

SHEET 15 LTPP TRAFFIC DATA LOG OF CHANGES AT GPS TEST LOCATIONS WITH PERM. AVC OR WIM	*STATE ASSIGNED ID	[P7C)
	*STATE CODE	[53]
	*SHRP SECTION ID	[0201]

LOCATION SR 395 TYPE EQUIP. _____

MP # 91.0 MODEL # IRD

DATE OF CHANGE	TIME OF CHANGE	DESCRIPTION OF CHANGE	PERSON MAKING CHANGE	PHONE #	NEW EQUIP. SERIAL #
10/24/01		Ritzville 2 (P7C) site needs PM.	Ken Lakey		
10/31/01		Ritzville 2 P7C. Epoxy breaking out of axle sensor northbound drive lane. Loops need re-seal. Repaired axle sensor and resealed loops with tar.	Ken Lakey		
11/07/01		Ritzville #2 (P7C) <u>Was</u> No problem reported. Routine maintenance visit. <u>Action</u> It appears some loop sealing has been done, but this is only partially complete. Where there is loop sealant, in some places it has already cracked open. Need to finish sealing loops, and seal or re-expoxy axle sensors, especially northbound. Water/ice may cause problems with our road hardware this winter if we don't attend to this. <u>Now</u> All good data continues.	Rich Rempfer		
12/11/01		Was: Temp. sensor reading wrong. Action: Bad temp. sensor. need to replace. Now: Good axle class, no good weight until replacing temp. sensor. (RR/HN) (Temp readings now show -58 after sensor was disabled)	Rich Rempfer / Hoang Nguyen Tom Newman		

SHEET 16

LTPP MONITORED TRAFFIC DATA

SITE CALIBRATION SUMMARY

*STATE ASSIGNED ID

[P7C]

*STATE CODE

[53]

*SHRP SECTION ID

[0200]

SITE CALIBRATION INFORMATION

1. * DATE OF CALIBRATION (MONTH/DAY/YEAR)

[09/20/2001]

2. * TYPE OF EQUIPMENT CALIBRATED

R WIM

CLASSIFIER

✓ BOTH

3. * REASON FOR CALIBRATION

X REGULARLY SCHEDULED SITE VISIT

RESEARCH

EQUIPMENT REPLACEMENT

TRAINING

DATA TRIGGERED SYSTEM REVISION

NEW EQUIPMENT INSTALLATION

X OTHER (SPECIFY) NB/SB DIR

4. * SENSORS INSTALLED IN LTPP LANE AT THIS SITE (CHECK ALL THAT APPLY):

BARE ROUND PIEZO CERAMIC

BARE FLAT PIEZO

BENDING PLATES

CHANNELIZED ROUND PIEZO

LOAD CELLS

QUARTZ PIEZO

X CHANNELIZED FLAT PIEZO

X INDUCTANCE LOOPS

CAPACITANCE PADS

OTHER (SPECIFY) _____

5. EQUIPMENT MANUFACTURER

INTERNATIONAL ROAD DYNAMICS (IRD)

WIM SYSTEM CALIBRATION SPECIFICS**

6.** CALIBRATION TECHNIQUE USED:

X TRAFFIC STREAM -- STATIC SCALE (Y/N)

TEST TRUCKS

NUMBER OF TRUCKS COMPARED

NUMBER OF TEST TRUCKS USED

PASSES PER TRUCK

TRUCK	TYPE	SUSPENSION
1	_____	_____
2	_____	_____
3	_____	_____

TYPE PER FHWA 13 BIN SYSTEM

SUSPENSION: 1 - AIR; 2 - LEAF SPRING

3 - OTHER (DESCRIBE)

7. SUMMARY CALIBRATION RESULTS (EXPRESSED AS A PERCENT)

MEAN DIFFERENCE BETWEEN ---

DYNAMIC AND STATIC GVW

STANDARD DEVIATION

DYNAMIC AND STATIC SINGLE AXLES

STANDARD DEVIATION

DYNAMIC AND STATIC DOUBLE AXLES

STANDARD DEVIATION

8. _____ NUMBER OF SPEEDS AT WHICH CALIBRATION WAS PERFORMED

9. DEFINE THE SPEED RANGES USED (MPH) _____

10. CALIBRATION FACTOR (AT EXPECTED FREE FLOW SPEED) 0.47001

11.** IS AUTO-CALIBRATION USED AT THIS SITE? (Y/N) Y

IF YES, LIST AND DEFINE AUTO-CALIBRATION VALUE: _____

CLASSIFIER TEST SPECIFICS***

12.*** METHOD FOR COLLECTING INDEPENDENT VOLUME MEASUREMENT BY VEHICLE CLASS:

VIDEO

MANUAL

X PARALLEL CLASSIFIERS

13. METHOD TO DETERMINE LENGTH OF COUNT

X TIME

NUMBER OF TRUCKS

14. MEAN DIFFERENCE IN VOLUMES BY VEHICLES CLASSIFICATION:

*** FHWA CLASS 9

FHWA CLASS

*** FHWA CLASS 8

FHWA CLASS

FHWA CLASS

FHWA CLASS

*** PERCENT "UNCLASSIFIED" VEHICLES: _____

PERSON LEADING CALIBRATION EFFORT:

CONTACT INFORMATION: TONY NIEMI (360) 570-2392

rev. November 9, 1999

SEP 16 2003

03-DEC-2008

SHRP LTPP IMS

TRF.SHEET.16

Monitored Traffic Data Sheet 16

UR 08.07

State Code 53

SHRP ID 0200

Calibration Date 09/20/2001 (mm/dd/yyyy)

Site Calibration Information

2. Type of equipment calibrated ☒ WIM ☐ Classifier ☐ Both ☐ Unknown

3. Reason for calibration Other Regularly scheduled site visit

Other (specify) NB/SB DIR

4. Sensors Installed in LTPP lane at this site (check all that apply)

Bending Plates (Y/N) ☐ NInductance Loops (Y/N) ☒ YSensors Ltp Load Cells (Y/N) ☐ NCapacitance Pads (Y/N) ☐ NQuartz Piezo (Y/N) ☐ NOther (Y/N) ☐ N

Other (specify)

Piezo Cable Type Channelized Flat

5. Equipment Manufacturer

WIM

IRD

AUC