

SHEET 13
TRAFFIC DATA FILES
TRANSMITTAL FORM

STATE
STATE CODE

Pennsylvania
42

FILENAME	START DATE mm/dd/yy	START TIME hh:mm	END DATE mm/dd/yy	END TIME hh:mm	CLASS SCHEME
C421690.D59	2/5/99	00:00	2/11/99	23:00	F
W421690.D59	2/5/99	00:00	2/11/99	23:00	F
C421606.D50	2/5/99	00:00	2/11/99	23:00	F
W421606.D59	2/5/99	00:00	2/11/99	23:00	F
C421599.D59	2/5/99	00:00	2/11/99	23:00	F
W421599.D59	2/5/99	00:00	2/11/99	23:00	F
C421605.DI9	2/19/99	00:00	2/25/99	23:00	F
W421605.DI9	2/19/99	00:00	2/25/99	23:00	F
C421597.E69	3/6/99	00:00	3/12/99	23:00	F
W421597.E69	3/6/99	00:00	3/12/99	23:00	F
C423044.C19	1/1/99	00:00	3/31/99	23:00	F
C421690.C19	1/1/99	00:00	3/31/99	23:00	F
C427037.C19	1/1/99	00:00	3/31/99	23:00	F
C421606.C19	1/1/99	00:00	3/31/99	23:00	F
C421599.C19	1/1/99	00:00	3/31/99	23:00	F
C421605.C19	1/1/99	00:00	3/31/99	23:00	F
C421597.C19	1/1/99	00:00	3/31/99	23:00	F

NAME OF PREPARER
DATE PREPARED

Denny Williams
5/11/99

PHONE NO. (717) 787-1840

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FILENAME	START DATE mm/dd/yy	START TIME hh:mm	END DATE mm/dd/yy	END TIME hh:mm	CLASS SCHEME
C421606.H19	6/1/99	00:00	6/7/99	23:00	F
W421606.H19	6/1/99	00:00	6/7/99	23:00	F
C421599.FR9	4/28/99	00:00	5/4/99	23:00	F
W421599.FR9	4/28/99	00:00	5/4/99	23:00	F
C421605.FS9	4/29/99	00:00	5/5/99	23:00	F
W421605.FS9	4/29/99	00:00	5/5/99	23:00	F
C421597.HN9	6/24/99	00:00	6/30/99	23:00	F
W421597.HN9	6/24/99	00:00	6/30/99	23:00	F
C423044.F19	4/1/99	00:00	6/30/99	23:00	F
C421690.F19	4/1/99	00:00	6/30/99	23:00	F
C427037.F19	4/1/99	00:00	6/30/99	23:00	F
C421606.F19	4/1/99	00:00	6/30/99	23:00	F
C421599.F19	4/1/99	00:00	6/30/99	23:00	F
C421605.F19	4/1/99	00:00	6/30/99	23:00	F
C421597.F19	4/1/99	00:00	6/30/99	23:00	F

NAME OF PREPARER
DATE PREPARED

Denny Williams
8/23/99

PHONE NO. (717) 787-1840

<div>SHEET 16</div> <div>LTPP MONITORED TRAFFIC DATA</div> <div>SITE CALIBRATION SUMMARY</div>	<div>*STATE ASSIGNED ID<div>120</div></div> <div>*STATE CODE<div>42</div></div> <div>*SHRP SECTION ID<div>1690</div></div>
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SITE CALIBRATION INFORMATION

92A400

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

11/14/1999
2. * TYPE OF EQUIPMENT CALIBRATED

X

 WIM

CLASSIFIER

BOTH
3. * REASON FOR CALIBRATION

ENTERED SEP 03 2003

X

 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

X

 CHANNELIZED FLAT PIEZO

X

 INDUCTANCE LOOPS

CAPACITANCE PADS
- OTHER (SPECIFY)

5. EQUIPMENT MANUFACTURER

PAT

WIM SYSTEM CALIBRATION SPECIFICS**

- 6.**CALIBRATION TECHNIQUE USED:

TRAFFIC STREAM -- STATIC SCALE (Y/N)

3S2

 TEST TRUCKS

NUMBER OF TRUCKS COMPARED

1

 NUMBER OF TEST TRUCKS USED

18

 PASSES PER TRUCK
- | | | |
|-------|------|------------|
| TRUCK | TYPE | SUSPENSION |
| 1 | 9 | Air |
| 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

-0.35

 STANDARD DEVIATION

8.7

DYNAMIC AND STATIC SINGLE AXLES

STANDARD DEVIATION

DYNAMIC AND STATIC DOUBLE AXLES

STANDARD DEVIATION

8.

6

 NUMBER OF SPEEDS AT WHICH CALIBRATION WAS PERFORMED9. DEFINE THE SPEED RANGES USED (MPH)

56

55

63

64

60

57

10. CALIBRATION FACTOR (AT EXPECTED FREE FLOW SPEED)

N/A

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

N

IF YES, LIST AND DEFINE AUTO-CALIBRATION VALUE:

CLASSIFIER TEST SPECIFICS***

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

VIDEO

X

 MANUAL

PARALLEL CLASSIFIERS
13. METHOD TO DETERMINE LENGTH OF COUNT :

X

 TIME

NUMBER OF TRUCKS
14. MEAN DIFFERENCE IN VOLUMES BY VEHICLES CLASSIFICATION:

N/A

*** FHWA CLASS 9

FHWA CLASS

*** FHWA CLASS 8

FHWA CLASS

FHWA CLASS

FHWA CLASS

*** PERCENT "UNCLASSIFIED" VEHICLES:

PERSON LEADING CALIBRATION EFFORT: Sunil Patel

CONTACT INFORMATION: Denny Williams 8/5/03 rev. November 9,