

SHEET 1  LTPP TRAFFIC DATA  SUMMARY TRANSMITTAL FORM	*STATE ASSIGNED ID [-----]  *STATE CODE [42]  *SHRP SECTION ID [1091]
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STATE OR PROVINCE PENNSYLVANIA COUNTY BEAVER  
 HIGHWAY ROUTE NO. SR 51 MILEPOST# SEG 481  
 NEAREST CITY/TOWN 1.5 MI. W.SW. OF DARLINGTON  
 NEAREST INTERSECTION 0.2 MI. N. OF SR 4004 & T-498  
 FUNCTIONAL CLASS 14 NO.LANES EA. DIRECTION 2 TOTAL NO.LANE 4  
 DIRECTION OF TRAVEL GPS LANE S DATE OPENED TO TRAF. - -89  
 FIPS COUNTY CODE 007 FHWA STATION IDENTIFICATION NO. \_\_\_\_\_  
 HPMS SAMPLE NO. 40051022317 HPMS SUBDIVISION NO. 0  
 TYPE OF PAVEMENT: AC X PCC \_\_\_\_\_ OTHER \_\_\_\_\_  
 CONTROL OF ACCESS: YES \_\_\_\_\_ NO X MEDIAN: YES X NO \_\_\_\_\_  
 CURRENT SURROUNDING DEVELOPMENT:  
 URBAN X SUBURBAN \_\_\_\_\_ RURAL \_\_\_\_\_  
 HAS INTENSITY OF ROADSIDE DEVELOPMENT INCREASED OVER PAST 10  
 YEARS? YES \_\_\_\_\_ NO X  
 IF YES, DESCRIBE CHANGES \_\_\_\_\_  
 \_\_\_\_\_  
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NAME OF PREPARER <u>EDWIN R. MARSHALL, JR.</u> DATE PREPARED <u>11/19/90</u>	PHONE # <u>(717) 787-3082</u>
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<b>SHEET 2</b> <b>LTPP TRAFFIC DATA</b> <b>TRAFFIC VOLUMES</b> <b>AND LOAD ESTIMATES</b>	•STATE ASSIGNED ID [_____]
	•STATE CODE [42]
	•SHRP SECTION ID [1091]

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	12130	1456	4852	582	250
1988					
1987					
1986					
1985					
1984					
1983					
1982					
1981					
1980					
1979					
1978					
1977					
1976					
1975					
1974					
1973					
1972					
1971					
1970					
1969					
1968					
1967					
1966					
1965					

NAME OF PREPARER	PALMER E. WERT, JR	PHONE #	(717) 787-4574
DATE PREPARED	11/19/90		

**SHEET 3**  
**LTPP TRAFFIC DATA**  
**PROCEDURES FOR ESTIMATING**  
**ANNUAL AVERAGE VOLUMES AND**  
**TOTAL ANNUAL ESALS**

\*STATE ASSIGNED ID [-----]

\*STATE CODE [42]

\*SHRP SECTION ID [1091]

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 years estimate.  
☐ Estimated based on volume counts at nearby locations.  
☐ Used flow maps.  
☐ Used computerized network analyses.  
☐ 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.  
☐ 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

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 \_\_\_\_\_

7. ESAL ESTIMATES

(A) Source of Data

- ☐ Weight data collected at GPS site this year.  
☐ Weight data collected at GPS site in 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 \_\_\_\_\_

NAME OF PREPARER PALMER E. WERT, JR.

PHONE # (717)787-4574

DATE PREPARED 11/19/90

SHEET 4 LTPP TRAFFIC DATA TRAFFIC VOLUME COUNTS	•STATE ASSIGNED ID [_____]
	•STATE CODE [42]
	•SHRP SECTION ID [1091]

HIGHWAY ROUTE NO. (THIS COUNT) 51  
 MILEPOST# OR LOCATION (THIS COUNT) 481  
 BEGINNING DATE 10/18/89 ENDING DATE 10/18/89  
 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 ☒

	<u>ACTUAL COUNTS</u>	
<u>ITEM</u>		<u>UNITS</u>
1. TOTAL NO. OF VEHICLES(RAW COUNT)	12530	
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> )	0.968	
3. ANNUAL AVERAGE DAILY TRAFFIC(AADT) (TWO-WAY)	12130	
4. DIRECTIONAL DISTRIBUTION FACTOR	.50	
5. GPS LANE DISTRIBUTION FACTOR	.80	
6. AADT GPS LANE	4852	

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