

**SHEET 10
LTPP TRAFFIC DATA**

**TRAFFIC VOLUME AND LOAD
ESTIMATE UPDATE-NO SITE COUNT**

*STATE ASSIGNED ID []
 *STATE CODE 55
 *SHRP SECTION ID 3010

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>1990</u>	<u>7035</u>	<u>689</u>	<u>3166</u>	<u>310</u>	<u>113</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)
☐ Average multiple counts taken this year at the LTPP site. (2)
☐ Average 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) G.F.

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

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

***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) _____

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) _____

8. WEIGHT SCALE TYPE

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

ENTERED MAY 07 2009

NAME OF PREPARER N. Whitford PHONE# _____
 DATE PREPARED May 6/09 rev. March 12, 2001

SHEET 11
LTPP TRAFFIC DATA

VOLUME DATA
TRANSMITTAL FORM

*STATE ASSIGNED ID [3302]
*STATE CODE [55]
*SHRP SECTION ID [3010]

HIGHWAY RT. NO. (THIS COUNT) STH 23 MILEPOST NO. (THIS COUNT) _____

LOCATION (THIS COUNT) 0.7 mile East of STH 32

FILENAME V553010.JNP DISK/TAPE ID _____

BEGINNING DATE 8-24-90 BEGINNING TIME 0100

ENDING DATE 8-25-90 ENDING TIME 2400

TYPE OF COUNT: TWO-WAY X ONE-WAY _____ GPS LANE _____

COUNT DURATION 2 [] HOURS [X] DAYS [] MONTHS

TYPE OF SENSOR 2 ROAD TUBES 1 PIEZO CABLE per lane
_____ PIEZO FILM 2 LOOPS _____ OTHER _____

EQUIPMENT MANUFACTURER / MODEL # STREETER RICHARDSON TRAFFICMAP II MODEL 241

AXLE CORRECTION FACTOR _____ STANDARD DEV. OF FACTOR _____

MONTHLY/SEASONAL FACTOR _____ STANDARD DEV. OF FACTOR _____

DAY-OF-WEEK FACTOR _____ STANDARD DEV. OF FACTOR _____

OTHER FACTOR _____ STANDARD DEV. OF FACTOR _____
SPECIFY _____

DISTRIBUTION FACTOR FOR GPS LANE _____
(WHEN NOT AVAILABLE FROM ACTUAL COUNT DATA.)

SOURCE OF GPS LANE DISTRIBUTION FACTOR ESTIMATE _____

COMMENTS: _____

FILL OUT ONE TRANSMITTAL SHEET FOR EACH DATA FILE SUBMITTED.

NAME OF PREPARER John Williamson PHONE # 608 267 2939
DATE PREPARED 8/4/92

SHEET 11
LTPP TRAFFIC DATA
VOLUME DATA
TRANSMITTAL FORM

*STATE ASSIGNED ID [3302]
*STATE CODE [55]
*SHRP SECTION ID [3010]

HIGHWAY RT. NO. (THIS COUNT) STH 23 MILEPOST NO. (THIS COUNT) _____

LOCATION (THIS COUNT) 0.7 mile East of STH 32

FILENAME V553010.KLP DISK/TAPE ID _____

BEGINNING DATE 9-1-90 BEGINNING TIME 0100

ENDING DATE 9-3 ENDING TIME 0500

TYPE OF COUNT: TWO-WAY X ONE-WAY _____ GPS LANE _____

COUNT DURATION 53 [X] HOURS [] DAYS [] MONTHS

TYPE OF SENSOR 2 ROAD TUBES 1 PIEZO CABLE per lane
PIEZO FILM 2 LOOPS _____ OTHER _____

EQUIPMENT MANUFACTURER / MODEL # STREETER RICHARDSON TRAFFICMAP III

MODEC
241

AXLE CORRECTION FACTOR _____ STANDARD DEV. OF FACTOR _____

MONTHLY/SEASONAL FACTOR _____ STANDARD DEV. OF FACTOR _____

DAY-OF-WEEK FACTOR _____ STANDARD DEV. OF FACTOR _____

OTHER FACTOR _____ STANDARD DEV. OF FACTOR _____
SPECIFY _____

DISTRIBUTION FACTOR FOR GPS LANE _____
(WHEN NOT AVAILABLE FROM ACTUAL COUNT DATA.)

