

<p align="center">SHEET 1</p> <p align="center"><b>LTPP TRAFFIC DATA</b></p> <p align="center"><b>SUMMARY TRANSMITTAL FORM</b></p>	*STATE ASSIGNED ID [8 2 1 8]
	*STATE CODE [8 2]
	*SHRP SECTION ID [6 0 0 8]

STATE OR PROVINCE British Columbia COUNTY Region 1

HIGHWAY ROUTE NO. 99 MILEPOST# 14.03

NEAREST CITY/TOWN Delta NEAREST INTERSECTION Hwy 17

FUNCTIONAL CLASS 02 NO. LANES EACH DIRECTION 2 TOTAL NO. LANES 4

DIRECTION OF TRAVEL GPS LANE 2 DATE OPENED TO TRAF. 01-01-65

06-01-77  
MPT

FIPS COUNTY CODE \_\_\_\_\_ FHWA STATION IDENTIFICATION NO. \_\_\_\_\_

HPMS SAMPLE NO. \_\_\_\_\_ HPMS SUBDIVISION NO. \_\_\_\_\_

TYPE OF PAVEMENT: AC x PCC \_\_\_\_\_ OTHER \_\_\_\_\_

CONTROL OF ACCESS: YES x NO \_\_\_\_\_ MEDIAN: YES x NO \_\_\_\_\_

CURRENT SURROUNDING DEVELOPMENT:  
 URBAN \_\_\_\_\_ SUBURBAN x RURAL \_\_\_\_\_

HAS INTENSITY OF ROADSIDE DEVELOPMENT INCREASED OVER PAST 10 YEARS?

YES \_\_\_\_\_ NO x

IF YES, DESCRIBE CHANGES \_\_\_\_\_

\_\_\_\_\_  
 \_\_\_\_\_

NOTE: ATTACH ALL RELATED FORMS AND COUNT DATA AND SUBMIT TO THE

SHRP REGIONAL OFFICE. ATTACH MAP INDICATING THE LOCATION

EACH TRAFFIC COUNT, VEHICLE CLASSIFICATION COUNT, OR WEIGHT

STATION RELATIVE TO THIS GPS TEST SECTION.

**ENTERED**  
 FEB 05 1992  
 BY WJ

NAME OF PREPARER <u>A. Aderichin</u>	PHONE # <u>604-387-7708</u>
DATE PREPARED <u>Jan 21, 1992</u>	

SHRP Site #1 82-6006

Hwy 99 - 2.2 km west of the Hwy 10 overpass

Count location used:

16- 8 Rte 99, 0.2 km south of Rte 17 at Ladner I/C

Directional Split estimated at 50/50

\* - indicates information from actual studies

YEAR	TOTAL VEHICLE AADT (TWO-WAY)	%TRUCK CLASS. (TWO-WAY)	TOTAL TRUCK AADT (TWO-WAY)	TOTAL VEHICLE AADT GPS LANE	TOTAL TRUCK AADT GPS LANE	ESAL'S /YEAR GPS LANE
1990	32843 *	5.5%*	1806	16422	903	191508
1989	37985 *	5.5%	2089	18993	1045	217993
1988	36241 *	5.5%	1993	18121	997	209063
1987	32658 *	5.5%	1796	16329	898	190546
1986	37742 *	5.5%	2076	18871	1038	216752
1985	36917 *	5.5%	2030	18459	1015	212531
1984	35413 *	5.5%	1948	17707	974	204805
1983	35437 *	5.5%	1949	17719	975	204928
1982	33417 *	5.5%	1838	16709	919	194489
1981	34188 *	5.5%	1880	17094	940	198482
1980	29207 *	5.5%	1606	14604	803	172476
1979	28984 *	5.5%	1594	14492	797	171300
1978	25264 *	5.5%	1390	12632	695	151512
1977	23946	5.5%	1317	11973	659	144417
1976	22966	5.5%	1263	11483	632	139117
1975	22441	5.5%	1234	11220	617	136264
1974	21363	5.5%	1175	10682	587	130386
1973	19833	5.5%	1091	9916	545	121980
1972	17749	5.5%	976	8875	488	110412
1971	16198	5.5%	891	8099	445	101700
1970	15082	5.5%	830	7541	415	95374
1969	14358 x	5.5%	790	7179	395	91242
1968	13329 x	5.5%	733	6665	367	85333
1967	11929 x	5.5%	656	5964	328	77207
1966	10886 x	5.5%	599	5443	299	71089
1965	10136 x	5.5%	557	5068	279	66649

x - estimated from % change from 1970 - 1975

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FEB 05 1992

By UV

# **LTPP TRAFFIC DATA PROCEDURES FOR ESTIMATING ANNUAL AVERAGE VOLUMES AND TOTAL ANNUAL ESALS**

\*STATE ASSIGNED ID [8 2 1 8]

\*STATE CODE 8 2 1

\*SHRP SECTION ID [6 0 0 6]

1. Year Applicable 1965 - 1990

## 2. METHOD FOR ESTIMATING AADT

- ☐ Factored a single count taken this year at the GPS site.  
☐ Averaged multiple counts taken this year at the GPS site.  
☐ Averaged and factored multiple counts taken this year at the GPS site.  
☐ Growth factored last year's estimate.  
☒ Estimated based on volume counts at nearby locations.  
☐ Used flow maps.  
☐ Used computerized network analyses.  
☐ Other: \_\_\_\_\_

## 3. METHOD FOR ESTIMATING TRUCK VOLUMES OR PERCENTAGES

- ☐ Used a single count taken this year at the GPS site.  
☐ Factored a single count taken this year at the GPS site.  
☐ Averaged multiple counts taken this year at the GPS site.  
☐ Used system averages from counts taken this year.  
☐ Used count data from nearby sites.  
☐ Used count data taken in earlier years at the GPS site.  
☐ Used system averages taken in earlier years at the GPS site.  
☐ Used computerized network analyses.  
☒ Other: Used manual count from one year and assumed to be similar for other years

## 4. METHOD FOR ESTIMATING AADT BY GPS LANE

- ☐ Based on actual lane count data.  
☐ System distribution factors.  
☒ Other: Assumed 50/50 split in directional traffic

## 5. METHOD FOR ESTIMATING TRUCK AADT IN GPS LANES

- ☐ Based on actual lane count data.  
☐ System distribution factors.  
☒ Other: Assumed 50/50 split in truck traffic

## 6. METHOD FOR ESTIMATING ESAL/VEHICLE

- ☐ ESAL/Truck.  
☐ ESAL/Vehicle class. (no. of classes) \_\_\_\_\_  
☒ Other: Calculated from AADT est. & classification estimates

## 7. ESAL ESTIMATES

## (A) Source of Data

- ☐ Weight data collected at GPS site this year.  
☐ Weight data collected at GPS site prior years.  
☐ Weight data from system averages this year.  
☐ Weight data from system averages prior years.  
☐ Weight data from historic W-4 Tables used.  
☒ Other: SHRP Equations

## (B) Weight Scale Type

- ☐ WIM scale.  
☒ Static scale used for enforcement.  
☐ Static scale not used for enforcement.  
☐ Other: \_\_\_\_\_

ENTERED

FEB 05 1992

By

WJ

NAME OF PREPARER Michael Goodhelpson PHONE # 356-9321  
DATE PREPARED Jan. 20, 1992