

SHEET 1	*STATE ASSIGNED ID [.....]
LTPP TRAFFIC DATA	*STATE CODE [42]
SUMMARY TRANSMITTAL FORM	*SHRP SECTION ID [7037]

STATE OR PROVINCE PENNSYLVANIA COUNTY JEFFERSON
HIGHWAY ROUTE NO. SR 80 MILEPOST# SEG 805
NEAREST CITY/TOWN 3 MI NW OF BROOKVILLE
NEAREST INTERSECTION .3 MI. W. PA 28
FUNCTIONAL CLASS 1 NO.LANES EACH DIRECTION 2 TOTAL NO.LANE 4
DIRECTION OF TRAVEL GPS LANE W DATE OPENED TO TRAF. - -86
FIPS COUNTY CODE 065 FHWA STATION IDENTIFICATION NO. _____
HPMS SAMPLE NO. 330080000804 HPMS SUBDIVISION NO. 0
TYPE OF PAVEMENT: AC X PCC _____ OTHER _____
CONTROL OF ACCESS: YES X NO _____ MEDIAN: YES X NO _____
CURRENT SURROUNDING DEVELOPMENT:
URBAN _____ SUBURBAN _____ RURAL X
HAS INTENSITY OF ROADSIDE DEVELOPMENT INCREASED OVER PAST 10
YEARS? YES _____ NO X
IF YES, DESCRIBE CHANGES _____

NAME OF PREPARER <u>EDWIN R. MARSHALL, JR.</u>	PHONE # <u>(717) 787-3082</u>
DATE PREPARED <u>10/11/90</u>	

SHEET 2 LTPP TRAFFIC DATA TRAFFIC VOLUMES AND LOAD ESTIMATES	*STATE ASSIGNED ID [_____]
	*STATE CODE [42]
	*SHRP SECTION ID [7037]

YEAR	1. ESTIMATED TOTAL VEHICLES AADT (TWO-WAY)	2 ESTIMATED TOTAL TRUCK AADT (TWO-WAY)	3 ESTIMATED TOTAL VEHICLES AADT GPS LANE	4 ESTIMATED TOTAL TRUCK AADT GPS LANE	5 ESTIMATED ESAL'S/YR GPS LANE (1000's)
1989	15257	5896	6102	2358	790
1988	14530	5616	5812	2246	752
1987	14106	5452	5642	2180	730
1986	13696	5294	5478	2118	710
1985					
1984					
1983					
1982					
1981					
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1975					
1974					
1973					
1972					
1971					
1970					
1969					
1968					
1967					
1966					
1965					

NAME OF PREPARER	PALMER E. WERT, JR	PHONE #	(717) 787-4574
DATE PREPARED	10/3/90		

SHEET 3

LTPP TRAFFIC DATA PROCEDURES FOR ESTIMATING ANNUAL AVERAGE VOLUMES AND TOTAL ANNUAL ESALS

*STATE ASSIGNED ID [_ _ _ _]

*STATE CODE (42)

*SHRP SECTION ID (2032)

1. Year Applicable 1989

2. METHOD FOR ESTIMATING AADT

- ☒ Factored a single count taken this year at the GPS site.
- ☐ Averaged multiple counts taken this year at the GPS site.
- ☐ Averaged and factored multiple counts taken this year at the GPS site.
- ☐ Growth factored last year's estimate.
- ☐ Estimated based on volume counts at nearby locations.
- ☐ Used flow maps.
- ☐ Used computerized network analyses.
- ☐ Other: _____

5. METHOD FOR ESTIMATING TRUCK AADT IN GPS LANES

- ☒ Based on actual lane count data.
- ☐ System distribution factors.
- ☒ Other: ASSUMED .5 AND .8 DIRECTIONAL AND LANE DISTRIBUTION FACTORS.

6. METHOD FOR ESTIMATING ESAL/VEHICLE

- ☒ ESAL/Truck.
- ☒ ESAL/Vehicle class. (no. of classes) 11
- ☐ Other: _____

3. METHOD FOR ESTIMATING TRUCK VOLUMES OR PERCENTAGES

- ☒ Used a single count taken this year at the GPS site.
- ☐ Factored a single count taken this year at the GPS site.
- ☐ Averaged multiple counts taken this year at the GPS site.
- ☐ Used system averages from counts taken this year.
- ☐ Used count data from nearby sites.
- ☐ Used count data taken in earlier years at the GPS site.
- ☐ Used system averages taken in earlier years at the GPS site.
- ☐ Used computerized network analyses.
- ☐ Other: _____

7. ESAL ESTIMATES

(A) Source of Data

- ☐ Weight data collected at GPS site this year.
- ☐ Weight data collected at GPS site prior years.
- ☒ Weight data from system averages this year.
- ☐ Weight data from system averages prior years.
- ☐ Weight data from historic W-4 Tables used.
- ☐ Other: _____

(B) Weight Scale Type

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

4. METHOD FOR ESTIMATING AADT BY GPS LANE

- ☒ Based on actual lane count data.
- ☐ System distribution factors.
- ☒ Other: ASSUMED .5 AND .8 DIRECTIONAL AND LANE DISTRIBUTION FACTORS

NAME OF PREPARER PALMER E. WERT, JR PHONE # (712) 787-4574

DATE PREPARED 10/3/90

SHEET 3

LTPP TRAFFIC DATA PROCEDURES FOR ESTIMATING ANNUAL AVERAGE VOLUMES AND TOTAL ANNUAL ESALS

*STATE ASSIGNED ID [_ _ _ _]

*STATE CODE [42]

*SHRP SECTION ID [7037]

1. Year Applicable 1986-1988

2. METHOD FOR ESTIMATING AADT

- ☐ Factored a single count taken this year at the GPS site.
☐ Averaged multiple counts taken this year at the GPS site.
☐ Averaged and factored multiple counts taken this year at the GPS site.
☐ Growth factored last year's estimate.
☐ Estimated based on volume counts at nearby locations.
☐ Used flow maps.
☐ Used computerized network analyses.
☒ Other: FACTORED FROM 1989 COUNT.

