

ENTERED NOV 09 1999

SHEET 10 LTPP TRAFFIC DATA TRAFFIC VOLUME AND LOAD ESTIMATE UPDATE - NO SITE COUNT	*STATE ASSIGNED ID [_ _ _ _]
	*STATE CODE [42]
	*SHRP SECTION ID [3044]

1. ANNUAL TRAFFIC ESTIMATES

YEAR	ESTIMATED TOTAL VEHICLES AADT (TWO-WAY)	ESTIMATED TOTAL TRUCK AADT (TWO-WAY)	ESTIMATED TOTAL VEHICLES AADT GPS LANE	ESTIMATED TOTAL TRUCKS AADT GPS LANE	ESTIMATED ESAL'S/YR GPS LANE (1000's)
1998	29726	10719	10404	3752	2114

2. METHOD FOR ESTIMATING TOTAL VEHICLE
AADT (TWO-WAY)

- ☒ Growth factored last year's estimate.
☐ Estimated based on volume counts at nearby locations.
☐ Used computerized network analysis.
☐ Other _____

5. METHOD FOR ESTIMATING TOTAL
TRUCKS, GPS LANE, AADT

- ☒ System distribution factors.
☐ Other _____

3. METHOD FOR ESTIMATING TOTAL TRUCK
AADT (TWO-WAY)

- ☐ Used system average from counts taken this year.
☐ Used count data from nearby sites.
☒ Used count data from previous years at GPS site.
☐ Used system averages from previous year counts.
☐ Used computerized network analysis.
☐ Other _____

6. METHOD FOR ESTIMATING ESAL/YEAR
IN GPS LANE

- ☐ ESAL/Truck factor.
☒ ESAL/vehicle class factors.
 Number of classes 8
☐ Other _____

4. METHOD FOR ESTIMATING TOTAL VEHICLES
GPS LANE AADT

- ☒ System distribution factors.
☐ Other _____

7. ESAL ESTIMATES - SOURCE OF DATA

- ☒ Prior years data collected at GPS site.
☐ Current year system average.
☐ Prior year system average.
☐ Historical W-4 tables.
☐ Other _____

8. WEIGHT SCALE TYPE

- ☐ WIM Scale.
☐ Static scale used for enforcement.
☒ Static scale not used for enforcement.
☐ Other _____

NAME OF PREPARER

Dennis E. Stan

PHONE #

717-787-4574

DATE PREPARED

11/3/99

STATE Pennsylvania
STATE CODE 42
PA site # 106/107

PA site # 106/107

NAME OF PREPARER Sunil R. Patel PHONE NO. 717-772 2739
DATE PREPARED 4-23-98

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
<u>C423044.FJ8</u>	<u>4/20/98</u>	<u>00:00</u>	<u>6/30/98</u>	<u>23:00</u>	<u>F</u>
<u>C421597.F18</u>	<u>4/1/98</u>	<u>00:00</u>	<u>6/25/98</u>	<u>23:00</u>	<u>F</u>
<u>C421605.F18</u>	<u>4/1/98</u>	<u>00:00</u>	<u>6/30/98</u>	<u>23:00</u>	<u>F</u>
<u>C421599.F18</u>	<u>4/1/98</u>	<u>00:00</u>	<u>6/30/98</u>	<u>23:00</u>	<u>F</u>
<u>C421606.F18</u>	<u>4/1/98</u>	<u>00:00</u>	<u>6/30/98</u>	<u>23:00</u>	<u>F</u>
<u>C427037.F18</u>	<u>4/1/98</u>	<u>00:00</u>	<u>6/30/98</u>	<u>23:00</u>	<u>F</u>
<u>C421690.F18</u>	<u>4/1/98</u>	<u>00:00</u>	<u>6/30/98</u>	<u>23:00</u>	<u>F</u>
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_____	_____	_____	_____	_____	_____

