

<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 [ <u>46</u> ]  SHRP SECTION ID [ <u>9106</u> ]
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**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>1999</u>	<u>681</u>	<u>110</u>	<u>341</u>	<u>55</u>	<u>4.0</u>

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

- ☐ Growth factored last year's estimate.  
☒ Estimate based on volume counts at nearby locations.  
☐ Used computerized network analysis.  
☐ 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 \_\_\_\_\_

**4. METHOD FOR ESTIMATING TOTAL VEHICLES GPS LANE AADT**

- ☐ System distribution factors.  
☒ Other Estimation 5-15

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

- ☐ System distribution factors.  
☒ Other Estimation 5-15

**6. METHOD FOR ESTIMATING ESAL/YEAR IN GPS LANE**

- ☒ ESAL/Truck factor.  
☐ ESAL/vehicle class factors – Number of classes  
☐ 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 N/A

NAME OF PREPARER  
DATE PREPARED

Kenneth E. Marks PHONE # (605) 773-3336  
12/27/2001

SHEET 10 LTPP TRAFFIC DATA  TRAFFIC VOLUME AND LOAD ESTIMATE UPDATE-NO SITE COUNT	STATE ASSIGNED ID [ 0905 ] STATE CODE [ 46 ] SHRP SECTION ID [ 9106 ]
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1. ANNUAL TRAFFIC ESTIMATES

YEAR	ESTIMATED TOTAL VEHICLES AADT (TWO-WAY)	ESTIMATED TOTAL TRUCKS AADT (TWO-WAY)	ESTIMATED TOTAL VEHICLES AADT GPS LANE	ESTIMATED TOTAL TRUCKS AADT GPS LANE	ESTIMATED ESAL'S/YR GPS LANE (1000's)
1995	850	150	425	75	4.7
1996	824	145	412	73	4.5
1997	755	102	378	51	4.1
1998	680	110	340	55	4.2
1999	681	110	341	55	4.0
2000	620	85	310	42	3.7
2001	621	95	311	48	3.6
2002	680	114	340	57	3.9
2003	665	134	333	67	4.7
2004	612	<del>459</del> 122	306	<del>70</del> 61	4.4

2. METHODS 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 \_\_\_\_\_

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 average from previous years count.  
☐ Used computerized network analysis.  
☐ Other \_\_\_\_\_

4. METHOD FOR ESTIMATING TOTAL VEHICLES GPS LANE AADT.

- ☐ System distribution factors.  
☒ Other Estimation 50/50

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

- ☐ Sytem distribution factors.  
☒ Other Estimation 50/50

6. METHOD FOR ESTIMATING ESAL/YEAR IN GPS LANE.

- ☒ ESAL/Truck factor.  
☐ ESAL/vehicle class  
☐ Sytem distribution factors - \_\_\_\_ # of classes.  
☐ 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 NA - Classification site

NAME OF PREPARER <u>Kenneth E. Marks</u> DATE PREPARED <u>3/31/2005</u>	PHONE # <u>(605) 773-3336</u>
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ENTERED APR 22 2005  
 D. Marshall  
 ENTERED APR 08 2005