

SHEET 1 LTPP TRAFFIC DATA SUMMARY TRANSMITTAL FORM	*STATE ASSIGNED ID [3105]
	*STATE CODE [53]
	*SHRP SECTION ID [3011]

STATE OR PROVINCE WA COUNTY WHATCOM
 HIGHWAY ROUTE NO. I-5 MILEPOST# 260.30-260.60 SB
 NEAREST CITY/TOWN FERNDAL NEAREST INTERSECTION 4 mi N/O SR 539
 FUNCTIONAL CLASS 1 NO. LANES EACH DIRECTION 2 TOTAL NO. LANES 4
 DIRECTION OF TRAVEL GPS LANE SB DATE OPENED TO TRAF. 01-77 *By Mr. J. R.*
 FIPS COUNTY CODE 3773 FHWA STATION IDENTIFICATION NO. -
 HPMS SAMPLE NO. 600 537 256 490 HPMS SUBDIVISION NO. 0
 TYPE OF PAVEMENT: AC PCC ✓ OTHER
 CONTROL OF ACCESS: YES ✓ NO MEDIAN: YES ✓ NO
 CURRENT SURROUNDING DEVELOPMENT:
 URBAN SUBURBAN RURAL ✓
 HAS INTENSITY OF ROADSIDE DEVELOPMENT INCREASED OVER PAST 10 YEARS?
 YES ✓ NO
 IF YES, DESCRIBE CHANGES SEE NOTES ATTACHED

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

SHRP REGIONAL OFFICE. ATTACH MAP INDICATING THE LOCATION OF

ENTERED EACH TRAFFIC COUNT, VEHICLE CLASSIFICATION COUNT, OR WEIGHT

DEC 06 1991 STATION RELATIVE TO THIS GPS TEST SECTION.

ENTERED

By WV

MAR 12 1991

NAME OF PREPARER <u>BARBARA HERTZOG</u>	PHONE # <u>(206) 753-1422</u>
DATE PREPARED <u>11-26-90</u>	SCAN: 234-1422

201 SR5 MF 260.3 - 260.60 SB

<div>SHEET 1</div> <div>LTPP TRAFFIC DATA</div> <div>SUMMARY TRANSMITTAL FORM</div>	*STATE ASSIGNED ID [<u>P04</u>]
	*STATE CODE <u>53</u>
	*SHRP SECTION ID [<u>3011</u>]

STATE OR PROVINCE WA COUNTY WHATCOM

HIGHWAY ROUTE NO. I-5 MILEPOST# 260.30-260.60 SB

NEAREST CITY/TOWN _____ NEAREST INTERSECTION _____

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

DIRECTION OF TRAVEL GPS LANE _____ DATE OPENED TO TRAF. _____

* FIPS COUNTY CODE 37-73 FHWA STATION IDENTIFICATION NO. _____

* HPMS SAMPLE NO. 6005370205570 HPMS SUBDIVISION NO. _____

TYPE OF PAVEMENT: AC _____ PCC _____ OTHER _____

CONTROL OF ACCESS: YES _____ NO _____ MEDIAN: YES _____ NO _____

CURRENT SURROUNDING DEVELOPMENT:

URBAN _____ SUBURBAN _____ RURAL _____

HAS INTENSITY OF ROADSIDE DEVELOPMENT INCREASED OVER PAST 10 YEARS?

YES _____ NO _____

IF YES, DESCRIBE CHANGES _____

* CHANGES _____

NOTE: TEST SITE IS ON DIVISION BETWEEN FUNCTIONAL CLASSES, RURAL/URBAN, CITY LIMITS OF FERNDALE, AND ALSO HPMS (2) SECTIONS. SELECTED FC, HPMS IS DESTINATION OF GPS SAMPLE.