NAME OF PREPARER Sunil R. Patel

PHONE NO. 717/772/2739

DATE PREPARED 7/23/98

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
<u>C421597.FK8</u>	<u>4/21/98</u>	<u>00:00</u>	<u>4/27/98</u>	<u>23:00</u>	<u>F</u>
<u>W421597.FK8</u>	<u>4/21/98</u>	<u>00:00</u>	<u>4/27/98</u>	<u>23:00</u>	<u>F</u>
<u>C421599.FL8</u>	<u>4/22/98</u>	<u>00:00</u>	<u>4/28/98</u>	<u>23:00</u>	<u>f</u>
<u>W421599.FL8</u>	<u>4/22/98</u>	<u>00:00</u>	<u>4/28/98</u>	<u>23:00</u>	<u>f</u>
<u>C421606.FN8</u>	<u>4/24/98</u>	<u>00:00</u>	<u>4/30/98</u>	<u>23:00</u>	<u>f</u>
<u>W421606.FN8</u>	<u>4/24/98</u>	<u>00:00</u>	<u>4/30/98</u>	<u>23:00</u>	<u>f</u>
<u>C421605.G98</u>	<u>5/9/98</u>	<u>00:00</u>	<u>5/15/98</u>	<u>23:00</u>	<u>f</u>
<u>W421605.G98</u>	<u>5/9/98</u>	<u>00:00</u>	<u>5/15/98</u>	<u>23:00</u>	<u>f</u>
<u>C421690.GP8</u>	<u>5/26/98</u>	<u>00:00</u>	<u>6/1/98</u>	<u>23:00</u>	<u>f</u>
<u>W421690.GP8</u>	<u>5/26/98</u>	<u>00:00</u>	<u>6/1/98</u>	<u>23:00</u>	<u>f</u>
<u>C423044.GP8</u>	<u>5/26/98</u>	<u>00:00</u>	<u>6/1/98</u>	<u>23:00</u>	<u>f</u>
<u>W423044.GP8</u>	<u>5/26/98</u>	<u>00:00</u>	<u>6/1/98</u>	<u>23:00</u>	<u>f</u>
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_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____

NAME OF PREPARER
DATE PREPARED

Sunil R. Patel
7/23/98

PHONE NO. 717-772 2739

SHEET 13 TRAFFIC DATA FILES TRANSMITTAL FORM	STATE:	PENNSYLVANIA
	STATE CODE:	42

File Name	Start Date mm/dd/yy	Start Time hh:mm	End Date mm/dd/yy	End Time hh:mm	Class Scheme	Counter Manufacturer
C421597.IR8	7/28/98	0	8/3/98	0	F	PAT
C421599.IL8	7/22/98	0	7/28/98	0	F	PAT
C421605.IG8	7/17/98	0	7/23/98	0	F	PAT
C241606.IL8	7/22/98	0	7/28/98	0	F	PAT
C421690.I98	7/9/98	0	7/15/98	0	F	PAT
C423044.J58	8/5/98	0	8/11/98	0	F	PAT
W421597.IR8	7/28/98	0	8/3/98	0	F	PAT
W421599.IL8	7/22/98	0	7/28/98	0	F	PAT
W421605.IG8	7/17/98	0	7/23/98	0	F	PAT
W241606.IL8	7/22/98	0	7/28/98	0	F	PAT
W421690.I98	7/9/98	0	7/15/98	0	F	PAT
W423044.J58	8/5/98	0	8/11/98	0	F	PAT
C421597.I38	7/3/98	0	9/29/98	2300	F	DIAMOND
C421599.I18	7/1/98	0	9/30/98	2300	F	DIAMOND
C421605.I18	7/1/98	0	9/30/98	2300	F	DIAMOND
C241606.I18	7/1/98	0	9/30/98	2300	F	DIAMOND
C421690.I18	7/1/98	0	9/30/98	2300	F	DIAMOND
C423044.I28	7/2/98	0	9/20/98	2300	F	DIAMOND
C421627.K48	9/4/98	0	9/25/98	2300	F	ECM
W421627.K48	9/4/98	0	9/25/98	2300	F	ECM

