

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]

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

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 50/50

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

- [] System distribution factors.
[X] Other Estimation 50/50

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 Rocky W. Hook
DATE PREPARED 04/12/1999

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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	459 122	306	70 61	4.4

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| <p>2. METHODS FOR ESTIMATING TOTAL VEHICLE AADT (TWO-WAY).</p> <p><input type="checkbox"/> Growth factored last year's estimate.</p> <p><input checked="" type="checkbox"/> Estimated based on volume counts at nearby locations.</p> <p><input type="checkbox"/> Used computerized network analysis.</p> <p><input type="checkbox"/> Other _____</p> | <p>5. METHOD FOR ESTIMATING TOTAL TRUCKS, GPS LANE, AADT.</p> <p><input type="checkbox"/> Sytem distribution factors.</p> <p><input checked="" type="checkbox"/> Other <u>Estimation 50/50</u></p> |
| <p>3. METHOD FOR ESTIMATING TOTAL TRUCK AADT (TWO-WAY).</p> <p><input type="checkbox"/> Used system average from counts taken this year.</p> <p><input checked="" type="checkbox"/> Used count data from nearby sites.</p> <p><input type="checkbox"/> Used count data from previous years at GPS site.</p> <p><input type="checkbox"/> Used system average from previous years count.</p> <p><input type="checkbox"/> Used computerized network analysis.</p> <p><input type="checkbox"/> Other _____</p> | <p>6. METHOD FOR ESTIMATING ESAL/YEAR IN GPS LANE.</p> <p><input checked="" type="checkbox"/> ESAL/Truck factor.</p> <p><input type="checkbox"/> ESAL/vehicle class</p> <p><input type="checkbox"/> Sytem distribution factors - ____ # of classes.</p> <p><input type="checkbox"/> Other _____</p> |
| <p>4. METHOD FOR ESTIMATING TOTAL VEHICLES GPS LANE AADT.</p> <p><input type="checkbox"/> System distribution factors.</p> <p><input checked="" type="checkbox"/> Other <u>Estimation 50/50</u></p> | <p>7. ESAL ESTIMATES - SOURCE OF DATA.</p> <p><input type="checkbox"/> Prior years data collected at GPS site.</p> <p><input type="checkbox"/> Current year system average.</p> <p><input checked="" type="checkbox"/> Prior year system average.</p> <p><input type="checkbox"/> Historical W-4 tables.</p> <p><input type="checkbox"/> Other _____</p> |
| <p>8. WEIGHT SCALE TYPE.</p> <p><input type="checkbox"/> WIM scale.</p> <p><input type="checkbox"/> Static scale used for enforcement.</p> <p><input type="checkbox"/> Static scale not used for enforcement.</p> <p><input checked="" type="checkbox"/> Other <u>NA - Classification site</u></p> | |

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
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