

SHEET 1 LTPP TRAFFIC DATA SUMMARY TRANSMITTAL FORM	*STATE ASSIGNED ID <u>110131</u> *STATE CODE <u>1151</u> *SHRP SECTION ID <u>110061</u>
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STATE OR PROVINCE HAWAII COUNTY MAUI
 HIGHWAY ROUTE NO. FAP 30 MILEPOST# 28.64 (ROUTE MILE)
 NEAREST CITY/TOWN 0.5 MI SW OF ALAELONA NEAREST INTERSECTION NAPIILUAU ST
 FUNCTIONAL CLASS 06 NO. LANES EACH DIRECTION 1 TOTAL NO. LANES 2
 DIRECTION OF TRAVEL GPS LANE SOUTH DATE OPENED TO TRAF. 07-01-80
02-02-84
18 Nov 24, 98
 FIPS COUNTY CODE 7 FHWA STATION IDENTIFICATION NO. _____
 HPMS SAMPLE NO. — 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 _____

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

DEC 10 1991

By WV

ENTERED

AUG 15 1991

By _____

NAME OF PREPARER <u>G. Sato</u>	PHONE # <u>548-3827</u>
DATE PREPARED <u>3/12/91</u>	

<p>SHEET 2</p> <p>LTPP TRAFFIC DATA</p> <p>TRAFFIC VOLUMES AND LOAD ESTIMATES</p>	<p>*STATE ASSIGNED ID <u>[1013]</u></p> <p>*STATE CODE <u>[15]</u></p> <p>*SHRP SECTION ID <u>[1006]</u></p>
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Sheet 10
Entry ✓

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)	
					RIGID	FLYING
1990	(9390)	(414)	(4498)	(198)	(105)	(70)
1989	9356	412	4482	197	104	69
1988	(9322)	(410)	(4554)	(200)	(94)	(61)
1987	9288	409	4625	204	79	50
1986	(8459)	(373)	(4228)	(187)	(67)	(40)
1985	7629	336	3830	169	(62)	(53)
1984	(6772)	(298)	(2974)	(131)	(49)	(34)
1983	5914	260	2117	93	27	27
1982						
1981						
1980						
1979						
1978						
1977						
1976						
1975						
1974						
1973	ENTERED					
1972	MAR 22 1991					
1971	By <u>[Signature]</u> MAR					
1970						
1969					ENTERED	
1968			ENTERED		AUG 15 1991	
1967			DEC 10 1991		By _____	
1966			By _____			
1965						

(xxx) Interpolated/Extrapolated Values.

NAME OF PREPARER <u>S. Tasaka (item 1 thru 4)</u>	PHONE # <u>(808) 586-9602</u>
DATE PREPARED <u>3/5/91</u>	

SHEET 3

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

*STATE ASSIGNED ID [1013]

*STATE CODE [15]

*SHRP SECTION ID [1006]

1. Year Applicable 1989

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.
- ☐ 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: Used truck % from count at nearby site taken in 1987.

4. METHOD FOR ESTIMATING AADT BY GPS LANE

- ☒ Based on actual lane count data at nearby site.
- ☐ System distribution factors.
- ☐ Other: _____

5. METHOD FOR ESTIMATING TRUCK AADT IN GPS LANES

- ☐ Based on actual lane count data.
- ☐ System distribution factors.
- ☒ Other: Used truck % from count at nearby site taken in 1987.

6. METHOD FOR ESTIMATING ESAL/VEHICLE

- ☐ ESAL/Truck.
- ☒ ESAL/Vehicle class. (no. of classes): 9
- ☐ 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

DEC 10 1991

AUG 15 1991

By _____

By _____

NAME OF PREPARER S. Tosaka (items 1 thru 5)PHONE # (808) 586-9602DATE PREPARED 3/4/91

SHEET 3

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

*STATE ASSIGNED ID [1013]

*STATE CODE [15]

*SHRP SECTION ID [1006]

1. Year Applicable 1987

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.
- ☐ 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: Used truck % from count taken at nearby site.

