



**INTERNATIONAL ROAD DYNAMICS INC.**  
 702 - 43rd Street East Saskatoon, SK CANADA S7K 3T9  
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**- Site Service Report -**

**IRD SO#: 10785J**  
**From: Bruce Myers**  
**Project Name: Delaware SPS-1, LTPP ID 100100**  
**Project Location: US 113**  
**Service Date(s): 01-31-2008**  
**Weather: Sunny 40 F**

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

**Job Description: Routine Maintenance (6 month)**

**Work Completed: Electrical checks of all in road sensors, A.C. power, back-up battery and phone service. All components passed electrical checks. Replaced KSM board for intermittent changing of UID address. Visual inspection of roadway showed no signs of deterioration.**

**Work Remaining: None**

**Parts Used: IRD Part No. 195212, Kistler Sensor Module**

**Mileage / Travel Time: 388 miles / 7 hours**

**Time Spent on Site: 2 hours**

**Notes: See electrical readings on page 2**

**Action Items:**

Item	Action Required	Ownership
1.		



**IRD**  
Site Service Sheet

Clear

System Type: iSINC / Kistler Quartz

Date: 1/31/2008 State: DE Location: US 113 South Bound  
Job #: 10407J Site #: \_\_\_\_\_ Directions: 450 ft. North of W. Robbins Road

Loops	Lane	Lead	Trail	Lead	Trail				
	1	1							
Resistance		1.7 ohms	1.8 ohms						
Leakage		inf	inf						
Inductance uH									
Frequency									

Kistler	Lane - 1	Lead	Lead	Trail	Trail				
Amplitude		OK	OK	OK	OK				
Capacitance		7.6 nF	6.8 nF	7.3 nF	6.5 nF				
Resistance		inf.	inf.	inf.	inf.				
Serial #		1581608	1602689	1581116	1597943				

Kistler	Lane - 2								
Amplitude									
Capacitance									
Resistance									
Serial #									

Piezo	Lane - 3								
Amplitude									
Capacitance									
Resistance									
Serial #									

Kistler	Lane - 4								
Amplitude									
Capacitance									
Resistance									
Serial #									

System	
A/C Service	120.0
Power Supply	
Solar Panel	
Back-Up	15.5
System Input	
Modem Power	
Phone off	9.8 Vdc
Phone on	51.4 Vdc

Technician: Bruce Myers Date: 1/31/2008