

**STREET ID**  
**LTPP TRAFFIC DATA**  
**TRAFFIC VOLUME AND LOAD**  
**ESTIMATE UPDATE - NO SITE COUNT**

\*STATE ASSIGNED ID [ 327 ]  
 \*STATE CODE [ 42 ]  
 \*SHRP SECTION ID [ 169 ]

**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)
<u>1993</u>	<u>8209</u>	<u>714</u>	<u>2873</u>	<u>250</u>	<u>87</u>

**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 V. J. Barnhart  
 DATE PREPARED 3/14/95

PHONE # 717-772-2739

SHEET 12  
TRAFFIC DATA  
COLLECTION SITE

STATE ASSIGNED ID 329  
STATE CODE 42  
SHRP SECTION ID 1091  
EFFECTIVE DATE 4/14/93

HIGHWAY RT. NO. SR 51 MILEPOST NO. Seg 481

LOCATION Beaver 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 PHONE NO. 717-772-2739  
DATE PREPARED 4/14/93

SHEET 12  
TRAFFIC DATA  
COLLECTION SITE

STATE ASSIGNED ID  
STATE CODE  
SHRP SECTION ID  
EFFECTIVE DATE

329  
42  
1691  
919193

HIGHWAY RT. NO. SR51 MILEPOST NO. Seg 481

LOCATION Beaver 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 V.J. Barnhart  
DATE PREPARED 1/6/94

PHONE NO. 717-772-2739

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

**EQUIPMENT INSTALLATION LOG**

STATE ASSIGNED ID [229]

STATE CODE [42]

SHRP SECTION ID [1691]

LOCATION SR51 Seg 481

DATE OF INSTALLATION 9/8/93

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