



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

- Site Service Report -

IRD SO#: 10785K
From: Steven Schroeder
Project Name: Pennsylvania LTPP
Project Location: I-80 MM 157
Service Date(s):10-15-07
Weather: sunny, 65 F

Job Description: Routine Site Maintenance

Work Completed: Performed an electrical check on all sensors. Peformed visual inspection of sensors in roadway. Verified calibration with test trucks (calibrating newly installed lanes in EB direction). Observed real time output for proper vehicle classification. Replaced all solder sleeves on Kistler leads.

Work Remaining: none

Parts Used: 8 solder sleeves

Mileage / Travel Time: n/a

Time Spent on Site: 2.5 hour

Notes:

Action Items:

| Item | Action Required | Ownership |
|------|-----------------|-----------|
| 1. | | |



IRD

Site Service Sheet

Clear

System Type: iSINC / Kistler Quartz

Date: 10/15/2007 State: PA Location: Milesburg PA
 Job #: 10785K Site #: _____ Directions: I-80 WB Mile Post 158.2

| | Lead | Trail | | | | | | |
|---------------|-------------|-------------|-------------|--|--|--|--|--|
| Loops | Lane | 4 WB | 4 WB | | | | | |
| Resistance | 1.2 | 1.1 | | | | | | |
| Leakage | inf | inf | | | | | | |
| Inductance uH | 133.0 | 130.0 | | | | | | |
| Frequency | | | | | | | | |

| Kistler | Lane - 1 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
|----------------|-----------------|----------|----------|----------|----------|----------|----------|----------|----------|
| Amplitude | | | | | | | | | |
| Capacitance | | | | | | | | | |
| Resistance | | | | | | | | | |
| Serial # | | | | | | | | | |

| Kistler | Lane - 2 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
|----------------|-----------------|----------|----------|----------|----------|----------|----------|----------|----------|
| Amplitude | | | | | | | | | |
| Capacitance | | | | | | | | | |
| Resistance | | | | | | | | | |
| Serial # | | | | | | | | | |

| Piezo | Lane - 3 | 1 | | | | | | | |
|--------------|-----------------|----------|--|--|--|--|--|--|--|
| Amplitude | | | | | | | | | |
| Capacitance | | | | | | | | | |
| Resistance | | | | | | | | | |
| Serial # | | | | | | | | | |

| Kistler | Lane - 4 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
|----------------|-----------------|----------|----------|----------|----------|----------|----------|----------|----------|
| Amplitude | | OK | OK | OK | OK | | | | |
| Capacitance | | 14.6 nF | 14.3 nF | 14.9 nF | 14.5 nF | | | | |
| Resistance | | 10 11 | 10 11 | 10 11 | 10 11 | | | | |
| Serial # | | | | | | | | | |

| System | |
|---------------|----------|
| A/C Service | N/A |
| Power Supply | |
| Solar Panel | 19.1 vdc |
| Back-Up | 13.4 vdc |
| System Input | |
| Modem Power | 13.4 vdc |
| Phone off | |
| Phone on | |

Software
System iSINC

Site Full Operating Capacity Pass ?
Fail

Technician: Steven Schroader Date: 10/15/2007