

file 800.12.148.12

<b>SHEET 10</b> <b>LTPP TRAFFIC DATA</b>  <b>TRAFFIC VOLUME AND LOAD</b> <b>ESTIMATE UPDATE-NO SITE COUNT</b>	*STATE ASSIGNED ID [ _ _ _ ]  *STATE CODE [ 8 2 ]  *SHRP SECTION ID [ 1 0 0 5 ]
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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>1999</u>	<u>3700</u>	<u>520</u>	<u>2780</u>	<u>465</u>	<u>394</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 Station near LTPP site

**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 2002

**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 Weigh 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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**SEE ATTACHED SPREADSHEET PRINTOUT FOR MORE DETAILS**

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