4. METHOD FOR ESTIMATING AADT BY GPS LANE

- ☒ Based on actual lane count data at near DEC 4 0 1991
- ☐ System distribution factors.
- ☐ Other: By _____

5. METHOD FOR ESTIMATING TRUCK AADT IN GPS LANES

- ☐ Based on actual lane count data.
- ☐ System distribution factors.
- ☒ Other: Used truck % from count taken at nearby site.

6. METHOD FOR ESTIMATING ESAL/VEHICLE

- ☐ ESAL/Truck.
- ☒ ESAL/Vehicle class. (no. of classes) 9
- ☐ 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

AUG 15 1991

By _____

NAME OF PREPARER S. Tasaka (items 1 thru 5)PHONE # (808) 586-9602DATE PREPARED 3/4/91

SHEET 3

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

*STATE ASSIGNED ID [1013]

*STATE CODE [15]

*SHRP SECTION ID [1006]

1. Year Applicable 1985

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.
- ☐ 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: Used truck % from count taken in earlier years at nearby site.

**4. METHOD FOR ESTIMATING AADT
BY GPS LANE**

- ☒ Based on actual lane count data at nearby sites.
- ☐ System distribution factors.
- ☐ Other: _____

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

- ☐ Based on actual lane count data.
- ☐ System distribution factors.
- ☒ Other: Used truck % from count taken in earlier years at nearby site.

6. METHOD FOR ESTIMATING ESAL/VEHICLE

- ☐ ESAL/Truck.
- ☒ ESAL/Vehicle class. (no. of classes) 9
- ☐ 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 DEC 10 1991 ENTERED AUG 15 1991

By _____ By _____

NAME OF PREPARER S. Tasaka (items 1 thru 5) PHONE # (808) 586-9602
DATE PREPARED 3/5/91

SHEET 3

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

*STATE ASSIGNED ID [1013]

*STATE CODE [15]

*SHRP SECTION ID [1006]

1. Year Applicable 1984, 1986, 1988, 1990 *
Sheet 10 Entry

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.
☐ Used computerized network analyses.
☒ Other: Interpolated / Extrapolated volumes between surveyed estimates.

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: Same as item 2.

4. METHOD FOR ESTIMATING AADT BY GPS LANE

- ☐ Based on actual lane count data.
☐ System distribution factors.
☒ Other: Same as item 2.

5. METHOD FOR ESTIMATING TRUCK AADT IN GPS LANES

- ☐ Based on actual lane count data.
☐ System distribution factors.
☒ Other: Same as item 2.

6. METHOD FOR ESTIMATING ESAL/VEHICLE

- ☐ ESAL/Truck.
☒ ESAL/Vehicle class. (no. of classes) 9
☐ 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:

* Note: Traffic count surveys are conducted biennially on the island of Maui. No surveys taken during even-numbered years.

ENTERED

DEC 10 1991

NAME OF PREPARER S. Tasaka (items 1 thru 5)By PHONE # (808) 586-9602DATE PREPARED 3/5/94

SHEET 3

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

*STATE ASSIGNED ID [1013]

*STATE CODE [15]

*SHRP SECTION ID [1006]

1. Year Applicable 1983

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.
☐ 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: Used truck % from count taken at nearby site

4. METHOD FOR ESTIMATING AADT BY GPS LANE

- ☒ Based on actual lane count data at nearby site.
☐ System distribution factors.
☐ Other: _____

5. METHOD FOR ESTIMATING TRUCK AADT IN GPS LANES

- ☐ Based on actual lane count data.
☐ System distribution factors.
☒ Other: Used truck % from count taken at nearby site

6. METHOD FOR ESTIMATING ESAL/VEHICLE

- ☐ ESAL/Truck.
☒ ESAL/Vehicle class. (no. of classes) 9
☐ 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

