battery measures out at 15.5 VDC.
- Check operation of temperature sensor.
- Sensor is in a handhole that I cannot open because of large amounts of snow on top of it. Conduit is also frozen solid. Sensor seems to stay at -2°C. It is probably frozen in ice and thus not changing as it should.
- I left the old sensor hooked up to UID 6.
- I hooked up a new sensor to UID 5 and set it in the bottom of the cabinet, against the concrete base.
- I programmed the iSINC to use UID 5 and tested the operation of the sensor.
- New sensor is working fine.

Work Remaining: In the spring, after the ice and snow is gone. We may be able to program iSINC back to using UID 6 and see if the old sensor will work again once it is thawed out.

Schedule Include Estimate to Complete (on-track, ahead, behind): N/A.

Parts Used:

Part Name	Part Number	Quantity Used
Battery		1
Battery Charger		1
Temperature Sensor		1

Pre-mature Equipment Failure: Sensor is probably frozen in ice, thus its failure. Battery charger may not have failed. Jorge Rubio has old charger which needs to be tested using a good battery.

Mileage / Travel Time: 675 miles. 11 hours travel + 4 hours onsite = 15 hours

Safety Concerns: None.

Issues Related to Sub-Contractors: N/A.



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Other Notes: None.

Action Items: None.

Item	Action Required	Ownership
1.		
2.		
3.		
4.		