

<p>SHEET 1</p> <p>LTPP TRAFFIC DATA</p> <p>SUMMARY TRANSMITTAL FORM</p>	<p>*STATE ASSIGNED ID [6522]</p> <p>*STATE CODE [53]</p> <p>*SHRP SECTION ID [6048]</p>
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REVISION
5-21-91

STATE OR PROVINCE WA COUNTY SNOHOMISH

HIGHWAY ROUTE NO. 522 MILEPOST# 14.60-14.90 EB

NEAREST CITY/TOWN BOTHELL NEAREST INTERSECTION 0.7 mi N/O INT SR9

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

DIRECTION OF TRAVEL GPS LANE EB DATE OPENED TO TRAF. 02-01-77 ¹⁰⁻⁰¹⁻⁷⁶ MPT

FIPS COUNTY CODE 31 FHWA STATION IDENTIFICATION NO. —

HPMS SAMPLE NO. 652231014300 HPMS SUBDIVISION NO. 0

TYPE OF PAVEMENT: AC X PCC — OTHER —

CONTROL OF ACCESS: YES — NO X MEDIAN: YES — NO —

CURRENT SURROUNDING DEVELOPMENT:
URBAN — SUBURBAN X RURAL —

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

Revised: Sheet 2 col 2
5-21-91

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.

ENTERED
ENTERED
JUN 16 1993
By LLV

ENTERED
DEC 06 1991
By —

NAME OF PREPARER <u>BARBARA HEPTZOG</u>	PHONE # <u>(206) 753-1422</u>
DATE PREPARED <u>12-31-90/5-21-91</u>	SCAN <u>234-1422</u>

SHEET 1 LTPP TRAFFIC DATA SUMMARY TRANSMITTAL FORM	*STATE ASSIGNED ID [6522] *STATE CODE [53] *SHRP SECTION ID [6048]
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STATE OR PROVINCE WA COUNTY SNOHOMISH
 HIGHWAY ROUTE NO. 522 MILEPOST# 14.60-14.90 EB
 NEAREST CITY/TOWN BOTHELL NEAREST INTERSECTION ^{0.7 mi N/O} INT SR 9
 FUNCTIONAL CLASS 2 NO. LANES EACH DIRECTION 1 TOTAL NO. LANES 2
 DIRECTION OF TRAVEL GPS LANE EB DATE OPENED TO TRAF. 02-01-77
 FIPS COUNTY CODE 31 FHWA STATION IDENTIFICATION NO. —
 HPMS SAMPLE NO. 652231014300 HPMS SUBDIVISION NO. 0
 TYPE OF PAVEMENT: AC X PCC — OTHER —
 CONTROL OF ACCESS: YES — NO X MEDIAN: YES — NO —
 CURRENT SURROUNDING DEVELOPMENT:
 URBAN — SUBURBAN X RURAL —
 HAS INTENSITY OF ROADSIDE DEVELOPMENT INCREASED OVER PAST 10 YEARS?
 YES — NO —
 IF YES, DESCRIBE CHANGES SEE NOTES ATTACHED

ENTERED

ENTERED

DEC 13 1991

DEC 06 1991

By

By

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 HEINTZOG</u>	PHONE # <u>(206) 753-1422</u>
DATE PREPARED <u>12-31-90</u>	SCAN <u>234-1422</u>

SHEET 2

LTPP TRAFFIC DATA

TRAFFIC VOLUMES
AND LOAD ESTIMATES

*STATE ASSIGNED ID [6522]

*STATE CODE [53]

*SHRP SECTION ID [6048]

YEAR	1. ESTIMATED TOTAL VEHICLES AADT (TWO-WAY)	2. ESTIMATED TOTAL TRUCK AADT (TWO-WAY)	3. ESTIMATED TOTAL VEHICLES AADT GPS LANE (1) * .489	4. ESTIMATED TOTAL TRUCKS AADT GPS LANE (3) * .075	5. ESTIMATED ESAL'S / YR GPS LANE (1000's)
1989	17900	8951342	8753	656	276.6
1988	17200	8601290	8411	631	261.7
1987	18910	9461418	9248	694	283.1
1986	17660	8831324	8638	648	259.9
1985	16920	8461269	8309	623	245.6
1984	NA*	—	—	—	—
1983	NA	—	—	—	—
1982	9216	461691	4507	338	126.3
1981	8832	442662	4319	324	118.8
1980	8352	418626	4084	306	110.1
1979	8160	408612	3990	299	105.6
1978	7296	365547	3568	268	92.8
1977	6816	341511	3333	250	84.8
1976					
1975					
1974					
1973					
1972					
1971					
1970					
1969					
1968	* NA = NOT AVAILABLE				
1967					
1966					
1965					

