

file 800-12.14.8.12

<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	[ 8 2 ]
	*SHRP SECTION ID	[ 6 0 0 7 ]

**EB Highway-1 KM 123**  
**VANCOUVER, BC**

**1. ANNUAL TRAFFIC ESTIMATES**

*YEAR	ESTIMATED TOTAL VEHICLES AADT (2 Lane Total NB)	ESTIMATED TOTAL TRUCK AADT (2 Lane Total NB)	ESTIMATED TOTAL VEHICLES AADT LTPP LANE	*ESTIMATED TOTAL TRUCKS AADT LTPP LANE	*ESTIMATED ESAL'S/YR LTPP LANE (1000'S)
<u>1997</u>	<u>11400</u>	<u>2280</u>	<u>9120</u>	<u>2050</u>	<u>1469</u>

**2. METHOD FOR ESTIMATING TOTAL VEHICLE AADT**  
**(2 LANE TOTAL EB)**

- ☐ 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) Estimated based on previous and post annual data at nearby perm count station

**3. METHOD FOR ESTIMATING TOTAL TRUCK AADT**  
**(2 LANE TOTAL EB)**

- ☐ 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: (9) Continuous AVC (length) Data Collected approx 30 km east of LTPP site from 2000 to 2003 and confirmed by manual 8 hour survey in 2003

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

- ☐ System distribution factors. (2)
- ☐ Based on actual lane count data. (1)
- ☒ Other: (3) Average Lane distribution (0.80) from traffic count data at the permanent counter from 1998 to 2002 noted in response #2

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

- ☐ System distribution factors. (2)
- ☐ Based on actual lane data count. (1)
- ☒ Other: (3) AVC Length Data for Both Lanes and assumed distribution factor of 0.9

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

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

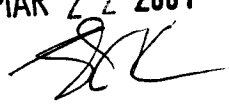
**7. ESAL ESTIMATES - SOURCE OF DATA**

- ☐ 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) Adjusted LEF's based on nearby Weigh Scale Data

**8. WEIGHT SCALE TYPE**

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

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DATE PREPARED <u>February, 2004</u>	rev. March 1

**SEE ATTACHED SPREADSHEET PRINTOUT FOR MORE DETAILS**  
**ENTERED MAR 22 2004**  


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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>1997</u>	<u>20150</u>	<u>2425</u>	<u>8350</u>	<u>1000</u>	<u>1103</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 - 2  
 Number of classes  
☐ Other \_\_\_\_\_

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

- ☒ System distribution factors.  
☐ Other 0.9

## 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 adjusted LEP's  
based on weigh  
scale data

## 8. WEIGHT SCALE TYPE

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

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 DATE PREPARED MAY/98