

**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>2009</u>	<u>5145</u>	<u>823</u>	<u>3859</u>	<u>741</u>	<u>636</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 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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