

**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)
1993	15540	1555	7770	1400	970

**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 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) 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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 DATE PREPARED February, 2004 rev. March 1

SEE ATTACHED SPREADSHEET PRINTOUT FOR MORE DETAILS

ENTERED MAR 22 2004

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SHEET 10 LTPP TRAFFIC DATA TRAFFIC VOLUME AND LOAD ESTIMATE UPDATE - NO SITE COUNT	STATE ASSIGNED ID [<u> 1 </u>] STATE CODE [<u>82</u>] SHRP SECTION ID [<u>6006</u>]
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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>1993</u>	<u>39250</u>	<u>2350</u>	<u>16975</u>	<u>1025</u>	<u>706</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 LEF'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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