

SHEET 1

LTPP TRAFFIC DATA
SUMMARY TRANSMITTAL FORM

*STATE ASSIGNED ID [3195]
*STATE CODE [53]
*SHRP SECTION ID [3013]

REVISION
5-21-91

STATE OR PROVINCE WA COUNTY SPOKANE

HIGHWAY ROUTE NO. 195 MILEPOST# 91.60 - 91.90 NB

NEAREST CITY/TOWN SPOKANE NEAREST INTERSECTION 4 mi S/O INT SR 90

FUNCTIONAL CLASS 14 NO. LANES EACH DIRECTION 2 TOTAL NO. LANES 4

DIRECTION OF TRAVEL GPS LANE NB DATE OPENED TO TRAF 02-01-91

FIPS COUNTY CODE 32 FHWA STATION IDENTIFICATION NO. 519 532 051 575

HPMS SAMPLE NO. 519 532 051 575 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

EACH TRAFFIC COUNT, VEHICLE CLASSIFICATION COUNT, OR WEIGHT

ENTERED

DEC 06 1991

STATION RELATIVE TO THIS GPS TEST SECTION.

ENTERED

AUG 19 1991

By HJ

By

NAME OF PREPARER BARBARA HEATZOG PHONE # (206) 753-1422
DATE PREPARED 5-21-91 SCAN: 234-1422

SHEET 2

LTPP TRAFFIC DATA

TRAFFIC VOLUMES
AND LOAD ESTIMATES

*STATE ASSIGNED ID [3195]

*STATE CODE [53]

*SHRP SECTION ID [3013]

YEAR	1. ESTIMATED TOTAL VEHICLES AADT (TWO-WAY)	2. ESTIMATED TOTAL TRUCK AADT (TWO-WAY) ① * 2 Trucks	3. ESTIMATED TOTAL VEHICLES AADT GPS LANE ① * .535 * .894	4. ESTIMATED TOTAL TRUCKS AADT GPS LANE ③ * .096	5. ESTIMATED ESAL'S / YR GPS LANE (1000's)
1990	6978	733	3340	320	137.1
1989	6800	714	3250	312	131.6
1988	6600	693	3160	303	125.7
1987	6300	662	3010	289	117.9
1986	7570	795	3620	347	139.2
1985	7300	767	3490	335	132.1
1984	7040	634	3370	323	125.1
1983	6860	618	3280	315	119.8
1982	6690	602	3200	307	114.7
1981	6510	586	3110	299	109.7
1980	6070	546	2900	279	100.4
1979	6070	546	2900	279	98.5
1978	6070	546	2902	279	96.6
1977	5630	676	2692	258	87.5
1976	5370	698	2566	246	81.8
1975	4930	640	2356	226	73.6
1974	4400	748	2103	202	64.4
1973	4660	793	2229	214	66.7
1972	3960	673	1893	182	55.5
1971	3784	643	1809	174	51.9
1970					
1969					
1968	ENTERED			ENTERED	
1967	DEC 06 1991			AUG 19 1991	
1966	By <u>HL</u>			By	
1965					

NAME OF PREPARER BARBARA HEATZOL

PHONE (206) 753-1422

DATE PREPARED 5-21-91

SCAN: 234-1422

add years 1, 14, 1

SHEET 3

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

*STATE ASSIGNED ID [3195]

*STATE CODE [53]

*SHRP SECTION ID [3013]

1. Year Applicable

78-89 90 is For
SHEET 10
CODING

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.
- ☒ Estimated based on volume counts at nearby locations.
- ☐ Used flow maps.
- 78-89 ☒ Used computerized network analyses.
- ☐ Other: _____

5. METHOD FOR ESTIMATING TRUCK AADT IN GPS LANES

☐ Based on actual lane count data.☐ System distribution factors.78-89 ☒ Other: FACTORED PER 1990

6. METHOD FOR ESTIMATING ESAL/VEHICLE

- ☒ ESAL/Truck.
- ☐ ESAL/Vehicle class. (no. of classes) _____
- ☐ 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.
- 78-89 ☒ Used computerized network analyses.
- ☐ 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.

78-89 ☒ Other: Factored from 1990 at nearby location

ENTERED

DEC 06 1991

By

LLJ

ENTERED

MAR-13 1991

By

NAME OF PREPARER

BARBARA HEATZOL

PHONE # (206) 753-1422

DATE PREPARED

12-31-90

SCAN: 234-1422

SHEET 5

LTPP TRAFFIC DATA

VEHICLE CLASSIFICATION DATA
FHWA 13-CLASS SYSTEM

*STATE ASSIGNED ID [3195]

*STATE CODE [53]

*SHRP SECTION ID [3013]

