

SHEET 1 LTPP TRAFFIC DATA SUMMARY TRANSMITTAL FORM	*STATE ASSIGNED ID [1012] *STATE CODE [53] *SHRP SECTION ID [1002]
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STATE OR PROVINCE WA COUNTY COLUMBIA
 HIGHWAY ROUTE NO. 12 MILEPOST# 374.70-375.00 EB
 NEAREST CITY/TOWN DAYTON NEAREST INTERSECTION 2.5 mi N/O Jct. SR 126
 FUNCTIONAL CLASS 2 NO. LANES EACH DIRECTION 1 TOTAL NO. LANES 2
 DIRECTION OF TRAVEL GPS LANE EB DATE OPENED TO TRAF. 7-30-87
 FIPS COUNTY CODE 7 FHWA STATION IDENTIFICATION NO. —
 HPMS SAMPLE NO. 501 207 020 006 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 X NO —
 IF YES, DESCRIBE CHANGES SEE NOTES ATTACHED (NEXT SHEET)

ENTERED

AUG 19 1991

By —

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.

By W

ENTERED

MAR 12 1991

By —

NAME OF PREPARER BARBARA HERTZOG PHONE (206) 753-1422
 DATE PREPARED 12-04-90

SHEET 2

LTPP TRAFFIC DATA

TRAFFIC VOLUMES
AND LOAD ESTIMATES

*STATE ASSIGNED ID [1012]

*STATE CODE [53]

*SHRP SECTION ID [L002]

Ratio for 367.95

TRIPS
MP 372-67
Leg 2

YEAR	1. ESTIMATED TOTAL VEHICLES AADT (TWO-WAY)	2. ESTIMATED TOTAL TRUCK AADT (TWO-WAY)	3. ESTIMATED TOTAL VEHICLES AADT GPS LANE	4. ESTIMATED TOTAL TRUCKS AADT GPS LANE	5. ESTIMATED ESAL'S/YR GPS LANE (1000's)
		① * 16.5%	① * 50.3%	③ * 15.9%	
1989	1874	309	942	150	63.2
1988	1871	309	941	150	62.2
1987	1900	314	956	150	62.0
1986					
1985					
1984					
1983					
1982					
1981					
1980					
1979					
1978					
1977					
1976					
1975					
1974					
1973					
1972					
1971					
1970					
1969	ENTERED		ENTERED		ENTERED
1968	DEC 06 1991		MAR 12 1991		AUG 19 1991
1967	By		By		By
1966					
1965					

NAME OF PREPARER

B. Harting

PHONE # (206) 753-1422

DATE PREPARED

12-04-90

SHEET 3

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

*STATE ASSIGNED ID [1012]

*STATE CODE [53]

*SHRP SECTION ID [1002]

1. 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.
87-89 ☒ 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: TRIPS = System Averages

5. METHOD FOR ESTIMATING TRUCK AADT IN GPS LANES

- ☐ Based on actual lane count data.
☐ System distribution factors.
☒ Other: Ratio from MP 367.95

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: _____

4. METHOD FOR ESTIMATING AADT

BY GPS LANE

- ☐ Based on actual lane count data.
☐ System distribution factors.
☒ Other: Ratio from nearby location MP 367.95

ENTERED

ENTERED

AUG 19 1991

MAR 12 1991

DEC 06 1991

By

By

By

NAME OF PREPARER

PHONE #

DATE PREPARED

SAME

SHEET 4 LTPP TRAFFIC DATA TRAFFIC VOLUME COUNTS	*STATE ASSIGNED ID [1012]
	*STATE CODE [53]
	*SHRP SECTION ID [1002]

HIGHWAY ROUTE NO. (THIS COUNT) 12MILEPOST# OR LOCATION (THIS COUNT) 372.67BEGINNING DATE 7-25-90 ENDING DATE 7-27-90BEGINNING TIME 12 ENDING TIME 12COUNT DURATION 48 [X] HOURS [] DAYS [] MONTHSTYPE OF COUNTER GK 600 NAME/MODEL # _____TYPE OF COUNT: TWO-WAY X ONE DIRECTION ONLY _____ GPS TEST LANE ONLY _____

ITEM	ACTUAL COUNTS	UNITS
1. TOTAL NO. OF VEHICLES (RAW COUNT)		<u>2145</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>-----</u>
E. OTHER FACTOR (<u>R-067</u> <u>DW * MONTH</u>)		<u>880</u>
3. ANNUAL AVERAGE DAILY TRAFFIC (AADT) (TWO-WAY)		<u>1888</u>
4. DIRECTIONAL DISTRIBUTION FACTOR		<u>500</u>
5. GPS LANE DISTRIBUTION FACTOR		<u>---</u>
6. AADT GPS LANE		<u>944</u>

NOTE: COMPLETE ONE SHEET FOR EACH COUNTING SESSION.