Entered
original
sheet
2
valuesENTERED
DEC 06 1991

BY ENTERED

JUN 16 1993

By

110

NAME OF PREPARER BARBARA HEATZOL

PHONE (206) 753-1422

DATE PREPARED 12-31-90 5-21-91

SCAN: 234-1422

Revision 5-28-91

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

*STATE ASSIGNED ID [6522]

*STATE CODE [53]

*SHRP SECTION ID [6048]

1. Year Applicable 77-89

2. METHOD FOR ESTIMATING AADT

89, 87 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.88 Growth factored last year's estimate.☐ Estimated based on volume counts at nearby locations.☐ Used flow maps.77-86 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.ALL Other: APPLIED RATIO FROM 1987

4. METHOD FOR ESTIMATING AADT BY GPS LANE

89 Based on actual lane count data.ELSE System distribution factors.Other: RATIO FROM 1987

5. METHOD FOR ESTIMATING TRUCK AADT IN GPS LANES

☐ Based on actual lane count data.☐ System distribution factors.ALL Other: RATIO FROM 1987

6. METHOD FOR ESTIMATING ESAL/VEHICLE

☒ ESAL/Truck.☐ ESAL/Vehicle class. (no. of classes) _____☐ Other: _____

ENTERED

JUN 16 1993

By HLV

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

DEC 06 1991

MAR 13 1991

By _____

NAME OF PREPARER BARBARA HEATZOLDATE PREPARED 12-31-90PHONE # (204) 753-1422SCAN: 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 [6522]
	*STATE CODE [53]
	*SHRP SECTION ID [6049]

HIGHWAY ROUTE NO. (THIS COUNT) 522

MILEPOST# OR LOCATION (THIS COUNT) 16.60

BEGINNING DATE 8-16-89 ENDING DATE 8-17-89

BEGINNING TIME 00 ENDING TIME 00

COUNT DURATION 48 [X] HOURS [] DAYS [] MONTHS

TYPE OF COUNTER GK NAME/MODEL # 1000

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

ITEM	<u>ACTUAL COUNTS</u>	<u>UNITS</u>	
1. TOTAL NO. OF VEHICLES (RAW COUNT) 1 DAY AV	<u>21966</u>		<p align="center">ENTERED</p> <p align="center">APR 02 1992</p> <p align="center">By <u>LLV</u></p>
2. ADJUSTMENT FACTORS (FILL IN AS APPLICABLE):			
A. ADJUSTMENT TO 24-HOUR COUNT	<u> </u>		
B. AXLE CORRECTION FACTOR	<u>.924</u>		<p align="center">ENTERED</p> <p align="center">MAR 13 1991</p> <p align="center">By <u> </u></p>
C. DAY OF WEEK FACTOR	<u> </u>		
D. MONTH FACTOR * DW	<u>.900</u>		
E. OTHER FACTOR (<u> </u>)	<u> </u>		
3. ANNUAL AVERAGE DAILY TRAFFIC (AADT) (TWO-WAY)	<u>18275</u>		By <u> </u>
4. DIRECTIONAL DISTRIBUTION FACTOR	<u>.496</u>		<p align="center">ENTERED</p> <p align="center">JUN 16 1993</p>
5. GPS LANE DISTRIBUTION FACTOR	<u> </u>		
6. AADT GPS LANE	<u>8954</u>		By <u> </u>

NOTE: COMPLETE ONE SHEET FOR EACH COUNTING SESSION.

NAME OF PREPARER <u>BARBARA HORTZOG</u>	PHONE # <u>(206) 753-1422</u>
DATE PREPARED <u>12-31-90</u>	SCAN: <u>234-1422</u>

LTPP TRAFFIC DATA

VEHICLE CLASSIFICATION DATA
FHWA 13-CLASS SYSTEM

*STATE ASSIGNED ID [6522]

*STATE CODE [53]

*SHRP SECTION ID [6048]