DEC 10 1991

ENTERED

AUG 15 1991

By _____

NAME OF PREPARER S. Tasata (Items 1 thru 5)PHONE # (800) 586-9602DATE PREPARED 3/5/91

SHEET 4

LTPP TRAFFIC DATA

TRAFFIC VOLUME COUNTS

*STATE ASSIGNED ID [1013]

*STATE CODE [15]

*SHRP SECTION ID [1006]

HIGHWAY ROUTE NO. (THIS COUNT) FAP 30MILEPOST# OR LOCATION (THIS COUNT) 29.01BEGINNING DATE 4-25-89 ENDING DATE 4-26-89BEGINNING TIME 1230 ENDING TIME 1230COUNT DURATION 24 [X] HOURS [] DAYS [] MONTHSTYPE OF COUNTER Classification recorder NAME/MODEL # Traficomp II, IIITYPE OF COUNT: TWO-WAY X ONE DIRECTION ONLY GPS TEST LANE ONLY **ACTUAL COUNTS****ITEM****UNITS**1. TOTAL NO. OF VEHICLES (RAW COUNT) 009585

2. ADJUSTMENT FACTORS (FILL IN AS APPLICABLE):

A. ADJUSTMENT TO 24-HOUR COUNT 1.000B. AXLE CORRECTION FACTOR 0.988C. DAY OF WEEK FACTOR .N/AD. MONTH FACTOR 0.988E. OTHER FACTOR () .N/A3. ANNUAL AVERAGE DAILY TRAFFIC (AADT)
(TWO-WAY) 0093564. DIRECTIONAL DISTRIBUTION FACTOR 0.4195. GPS LANE DISTRIBUTION FACTOR 1.0006. AADT GPS LANE 004482

ENTERED

APR 08 1992

By UW

ENTERED

DEC 10 1991

ENTERED

AUG 15 1991

By By

NOTE: COMPLETE ONE SHEET FOR EACH COUNTING SESSION.

NAME OF PREPARER S. TasakaPHONE # (808) 586-9602DATE PREPARED 3/4/91

SHEET 4

LTPP TRAFFIC DATA
TRAFFIC VOLUME COUNTS

*STATE ASSIGNED ID [1013]

*STATE CODE [15]

*SHRP SECTION ID [1006]

HIGHWAY ROUTE NO. (THIS COUNT) FAP 30MILEPOST# OR LOCATION (THIS COUNT) 29.01BEGINNING DATE 7-14-87 ENDING DATE 7-15-87BEGINNING TIME 1000 ENDING TIME 1000COUNT DURATION 24 [X] HOURS [] DAYS [] MONTHSTYPE OF COUNTER classification recorder NAME/MODEL # Trafficamp II, IIITYPE OF COUNT: TWO-WAY X ONE DIRECTION ONLY GPS TEST LANE ONLY **ACTUAL COUNTS****ITEM****UNITS**1. TOTAL NO. OF VEHICLES (RAW COUNT) 009782

2. ADJUSTMENT FACTORS (FILL IN AS APPLICABLE):

A. ADJUSTMENT TO 24-HOUR COUNT 1.000B. AXLE CORRECTION FACTOR 0.988C. DAY OF WEEK FACTOR N/AD. MONTH FACTOR 0.961E. OTHER FACTOR () N/A3. ANNUAL AVERAGE DAILY TRAFFIC (AADT)
(TWO-WAY) 0092884. DIRECTIONAL DISTRIBUTION FACTOR 0.4985. GPS LANE DISTRIBUTION FACTOR 1.0006. AADT GPS LANE 004625**ENTERED**

APR 19 1992

By W**ENTERED**

AUG 15 1991

NOTE: COMPLETE ONE SHEET FOR EACH COUNTING SESSION.

