

SHEET 10

LTPP TRAFFIC DATA

TRAFFIC VOLUME AND LOAD
ESTIMATE UPDATE - NO SITE COUNT

STATE ASSIGNED ID [P08]

STATE CODE [53]

SHRP SECTION ID [7409]

1. ANNUAL TRAFFIC ESTIMATES

See attached Computer print.

YEAR	ESTIMATED TOTAL VEHICLES AADT (TWO-WAY)	ESTIMATED TOTAL TRUCK AADT (TWO-WAY)	ESTIMATED TOTAL VEHICLES AADT GPS LANE	ESTIMATED TOTAL TRUCKS AADT GPS LANE	ESTIMATED ESAL'S/YR GPS LANE (1000's)
1991	16100	2286	6203	1117	278.4
(WORKSHEET)	(C)	(C)	(E)	(H)	(B)

2. METHOD FOR ESTIMATING TOTAL VEHICLE
AADT (TWO-WAY)

- ☒ Growth factored last year's estimate.
☐ Estimated based on volume counts at nearby locations.
☐ Used computerized network analysis.
☐ Other _____

5. METHOD FOR ESTIMATING TOTAL
TRUCKS, GPS LANE, AADT

- ☐ System distribution factors.
☒ Other Factors from Count
7-10-90
applied to current AADT

3. METHOD FOR ESTIMATING TOTAL TRUCK
AADT (TWO-WAY)

- ☐ Used system average from counts taken this year.
☐ Used count data from nearby sites.
☐ Used count data from previous years at GPS site.
☐ Used system averages from previous year counts.
☐ Used computerized network analysis.
☒ Other Factors from Count 7-10-90
applied to current AADT

6. METHOD FOR ESTIMATING ESAL/YEAR
IN GPS LANE

- ☐ ESAL/Truck factor.
☐ ESAL/vehicle class factors -
 Number of classes
☒ Other 3 factors - Trucks
(Singles, Doubles, Triples)

4. METHOD FOR ESTIMATING TOTAL VEHICLES
GPS LANE AADT

- ☐ System distribution factors.
☒ Other Factors from Count 7-10-90
applied to current AADT

7. ESAL ESTIMATES - SOURCE OF DATA

- ☐ Prior years data collected at GPS site.
☐ Current year system average.
☐ Prior year system average.
☐ Historical W-4 tables.
☐ Other _____

8. WEIGHT SCALE TYPE

- ☐ WIM Scale.
☐ Static scale used for enforcement.
☐ Static scale not used for enforcement.
☒ Other Count x ESAL Factors

ENTERED

APR 5 2001

NAME OF PREPARER BARBARA HERTZOG PHONE # (360) 570-7261
 DATE PREPARED 11-14-00

Response to 9 yr ESAL Request
 NOV 2000

1991:

Sheet #10 Resubmitted
 Better ESAL Factors
 than used in
 early years.

SHEET 12 LTPP TRAFFIC DATA CLASSIFICATION DATA TRANSMITTAL FORM	*STATE ASSIGNED ID [<u>P08</u>]
	*STATE CODE [<u>53</u>]
	*SHRP SECTION ID [<u>2402</u>]

HIGHWAY RT. NO. (THIS SESSION) 82 MILEPOST NO. (THIS SESSION) 48.5

LOCATION (THIS COUNT) 1.3 Mi. W. of Jct. SR 22

FILENAME C537409.N11 DISK/TAPE ID A3

BEGINNING DATE 12/01/91 BEGINNING TIME 00:00

ENDING DATE 01/01/92 ENDING TIME 00:00

COUNT DURATION 1 [] HOURS [] DAYS [X] MONTHS

VEHICLE CLASSIFICATION METHOD: FHWA X OTHER* #BINS

NOTE: IF NOT PREVIOUSLY PROVIDED TO SHRP, PLEASE ATTACH SHEET 6 DESCRIBING THE VEHICLE CLASSIFICATION CATEGORIES AND ALSO ATTACH SHEET 7 DESCRIBING HOW THE SHA WOULD CONVERT ITS CLASSIFICATION SCHEME TO THE FHWA 13 CLASS SYSTEM.

TYPE OF AVC EQUIPMENT: PORTABLE PERMANENT X

EQUIPMENT MAKE/MODEL # IRD 1060

SENSOR TYPE Piezo

ADJUSTMENT FACTORS FOR ESTIMATING AVERAGE ANNUAL VOLUMES BY CLASSIFICATION.

