

<p align="center">SHEET 15 LTPP TRAFFIC DATA</p> <p align="center">LOG OF CHANGES AT GPS TEST LOCATIONS WITH PERM. AVC OR WIM</p>	*STATE ASSIGNED ID	[P01]
	*STATE CODE	[53]
	*SHRP SECTION ID	[6020]

LOCATION SR 2 TYPE EQUIP. Piezo (Class 1)

MP # 112.5 MODEL # IRD 1060

DATE OF CHANGE	TIME OF CHANGE	DESCRIPTION OF CHANGE	PERSON MAKING CHANGE	PHONE #	NEW EQUIP. SERIAL #
					9306-2546
02/20/01		Installed new software upgrades- axle sensors are bad and loop 3 is open. This site will be reinstalled as soon as the chip seal is complete this spring or summer. – Ken Lakey	KEN LAKEY		

03/21/01		<p>21 March 2001 -- Cashmere WIM (P01) Was High errors, EB drive lane per polling report. 7-card less than 4-card per SAS graphic.</p> <p><u>Analysis of SAS Graph and P01.TXT File</u> Graph shows only 80% of classified trucks are being weighed. TXT file shows numerous "zero axles detected" and "on sensor too long" errors. Again, no help from .TXT, since these types of errors could be expected to result in unable-to-classify vehicles.</p> <p>(Tony, is the important-to-me data being filtered out from your .TXT files?)</p> <p><u>On Site Analysis of Equipment and Road Hardware</u> Found "FHWA" set as classification scheme in "Data File Utilities" menu.</p> <p>EB drive lane is giving lots of "zero-" and "one-axle detected" errors with cars. Gives "significant weight difference" and "unequal axles detected" errors with trucks. The latter two would explain SAS trucks-not-weighed problem. (The former two errors result in unclassified vehicles.)</p> <p>EB drive lane, both brass linguini axle sensors are exposed, with epoxy breaking away from sensors.</p> <p>Running WEIGHTST.EXE shows EB drive upstream (absolute #1) piezo resonates after axle hit, but is usable. Downstream sensor (absolute #2) in that lane has failed. Disabled EBD downstream piezo in software.</p> <p>WB drive and pass lane piezos were out-of-balance. Recalibrated.</p> <p><u>Now</u> All good data continues all lanes except EB drive. EB drive fair data beginning 22 March 2001, with the exception that cars/pickups often give "zero axles detected" error. Trucks seem to be okay EB drive. – Rich Rempfer</p>	RICH REMPFER		
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03/29/01		<p>Cashmere P01... Eastbound drive lane; found both piezos were broke where epoxy had broken away from piezos. Recut and installed new class one piezos. Reconfigured distances in 1060 software.</p> <p>Tuesday 3/27/01 Cashmere... Westbound drive lane.. Repaired area breaking away on single piezo. Recalibrated weights on eastbound piezos installed previous day. Rich, since epoxy may still be setting I don't know how accurate this calibration will be. – Ken Lakey</p>	KEN LAKEY		