

**SHEET 10
LTPP TRAFFIC DATA**

**TRAFFIC VOLUME AND LOAD
ESTIMATE UPDATE-NO SITE COUNT**

*STATE ASSIGNED ID [_ _ _]

*STATE CODE [8 2]

*SHRP SECTION ID [1 0 0 5]

**SB Highway-5 KM 42.7
MERRITT, BC**

1. ANNUAL TRAFFIC ESTIMATES

*YEAR	ESTIMATED TOTAL VEHICLES AADT (2 Lane Total SB)	ESTIMATED TOTAL TRUCK AADT (2 Lane Total SB)	ESTIMATED TOTAL VEHICLES AADT LTPP LANE	*ESTIMATED TOTAL TRUCKS AADT LTPP LANE	*ESTIMATED ESAL'S/YR LTPP LANE (1000'S)
<u>2007</u>	<u>5072</u>	<u>812</u>	<u>3804</u>	<u>730</u>	<u>627</u>

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

- ☐ 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 P-17-8NS Route 5, 12.0 km North of Route 3

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

- ☐ 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 2-way (NB and SB) truck classification data collected at toll plaza north of site with data from 1993 to 2005

**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 (0.75) from traffic count data at the permanent counter from 2001 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) VC 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) 4
- ☐ 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 Weight 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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