

SHEET 12 LTPP TRAFFIC DATA CLASSIFICATION DATA TRANSMITTAL FORM	*STATE ASSIGNED ID [410]
	*STATE CODE [42]
	*SHRP SECTION ID [1597.]

HIGHWAY RT. NO. (THIS COUNT) PA 49

MILEPOST NO. OR LOCATION (THIS COUNT) Segment 0530

FILENAME: C421597.C1E DISK ID _____

BEGINNING DATE 01/01/04 BEGINNING TIME 12:00 am

ENDING DATE 03/31/04 ENDING TIME 11:59 pm

COUNT DURATION 91 [] HOURS [X] DAYS [] MONTHS

VEHICLE CLASSIFICATION METHOD: FHWA X OTHER _____

NAME OF AGENCY CLASSIFICATION SCHEME: _____ NO. OF BINS

NOTE: IF NOT PREVIOUSLY PROVIDED TO SHRP/LTPP, PLEASE ATTACH SHEET 6 DESCRIBING THE VEHICLE CLASSIFICATION CATEGORIES AND ALSO ATTACH SHEET 7 DESCRIBING HOW THE AGENCY WOULD CONVERT ITS CLASSIFICATION SCHEME TO THE FHWA 13 BIN SYSTEM.

TYPE OF AVC EQUIPMENT: PORTABLE _____ PERMANENT X

EQUIPMENT MAKE/MODEL# PAT DAW 100

SENSOR TYPE PIEZO

ADJUSTMENT FACTORS FOR ESTIMATING AVERAGE ANNUAL VOLUMES BY CLASSIFICATION:

GENERAL FACTORS: ATR continuous counts used to develop seasonal adjustment factors which are applied to all 24 hour raw counts by month and by day of week.

CLASS SPECIFIC FACTORS (PROVIDE BY CLASS OF CLASS GROUPS) NA

COMMENTS :

FILL OUT ONE TRANSMITTAL SHEET FOR EACH DATA FILE SUBMITTED.

NAME OF PREPARER <u>John Parker</u>	PHONE <u>717-346-9973</u>
DATE PREPARED <u>September 2004</u>	revised: May 23, 2001

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	*SHRP SECTION ID	[1597]

HIGHWAY RT. NO. (THIS COUNT) PA 49

MILEPOST NO. OR LOCATION (THIS COUNT) Segment 0530

FILENAME: C421597.F1E DISK ID

BEGINNING DATE 4/1/04 BEGINNING TIME 12:00 am

ENDING DATE 5/12/04 ENDING TIME 11:59 pm

COUNT DURATION 42 [] HOURS [X] DAYS [] MONTHS

VEHICLE CLASSIFICATION METHOD: FHWA X OTHER

NAME OF AGENCY CLASSIFICATION SCHEME: NO. OF BINS

NOTE: IF NOT PREVIOUSLY PROVIDED TO SHRP/LTPP, PLEASE ATTACH SHEET 6 DESCRIBING THE VEHICLE CLASSIFICATION CATEGORIES AND ALSO ATTACH SHEET 7 DESCRIBING HOW THE AGENCY WOULD CONVERT ITS CLASSIFICATION SCHEME TO THE FHWA 13 BIN SYSTEM.

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COMMENTS : : Last Calibration was May 2001. See previous 1st quarter Sheet 16

FILL OUT ONE TRANSMITTAL SHEET FOR EACH DATA FILE SUBMITTED.

NAME OF PREPARER	<u>John Parker</u>	PHONE	<u>717-346-9973</u>
DATE PREPARED	<u>09/30/04</u>	revised: May 23, 2001	

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HIGHWAY RT. NO. (THIS COUNT) PA 49

MILEPOST NO. OR LOCATION (THIS COUNT) Segment 0530

FILENAME: C421597.GIE DISK ID

BEGINNING DATE 5/21/04 BEGINNING TIME 12:00 am

ENDING DATE 6/30/04 ENDING TIME 11:59 pm

COUNT DURATION 41 [] HOURS [X] DAYS [] MONTHS

VEHICLE CLASSIFICATION METHOD: FHWA X OTHER

NAME OF AGENCY CLASSIFICATION SCHEME: NO. OF BINS

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COMMENTS : : Last Calibration was May 2001. See previous 1st quarter Sheet 16

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NAME OF PREPARER <u>John Parker</u>	PHONE <u>717-346-9973</u>
DATE PREPARED <u>09/30/04</u>	revised: <u>May 23, 2001</u>

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HIGHWAY RT. NO. (THIS COUNT) PA 49

MILEPOST NO. OR LOCATION (THIS COUNT) Segment 0530

FILENAME: C421597.I1E DISK ID _____

BEGINNING DATE 7/1/04 BEGINNING TIME 12:00 am

ENDING DATE 9/30/04 ENDING TIME 11:59 pm

COUNT DURATION 92 [] HOURS [X] DAYS [] MONTHS

VEHICLE CLASSIFICATION METHOD: FHWA X OTHER _____

NAME OF AGENCY CLASSIFICATION SCHEME: _____ NO. OF BINS

NOTE: IF NOT PREVIOUSLY PROVIDED TO SHRP/LTPP, PLEASE ATTACH SHEET 6 DESCRIBING THE VEHICLE CLASSIFICATION CATEGORIES AND ALSO ATTACH SHEET 7 DESCRIBING HOW THE AGENCY WOULD CONVERT ITS CLASSIFICATION SCHEME TO THE FHWA 13 BIN SYSTEM.