GENERAL FACTORS

CLASS SPECIFIC FACTORS (PROVIDE BY CLASS OR CLASS GROUPS)

ENTERED

JUL 28 1992

By MP

COMMENTS TO TEXT Recording ghost axles

FILL OUT ONE TRANSMITTAL SHEET FOR EACH DATA FILE SUBMITTED.

NAME OF PREPARER <u>Irene SanSeuci</u>	PHONE # <u>(206) 586-6555</u>
DATE PREPARED <u>01-16-92</u>	

IND.
2/19/93
LLW

123
6/17/93

SHEET 12 LTPP TRAFFIC DATA CLASSIFICATION DATA TRANSMITTAL FORM	*STATE ASSIGNED ID [<u>1208</u>]
	*STATE CODE [<u>53</u>]
	*SHRP SECTION ID [<u>7409</u>]

HIGHWAY RT. NO. (THIS SESSION) 82 MILEPOST NO. (THIS SESSION) 48.5
 LOCATION (THIS COUNT) 1.3 mi. W. of Jct. SR 22
 FILENAME C-53-7409-M11 DISK/TAPE ID A3

BEGINNING DATE 11/01/91 BEGINNING TIME 00:00

ENDING DATE 12/01/91 ENDING TIME 00:00

COUNT DURATION 1 [] HOURS [] DAYS [X] MONTHS

VEHICLE CLASSIFICATION METHOD: FHWA X OTHER* #BINS

NOTE: IF NOT PREVIOUSLY PROVIDED TO SHRP, PLEASE ATTACH SHEET 6 DESCRIBING THE
 VEHICLE CLASSIFICATION CATEGORIES AND ALSO ATTACH SHEET 7 DESCRIBING HOW
 THE SHA WOULD CONVERT ITS CLASSIFICATION SCHEME TO THE FHWA 13 CLASS SYSTEM.

TYPE OF AVC EQUIPMENT: PORTABLE PERMANENT X

EQUIPMENT MAKE/MODEL # IRD 1060

SENSOR TYPE Piczo

ADJUSTMENT FACTORS FOR ESTIMATING AVERAGE ANNUAL VOLUMES
 BY CLASSIFICATION.

GENERAL FACTORS

CLASS SPECIFIC FACTORS (PROVIDE BY CLASS OR CLASS GROUPS)

ENTERED

JUL 28 1992

COMMENTS TO TEXT Recording ghost axles By MP

FILL OUT ONE TRANSMITTAL SHEET FOR EACH DATA FILE SUBMITTED.

NAME OF PREPARER <u>Irene SanSouci</u>	PHONE # <u>(206) 586-6555</u>
DATE PREPARED <u>01-16-92</u>	

SHEET 12 LTPP TRAFFIC DATA CLASSIFICATION DATA TRANSMITTAL FORM	*STATE ASSIGNED ID [<u>008</u>]
	*STATE CODE [<u>53</u>]
	*SHRP SECTION ID [<u>7409</u>]

HIGHWAY RT. NO. (THIS SESSION) 82 MILEPOST NO. (THIS SESSION) 48.5
 LOCATION (THIS COUNT) 1.3 mi. W. of Jct. SR 22
 FILENAME C537409.L11 DISK/TAPE ID A3

BEGINNING DATE 10/01/91 BEGINNING TIME 00:00

ENDING DATE 11/01/91 ENDING TIME 00:00

COUNT DURATION 1 [] HOURS [] DAYS [X] MONTHS

VEHICLE CLASSIFICATION METHOD: FHWA X OTHER* #BINS

NOTE: IF NOT PREVIOUSLY PROVIDED TO SHRP, PLEASE ATTACH SHEET 6 DESCRIBING THE
 VEHICLE CLASSIFICATION CATEGORIES AND ALSO ATTACH SHEET 7 DESCRIBING HOW
 THE SHA WOULD CONVERT ITS CLASSIFICATION SCHEME TO THE FHWA 13 CLASS SYSTEM.

TYPE OF AVC EQUIPMENT: PORTABLE PERMANENT X

EQUIPMENT MAKE/MODEL # IRD 1060

SENSOR TYPE Piezo

ADJUSTMENT FACTORS FOR ESTIMATING AVERAGE ANNUAL VOLUMES
 BY CLASSIFICATION.

GENERAL FACTORS

CLASS SPECIFIC FACTORS (PROVIDE BY CLASS OR CLASS GROUPS)

ENTERED

JUL 28 1992

By MP

COMMENTS TO TEXT 10/27 - No data 24th hr.

Question classifications because of ghost axles.

FILL OUT ONE TRANSMITTAL SHEET FOR EACH DATA FILE SUBMITTED.