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 HORTON</u>	PHONE <u>(360) 753-1422</u>
DATE PREPARED <u>6-22-99</u>	

PART OF TRANSMITTAL #5
6-30-99

SHEET 2

LTPP TRAFFIC DATA

TRAFFIC VOLUMES
AND LOAD ESTIMATES

*STATE ASSIGNED ID [3105]

*STATE CODE [53]

*SHRP SECTION ID [3011]

YEAR	1. ESTIMATED TOTAL VEHICLES AADT (TWO-WAY)	2. ESTIMATED TOTAL TRUCK AADT (TWO-WAY)	3. ESTIMATED TOTAL VEHICLES AADT GPS LANE ⑬* .524* .579	4. ESTIMATED TOTAL TRUCKS AADT GPS LANE ⑬* 11.570	5. ESTIMATED ESAL'S/YR GPS LANE (1000's)
1990	36571	3666	11440	1350	593.1
1989	34700	3470	10854	1281	507.2
1988	31300*	3130	9790	1155	479.3
1987	25500	2550	7976	941	383.9
1986	28210	2821	8824	1041	417.5
1985	18840	1884	5892	695	274.0
1984	19560	1956	6725	794	270.4
1983	18930*	1893	5921	699	266.0
1982	21750	2175	6803	803	300.0
1981	21750	2175	6803	803	294.5
1980	19560*	1956	6120	722	259.8
1979	18200*	1820	5693	672	273.2
1978	21200	2120	6632	783	271.0
1977	19840	1984	6205	732	248.4
1976					
1975					
1974					
1973	* indicates actual count (not necessarily at site).				
1972	otherwise traffic is extrapolation.				
1971	1986! World's Fair at Vancouver B.C.				
1970					
1969					
1968					
1967	ENTERED			ENTERED	
1966	DEC 06 1991			MAR 12 1991	
1965	By <u>LN</u>			By _____	

NAME OF PREPARER BARBARA HENTZCO

PHONE # (206) 753-1422

DATE PREPARED 11-26-90

SHEET 3

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

*STATE ASSIGNED ID [3105]

*STATE CODE [53]

*SHRP SECTION ID [3011]

1. Year Applicable 77-90

2. METHOD FOR ESTIMATING AADT

90 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.

77-89 Estimated based on volume counts at nearby locations.

___ Used flow maps.

___ Used computerized network analyses.

___ Other: _____

3. METHOD FOR ESTIMATING TRUCK VOLUMES OR PERCENTAGES

90 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.

77-89 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: _____

4. METHOD FOR ESTIMATING AADT BY GPS LANE

90 Based on actual lane count data.

___ System distribution factors.

77-89 Other: factor from 1990 count

5. METHOD FOR ESTIMATING TRUCK AADT IN GPS LANES

90 Based on actual lane count data.

___ System distribution factors.

87-89 Other: factor from 1990

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.

87-90 Weight data from system averages prior years.

___ Weight data from historic W-4 Tables used.

___ Other: _____

(B) Weight Scale Type

___ WIM scale.

87-90 Static scale used for enforcement.

___ Static scale not used for enforcement.

___ Other: _____

ENTERED
MAR 12 1991
By 420

ENTERED
DEC 06 1991
By 420

NAME OF PREPARER BARBARA HEITZOG PHONE # (206) 753-1422DATE PREPARED 11-26-90

SHEET 4 LTPP TRAFFIC DATA TRAFFIC VOLUME COUNTS	*STATE ASSIGNED ID [3105]
	*STATE CODE [53]
	*SHRP SECTION ID [3011]

HIGHWAY ROUTE NO. (THIS COUNT) 5 out of 1989 max year

MILEPOST# OR LOCATION (THIS COUNT) 258.30 (N. LEG)