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COMMENTS :

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NAME OF PREPARER <u>John Parker</u>	PHONE <u>717-346-9973</u>
DATE PREPARED <u>10/20/04</u>	revised: May 23, 2001

SHEET 12 LTPP TRAFFIC DATA CLASSIFICATION DATA TRANSMITTAL FORM	*STATE ASSIGNED ID [410]
	*STATE CODE [42]
	*SHRP SECTION ID [1597]

HIGHWAY RT. NO. (THIS COUNT) PA 49

MILEPOST NO. OR LOCATION (THIS COUNT) Segment 0530

FILENAME: C421597.L1E DISK ID _____

BEGINNING DATE 10/1/04 BEGINNING TIME 12:00 am

ENDING DATE 12/13/04 ENDING TIME 11:59 pm

COUNT DURATION 73 [] HOURS [X] DAYS [] MONTHS

VEHICLE CLASSIFICATION METHOD: FHWA X OTHER _____

NAME OF AGENCY CLASSIFICATION SCHEME: _____ NO. OF BINS

NOTE: IF NOT PREVIOUSLY PROVIDED TO SHRP/LTPP, PLEASE ATTACH SHEET 6 DESCRIBING THE VEHICLE CLASSIFICATION CATEGORIES AND ALSO ATTACH SHEET 7 DESCRIBING HOW THE AGENCY WOULD CONVERT ITS CLASSIFICATION SCHEME TO THE FHWA 13 BIN SYSTEM.

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NAME OF PREPARER <u>John Parker</u>	PHONE <u>717-346-9973</u>
DATE PREPARED <u>1/4/05</u>	revised: May 23, 2001

SHEET 13 LTPP TRAFFIC DATA VEHICLE WEIGHT DATA TRANSMITTAL FORM	*STATE ASSIGNED ID	[410]
	*STATE CODE	[42]
	*SHRP SECTION ID	[1597]

HIGHWAY RT. NO. (THIS SESSION) PA-49

MILEPOST NO. OR LOCATION (THIS SESSION) Segment 0530

FILENAME W421597.C1E DISK ID _____

BEGINNING DATE 01/01/04 BEGINNING TIME 12:00 am

ENDING DATE 03/31/04 ENDING TIME 11:59 pm

COUNT DURATION 91 [] HOURS [X] DAYS [] MONTHS

WEIGHT SCALE TYPE: PORT. WIM _____ PERM. WIM X OTHER _____

EQUIPMENT MAKE/MODEL# PAT DAW 100

SENSOR TYPE PIEZO

VEHICLE CLASSIFICATION METHOD:

7-card FHWA 13 bin in cols. 18-19 _____ 7-card FHWA 13 bin in cols. 22-23
 7-card 6 digit Truck Weight study _____ W-card X OTHER _____

NAME OF AGENCY CLASSIFICATION SCHEME: _____ NO. OF BINS _____

NOTE: IF NOT PREVIOUSLY PROVIDED TO SHRP/LTPP, PLEASE ATTACH SHEET 6 DESCRIBING THE VEHICLE CLASSIFICATION CATEGORIES AND ALSO ATTACH SHEET 7 DESCRIBING HOW THE AGENCY WOULD CONVERT ITS CLASSIFICATION SCHEME TO THE FHWA 13 CLASS SYSTEM.

METHOD OF CALIBRATION AND FREQUENCY: Test trucks, Spring and Fall

COMMENTS: See Sheet 16 for additional calibration information

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NAME OF PREPARER <u>John Parker</u>	PHONE: <u>717-346-9973</u>
DATE PREPARED <u>September 2004</u>	revised May 23, 2001

SHEET 13 LTPP TRAFFIC DATA VEHICLE WEIGHT DATA TRANSMITTAL FORM	*STATE ASSIGNED ID	[410]
	*STATE CODE	[42]
	*SHRP SECTION ID	[1597]

HIGHWAY RT. NO. (THIS SESSION) PA

MILEPOST NO. OR LOCATION (THIS SESSION) Segment 0530

FILENAME W421597.F1E DISK ID _____

BEGINNING DATE 04/01/04 BEGINNING TIME 12:00
am _____

ENDING DATE 05/12/04 ENDING TIME 11:59
pm _____

COUNT DURATION 42 [] HOURS [X] DAYS [] MONTHS

WEIGHT SCALE TYPE: PORT. WIM _____ PERM. WIM X OTHER _____

EQUIPMENT MAKE/MODEL# PAT DAW 100

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METHOD OF CALIBRATION AND FREQUENCY: Test trucks, Spring and Fall

