

SHEET 1 LTPP TRAFFIC DATA SUMMARY TRANSMITTAL FORM	*STATE ASSIGNED ID [6002] *STATE CODE [53] *SHRP SECTION ID [6020]
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STATE OR PROVINCE WASHINGTON COUNTY CHELAN
 HIGHWAY ROUTE NO. SR 2 MILEPOST# 112.57-112.87 EB
8 mi E/O JCT SR 97
 NEAREST CITY/TOWN CASHMERE NEAREST INTERSECTION _____
 FUNCTIONAL CLASS 2 NO. LANES EACH DIRECTION 2 TOTAL NO. LANES 4
 DIRECTION OF TRAVEL GPS LANE EB DATE OPENED TO TRAF. 11-01-87 ⁶⁻⁰¹⁻⁷⁸ MPT
 FIPS COUNTY CODE 4 FHWA STATION IDENTIFICATION NO. —
 HPMS SAMPLE NO. 500 204 060 090 HPMS SUBDIVISION NO. 0
 TYPE OF PAVEMENT: AC X PCC _____ OTHER _____
 CONTROL OF ACCESS: YES _____ NO X MEDIAN: YES X NO _____
 CURRENT SURROUNDING DEVELOPMENT:
 URBAN _____ SUBURBAN _____ RURAL X
 HAS INTENSITY OF ROADSIDE DEVELOPMENT INCREASED OVER PAST 10 YEARS?
 YES X NO _____
 IF YES, DESCRIBE CHANGES SEE NOTES ATTACHED

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

ENTERED
 DEC 06 1991
 SHRP REGIONAL OFFICE. ATTACH MAP INDICATING THE LOCATION OF
 EACH TRAFFIC COUNT, VEHICLE CLASSIFICATION COUNT, OR WEIGHT

By WJ STATION RELATIVE TO THIS SECTION. ENTERED

AUG 19 1991

ENTERED
MAR 12 1991

By _____ By _____
 NAME OF PREPARER BARBARA HORTZOG PHONE (206) 753-1422
 DATE PREPARED 11-26-90 SCAN 234-1422

SHEET LTPP TRAFFIC DATA TRAFFIC VOLUMES AND LOAD ESTIMATES	STATE ASS. JED ID 160021
	STATE CODE PO1 1531
	SHRP SECTION ID 160201 ←

Cashmere SR2

YEAR	1. ESTIMATED TOTAL VEHICLES AADT (TWO-WAY)	2. ESTIMATED TOTAL TRUCK AADT (TWO-WAY)	① * .481 * .74 3. ESTIMATED TOTAL VEHICLES AADT GPS LANE (EB-LANE-1)	③ * .1535 4. ESTIMATED TOTAL TRUCKS AADT GPS LANE	5. ESTIMATED ESAL'S / YR GPS LANE (1000's)
1989					
1988					
1987					
1986					
1985	14200 16%	1420	5054	523	206.2
1984	12000 11%	1320	4271	442	171.2
1983	11200 11%	1232	3987	413	157.1
1982	12800 9%	1152	4556	472	176.4
1981	12700 13%	1651	4520	468	171.6
1980	12400 13%	1612	4414	457	164.5
1979	12500 12%	1500	4449	460	162.4
1978	11800 12%	1416	4200	435	150.6
1977	11200 11%	1232	3986	413	140.2
1976	10600 12%	1272	3773	390	129.6
1975	9800 11%	1078	3488	361	117.5
1974	8800 11%	968	3132	324	103.2
1973	8800 11%	968	3132	324	101.1
1972	8400 11%	924	2990	309	94.3
1971	8300 8%	664	2954	306	91.3
1970	7500 8%	600	2667	276	80.4
1969	7500 8%	600	2667	276	78.5
1968	4850 8%	388	1726	179	49.7
1967	4350 8%	348	1548	160	43.3
1966	4200 8%	336	1495	155	40.9
1965	4200 13%	546	1495	155	39.8

NAME OF PREPARER Mark Funch / Barbara He1206 PHONE # (360) - 753 - 6825
 DATE PREPARED 4/27/00

