

800.12.11.8.12
531005

<p align="center">SHEET 10 LTPP TRAFFIC DATA</p> <p align="center">TRAFFIC VOLUME AND LOAD ESTIMATE UPDATE-NO SITE COUNT</p>	*STATE ASSIGNED ID	[F 10]
	*STATE CODE	[53]
	*SHRP SECTION ID	[4 0 0 5]

1. ANNUAL TRAFFIC ESTIMATES

*YEAR	ESTIMATED TOTAL VEHICLES AADT (TWO-WAY)	ESTIMATED TOTAL TRUCK AADT (TWO-WAY)	ESTIMATED TOTAL VEHICLES AADT LTPP LANE	*ESTIMATED TOTAL TRUCKS AADT LTPP LANE	*ESTIMATED ESAL'S/YR LTPP LANE (1000'S)
<u>1991</u>	<u>7240</u>	<u>1312</u>	<u>2959</u>	<u>547</u>	<u>151</u>

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

- ☐ Growth factored last year's estimate. (6)
- ☐ Estimated based on volume counts at nearby locations. (3)
- ☐ Used computerized network analyses. (4)
- ☐ Factored a single count taken this year at the LTPP site. (1)
- ☐ Averaged multiple counts taken this year at the LTPP site. (2)
- ☒ Averaged and factored multiple count taken this year at the LTPP site. (5)
- ☐ Used flow maps. (7)
- ☐ Other: (8) _____

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

- ☐ Used system averages from counts taken this year. (6)
- ☐ Used count data from nearby sites. (3)
- ☐ Used count data from previous years at the LTPP site. (7)
- ☐ Used system averages from previous years. (8)
- ☐ Used computerized network analyses. (4)
- ☐ Used a single count taken this year at the LTPP site. (5)
- ☐ Factored a single count taken this year at the LTPP site. (1)
- ☒ Averaged multiple counts taken this year at the LTPP site. (2)
- ☐ Other: (9) _____

4. METHOD FOR ESTIMATING TOTAL VEHICLES LTPP LANE AADT

- ☒ System distribution factors. (2)
- ☒ Based on actual lane count data. (1)
- ☐ Other: (3) _____

*5. METHOD FOR ESTIMATING TOTAL TRUCKS, LTPP LANE, AADT

- ☐ System distribution factors. (2)
- ☒ Based on actual lane data count. (1)
- ☐ Other: (3) _____

*6. METHOD FOR ESTIMATING ESAL/YEAR IN LTPP LANE

- ☐ ESAL/Truck factor (1)
- ☐ ESAL/Vehicle class. (2) (No. of classes) _____
- ☐ ESAL/Axle(3) Sing. _____ Tand. _____ Tri. _____
- ☒ Other: (4) 3 Truck factors (ESAL) applied to volumes of Single, Double, Triple Unit Trucks.

7. ESAL ESTIMATES - SOURCE OF DATA

- ☐ Weight data collected at LTPP site prior years. (2)
- ☐ Weight data from system averages this year. (3)
- ☐ Weight data from system averages prior years. (4)
- ☐ Weight data from historic W-4 Tables used. (5)
- ☒ Other: (6) See #6

8. WEIGHT SCALE TYPE

- ☒ WIM scale. (1)
- ☐ Static scale used for enforcement. (2)
- ☐ Static scale not used for enforcement. (3)
- ☐ Other: (4) _____

NAME OF PREPARER <u>Guorong Lin</u>	PHONE # <u>(360) 590-2420</u>
DATE PREPARED <u>1-10-05</u>	rev. March 12, 2001

ENTERED MAR 28 2005
B2

SHEET 12 LTPP TRAFFIC DATA CLASSIFICATION DATA TRANSMITTAL FORM	*STATE ASSIGNED ID [<u>P10</u>]
	*STATE CODE [<u>53</u>]
	*SHRP SECTION ID [<u>2005</u>]

HIGHWAY RT. NO. (THIS SESSION) 90 MILEPOST NO. (THIS SESSION) 218.63

LOCATION (THIS COUNT) 1.51 Mi. E. of Jct. SR 395

FILENAME C531005. ~~NO1~~ DISK/TAPE ID A3

BEGINNING DATE 12/10/91 BEGINNING TIME 00:00

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

COUNT DURATION 21 [] HOURS [X] DAYS [] 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 Last beginning of month to 12/10/91 from hard disk failure.

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>	

INV.
2/19/93
CW

NS
6/17/93

SHEET 12 LTPP TRAFFIC DATA CLASSIFICATION DATA TRANSMITTAL FORM	*STATE ASSIGNED ID [P10] *STATE CODE [53] *SHRP SECTION ID [1005]
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HIGHWAY RT. NO. (THIS SESSION) 90 MILEPOST NO. (THIS SESSION) 218.63
 LOCATION (THIS COUNT) 1.51 Mi. E of Jct. SR 395
 FILENAME #C531005.L11 DISKTAPE 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 [☒] 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

CLASS SPECIFIC FACTORS (PROVIDE BY CLASS OR CLASS GROUPS)

ENTERED

JUL 28 1992

By MP

COMMENTS TO TEXT Autocalibration turned on.

