



**INTERNATIONAL ROAD DYNAMICS INC.**

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**- Site Service Report -**

Date: June 10, 2009

**IRD SO.: 10407cw**

**IRD Contract No.:**

**From: Bryan Knight**

**To: Greg Felsing**

**Project Name/Location: Kingma, AZ LTTP I-93 N MP-52**

**Service Date(s): February 1 2007**

**Job Description:** Requested to go on-site and replace SSM card with new rev version and contact Ian Meier prior to troubleshooting. Spent my time onsite assisting Ian while he monitored and collected data remotely for diagnostics. No SSM activity could be seen when traffic crossed the Bending Plates. Tried the following per Ian's request.....

- Verified Incoming TB wiring and voltages for the Bending Plates were good.
- Swapped SSM ribbon cable between TB backplane and card. No change
- Swapped incoming Piezo and Bending Plate TB connections to isolate possible TB fault. No change
- Swapped SSM and PSM slot positions and ribbon cable connections. Ian reported intermittent good axle hits.

Suspect bad SSM slot was cause of initial issue affecting site. Further data analysis showed excessive ringing on sensor two (2) and has been disabled until root cause can be determined.

**Work Remaining:** Need to plan a course for corrective action to address the excessive ringing issue.

**Parts Used:** None

**Mileage / Travel Time:** Travel 3Hrs Onsite 4Hrs

Travel Kingman to Phoenix 3.5 Hrs

**Notes:**

**Action Items:**

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