SHEET 2 LTPP TRAFFIC DATA TRAFFIC VOLUMES AND LOAD ESTIMATES	*STATE ASSIGNED ID [6002] *STATE CODE [53] *SHRP SECTION ID [6020]
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YEAR	1. ESTIMATED TOTAL VEHICLES AADT (TWO-WAY) (Seasonally adj.)	%	2. ESTIMATED TOTAL TRUCK AADT (TWO-WAY) (1) * %	3. ESTIMATED TOTAL VEHICLES AADT GPS LANE (1) * .48 / (2) * .74	4. ESTIMATED TOTAL TRUCKS AADT GPS LANE (3) * .1035	5. ESTIMATED ESAL'S / YR GPS LANE (1000's)
1989	15600	11%	1716	5552	575	242.4
1988	14700	12%	1764	5232	542	224.8
1987	14400		1728	5125	530	216.2
1986	13140		1577	4730	490	196.5
1985						
1984						
1983						
1982						
1981						
1980						
1979						
1978						
1977						
1976						
1975						
1974				ENTERED		
1973				AUG 19 1991		
1972						
1971			ENTERED	By		
1970			DEC 06 1991			
1969				ENTERED		
1968			By LW	MAR 12 1991		
1967				By		
1966						
1965						

NAME OF PREPARER <u>B. Hartog</u>	PHONE # <u>(206) 753-1422</u>
DATE PREPARED <u>11-26-90</u>	

Source
ATR
MP 113, 21
W. LEG

SHEET 3

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

*STATE ASSIGNED ID 6002*STATE CODE 53*SHRP SECTION ID 60201. Year Applicable 87-89

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.
- 87-89 ☒ 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.
- 87-89 Other: RATIOS FROM CLASSIFIED
6 mi to SOUTH-1989-Sheet #5

4. METHOD FOR ESTIMATING AADT BY GPS LANE

- ☐ Based on actual lane count data.
- ☐ System distribution factors.
- ☒ Other: FROM #3 ABOVE SITE COUNT

5. METHOD FOR ESTIMATING TRUCK AADT IN GPS LANES

- ☐ Based on actual lane count data.
- ☐ System distribution factors.
- 87-89 Other: RATIO FROM SHEET #5

6. METHOD FOR ESTIMATING ESAL/VEHICLE

- ☐ ESAL/Truck.
- ☐ ESAL/Vehicle class. (no. of classes) _____
- ☒ Other: WASH. STATE USES A FACTOR
DERIVED FROM AASHTO DESIGN
COMPARED TO TRUCKS BY TYPES

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: _____

(B) Weight Scale Type

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

DEC 06 1991

By LLV

ENTERED ENTERED

MAR 12 1991

AUG 19 1991

By _____ By _____

NAME OF PREPARER B. HartleyPHONE (206) 753-1422DATE PREPARED 11-26-90

SHEET 4 LTPP TRAFFIC DATA TRAFFIC VOLUME COUNTS	*STATE ASSIGNED ID [6002] *STATE CODE [53] *SHRP SECTION ID [6020]
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HIGHWAY ROUTE NO. (THIS COUNT) SR2
 MILEPOST# OR LOCATION (THIS COUNT) 111.99 LEG 2
 BEGINNING DATE 8-27-89 ENDING DATE 8-31-89
 BEGINNING TIME 00 ENDING TIME 00
 COUNT DURATION 72 ☒ HOURS ☐ DAYS ☐ MONTHS
 TYPE OF COUNTER PORTABLE NAME/MODEL # GK/7000
 TYPE OF COUNT: TWO-WAY ☐ ONE DIRECTION ONLY ☐ GPS TEST LANE ONLY ☐

<u>ITEM</u>	<u>ACTUAL COUNTS</u>	<u>UNITS</u>
1. TOTAL NO. OF VEHICLES (RAW COUNT)	<u>19468</u>	(1 day av.)
2. ADJUSTMENT FACTORS (FILL IN AS APPLICABLE):		
A. ADJUSTMENT TO 24-HOUR COUNT	<u>---</u>	
B. AXLE CORRECTION FACTOR	<u>.9003</u>	
C. DAY OF WEEK FACTOR	<u>---</u>	
D. MONTH FACTOR (f dw)	<u>.830</u>	
E. OTHER FACTOR (_____)	<u>---</u>	
3. ANNUAL AVERAGE DAILY TRAFFIC (AADT) (TWO-WAY)	<u>14547</u>	
4. DIRECTIONAL DISTRIBUTION FACTOR	<u>.515</u>	
5. GPS LANE DISTRIBUTION FACTOR (SHEET 5)	<u>.740</u>	
6. AADT GPS LANE	<u>5544</u>	

