

**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>2004</u>	<u>17870</u>	<u>1785</u>	<u>8935</u>	<u>1610</u>	<u>1116</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)

NAME OF PREPARER Shawn Landers for BCMoT PHONE # 250-952-5640
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