By NAME OF PREPARER S. TasakaPHONE # (808) 586-9602DATE PREPARED 3/4/91

SHEET 4 LTPP TRAFFIC DATA TRAFFIC VOLUME COUNTS	*STATE ASSIGNED ID <u>[1013]</u> *STATE CODE <u>[15]</u> *SHRP SECTION ID <u>[1006]</u>
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HIGHWAY ROUTE NO. (THIS COUNT) FAP 30

MILEPOST# OR LOCATION (THIS COUNT) 28.16 MP

BEGINNING DATE 10-1-85 ENDING DATE 10-2-85

BEGINNING TIME 1300 ENDING TIME 1300

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

TYPE OF COUNTER Electro-mechanical NAME/MODEL # MR

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>007691</u>	
2. ADJUSTMENT FACTORS (FILL IN AS APPLICABLE):		ENTERED
A. ADJUSTMENT TO 24-HOUR COUNT	<u>1.000</u>	APR 09 1992
B. AXLE CORRECTION FACTOR	<u>0.988</u>	By <u>W</u>
C. DAY OF WEEK FACTOR	<u>.N/A</u>	
D. MONTH FACTOR	<u>1.004</u>	
E. OTHER FACTOR (<u> </u>)	<u>.N/A</u>	
3. ANNUAL AVERAGE DAILY TRAFFIC (AADT) (TWO-WAY)	<u>007629</u>	
4. DIRECTIONAL DISTRIBUTION FACTOR	<u>0.502</u>	
5. GPS LANE DISTRIBUTION FACTOR	<u>1.000</u>	ENTERED
6. AADT GPS LANE	<u>003830</u>	AUG 15 1991

NOTE: COMPLETE ONE SHEET FOR EACH COUNTING SESSION.

By

NAME OF PREPARER <u>S. Tasaka</u>	PHONE # <u>(808) 586-9602</u>
DATE PREPARED <u>3/5/91</u>	

SHEET 4

LTPP TRAFFIC DATA
TRAFFIC VOLUME COUNTS

*STATE ASSIGNED ID [1013]

*STATE CODE [15]

*SHRP SECTION ID [1006]

HIGHWAY ROUTE NO. (THIS COUNT) FAP 30MILEPOST# OR LOCATION (THIS COUNT) 28.16 MPBEGINNING DATE 9-26-83 ENDING DATE 9-27-83BEGINNING TIME 1000 ENDING TIME 1000COUNT DURATION 24 [X] HOURS [] DAYS [] MONTHSTYPE OF COUNTER Electro-mechanical NAME/MODEL # MRTYPE 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>005956</u>	
2. ADJUSTMENT FACTORS (FILL IN AS APPLICABLE):		
A. ADJUSTMENT TO 24-HOUR COUNT	<u>1.000</u>	ENTERED
B. AXLE CORRECTION FACTOR	<u>0.988</u>	APR 09 1992
C. DAY OF WEEK FACTOR	<u>.N/A</u>	By <u>W</u>
D. MONTH FACTOR	<u>1.005</u>	
E. OTHER FACTOR (<u> </u>)	<u>.N/A</u>	
3. ANNUAL AVERAGE DAILY TRAFFIC (AADT) (TWO-WAY)	<u>005914</u>	
4. DIRECTIONAL DISTRIBUTION FACTOR	<u>0.358</u>	
5. GPS LANE DISTRIBUTION FACTOR	<u>1.000</u>	
6. AADT GPS LANE	<u>002117</u>	ENTERED

AUG 15 1991

NOTE: COMPLETE ONE SHEET FOR EACH COUNTING SESSION.