ENTERED
 APR 09 1992
 By uw

ENTERED

NOTE: COMPLETE ONE SHEET FOR EACH COUNTING SESSION. MAR 12 1991

NAME OF PREPARER <u>B. Hartog</u> DATE PREPARED <u>11-26-90</u>	ENTERED BY <u>---</u> AUG 19 1991 By <u>---</u>	PHONE # <u>(206) 753-1422</u>
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SHEET 1

LTPP TRAFFIC DATA

VEHICLE CLASSIFICATION DATA
FHWA 13-CLASS SYSTEM

*STATE ASSIGNED ID [6002]

*STATE CODE [53]

*SHRP SECTION ID [6020]

HIGHWAY RT. NO. (THIS COUNT) 2 MILEPOST# (THIS COUNT) 105.89LOCATION (THIS COUNT) JCT SR2 & SR97, W LRG FUNCTIONAL CLASS 2BEGINNING DATE 9-26-89 ENDING DATE 9-26-89BEGINNING TIME 00 ENDING TIME 06 DURATION (HRS) 24TYPE OF COUNT: MANUAL AUTOMATED X NO. OF LANES COUNTED 4 ^{021em 12/1/2004}TYPE OF EQUIP.: AVC PERM. AVC PORT. X WIM PERM. WIM PORT. EQUIPMENT NAME / MODEL # GK 6000 ^{14784 1745 021em 12/1/2004}TOTAL NO. OF VEHICLES CLASSIFIED 14784 * TRUCKS 1745 % TRUCKS 11.80%NO. OF TRUCKS IN GPS LANE ~~245~~ % OF TRUCKS IN GPS LANE 10.35VEHICLE CLASSIFICATION METHOD: FHWA X OTHER # BINS

NOTE: IF THIS COUNT DOES NOT USE THE FHWA 13-BIN CLASSIFICATION SYSTEM USE SHEET 6. PLEASE
DESCRIBE ON AN ATTACHED PAGE THE VEHICLE CLASSIFICATION SYSTEM USED BY THE AGENCY AND
COMPLETE SHEET 7 DESCRIBING HOW THE SHA WOULD EXPAND OR COLLAPSE THE USER
CLASSIFICATION SYSTEM TO CORRESPOND WITH THE FHWA 13 CLASSES.

APR 19 1992

VEHICLE CLASSES

TOTAL NUMBER
OF VEHICLES
TWO-WAYTOTAL NUMBER
OF VEHICLES
GPS DIRECTIONTOTAL NUMBER
OF VEHICLES
GPS LANE

1. FHWA CLASSES 1-3 (Cars, Motorcycles, Vans)	<u>13039</u>	<u>6418</u>	<u>4720</u>
2. FHWA CLASS 4 (Buses)	<u>66</u>	<u>29</u>	<u>24</u>
3. FHWA CLASS 5 (Two Axle, 6-Tire, SU Truck)	<u>478</u>	<u>160</u>	<u>99</u>
4. FHWA CLASS 6 (3 AXLE SU TRUCK)	<u>123</u>	<u>68</u>	<u>54</u>
5. FHWA CLASS 7 (4 or more Axle SU Truck)	<u>10</u>	<u>3</u>	<u>3</u>
6. FHWA CLASS 8 (4 or less axle 1-Trlr.Truck)	<u>214</u>	<u>107</u>	<u>87</u>
7. FHWA CLASS 9 (5 Axle, 1-Trlr.Truck)	<u>614</u>	<u>259</u>	<u>215</u>
8. FHWA CLASS 10 (6 or more Axle, 1-Trlr.Truck)	<u>59</u>	<u>21</u>	<u>19</u>
9. FHWA CLASS 11 (5 or less Axle, Multi-Trlr.Truck)	<u>21</u>	<u>7</u>	<u>7</u>
10. FHWA CLASS 12 (6 Axle, Multi-Trlr.Truck)	<u>32</u>	<u>7</u>	<u>7</u>
11. FHWA CLASS 13 (7 or more Axle, Multi-Trlr.Truck)	<u>130</u>	<u>33</u>	<u>30</u>
12. OTHER VEHICLES	<u>14784</u>	<u>7112</u>	<u>5265</u>

GRAND TOTAL

NAME OF PREPARER B. HartDATE PREPARED 11-26-90

ENTERED

PHONE # (204) 253-1923

ENTERED

AUG 19 1991

MAY 08 1991

By By