HIGHWAY RT. NO. (THIS COUNT) 522 MILEPOST# (THIS COUNT) 16.60LOCATION (THIS COUNT) JCT. PARADISE LN RD FUNCTIONAL CLASS 2 04BEGINNING DATE 6-3-87 ENDING DATE 6-3-87BEGINNING TIME 00 ENDING TIME 00 DURATION (HRS) (24)TYPE OF COUNT: MANUAL _____ AUTOMATED X NO. OF LANES COUNTED 2 02lem 12/1/2004TYPE OF EQUIP.: AVC PERM. _____ AVC PORT. V WIM PERM. _____ WIM PORT. _____EQUIPMENT NAME / MODEL # GK 6000TOTAL NO. OF VEHICLES CLASSIFIED 14531 # TRUCKS 1086 % TRUCKS 7.5%NO. OF TRUCKS IN GPS LANE 534 % OF TRUCKS IN GPS LANE 7.5%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)	<u>13445</u>		<u>6566</u>
2. FHWA CLASS 4 (Buses)	<u>47</u>		<u>24</u>
3. FHWA CLASS 5 (Two Axle, 6-Tire, SU Truck)	<u>48</u>	ENTERED	<u>21</u>
4. FHWA CLASS 6 (3 AXLE SU TRUCK)	<u>163</u>	JUN 16 1993	<u>80</u>
5. FHWA CLASS 7 (4 or more Axle SU Truck)	<u>0</u>	By <u>HV</u>	<u>0</u>
6. FHWA CLASS 8 (4 or less axle 1-Trlr.Truck)	<u>341</u>		<u>174</u>
7. FHWA CLASS 9 (5 Axle, 1-Trlr.Truck)	<u>374</u>		<u>169</u>
8. FHWA CLASS 10 (6 or more Axle, 1-Trlr.Truck)	<u>29</u>		<u>19</u>
9. FHWA CLASS 11 (5 or less Axle, Multi-Trlr.Truck)	<u>18</u>	ENTERED	<u>8</u>
10. FHWA CLASS 12 (6 Axle, Multi-Trlr.Truck)	<u>8</u>	AUG 19 1991	<u>5</u>
11. FHWA CLASS 13 (7 or more Axle, Multi-Trlr.Truck)	<u>58</u>	By _____	<u>34</u>
12. OTHER VEHICLES			

GRAND TOTAL

14531 7100NAME OF PREPARER BARBARA HERTZOG PHONE (206) 753-1422DATE PREPARED 12-31-90 ENTERED SEAN: 234-1422

MAY 07 1991

By _____

SHEET 1

LTPP TRAFFIC DATA

VEHICLE CLASSIFICATION DATA
FHWA 13-CLASS SYSTEM

*STATE ASSIGNED ID [6522]

*STATE CODE [53]

*SHRP SECTION ID [6048]

HIGHWAY RT. NO. (THIS COUNT) 522 MILEPOST# (THIS COUNT) 16.60LOCATION (THIS COUNT) JCT. PARADISE LN RD FUNCTIONAL CLASS 2BEGINNING DATE 6-3-87 ENDING DATE 6-3-87BEGINNING TIME 00 ENDING TIME 00 DURATION (HRS) 24TYPE OF COUNT: MANUAL AUTOMATED X NO. OF LANES COUNTED TYPE OF EQUIP.: AVC PERM. AVC PORT. Y WIM PERM. WIM PORT. EQUIPMENT NAME / MODEL # GK 6000TOTAL NO. OF VEHICLES CLASSIFIED 14531 # TRUCKS 1086 % TRUCKS 7.5%NO. OF TRUCKS IN GPS LANE 534 % OF TRUCKS IN GPS LANE 7.5%VEHICLE CLASSIFICATION METHOD: FHWA Y 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)	<u>13445</u>	<u> </u>	<u>6566</u>
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5. FHWA CLASS 7 (4 or more Axle SU Truck)	<u>0</u>	<u> </u>	<u>0</u>
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11. FHWA CLASS 13 (7 or more Axle, Multi-Trlr.Truck)	<u>58</u>	<u> </u>	<u>34</u>
12. OTHER VEHICLES	<u> </u>	<u> </u>	<u> </u>

GRAND TOTAL

14531 7100NAME OF PREPARER BARBARA HERTZOGPHONE # (206) 753-1422DATE PREPARED 12-31-90

SCAN: 234-1422

Used for Section

7.52%

$$\frac{50}{125} = 1.76\%$$

$$\frac{7100}{7100} = 1.00\%$$

$$\frac{362}{7100} = 5.1\%$$

$$\frac{47}{7100} = .66\%$$

7.52%