BEGINNING DATE 9-17-90 ENDING DATE 9-19-90

BEGINNING TIME 1800 ENDING TIME 1700

COUNT DURATION 2 [] HOURS ☒ DAYS [] MONTHS

TYPE OF COUNTER GR NAME/MODEL # 7000

TYPE OF COUNT: TWO-WAY ☒ ONE DIRECTION ONLY ☐ GPS TEST LANE ONLY ☐

ITEM	ACTUAL COUNTS	UNITS
1. TOTAL NO. OF VEHICLES (RAW COUNT) (1 DAY AV.)	<u>35859</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>EDW</u>	<u>1.020</u>	
E. OTHER FACTOR (<u> </u>)	<u>-----</u>	
3. ANNUAL AVERAGE DAILY TRAFFIC (AADT) (TWO-WAY)	<u>36571</u>	
4. DIRECTIONAL DISTRIBUTION FACTOR	<u>.524</u>	
5. GPS LANE DISTRIBUTION FACTOR	<u>.522</u>	
6. AADT GPS LANE	<u>11440</u>	

NOTE: COMPLETE ONE SHEET FOR EACH COUNTING SESSION.

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

SHEET 5

LTPP TRAFFIC DATA

VEHICLE CLASSIFICATION DATA
FHWA 13-CLASS SYSTEM

*STATE ASSIGNED ID [3105]

*STATE CODE [53]

*SHRP SECTION ID [3011]

HIGHWAY RT. NO. (THIS COUNT) 5 MILEPOST# (THIS COUNT) 258.30LOCATION (THIS COUNT) JCT. NB ON RAMP FROM BAKERVIEW RD FUNCTIONAL CLASS 1BEGINNING DATE 9-17-90 ENDING DATE 9-19-90BEGINNING TIME 5 PM ENDING TIME 6 PM DURATION (HRS) 48TYPE OF COUNT: MANUAL AUTOMATED ✓ NO. OF LANES COUNTED 4TYPE OF EQUIP.: AVC PERM. AVC PORT. ✓ WIM PERM. WIM PORT. EQUIPMENT NAME / MODEL # GN 7000TOTAL NO. OF VEHICLES CLASSIFIED 35854 (AV.) # TRUCKS 3065 % TRUCKS 8.5NO. OF TRUCKS IN GPS LANE ~~3065~~ % OF TRUCKS IN GPS LANE 11.8VEHICLE CLASSIFICATION METHOD: FHWA ✓ 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-WAY	TOTAL NUMBER OF VEHICLES GPS DIRECTION	TOTAL NUMBER OF VEHICLES GPS LANE
1. FHWA CLASSES 1-3 (Cars, Motorcycles, Vans)	<u>32679</u>	<u>17209</u>	<u>10009</u>
2. FHWA CLASS 4 (Buses)	<u>96</u>	<u>49</u>	<u>24</u>
3. FHWA CLASS 5 (Two Axle, 6-Tire, SU Truck)	<u>802</u>	<u>386</u>	<u>298</u>
4. FHWA CLASS 6 (3 AXLE SU TRUCK)	<u>227</u>	<u>115</u>	<u>108</u>
5. FHWA CLASS 7 (4 or more Axle SU Truck)	<u>26</u>	<u>10</u>	<u>8</u>
6. FHWA CLASS 8 (4 or less axle 1-Trlr.Truck)	<u>237</u>	<u>123</u>	<u>88</u>
7. FHWA CLASS 9 (5 Axle, 1-Trlr.Truck)	<u>1245</u>	<u>688</u>	<u>601</u>
8. FHWA CLASS 10 (6 or more Axle, 1-Trlr.Truck)	<u>93</u>	<u>50</u>	<u>43</u>
9. FHWA CLASS 11 (5 or less Axle, Multi-Trlr. Truck)	<u>38</u>	<u>26</u>	<u>18</u>
10. FHWA CLASS 12 (6 Axle, Multi-Trlr. Truck)	<u>10</u>	<u>6</u>	<u>5</u>
11. FHWA CLASS 13 (7 or more Axle, Multi-Trlr. Truck)	<u>315</u>	<u>183</u>	<u>164</u>
12. OTHER VEHICLES (unknown class)	<u>92</u>	<u>69</u>	<u>72</u>
GRAND TOTAL	<u>35854</u>	<u>18900</u>	<u>11438</u>

ALL ARE
ONE DAY
AVERAGES

NAME OF PREPARER BARBARA HEPTZOG PHONE # (206) 753-1422
DATE PREPARED 11-26-90