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

<p align="center">SHEET 4</p> <p align="center">LTPP TRAFFIC DATA</p> <p align="center">TRAFFIC VOLUME COUNTS</p>	*STATE ASSIGNED ID [1012]
	*STATE CODE [53]
	*SHRP SECTION ID [4002]

HIGHWAY ROUTE NO. (THIS COUNT) 12

MILEPOST# OR LOCATION (THIS COUNT) MP 372.67 / SYSTEM EST. AADT

BEGINNING DATE ANNUAL EST. 5/11/89 ENDING DATE 5/11/89 (From sheet 5)

BEGINNING TIME 00:00 ENDING TIME 24:00

COUNT DURATION _____ [] HOURS [] DAYS [] MONTHS

TYPE OF COUNTER _____ NAME/MODEL # _____

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

ITEM	ACTUAL COUNTS	UNITS
1. TOTAL NO. OF VEHICLES (RAW COUNT)	_____	_____
2. ADJUSTMENT FACTORS (FILL IN AS APPLICABLE):		
A. ADJUSTMENT TO 24-HOUR COUNT	_____	
B. AXLE CORRECTION FACTOR	_____	
C. DAY OF WEEK FACTOR	_____	
D. MONTH FACTOR	_____	
E. OTHER FACTOR (_____)	_____	
3. ANNUAL AVERAGE DAILY TRAFFIC (AADT) (TWO-WAY)	<u>1874</u>	<u>System Est.</u>
4. DIRECTIONAL DISTRIBUTION FACTOR	_____	
5. GPS LANE DISTRIBUTION FACTOR	<u>503 (EB)</u>	<u>Ratio from MP 362.96</u>
6. AADT GPS LANE	<u>942</u>	

ENTERED
APR 09 1992
By W

AUG 19 1991

P. _____

NOTE: COMPLETE ONE SHEET FOR EACH COUNTING SESSION.

NAME OF PREPARER <u>SAME</u>	PHONE # _____
DATE PREPARED _____	

LTPP TRAFFIC DATA

VEHICLE CLASSIFICATION DATA
FHWA 13-CLASS SYSTEM

*STATE ASSIGNED ID [1012]

*STATE CODE [53]

*SHRP SECTION ID [1002]

HIGHWAY RT. NO. (THIS COUNT) 12 MILEPOST# (THIS COUNT) 372.67LOCATION (THIS COUNT) JCT. SR126/UPPER WHETSTONE RD FUNCTIONAL CLASS 2BEGINNING DATE 7-26-90 ENDING DATE 7-26-90BEGINNING TIME 0 ENDING TIME 0 DURATION (HRS) 24TYPE OF COUNT: MANUAL AUTOMATED X NO. OF LANES COUNTED 2TYPE OF EQUIP.: AVC PERM. AVC PORT. X WIM PERM. WIM PORT. EQUIPMENT NAME / MODEL # GK 600 SERIESTOTAL NO. OF VEHICLES CLASSIFIED 2230 # TRUCKS % TRUCKS 19.7NO. OF TRUCKS IN GPS LANE 215 % OF TRUCKS IN GPS LANE 19.3VEHICLE 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-WAY	TOTAL NUMBER OF VEHICLES GPS DIRECTION	TOTAL NUMBER OF VEHICLES GPS LANE
1. FHWA CLASSES 1-3 (Cars, Motorcycles, Vans)	<u>1791</u>	<u> </u>	<u>897</u>
2. FHWA CLASS 4 (Buses)	<u>13</u>	<u> </u>	<u>6</u>
3. FHWA CLASS 5 (Two Axle, 6-Tire, SU Truck)	<u>154</u>	<u> </u>	<u>67</u>
4. FHWA CLASS 6 (3 AXLE SU TRUCK)	<u>23</u>	<u> </u>	<u>7</u>
5. FHWA CLASS 7 (4 or more Axle SU Truck)	<u>3</u>	<u> </u>	<u>2</u>
6. FHWA CLASS 8 (4 or less axle 1-Trlr.Truck)	<u>27</u>	<u> </u>	<u>9</u>
7. FHWA CLASS 9 (5 Axle, 1-Trlr.Truck)	<u>145</u>	<u> </u>	<u>87</u>
8. FHWA CLASS 10 (6 or more Axle, 1-Trlr.Truck)	<u>11</u>	<u> </u>	<u>7</u>
9. FHWA CLASS 11 (5 or less Axle, Multi-Trlr.Truck)	<u>22</u>	<u> </u>	<u>11</u>
10. FHWA CLASS 12 (6 Axle, Multi-Trlr.Truck)	<u>22</u>	<u> </u>	<u>10</u>
11. FHWA CLASS 13 (7 or more Axle, Multi-Trlr.Truck)	<u>19</u>	<u> </u>	<u>9</u>
12. OTHER VEHICLES	<u> </u>	<u> </u>	<u> </u>
GRAND TOTAL	<u>2230</u>	<u> </u>	<u>1112</u>