3. METHOD FOR ESTIMATING TRUCK VOLUMES OR PERCENTAGES

- ☐ Used a single count taken this year at the GPS site.
☐ Factored a single count taken this year at the GPS site.
☐ Averaged multiple counts taken this year at the GPS site.
☐ Used system averages from counts taken this year.
☐ Used count data from nearby sites.
☐ Used count data taken in earlier years at the GPS site.
☐ Used system averages taken in earlier years at the GPS site.
☐ Used computerized network analyses.
☒ Other: FACTORED FROM 1989 COUNT

4. METHOD FOR ESTIMATING AADT BY GPS LANE

- ☐ Based on actual lane count data.
☐ System distribution factors.
☒ Other: FACTORED FROM 1989 ASSUMED 5 AND 8 DIRECTIONAL AND LANE DISTRIBUTION FACTORS.

5. METHOD FOR ESTIMATING TRUCK AADT IN GPS LANES

- ☐ Based on actual lane count data.
☐ System distribution factors.
☒ Other: FACTORED FROM 1989 ASSUMED 5 AND 8 DIRECTIONAL AND LANE DISTRIBUTION FACTORS.

6. METHOD FOR ESTIMATING ESAL/VEHICLE

- ☐ ESAL/Truck.
☒ ESAL/Vehicle class. (no. of classes) 11
☐ Other: _____

7. ESAL ESTIMATES

(A) Source of Data

- ☐ Weight data collected at GPS site this year.
☐ Weight data collected at GPS site prior years.
☐ Weight data from system averages this year.
☐ Weight data from system averages prior years.
☐ Weight data from historic W-4 Tables used.
☒ Other: FACTORED FROM 1989 SYSTEM AVERAGES.

(B) Weight Scale Type

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

NAME OF PREPARER PALMER E. WERT, JR. PHONE # (717) 787-4574
DATE PREPARED 10/3/90

SHEET 4 LTPP TRAFFIC DATA TRAFFIC VOLUME COUNTS	*STATE ASSIGNED ID [_____]
	*STATE CODE [42]
	*SHRP SECTION ID [7037]

HIGHWAY ROUTE NO. (THIS COUNT) 80
 MILEPOST# OR LOCATION (THIS COUNT) 805
 BEGINNING DATE 9/28/89 ENDING DATE 9/28/89
 BEGINNING TIME 01 ENDING TIME 2400
 COUNT DURATION 24 (X) HOURS () DAYS () MONTHS
 TYPE OF COUNTER STREETER NAME/MODEL# 241
 TYPE OF COUNT: TWO-WAY ONEWAY GPS TEST LANE ONLY X

<u>ITEM</u>	<u>ACTUAL COUNTS</u>	<u>UNITS</u>
1. TOTAL NO. OF VEHICLES(RAW COUNT)	16989	
2. ADJUSTMENT FACTORS(AS APPLICABLE):		
A. ADJUSTMENT TO 24-HOUR COUNT	N/A	
B. AXLE CORRECTION FACTOR	N/A	
C. DAY OF THE WEEK	N/A	
D. MONTH FACTOR	N/A	
E. OTHER FACTOR(<u>24 HRS TO ADT</u>)	.898	
3. ANNUAL AVERAGE DAILY TRAFFIC(AADT) (TWO-WAY)	15257	
4. DIRECTIONAL DISTRIBUTION FACTOR	.50	
5. GPS LANE DISTRIBUTION FACTOR	40 .80	
6. AADT GPS LANE	6102	

NAME OF PREPARER <u>PALMER E. WERT, JR</u>	PHONE # <u>(717) 787-4574</u>
DATE PREPARED <u>10/9/90</u>	

**SHEET 14
LTPP TRAFFIC DATA**

EQUIPMENT INSTALLATION LOG

STATE ASSIGNED ID [0126]

STATE CODE [42]

SHRP SECTION ID [7037]

LOCATION Jefferson Co. Between Exits 13 & 14 (I80) DATE OF INSTALLATION _____

	TYPE		BRAND NAME		SERIAL NUMBER	
Control Unit(s) and peripheral equipment						
Control Unit	Phoenix	Pietzsch DAW 100	Diamond	PAT	994 EE 34785	E92-00212
Interface						
Modem						
Loop Amplifiers						
Other _____	①	②	①	②	①	②
Sensor(s) / Platform(s)						
GPS Lane Sensor						
Sensor Next Adjacent Lane (1)	ECM					
Sensor Next Adjacent Lane (2)						
Sensor Next Adjacent Lane (3)						
Diagonal Sensor						
Offscale Sensor						
Right Platform						
Left Platform						
Other _____						
Software						
Complete Package	Trafman V4.37	Reporter V6.73				
Axle Spacing Algorithm Only	F	F				
Other _____	①	②				
Loops						
Upstream - Lane 1						
Downstream - Lane 1						
Upstream - Other Lanes						
Downstream - Other Lanes						

PAT Equipment - Portable, once per quarter (wim)
 Diamond - All year Around (CAVE)
 ① All Diamond information
 ② All PAT information