

**SHEET 10**  
**LTPP TRAFFIC DATA**  
**TRAFFIC VOLUME AND LOAD**  
**ESTIMATE UPDATE-NO SITE COUNT**

\*STATE ASSIGNED ID [ \_ \_ \_ ]  
 \*STATE CODE [ 8 2 ]  
 \*SHRP SECTION ID [ 6 0 0 6 ]

**NB Highway-99 KM 22.1**  
**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>2007</u>	<u>18292</u>	<u>1829</u>	<u>9146</u>	<u>1646</u>	<u>1142</u>

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

- \_\_\_\_\_ 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) Permanent Traffic Counting Station at Mathews Road Interchange for both fast and slow lanes in Northbound Direction

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

- \_\_\_\_\_ 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) 4 months (Jan, May, Aug, Oct) of continuous AVC (length) Data Collected at LTPP site in 2002 in GPS Lane only 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 (0.50) from traffic count data at the permanent counter from 2000 to 2002

**\*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) 2  
 \_\_\_\_\_ 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) LEF's based on 7 hr survey at nearby Weigh Scale

**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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