

**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>2011</u>	<u>25600</u>	<u>2560</u>	<u>12800</u>	<u>2304</u>	<u>1598</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)
- x 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)
- x 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)
- x 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)
- x 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)
- x 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)
- x 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)
- x Static scale used for enforcement. (2)
- _____ Static scale not used for enforcement. (3)
- _____ Other: (4) _____

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ENTERED
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