NAME OF PREPARER <u>Irene SanSouci</u>	PHONE # <u>(206) 586-6555</u>
DATE PREPARED <u>01-16-92</u>	

<p align="center">SHEET 12</p> <p align="center">LTPP TRAFFIC DATA</p> <p align="center">CLASSIFICATION DATA</p> <p align="center">TRANSMITTAL FORM</p>	<p>*STATE ASSIGNED ID [<u>008</u>]</p> <p>*STATE CODE [<u>53</u>]</p> <p>*SHRP SECTION ID [<u>7409</u>]</p>
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HIGHWAY RT. NO. (THIS SESSION) 82 MILEPOST NO. (THIS SESSION) 48.5
 LOCATION (THIS COUNT) 1.3 Mi. W. of Jct. SR 22
 ✓ FILENAME C537409.K01 DISK/TAPE ID A3

BEGINNING DATE 09/25/91 BEGINNING TIME 00:00

ENDING DATE 10/01/91 ENDING TIME 00:00

COUNT DURATION 6 [] HOURS [☒] DAYS [] MONTHS

VEHICLE CLASSIFICATION METHOD: FHWA ☒ OTHER* #BINS

NOTE: IF NOT PREVIOUSLY PROVIDED TO SHRP, PLEASE ATTACH SHEET 6 DESCRIBING THE
 VEHICLE CLASSIFICATION CATEGORIES AND ALSO ATTACH SHEET 7 DESCRIBING HOW
 THE SHA WOULD CONVERT ITS CLASSIFICATION SCHEME TO THE FHWA 13 CLASS SYSTEM.

TYPE OF AVC EQUIPMENT: PORTABLE PERMANENT ☒

EQUIPMENT MAKE/MODEL # IRD 1060

SENSOR TYPE Piezo

ADJUSTMENT FACTORS FOR ESTIMATING AVERAGE ANNUAL VOLUMES
 BY CLASSIFICATION.

GENERAL FACTORS ENTERED

JUL 28 1992

By MP

CLASS SPECIFIC FACTORS (PROVIDE BY CLASS OR CLASS GROUPS)

COMMENTS TO TEXT Autocalibration turned on. Recording
lots of ghost axes.

FILL OUT ONE TRANSMITTAL SHEET FOR EACH DATA FILE SUBMITTED.

NAME OF PREPARER <u>Irene SanSouci</u>	PHONE # <u>(206) 586-6555</u>
DATE PREPARED <u>01-16-92</u>	

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SHEET 13 LTPP TRAFFIC DATA VEHICLE WEIGHT DATA TRANSMITTAL FORM	*STATE ASSIGNED ID [<u>P08</u>]
	*STATE CODE [<u>53</u>]
	*SHRP SECTION ID [<u>7402</u>]

HIGHWAY RT. NO. (THIS SESSION) SR 82

MILEPOST NO. OR LOCATION (THIS SESSION) MP 48.5

FILENAME W537409.N11 DISKTAPE ID A3

BEGINNING DATE 12/01/91 BEGINNING TIME 00:00

ENDING DATE 01/01/92 ENDING TIME 00:00

COUNT DURATION 1 [] HOURS [] DAYS ☒ MONTHS

WEIGHT SCALE TYPE: PORT. WIM PERM. WIM ☒ OTHER

EQUIPMENT MAKE/MODEL# IRD 1060

SENSOR TYPE Piezo

COMMENTS Autocalibration turned on,

Recording ghost axles.

ENTERED

JUL 28 1992

By MP

FILL OUT ONE TRANSMITTAL SHEET FOR EACH DATA FILE SUBMITTED.

NAME OF PREPARER <u>Irene SanSouci</u>	PHONE # <u>(206) 586-6535</u>
DATE PREPARED <u>01-16-92</u>	

SHEET 13 LTPP TRAFFIC DATA VEHICLE WEIGHT DATA TRANSMITTAL FORM	*STATE ASSIGNED ID [<u>PO8</u>]
	*STATE CODE [<u>53</u>]
	*SHRP SECTION ID [<u>7409</u>]

HIGHWAY RT. NO. (THIS SESSION) SR 82

MILEPOST NO. OR LOCATION (THIS SESSION) MP 48.5

✓ FILENAME W537409.M11 DISK/TAPE ID A3

BEGINNING DATE 11/01/91 BEGINNING TIME 00:00

ENDING DATE 12/01/91 ENDING TIME 00:00

COUNT DURATION 1 [] HOURS [] DAYS [X] MONTHS

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2/19/93
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WEIGHT SCALE TYPE: PORT. WIM _____ PERM. WIM X OTHER _____

EQUIPMENT MAKE/MODEL# IRD 1060

SENSOR TYPE Piezo

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COMMENTS Autocalibration turned on.

