

SHEET 10 LTPP TRAFFIC DATA  TRAFFIC VOLUME AND LOAD ESTIMATE UPDATE-NO SITE COUNT	STATE ASSIGNED ID      [ 0914 ] STATE CODE                [ 46 ] SHRP SECTION ID        [ 6600 ]
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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)
<u>1995</u>	<u>3640</u>	<u>681</u>	<u>1820</u>	<u>340</u>	<u>19.9</u>
<u>1996</u>	<u>3760</u>	<u>703</u>	<u>1880</u>	<u>352</u>	<u>20.6</u>
<u>1997</u>	<u>3988</u>	<u>582</u>	<u>1795</u>	<u>262</u>	<u>25.6</u>
<u>1998</u>	<u>4250</u>	<u>710</u>	<u>1913</u>	<u>320</u>	<u>31.8</u>

2. METHODS FOR ESTIMATING TOTAL VEHICLE AADT (TWO-WAY).
- [ ] Growth factored last year's estimate.
- [ X ] 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.
- [ X ] 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.
- [ X ] Other Estimation 90/10

5. METHOD FOR ESTIMATING TOTAL TRUCKS, GPS LANE, AADT.
- [ ] System distribution factors.
- [ X ] Other Estimation 90/10

6. METHOD FOR ESTIMATING ESAL/YEAR IN GPS LANE.
- [ X ] ESAL/Truck factor.
- [ ] ESAL/vehicle class
- [ ] System distribution factors - \_\_\_\_\_ # of classes.
- [ ] Other \_\_\_\_\_

7. ESAL ESTIMATES - SOURCE OF DATA.
- [ ] Prior years data collected at GPS site.
- [ ] Current year system average.
- [ X ] 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.
- [ X ] Other SD Bridge Weigh System

NAME OF PREPARER <u>Rocky W. Hook</u> DATE PREPARED <u>04/12/1999</u>	PHONE # <u>(605) 773-3336</u>
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ENTERED MAR 18 2009

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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	3640	<del>3640</del> 546	<del>1020</del> 1638	<del>340</del> 246	<del>40.3</del> 27
1996	3760	<del>706</del> 564	<del>1000</del> 1692	<del>352</del> 254	<del>20.6</del> 28
1997	3988	582	1795	262	25.6
1998	4250	710	1913	320	31.8
1999	4890	806	2200	363	35.3
2000	5000	855	2250	385	36.1
2001	5300	875	2385	394	38.5
2002	4955	842	2230	379	<del>25.0</del> 42
2003	5220	793	2350	357	<del>26.2</del> 39
2004	4910	746	2210	336	<del>24.5</del> 37
2005	4920	787	2215	354	<del>24.6</del> 39
2006	4800	888	2160	400	<del>34</del> 44
2007	4600	994	2070	448	<del>30.0</del> 49
2008	4680	600	2106	270	28.1

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- [ ] System distribution factors.
- 3 [ X ] Other Estimation 90/10

5. METHOD FOR ESTIMATING TOTAL TRUCKS, GPS LANE, AADT.
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6. METHOD FOR ESTIMATING ESAL/YEAR IN GPS LANE.
- [ ] X [ ] ESAL/Truck factor.
- [ ] ESAL/vehicle class
- [ ] Sytem distribution factors - \_\_\_\_ # of classes.
- [ ] Other \_\_\_\_\_

7. ESAL ESTIMATES - SOURCE OF DATA.
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- [ ] Other \_\_\_\_\_

8. WEIGHT SCALE TYPE.
- [ ] WIM scale.
- [ ] Static scale used for enforcement.
- [ ] Static scale not used for enforcement.
- 4 [ X ] Other NA - Classification site

ENTERED APR 08 2009

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DATE PREPARED	<u>02/25/2009</u>		