

**SHEET 10**  
**LTPP TRAFFIC DATA**  
**TRAFFIC VOLUME AND LOAD**  
**ESTIMATE UPDATE - NO SITE COUNT**

\*STATE ASSIGNED ID (120)  
 \*STATE CODE (42)  
 \*SRPP SECTION (1690)

**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 TRUCKS/YR GPS LANE (1000s)
<u>1993</u>	<u>10,600</u>	<u>2264</u>	<u>3710</u>	<u>792</u>	<u>455</u>

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

- ☐ Growth factor method for the entire road.  
☒ Estimated based on volume of nearby locations.  
☐ Used computerized analysis of traffic.  
☐ Other \_\_\_\_\_

**3. METHOD FOR ESTIMATING TOTAL  
TRUCKS/YR GPS LANE, AADT**

- ☒ Estimated based on volume of nearby locations.  
☐ Other \_\_\_\_\_

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

- ☐ Used system averages from nearby locations.  
☒ Used system averages from nearby locations.  
☐ Used system averages from nearby locations.  
☐ Used system averages from nearby locations.  
☐ Other \_\_\_\_\_

**5. METHOD FOR ESTIMATING TOTAL  
IN USE LANE**

- ☐ Estimated based on volume of nearby locations.  
☒ Estimated based on volume of nearby locations.  
☐ Other \_\_\_\_\_

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

- ☒ System averages from nearby locations.  
☐ Other \_\_\_\_\_

**7. FINAL ESTIMATES - SOURCE OF DATA**

- ☒ Prior year data collected at GPS site.  
☒ Current year system coverage.  
☐ Prior year system averages.  
☐ Other \_\_\_\_\_

**8. WEIGHT SCALE TYPE**

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

NAME OF PREPARER V. J. Barnhart  
 DATE PREPARED 3-8-96

PHONE 717-272-2739

<b>SHEET 10</b> <b>LTPP TRAFFIC DATA</b>  <b>TRAFFIC VOLUME AND LOAD</b> <b>ESTIMATE UPDATE-NO SITE COUNT</b>	*STATE ASSIGNED ID	[ _ _ _ ]
	*STATE CODE	[ 42 ]
	*SHRP SECTION ID	[ A400 ]

## 1. ANNUAL TRAFFIC ESTIMATES

*YEAR	ESTIMATED TOTAL VEHICLES AADT (TWO-WAY)	ESTIMATED TOTAL TRUCK AADT (TWO-WAY)	ESTIMATED TOTAL VEHICLES AADT LTPP LANE	*ESTIMATED TOTAL TRUCKS AADT LTPP LANE	*ESTIMATED ESAL'S/YR LTPP LANE (1000'S)
1993	10600	2264	3710	792	455

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

- ☒ Growth factored last year's estimate. (6)
- ☒ Estimated based on volume counts at nearby locations. (3)
- ☐ Used computerized network analyses. (4)
- ☐ Factored a single count taken this year at the LTPP site. (1)
- ☐ Average multiple counts taken this year at the LTPP site. (2)
- ☐ Average and factored multiple count taken this year at the LTPP site. (5)
- ☐ Used flow maps. (7)
- ☐ Other: (8) \_\_\_\_\_

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

- ☒ Used system averages from counts taken this year. (6)
- ☒ Used count data from nearby sites. (3)
- ☐ Used count data from previous years at the LTPP site. (7)
- ☐ Used system averages from previous years. (9)
- ☐ Used computerized network analyses. (4)
- ☐ Used a single count taken this year at the LTPP site. (5)
- ☐ Factored a single count taken this year at the LTPP site. (4)
- ☐ Averaged multiple counts taken this year at the LTPP site. (2)
- ☐ Other: (10) \_\_\_\_\_

## 4. METHOD FOR ESTIMATING TOTAL VEHICLES LTPP LANE AADT

- ☒ System distribution factors. (2)
- ☐ Based on actual lane count data. (1)
- ☐ Other: (3) \_\_\_\_\_

## \*5. METHOD FOR ESTIMATING TOTAL TRUCKS, LTPP LANE, AADT

- ☒ System distribution factors. (2)
- ☐ Based on actual lane data count. (1)
- ☐ Other: (3) \_\_\_\_\_