By NAME OF PREPARER S. TasakaPHONE # (808) 586-9602DATE PREPARED 3/5/91

SHEET 5

LTPP TRAFFIC DATA

VEHICLE CLASSIFICATION DATA
FHWA 13-CLASS SYSTEM

*STATE ASSIGNED ID [1013]

*STATE CODE [15]

*SHRP SECTION ID [1006]

HIGHWAY RT. NO. (THIS COUNT) FAP 30MILEPOST# (THIS COUNT) 26.03LOCATION (THIS COUNT) Honokani Hwy at Honokani BridgeFUNCTIONAL CLASS 06 Minor ArterialBEGINNING DATE 07-21-87ENDING DATE 07-22-87 07/21/87BEGINNING TIME 0600ENDING TIME 1800DURATION (HRS) 12TYPE OF COUNT: MANUAL X AUTOMATED _____NO. OF LANES COUNTED 2 02km 12/1/2004

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

EQUIPMENT NAME / MODEL # _____

TOTAL NO. OF VEHICLES CLASSIFIED 14489 ¹¹ # TRUCKS 640 % TRUCKS 4.4%NO. OF TRUCKS IN GPS LANE 332 % OF TRUCKS IN GPS LANE 4.4%VEHICLE CLASSIFICATION METHOD: FHWA _____ OTHER X # 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.

ENTERED

APR 09 1992

VEHICLE CLASSES

TOTAL NUMBER
OF VEHICLES
TWO-WAYTOTAL NUMBER
OF VEHICLES
GPS DIRECTIONTOTAL NUMBER
OF VEHICLES
GPS LANEBy WD1. FHWA CLASSES 1-3
(Cars, Motorcycles, Vans)2. FHWA CLASS 4
(Buses)3. FHWA CLASS 5
(Two Axle, 6-Tire, SU Truck)4. FHWA CLASS 6
(3 AXLE SU TRUCK)5. FHWA CLASS 7
(4 or more Axle SU Truck)6. FHWA CLASS 8
(4 or less axle 1-Trlr.Truck)7. FHWA CLASS 9
(5 Axle, 1-Trlr.Truck)8. FHWA CLASS 10
(6 or more Axle, 1-Trlr.Truck)9. FHWA CLASS 11
(5 or less Axle, Multi-Trlr.Truck)10. FHWA CLASS 12
(6 Axle, Multi-Trlr.Truck)11. FHWA CLASS 13
(7 or more Axle, Multi-Trlr.Truck)

12. OTHER VEHICLES

GRAND TOTAL

ENTERED

AUG 15 1991

By _____

NAME OF PREPARER S. TasakaPHONE # (808) 586-9602DATE PREPARED 3/4/9111 adjusted to 24-hr w/ 12-hr meter night count of 4044.

SHEET 6

LTPP TRAFFIC DATA

VEHICLE CLASSIFICATION DATA
AGENCY DEFINED CLASSES

*STATE ASSIGNED ID [1013]

*STATE CODE [15]

*SHRP SECTION ID [1006]

FOR 4-BIN OR OTHER CLASSIFICATION SYSTEMS

HIGHWAY ROUTE NO. (THIS COUNT) FAP 30MILEPOST # (THIS COUNT) 26.03BEGINNING DATE 07-21-87 ENDING DATE 07-22-87BEGINNING TIME 0600 ENDING TIME 1800 DURATION (HRS) 12

VEHICLE CLASSES (DESCRIBE VEHICLE TYPES IN EACH CLASS OR AXLE SPACING CATEGORY)	TOTAL NUMBER OF VEHICLES TWO-WAY	TOTAL NUMBER OF VEHICLES GPS DIRECTION	TOTAL NUMBER OF VEHICLES GPS LANE
A. <u>Passenger Cars</u>	<u>008086</u>	<u>004174</u>	<u>004174</u>
B. <u>Buses</u>	<u>000024</u>	<u>000013</u>	<u>000013</u>
C. <u>2P</u>	<u>001719</u>	<u>000893</u>	<u>000893</u>
D. <u>2S</u>	<u>000277</u>	<u>000134</u>	<u>000134</u>
E. <u>2D</u>	<u>000207</u>	<u>000114</u>	<u>000114</u>
F. <u>3X</u>	<u>000111</u>	<u>000057</u>	<u>000057</u>
G. <u>2-S-2</u>	<u>000001</u>	<u>000001</u>	<u>000001</u>
H. <u>3-S-1</u>	<u>000001</u>	<u>000000</u>	<u>000000</u>
I. <u>3-S-2</u>	<u>000016</u>	<u>000011</u>	<u>000011</u>
J. <u>3-2</u>	<u>000001</u>	<u>000001</u>	<u>000001</u>
K. <u>2-S2-2</u>	<u>000002</u>	<u>000001</u>	<u>000001</u>
L. _____	_____	_____	_____
M. <u>SUB-TOTAL</u>	<u>010445</u>	<u>005399</u>	<u>005399</u>
N. _____	_____	_____	_____
O. <u>12-HR METER COUNT</u> <u>1800-0600</u>	<u>004044</u>	<u>002071</u>	<u>002071</u>
P. _____	_____	_____	_____
Q. _____	_____	_____	_____
R. _____	_____	_____	_____
S. _____	_____	_____	_____
T. _____	_____	_____	_____