NAME OF PREPARER BARBARA HEATZOG PHONE # (206) 753-1422DATE PREPARED SCAN: 234-1422

LTPP TRAFFIC DATA

VEHICLE CLASSIFICATION DATA
FHWA 13-CLASS SYSTEM

*STATE ASSIGNED ID [1012]

*STATE CODE [53]

*SHRP SECTION ID [1002]

HIGHWAY RT. NO. (THIS COUNT) 12 MILEPOST# (THIS COUNT) 367.95LOCATION (THIS COUNT) E. LEG. JCT DAYTON AVE FUNCTIONAL CLASS 2BEGINNING DATE 5-11-89 ENDING DATE 5-11-89BEGINNING TIME 00 ENDING TIME 00 DURATION (HRS) 24TYPE OF COUNT: MANUAL AUTOMATED X NO. OF LANES COUNTED 2 021cm 12/1/2004TYPE OF EQUIP.: AVC PERM. AVC PORT. X WIM PERM. WIM PORT. EQUIPMENT NAME / MODEL # GK 6000TOTAL NO. OF VEHICLES CLASSIFIED 2597 # TRUCKS 419 % TRUCKS 16.1NO. OF TRUCKS IN GPS LANE 206 % OF TRUCKS IN GPS LANE 15.9VEHICLE 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-WAYTOTAL NUMBER
OF VEHICLES
GPS DIRECTIONTOTAL NUMBER
OF VEHICLES
GPS LANE

1. FHWA CLASSES 1-3 (Cars, Motorcycles, Vans)	<u>2178</u>	<u> </u>	<u>1092</u>
2. FHWA CLASS 4 (Buses)	<u>8</u>	<u> </u>	<u>3</u>
3. FHWA CLASS 5 (Two Axle, 6-Tire, SU Truck)	<u>109</u>	<u> </u>	<u>47</u>
4. FHWA CLASS 6 (3 AXLE SU TRUCK)	<u>29</u>	<u> </u>	<u>17</u>
5. FHWA CLASS 7 (4 or more Axle SU Truck)	<u>6</u>	<u> </u>	<u>2</u>
6. FHWA CLASS 8 (4 or less axle 1-Trlr.Truck)	<u>59</u>	<u>ENTERED</u>	<u>33</u>
7. FHWA CLASS 9 (5 Axle, 1-Trlr.Truck)	<u>117</u>	<u>AUG 19 1991</u>	<u>63</u>
8. FHWA CLASS 10 (6 or more Axle, 1-Trlr.Truck)	<u>9</u>	<u>By</u>	<u>5</u>
9. FHWA CLASS 11 (5 or less Axle, Multi-Trlr.Truck)	<u>13</u>	<u>ENTERED</u>	<u>6</u>
10. FHWA CLASS 12 (6 Axle, Multi-Trlr.Truck)	<u>15</u>	<u>MAY 08 1991</u>	<u>4</u>
11. FHWA CLASS 13 (7 or more Axle, Multi-Trlr.Truck)	<u>54</u>	<u>By</u>	<u>27</u>
12. OTHER VEHICLES	<u> </u>	<u> </u>	<u> </u>

GRAND TOTAL

2597 1299

ENTERED

NAME OF PREPARER SAME PHONE # DATE PREPARED

APR 09 1992

By LLV