Recording ghost axles.

ENTERED

JUL 28 1992

By MP

FILL OUT ONE TRANSMITTAL SHEET FOR EACH DATA FILE SUBMITTED.

NAME OF PREPARER <u>Irene SanSouci</u>	PHONE # <u>(206) 586-6555</u>
DATE PREPARED <u>01-16-92</u>	

SHEET 13 LTPP TRAFFIC DATA VEHICLE WEIGHT DATA TRANSMITTAL FORM	*STATE ASSIGNED ID [<u>008</u>]
	*STATE CODE [<u>53</u>]
	*SHRP SECTION ID [<u>7409</u>]

HIGHWAY RT. NO. (THIS SESSION) SR 82

MILEPOST NO. OR LOCATION (THIS SESSION) MP 48.5

FILENAME W537409. ^L11 DISK/TAPE ID A3

BEGINNING DATE 10/01/91 BEGINNING TIME 00:00

ENDING DATE 11/01/91 ENDING TIME 00:00

COUNT DURATION 1 [] HOURS [] DAYS [X] MONTHS

WEIGHT SCALE TYPE: PORT. WIM _____ PERM. WIM X OTHER _____

EQUIPMENT MAKE/MODEL# IRD 1060

SENSOR TYPE Piezo

COMMENTS Autocalibration turned on.
Question class because of ghost axles being recorded.

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ENTERED
JUL 28 1992
By MP

FILL OUT ONE TRANSMITTAL SHEET FOR EACH DATA FILE SUBMITTED.

NAME OF PREPARER <u>Irene SanSeuci</u>	PHONE # <u>(206) 586-6535</u>
DATE PREPARED <u>01-16-92</u>	

SHEET 13 LTPP TRAFFIC DATA VEHICLE WEIGHT DATA TRANSMITTAL FORM	*STATE ASSIGNED ID [<u>208</u>]
	*STATE CODE [<u>53</u>]
	*SHRP SECTION ID [<u>7409</u>]

HIGHWAY RT. NO. (THIS SESSION) SR 82

MILEPOST NO. OR LOCATION (THIS SESSION) MP 48.5

✓FILENAME W537409.K01 DISKTAPE ID A3

BEGINNING DATE 09/25/91 BEGINNING TIME 00:00

ENDING DATE 10/01/91 ENDING TIME 00:00

COUNT DURATION 6 [] HOURS [☒] DAYS [] MONTHS

WEIGHT SCALE TYPE: PORT. WIM _____ PERM. WIM X OTHER _____

EQUIPMENT MAKE/MODEL# IRD 1060

SENSOR TYPE Piezo

COMMENTS Autocalibration turned on,

Recording lots of ghost axles,

ENTERED

JUL 28 1992

By MP

FILL OUT ONE TRANSMITTAL SHEET FOR EACH DATA FILE SUBMITTED.

NAME OF PREPARER <u>Irene SanSouci</u>	PHONE # <u>(206) 586-6555</u>
DATE PREPARED <u>01-16-92</u>	

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**SHEET 14
LTPP TRAFFIC DATA**

EQUIPMENT INSTALLATION LOG

STATE ASSIGNED ID [P08]

STATE CODE [53]

SHRP SECTION ID [7409]

LOCATION SR 82

DATE OF INSTALLATION August 27, 1991

	TYPE	BRAND NAME	SERIAL NUMBER
Control Unit(s) and peripheral equipment			
Control Unit	IRD Model 1060	IRD WIM	9106-1186
Interface	(included in control unit)		
Modem	No phone service yet	Multi-Tech Systems	
Loop Amplifiers	(included in control unit)		
Other _____			
Sensor(s) / Platform(s)			
GPS Lane Sensor	2 each - Piezo Class 1		
Sensor Next Adjacent Lane (1)	" " " "		
Sensor Next Adjacent Lane (2)	" " " "		
Sensor Next Adjacent Lane (3)	" " " "		
Diagonal Sensor			
Offscale Sensor			
Right Platform			
Left Platform			
Other _____			
Software			
Complete Package	Version # 7.0	IRD	
Axle Spacing Algorithm Only			
Other _____			
Loops			
Upstream - Lane 1	Yes		
Downstream - Lane 1	Yes		
Upstream - Other Lanes	Yes		
Downstream - Other Lanes	Yes		

LOCATION SR 82 TYPE EQUIP. Piezo Class 1
MP # MP 48.5 MODEL # IRD 1060

[illegible]