GRAND TOTAL

014489 001470 001470NAME OF PREPARER S. TasakaPHONE # (808) 586-9602DATE PREPARED 3/4/91

ENTERED
APR 09 1992
By LW

SHEET 7 LTPP TRAFFIC DATA VEHICLE CLASSIFICATION CONVERSION CHART	*STATE ASSIGNED ID [_____] *STATE CODE [<u>15</u>] *SHRP SECTION ID [<u>1006</u>]
--	---

FOR 4-BIN, 6-BIN, OR OTHER NON FHWA CLASSIFICATION SYSTEMS

USE THIS SHEET TO DESCRIBE HOW THE AGENCY'S CLASSIFICATION SYSTEM CAN BE CONVERTED TO THE FHWA 13-CLASSES. ENTER PERCENTAGE OF TOTAL SHA CLASS DISTRIBUTED TO EACH FHWA CLASS. APPLICABLE PERIOD FROM _____ TO _____

A

FHWA CLASSES													
SHA CLASS	1-3	4	5	6	7	8	9	10	11	12	13	OTHER	TOTAL
A	100												
B	100												
C	100												
D		100											
E			100										
F				100									
G					100								
H						100							
I							100						
J								100					
K									100				
L										100			
M											100		
N												100	
O													
P													
Q													
R													
S													
T													
TOTAL													

ENTERED

APR 10 1996

By 70

NAME OF PREPARER <u>72</u>	PHONE # _____
DATE PREPARED <u>4-10-96</u>	

SHEET 7

LTPP TRAFFIC DATA

VEHICLE CLASSIFICATION
CONVERSION CHART

*STATE ASSIGNED ID [1013]

*STATE CODE [15]

*SHRP SECTION ID [1006]

FOR 4-BIN, 6-BIN, OR OTHER NON FHWA CLASSIFICATION SYSTEMS

USE THIS SHEET TO DESCRIBE HOW THE AGENCY'S CLASSIFICATION SYSTEM CAN BE CONVERTED TO THE FHWA 13-CLASSES. ENTER PERCENTAGE OF TOTAL SHA CLASS DISTRIBUTED TO EACH FHWA CLASS. APPLICABLE PERIOD FROM 07-21-87 TO 07-22-87

FHWA CLASSES													
SHA CLASS	1-3	4	5	6	7	8	9	10	11	12	13	OTHER	TOTAL
A	56												056
B		*											*
C	12												012
D	02												002
E			01										001
F				01									001
G						*							*
H						*							*
I							*						*
J							*						*
K										*			*
L													
M													
N													
O	28												
P													
Q													
R													
S													
T													
TOTAL	98	*	01	01	00	*	*	00	00	*	00	00	100

* percent less than 1.

ENTERED

AUG 15 1991

By

ENTERED

APR 09 1992

By

NAME OF PREPARER S. Tasaka

ENTERED

PHONE # (808) 586-9602

DATE PREPARED 3/4/91

SEP 02 1992

By