

SHRP #11

SHEET 1 LTPP TRAFFIC DATA SUMMARY TRANSMITTAL FORM	*STATE ASSIGNED ID [1097] *STATE CODE [53] *SHRP SECTION ID [1006]
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STATE OR PROVINCE WA COUNTY OKANOGAN

HIGHWAY ROUTE NO. 97 MILEPOST# 251.33-251.63 SB

NEAREST CITY/TOWN PATEROS NEAREST INTERSECTION 2 mi S/O SR 153

FUNCTIONAL CLASS 2 NO. LANES EACH DIRECTION 1 TOTAL NO. LANES 2

DIRECTION OF TRAVEL GPS LANE SB DATE OPENED TO TRAF. 12-01-93 *REMOVED*

FIPS COUNTY CODE 24 047 FHWA STATION IDENTIFICATION NO. -

HPMS SAMPLE NO. 509 724 010 003 HPMS SUBDIVISION NO. 4

TYPE OF PAVEMENT: AC L PCC        OTHER       

CONTROL OF ACCESS: YES        NO L MEDIAN: YES        NO L

CURRENT SURROUNDING DEVELOPMENT:  
URBAN        SUBURBAN        RURAL L

HAS INTENSITY OF ROADSIDE DEVELOPMENT INCREASED OVER PAST 10 YEARS?  
YES L NO         
IF YES, DESCRIBE CHANGES SEE NOTES ATTACHED

ENTERED

MAR 12 1991 ENTERED

By        DEC 06 1991

NOTE: ATTACH ALL RELATED FORMS AND COUNT DATA AND SUBMIT TO THE  
SHRP REGIONAL OFFICE. ATTACH MAP INDICATING THE LOCATION OF  
EACH TRAFFIC COUNT, VEHICLE CLASSIFICATION COUNT, OR WEIGHT  
STATION RELATIVE TO THIS GPS TEST SECTION.

NAME OF PREPARER <u>BARBARA HEATZOG</u> PHONE <u>(206) 753-1422</u>
DATE PREPARED <u>2-12-90</u> SCAN: <u>234-1422</u>

## SHEET 2

## LTPP TRAFFIC DATA

TRAFFIC VOLUMES  
AND LOAD ESTIMATES

\*STATE ASSIGNED ID [1097]

\*STATE CODE [53]

\*SHRP SECTION ID [1006]

YEAR	1. ESTIMATED TOTAL VEHICLES AADT (TWO-WAY)	2. ESTIMATED TOTAL TRUCK AADT (TWO-WAY) ① * % trucks	3. ESTIMATED TOTAL VEHICLES AADT GPS LANE ① * .516	4. ESTIMATED TOTAL TRUCKS AADT GPS LANE ③ * 18.5%	5. ESTIMATED ESAL'S/YR GPS LANE (1000's)
1989	2600	385	1340	248	104.6
1988	2500	370	1290	239	99.1
1987	2930	293	1510	280	144.2
1986	2930	293	1510	280	112.3
1985	2610	261	1350	249	98.2
1984	2400	240	1240	229	88.7
1983	2560	256	1320	244	92.8
1982					
1981					
1980					
1979					
1978					
1977					
1976					
1975					
1974					
1973					
1972					
1971					
1970					
1969					
1968					
1967					
1966					
1965					

ENTERED

MAR 12 1991

ENTERED

By

DEC 06 1991

By

NAME OF PREPARER BARBARA HEATZOG

PHONE (206) 753-1422

DATE PREPARED 12-12-90

SCAN: 234-1422

## SHEET 3

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

\*STATE ASSIGNED ID [1097]

\*STATE CODE [53]

\*SHRP SECTION ID [1006]

1. Year Applicable 83-89

## 2. METHOD FOR ESTIMATING AADT

88 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.

89 Growth factored last year's estimate.83-87 87 Estimated based on volume counts at nearby locations.

Used flow maps.

Used computerized network analyses.

Other: \_\_\_\_\_

## 3. METHOD FOR ESTIMATING TRUCK VOLUMES OR PERCENTAGES

88 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.

89 Used count data taken in earlier years at the GPS site.

Used system averages taken in earlier years at the GPS site.

83-87 87 Used computerized network analyses.

Other: \_\_\_\_\_

## 4. METHOD FOR ESTIMATING AADT BY GPS LANE

88 Based on actual lane count data.

System distribution factors.

83-87 89 Other: RATIO FROM 88

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

88 Based on actual lane count data.

System distribution factors.

83-87 89 Other: RATIO FROM 88

## 6. METHOD FOR ESTIMATING ESAL/VEHICLE

ESAL/Truck.