## \*6. METHOD FOR ESTIMATING ESAL/YEAR IN LTPP LANE

- ☐ ESAL/Truck factor (1)
- ☒ ESAL/Vehicle class. (2) (No. of classes) 8
- ☐ ESAL/Axle(3) Sing. \_\_\_\_\_ Tand. \_\_\_\_\_ Tri. \_\_\_\_\_
- ☐ Other: (4) \_\_\_\_\_

## 7. ESAL ESTIMATES - SOURCE OF DATA

- ☒ Weight data collected at LTPP site prior years. (2)
- ☒ Weight data from system averages this year. (3)
- ☐ Weight data from system averages prior years. (4)
- ☐ Weight data from historic W-4 Tables used. (5)
- ☐ Other: (6) \_\_\_\_\_

## 8. WEIGHT SCALE TYPE

- ☐ WIM scale. (1)
- ☐ Static scale used for enforcement. (2)
- ☒ Static scale not used for enforcement. (3)
- ☐ Other: (4) \_\_\_\_\_

NAME OF PREPARER Ed FillionPHONE # 716-632-0804DATE PREPARED Aug. 28/00

rev. February 21, 2000

SHEET 12  
TRAFFIC DATA  
COLLECTION SITE

STATE ASSIGNED ID 120  
STATE CODE 42  
SHRP SECTION ID 1690  
EFFECTIVE DATE 4/14/93

HIGHWAY RT. NO. I 180 MILEPOST NO. Seg 485

LOCATION Lycoming County

VEHICLE CLASSIFICATION METHOD: FHWA X OTHER        #BINS       

TYPE OF CLASSIFICATION EQUIPMENT: PORTABLE X PERMANENT       

AVC EQUIPMENT MAKE / MODEL NO. Golden River

SENSOR TYPE Weigh Mat

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

EQUIPMENT MAKE / MODEL NO. Golden River

SENSOR TYPE Weigh Mat

METHOD OF CALIBRATION: second axle on loaded class 9

FREQUENCY OF CALIBRATION: each setting

COMMENTS:       

      

      

      

      

      

      

NAME OF PREPARER V J Barnhart

DATE PREPARED 4/14/93

PHONE NO. 717-772-2739

SHEET 12  
TRAFFIC DATA  
COLLECTION SITE

STATE ASSIGNED ID  
STATE CODE  
SHRP SECTION ID  
EFFECTIVE DATE

120  
42  
1690  
912193

HIGHWAY RT. NO. I 180 MILEPOST NO. Sec 485

LOCATION Lycoming Co.

VEHICLE CLASSIFICATION METHOD: FHWA X OTHER        #BINS       

TYPE OF CLASSIFICATION EQUIPMENT: PORTABLE        PERMANENT X

AVC EQUIPMENT MAKE / MODEL NO. PEEK 241

SENSOR TYPE Piezo

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

EQUIPMENT MAKE / MODEL NO. Golden River

SENSOR TYPE Weigh Mat

METHOD OF CALIBRATION: second axle on loaded class 9

FREQUENCY OF CALIBRATION: each setting

COMMENTS:       

Class file Col 56-58 = class 14  
63-66 = " 15  
72-77 = total vehicles

NAME OF PREPARER VJ Brandt PHONE NO. 717-772-2739  
DATE PREPARED 1/6/94

**SHEET 14**  
**LTPP TRAFFIC DATA**

**EQUIPMENT INSTALLATION LOG**

STATE ASSIGNED ID [ 120 ]

STATE CODE [ 42 ]

SHRP SECTION ID [ 1690 ]

LOCATION SR 180 Sec 485 DATE OF INSTALLATION 9-1-93

	TYPE	BRAND NAME	SERIAL NUMBER
Control Unit(s) and peripheral equipment			
Control Unit	<u>241</u>	<u>PEEK</u>	
Interface			
Modem		<u>UDS</u>	
Loop Amplifiers			
Other _____			
Sensor(s) / Platform(s)			
GPS Lane Sensor	<u>PEEK</u>		
Sensor Next Adjacent Lane (1)	<u>Piezo</u>		
Sensor Next Adjacent Lane (2)			
Sensor Next Adjacent Lane (3)			
Diagonal Sensor			
Offscale Sensor			
Right Platform			
Left Platform			
Other _____			
Software			
Complete Package	<u>261</u>	<u>PEEK</u>	
Axle Spacing Algorithm Only			
Other _____			
Loops			
Upstream - Lane 1			
Downstream - Lane 1			
Upstream - Other Lanes			
Downstream - Other Lanes			