HIGHWAY RT. NO. (THIS COUNT) 197 MILEPOST# (THIS COUNT) 91.17LOCATION (THIS COUNT) Jct. Hatch Rd - S. Leg FUNCTIONAL CLASS 2BEGINNING DATE 3-21-90 ENDING DATE 3-21-90BEGINNING TIME 00 ENDING TIME 00 DURATION (HRS) 24TYPE OF COUNT: MANUAL AUTOMATED X NO. OF LANES COUNTED TYPE OF EQUIP.: AVC PERM. AVC PORT. X WIM PERM. WIM PORT. EQUIPMENT NAME / MODEL # GK 6000TOTAL NO. OF VEHICLES CLASSIFIED 6342 * TRUCKS 665 % TRUCKS 10.5%NO. OF TRUCKS IN GPS LANE 392 % OF TRUCKS IN GPS LANE 9.6%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>5677</u>	<u>3067</u>	<u>2738</u>
2. FHWA CLASS 4 (Buses)	<u>14</u>	<u>5</u>	<u>3</u>
3. FHWA CLASS 5 (Two Axle, 6-Tire, SU Truck)	<u>218</u>	<u>115</u>	<u>100</u>
4. FHWA CLASS 6 (3 AXLE SU TRUCK)	<u>26</u>	<u>9</u>	<u>9</u>
5. FHWA CLASS 7 (4 or more Axle SU Truck)	<u>7</u>	<u>4</u>	<u>4</u>
6. FHWA CLASS 8 (4 or less axle 1-Trlr.Truck)	<u>53</u>	<u>25</u>	<u>24</u>
7. FHWA CLASS 9 (5 Axle, 1-Trlr.Truck)	<u>215</u>	<u>105</u>	<u>94</u>
8. FHWA CLASS 10 (6 or more Axle, 1-Trlr.Truck)	<u>25</u>	<u>13</u>	<u>12</u>
9. FHWA CLASS 11 (5 or less Axle, Multi-Trlr.Truck)	<u>20</u>	<u>11</u>	<u>11</u>
10. FHWA CLASS 12 (6 Axle, Multi-Trlr.Truck)	<u>13</u>	<u>2</u>	<u>2</u>
11. FHWA CLASS 13 (7 or more Axle, Multi-Trlr.Truck)	<u>75</u>	<u>35</u>	<u>33</u>
12. OTHER VEHICLES	<u> </u>	<u> </u>	<u> </u>

GRAND TOTAL

6342 3391 3030NAME OF PREPARER BARBARA HERTZOG PHONE # (206) 753-1422DATE PREPARED 12-31-90 SCAN: 234-1422

*
SAME
COUNT
USED
FOR
SHRP
#165 #17

Can not be
Entered as
Historic

SHEET 5
LTPP TRAFFIC DATA

VEHICLE CLASSIFICATION DATA
FHWA 13-CLASS SYSTEM

*STATE ASSIGNED ID [3195]

*STATE CODE [53]

*SHRP SECTION ID [3013]

HIGHWAY RT. NO. (THIS COUNT) 195 MILEPOST# (THIS COUNT) 91.17

LOCATION (THIS COUNT) 2 mi N/O GPS FUNCTIONAL CLASS 2

BEGINNING DATE 3-21-90 ENDING DATE 3-21-90

BEGINNING TIME 00 ENDING TIME 00 DURATION (HRS) 24

TYPE OF COUNT: MANUAL AUTOMATED X NO. OF LANES COUNTED 4

TYPE OF EQUIP.: AVC PERM. AVC PORT X WIM PERM. WIM PORT.

EQUIPMENT NAME / MODEL # GN 600

TOTAL NO. OF VEHICLES CLASSIFIED 6342 # TRUCKS 665 % TRUCKS 10.5

NO. OF TRUCKS IN GPS LANE 292 % OF TRUCKS IN GPS LANE 9.6

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-WAY	TOTAL NUMBER OF VEHICLES GPS DIRECTION	TOTAL NUMBER OF VEHICLES GPS LANE
1. FHWA CLASSES 1-3 (Cars, Motorcycles, Vans)	<u>5677</u>	<u>3067</u>	<u>2738</u>
2. FHWA CLASS 4 (Buses)	<u>14</u>	<u>5</u>	<u>3</u>
3. FHWA CLASS 5 (Two Axle, 6-Tire, SU Truck)	<u>218</u>	<u>115</u>	<u>100</u>
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6. FHWA CLASS 8 (4 or less axle 1-Trlr.Truck)	<u>53</u>	<u>25</u>	<u>24</u>
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8. FHWA CLASS 10 (6 or more Axle, 1-Trlr.Truck)	<u>24</u>	<u>13</u>	<u>12</u>
9. FHWA CLASS 11 (5 or less Axle, Multi-Trlr.Truck)	<u>20</u>	<u>11</u>	<u>11</u>
10. FHWA CLASS 12 (6 Axle, Multi-Trlr.Truck)	<u>13</u>	<u>2</u>	<u>2</u>
11. FHWA CLASS 13 (7 or more Axle, Multi-Trlr.Truck)	<u>75</u>	<u>35</u>	<u>33</u>
12. OTHER VEHICLES	<u> </u>	<u> </u>	<u> </u>
GRAND TOTAL	<u>6342</u>	<u>3391</u>	<u>3030</u>

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

Trucks for 1990 estimate
This count used Ratio for SHRP # 15 & 16
Ratio for 1990 estimate = 89.4%