NAME OF PREPARER: SUNIL PATEL		PHONE NO.: 717-772-2739
DATE PREPARED: 10/5/98		

Pennsylvania
42

NAME OF PREPARER Sunil Patel PHONE NO. (717) 772-2739
DATE PREPARED 1/4/99

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
<u>C421627.mjs</u>	<u>11/20/98</u>	<u>00:00</u>	<u>11/26/98</u>	<u>23:00</u>	<u>F</u>
<u>W421627.mjs</u>	<u>"</u>	<u>00:00</u>	<u>"</u>	<u>23:00</u>	<u>F</u>
<u>C423044.m68</u>	<u>11/6/98</u>	<u>00:00</u>	<u>11/12/98</u>	<u>23:00</u>	<u>F</u>
<u>W423044.m68</u>	<u>"</u>	<u>00:00</u>	<u>"</u>	<u>23:00</u>	<u>F</u>
<u>C421690.m68</u>	<u>11/10/98</u>	<u>00:00</u>	<u>11/16/98</u>	<u>23:00</u>	<u>F</u>
<u>W421690.m68</u>	<u>"</u>	<u>00:00</u>	<u>"</u>	<u>23:00</u>	<u>F</u>
<u>C421606.m18</u>	<u>11/18/98</u>	<u>00:00</u>	<u>11/24/98</u>	<u>23:00</u>	<u>f</u>
<u>W421606.m18</u>	<u>"</u>	<u>00:00</u>	<u>"</u>	<u>23:00</u>	<u>f</u>
<u>C421599.LR8</u>	<u>10/28/98</u>	<u>00:00</u>	<u>11/3/98</u>	<u>23:00</u>	<u>f</u>
<u>W421599.LR8</u>	<u>"</u>	<u>00:00</u>	<u>"</u>	<u>23:00</u>	<u>f</u>
<u>C421605.m18</u>	<u>11/1/98</u>	<u>00:00</u>	<u>11/7/98</u>	<u>23:00</u>	<u>f</u>
<u>W421605.m18</u>	<u>"</u>	<u>00:00</u>	<u>"</u>	<u>23:00</u>	<u>f</u>
<u>C421597.LK8</u>	<u>10/21/98</u>	<u>00:00</u>	<u>10/27/98</u>	<u>23:00</u>	<u>f</u>
<u>W421597.LK8</u>	<u>"</u>	<u>00:00</u>	<u>"</u>	<u>23:00</u>	<u>f</u>
<u>C429027.m68</u>	<u>11/6/98</u>	<u>00:00</u>	<u>11/12/98</u>	<u>23:00</u>	<u>f</u>
<u>W429027.m68</u>	<u>"</u>	<u>00:00</u>	<u>"</u>	<u>23:00</u>	<u>f</u>

NAME OF PREPARER

Sunil Patel

PHONE NO.

717 772 2739

DATE PREPARED

1/4/98

<div>SHEET 16</div> <div>LTPP MONITORED TRAFFIC DATA</div> <div>SITE CALIBRATION SUMMARY</div>	<div>*STATE ASSIGNED ID<div>[106]</div></div> <div>*STATE CODE<div>[42]</div></div> <div>*SHRP SECTION ID<div>[3044]</div></div>
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SITE CALIBRATION INFORMATION

429027

1. * DATE OF CALIBRATION (MONTH/DAY/YEAR) [04/07/1998]

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

ENTERED SEP 03 2003

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
☒ PASSES PER TRUCK
TRUCK TYPE SUSPENSION
TYPE PER FHWA 13 BIN SYSTEM
SUSPENSION: 1 - AIR; 2 - LEAF SPRING
3 - OTHER (DESCRIBE)
1 9 Air
2
3
7. SUMMARY CALIBRATION RESULTS (EXPRESSED AS A PERCENT)
MEAN DIFFERENCE BETWEEN ---
DYNAMIC AND STATIC GVW -5.01 STANDARD DEVIATION 1.9
DYNAMIC AND STATIC SINGLE AXLES STANDARD DEVIATION
DYNAMIC AND STATIC DOUBLE AXLES STANDARD DEVIATION
8. 6 NUMBER OF SPEEDS AT WHICH CALIBRATION WAS PERFORMED
9. DEFINE THE SPEED RANGES USED (MPH) 50 47 48 45 38 47
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 ☒ MANUAL ☐ PARALLEL CLASSIFIERS

13. METHOD TO DETERMINE LENGTH OF COUNT : ☒ 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: <u>Sunil Patel</u>	rev. November 9,
CONTACT INFORMATION: <u>Denny Williams 8/5/03</u>	