10/29 - Set clock to standard time.

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>	

INV.
2/19/93
WU

13
6/17/93

SHEET 12 LTPP TRAFFIC DATA CLASSIFICATION DATA TRANSMITTAL FORM	*STATE ASSIGNED ID [<u>SL0</u>]
	*STATE CODE [<u>53</u>]
	*SHRP SECTION ID [<u>1005</u>]

HIGHWAY RT. NO. (THIS SESSION) 90 MILEPOST NO. (THIS SESSION) 218.63
 LOCATION (THIS COUNT) 1.51 mi. E. of Jct. SR 395
 FILENAME C531005.KM1 DISK/TAPE ID A3

BEGINNING DATE 09/23/91 BEGINNING TIME 17:00

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

COUNT DURATION 7.5 [] HOURS [X] DAYS [] 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 System installed 9/23/91 By MP

Autocalibration turned on.

FILL OUT ONE TRANSMITTAL SHEET FOR EACH DATA FILE SUBMITTED.

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

IND.
2/19/93
CW

DS
6/17/93

SHEET 13 LTPP TRAFFIC DATA VEHICLE WEIGHT DATA TRANSMITTAL FORM	*STATE ASSIGNED ID [<u>P10</u>]
	*STATE CODE [<u>53</u>]
	*SHRP SECTION ID [<u>1005</u>]

HIGHWAY RT. NO. (THIS SESSION) SR 90

MILEPOST NO. OR LOCATION (THIS SESSION) MP 218.63

FILENAME W531005-NBT DISK/TAPE ID A3
N01

BEGINNING DATE 12/10/91 BEGINNING TIME 00:00

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

COUNT DURATION 21 [] HOURS [X] DAYS [] MONTHS

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

EQUIPMENT MAKE/MODEL# IRD 1060

SENSOR TYPE Piezo

COMMENTS Last beginning of month to 12/10/91 from
hard drive failure.

*Inv
2/18/93
LW*

*NS
6/17/93*

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>P10</u>]
	*STATE CODE [<u>53</u>]
	*SHRP SECTION ID [<u>1005</u>]

HIGHWAY RT. NO. (THIS SESSION) SR 90

MILEPOST NO. OR LOCATION (THIS SESSION) MP 218.63

FILENAME W531005. 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

10/29- Site calibrated for weight.

ENTERED

JUL 28 1992

By MP

FILL OUT ONE TRANSMITTAL SHEET FOR EACH DATA FILE SUBMITTED.

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

INV.
2/19/93
LLV

DS
6/17/93

SHEET 13 LTPP TRAFFIC DATA VEHICLE WEIGHT DATA TRANSMITTAL FORM	*STATE ASSIGNED ID [<u>P10</u>]
	*STATE CODE [<u>53</u>]
	*SHRP SECTION ID [<u>1005</u>]

HIGHWAY RT. NO. (THIS SESSION) SR 90

MILEPOST NO. OR LOCATION (THIS SESSION) MP 218.63

FILENAME W531005.KM1 DISK/TAPE ID A3

BEGINNING DATE 09/23/91 BEGINNING TIME 17:00

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

COUNT DURATION 7.5 [] HOURS [☒] DAYS [] MONTHS

INV.
2/19/93
LW

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

EQUIPMENT MAKE/MODEL# IRD 1060

SENSOR TYPE Piezo

COMMENTS Autocalibration turned on

NS
6/17/9

ENTERED
JUL 28 1992
By DR

FILL OUT ONE TRANSMITTAL SHEET FOR EACH DATA FILE SUBMITTED.

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

**SHEET 14
LTPP TRAFFIC DATA**

EQUIPMENT INSTALLATION LOG

STATE ASSIGNED ID [P10]

STATE CODE [53]

SHRP SECTION ID [1005]

LOCATION SR 90 MP 218.63 DATE OF INSTALLATION September 23, 1991

	TYPE	BRAND NAME	SERIAL NUMBER
Control Unit(s) and peripheral equipment			
Control Unit	IRD Model 1060	IRD WIM	9104-1037
Interface	(included in control unit)		
Modem	9600 Baud	Multi-Tech Systems	2058850
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 # 7.2.1	IRD	
Axle Spacing Algorithm Only			
Other _____			
Loops			
Upstream - Lane 1	Yes		
Downstream - Lane 1	Yes		
Upstream - Other Lanes	Yes		
Downstream - Other Lanes	Yes		

SHEET 15
LTPP TRAFFIC DATA

*STATE CODE [_ 53 _]

*SHRP SECTION ID [_1005_]

MP # MP 218.63 MODEL # IRD 1060

[illegible]