COMMENTS: Last Calibration was May 2001. See previous 1st quarter Sheet 16

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NAME OF PREPARER <u>John Parker</u>	PHONE: <u>717-346-9973</u>
DATE PREPARED <u>09/30/04</u>	revised May 23, 2001

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	*SHRP SECTION ID	[1597]

HIGHWAY RT. NO. (THIS SESSION) PA 49

MILEPOST NO. OR LOCATION (THIS SESSION) Segment 0530

FILENAME W421597.GIE DISK ID _____

BEGINNING DATE 05/21/04 BEGINNING TIME 12:00 am

ENDING DATE 06/30/04 ENDING TIME 11:59 pm

COUNT DURATION 41 [] HOURS [X] DAYS [] MONTHS

WEIGHT SCALE TYPE: PORT. WIM _____ PERM. WIM X OTHER _____

EQUIPMENT MAKE/MODEL# PAT DAW 100

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METHOD OF CALIBRATION AND FREQUENCY: Test trucks, Spring and Fall

COMMENTS: Last Calibration was May 2001. See previous 1st quarter Sheet 16

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NAME OF PREPARER <u>John Parker</u>	PHONE: <u>717-346-9973</u>
DATE PREPARED <u>10/20/04</u>	revised May 23, 2001

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COUNT DURATION 73 [] HOURS [X] DAYS [] MONTHS

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METHOD OF CALIBRATION AND FREQUENCY: Test trucks, Spring and Fall

COMMENTS: See Sheet #16 for more detailed calibration information

FILL OUT ONE TRANSMITTAL SHEET FOR EACH DATA FILE SUBMITTED.

NAME OF PREPARER <u>John Parker</u>	PHONE: <u>717-346-9973</u>
DATE PREPARED _____	revised May 23, 2001

Entered March 12, 2007

SHEET 16 LTPP MONITORED TRAFFIC DATA SITE CALIBRATION SUMMARY	*STATE ASSIGNED ID [410] *STATE CODE [42] *SHRP SECTION ID [1597]
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SITE CALIBRATION INFORMATION

1. * DATE OF CALIBRATION (MONTH/DAY/YEAR) [11 /04 /04]

2. * TYPE OF EQUIPMENT CALIBRATED ☒ WIM ☐ CLASSIFIER ☒ BOTH

3. * REASON FOR CALIBRATION
☒ REGULARLY SCHEDULED SITE VISIT ☐ RESEARCH
☐ EQUIPMENT REPLACEMENT ☐ TRAINING
☐ DATA TRIGGERED SYSTEM REVISION ☐ NEW EQUIPMENT INSTALLATION
☐ OTHER (SPECIFY) _____

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
☒ CHANNELIZED FLAT PIEZO ☒ INDUCTANCE LOOPS ☐ CAPACITANCE PADS
☐ OTHER (SPECIFY) _____

5. EQUIPMENT MANUFACTURER PAT DAW 100

WIM SYSTEM CALIBRATION SPECIFICS**

6.** CALIBRATION TECHNIQUE USED:
☐ TRAFFIC STREAM -- ☐ STATIC SCALE (Y/N) ☒ TEST TRUCKS

☐ NUMBER OF TRUCKS COMPARED ☐ 1 NUMBER OF TEST TRUCKS USED

☐ 10 PASSES PER TRUCK
TRUCK TYPE SUSPENSION
TYPE PER FHWA 13 BIN SYSTEM 1 _____ 1
SUSPENSION: 1 - AIR; 2 - LEAF SPRING 2 _____
3 - OTHER (DESCRIBE) 3 _____

7. SUMMARY CALIBRATION RESULTS (EXPRESSED AS A PERCENT)
MEAN DIFFERENCE BETWEEN --- See attached calibration form
DYNAMIC AND STATIC GVW -0.1 STANDARD DEVIATION 2.8
DYNAMIC AND STATIC SINGLE AXLES -0.2 STANDARD DEVIATION 2.06
DYNAMIC AND STATIC DOUBLE AXLES 3.2 STANDARD DEVIATION 0.86

8. 2 NUMBER OF SPEEDS AT WHICH CALIBRATION WAS PERFORMED

9. DEFINE THE SPEED RANGES USED (MPH) 56, 57
 See attached calibration form

10. CALIBRATION FACTOR (AT EXPECTED FREE FLOW SPEED) Not known **SCANNED**

11.** IS AUTO-CALIBRATION USED AT THIS SITE? (Y/N) N
IF YES, LIST AND DEFINE AUTO-CALIBRATION VALUE: _____ **FEB 10 2009**

CLASSIFIER TEST SPECIFICS***

12.*** METHOD FOR COLLECTING INDEPENDENT VOLUME MEASUREMENT BY VEHICLE CLASS:
☐ VIDEO ☒ MANUAL ☐ PARALLEL CLASSIFIERS

13. METHOD TO DETERMINE LENGTH OF COUNT ☐ 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: <u> John Parker </u>
CONTACT INFORMATION: <u> John Parker 717-346-9973 </u>
rev. November 9, 1999