ESAL/Vehicle class. (no. of classes)-\_\_\_\_\_

Other: \_\_\_\_\_

## 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: \_\_\_\_\_

ENTERED ENTERED

MAR 12 1991

DEC 06 1991

By \_\_\_\_\_ By \_\_\_\_\_

NAME OF PREPARER BARBARA HEATZOLPHONE (204) 753-1422DATE PREPARED 12-12-90

SCAN: 234-1422

<p align="center">SHEET 4</p> <p align="center">LTPP TRAFFIC DATA</p> <p align="center">TRAFFIC VOLUME COUNTS</p>	*STATE ASSIGNED ID [1027]
	*STATE CODE [53]
	*SHRP SECTION ID [1006]

HIGHWAY ROUTE NO. (THIS COUNT) 97

MILEPOST# OR LOCATION (THIS COUNT) 251.5

BEGINNING DATE 9-20-88 ENDING DATE 9-20-88

BEGINNING TIME 00 ENDING TIME 00

COUNT DURATION 24 [✓] HOURS [ ] DAYS [ ] MONTHS

TYPE OF COUNTER GK NAME/MODEL # 6000

TYPE OF COUNT: TWO-WAY X 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>2728</u>	
2. ADJUSTMENT FACTORS (FILL IN AS APPLICABLE):		
A. ADJUSTMENT TO 24-HOUR COUNT	<u>  </u>	
B. AXLE CORRECTION FACTOR	<u>  </u>	
C. DAY OF WEEK FACTOR	<u>  </u>	
D. MONTH FACTOR <u>X DW</u>	<u>910</u>	
E. OTHER FACTOR ( <u>  </u> )	<u>  </u>	
3. ANNUAL AVERAGE DAILY TRAFFIC (AADT) (TWO-WAY)	<u>2482</u>	
4. DIRECTIONAL DISTRIBUTION FACTOR	<u>516</u>	
5. GPS LANE DISTRIBUTION FACTOR	<u>  </u>	
6. AADT GPS LANE	<u>1281</u>	

**ENTERED**  
APR 02 1992  
By WW

**ENTERED**  
MAR 12 1991  
By   

NOTE: COMPLETE ONE SHEET FOR EACH COUNTING SESSION.

NAME OF PREPARER <u>BARBARA HERTZOG</u>	PHONE # <u>(206) 753-1422</u>
DATE PREPARED <u>12-12-90</u>	SCAN: <u>234-1422</u>

## LTPP TRAFFIC DATA

VEHICLE CLASSIFICATION DATA  
FHWA 13-CLASS SYSTEM

\*STATE ASSIGNED ID [1097]

\*STATE CODE [53]

\*SHRP SECTION ID [1006]

HIGHWAY RT. NO. (THIS COUNT) 97 MILEPOST# (THIS COUNT) 251.5LOCATION (THIS COUNT) 2 mi S/O Jct SR 153 FUNCTIONAL CLASS 2BEGINNING DATE 9-20-88 ENDING DATE 9-20-88BEGINNING TIME 00 ENDING TIME 01 DURATION (HRS) 24TYPE OF COUNT: MANUAL \_\_\_\_\_ AUTOMATED X NO. OF LANES COUNTED 2 *02lem 12/11/2004*TYPE OF EQUIP.: AVC PERM. \_\_\_\_\_ AVC PORT. X WIM PERM. \_\_\_\_\_ WIM PORT. \_\_\_\_\_EQUIPMENT NAME / MODEL # GK 6000TOTAL NO. OF VEHICLES CLASSIFIED 2728 # TRUCKS 404 % TRUCKS 14.8%NO. OF TRUCKS IN GPS LANE 251 % OF TRUCKS IN GPS LANE 18.5%VEHICLE 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.

## 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)

2324 1148 1148

## 2. FHWA CLASS 4

(Buses)

16 11 ENTERED 11

## 3. FHWA CLASS 5

(Two Axle, 6-Tire, SU Truck)

149 100 AUG 19 1991 100

## 4. FHWA CLASS 6

(3 AXLE SU TRUCK)

13 7 By 7

## 5. FHWA CLASS 7

(4 or more Axle SU Truck)

5 4 ENTERED 4

## 6. FHWA CLASS 8

(4 or less axle 1-Trlr.Truck)

43 24 MAR 11 1991 24

## 7. FHWA CLASS 9

(5 Axle, 1-Trlr.Truck)

119 78 By 78

## 8. FHWA CLASS 10

(6 or more Axle, 1-Trlr.Truck)

4 3 3

## 9. FHWA CLASS 11

(5 or less Axle, Multi-Trlr.Truck)

1 1 ENTERED 1

## 10. FHWA CLASS 12

(6 Axle, Multi-Trlr.Truck)

2 2 MAY 08 1991 2

## 11. FHWA CLASS 13

(7 or more Axle, Multi-Trlr.Truck)

52 31 By 31

## 12. OTHER VEHICLES

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## GRAND TOTAL

2728 1409 1409NAME OF PREPARER BARBARA HERTZOG PHONE # (206) 753-1422DATE PREPARED 12-12-90

SCAN: 234-1422