SOURCE OF GPS LANE DISTRIBUTION FACTOR ESTIMATE _____

COMMENTS: _____

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HIGHWAY RT. NO. (THIS COUNT) STH 23 MILEPOST NO. (THIS COUNT) _____

LOCATION (THIS COUNT) 0.7 mile East of STH 32

FILENAME V553010.K40 DISK/TAPE ID _____

BEGINNING DATE 9-4-90 BEGINNING TIME 0100

ENDING DATE 9-5 ENDING TIME 2400

TYPE OF COUNT: TWO-WAY X ONE-WAY _____ GPS LANE _____

COUNT DURATION 2 [] HOURS [X] DAYS [] MONTHS

TYPE OF SENSOR 2 ROAD TUBES 1 PIEZO CABLE per lane
PIEZO FILM 2 LOOPS _____ OTHER _____

EQUIPMENT MANUFACTURER / MODEL # STREETER RICHARDSON TRAFFICMAP III MODEL 241

AXLE CORRECTION FACTOR _____ STANDARD DEV. OF FACTOR _____

MONTHLY/SEASONAL FACTOR _____ STANDARD DEV. OF FACTOR _____

DAY-OF-WEEK FACTOR _____ STANDARD DEV. OF FACTOR _____

OTHER FACTOR _____ STANDARD DEV. OF FACTOR _____
SPECIFY _____

DISTRIBUTION FACTOR FOR GPS LANE _____
(WHEN NOT AVAILABLE FROM ACTUAL COUNT DATA.)

SOURCE OF GPS LANE DISTRIBUTION FACTOR ESTIMATE _____

COMMENTS: _____

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HIGHWAY RT. NO. (THIS COUNT) STH 23 MILEPOST NO. (THIS COUNT) _____

LOCATION (THIS COUNT) 0.7 mile East of STH 32

FILENAME V553010.MSD DISK/TAPE ID _____

BEGINNING DATE 11-29-90 BEGINNING TIME 1000

ENDING DATE 11-30 ENDING TIME 2400

TYPE OF COUNT: TWO-WAY X ONE-WAY _____ GPS LANE _____

COUNT DURATION 38 X HOURS [] DAYS [] MONTHS

TYPE OF SENSOR 2 ROAD TUBES 1 PIEZO CABLE per lane
_____ PIEZO FILM 2 LOOPS _____ OTHER _____

EQUIPMENT MANUFACTURER / MODEL # STREETE2 RICHARDSON TRAFFICOMP II MODEL 241

AXLE CORRECTION FACTOR _____ STANDARD DEV. OF FACTOR _____

MONTHLY/SEASONAL FACTOR _____ STANDARD DEV. OF FACTOR _____

DAY-OF-WEEK FACTOR _____ STANDARD DEV. OF FACTOR _____

OTHER FACTOR _____ STANDARD DEV. OF FACTOR _____
SPECIFY _____

DISTRIBUTION FACTOR FOR GPS LANE _____
(WHEN NOT AVAILABLE FROM ACTUAL COUNT DATA.)

SOURCE OF GPS LANE DISTRIBUTION FACTOR ESTIMATE _____

COMMENTS: _____

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*STATE CODE [55]
*SHRP SECTION ID [3010]

HIGHWAY RT. NO. (THIS COUNT) STH 23 MILEPOST NO. (THIS COUNT) _____

LOCATION (THIS COUNT) 0.7 mile East of STH 32

FILENAME V553010.N10 DISK/TAPE ID _____

BEGINNING DATE 12-1-90 BEGINNING TIME 0100

ENDING DATE 12-31 ENDING TIME 2400

TYPE OF COUNT: TWO-WAY X ONE-WAY _____ GPS LANE _____

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

TYPE OF SENSOR 2 ROAD TUBES 1 PIEZO CABLE per lane
PIEZO FILM 2 LOOPS _____ OTHER _____

EQUIPMENT MANUFACTURER / MODEL # STREETEER RICHARDSON TRAFFICMAP II MODEL 241

AXLE CORRECTION FACTOR _____ STANDARD DEV. OF FACTOR _____

MONTHLY/SEASONAL FACTOR _____ STANDARD DEV. OF FACTOR _____

DAY-OF-WEEK FACTOR _____ STANDARD DEV. OF FACTOR _____

OTHER FACTOR _____ STANDARD DEV. OF FACTOR _____
SPECIFY _____

DISTRIBUTION FACTOR FOR GPS LANE _____
(WHEN NOT AVAILABLE FROM ACTUAL COUNT DATA.)

SOURCE OF GPS LANE DISTRIBUTION FACTOR ESTIMATE _____

COMMENTS: _____

FILL OUT ONE TRANSMITTAL SHEET FOR EACH DATA FILE SUBMITTED.

NAME OF PREPARER John Williamson PHONE # 608 267 2939
DATE PREPARED 8/4/92

LTPP TRAFFIC DATA

CLASSIFICATION DATA
TRANSMITTAL FORM

*STATE ASSIGNED ID [3304]

*STATE CODE [55]

*SHRP SECTION ID [3010]

HIGHWAY RT. NO. (THIS SESSION) STH 23 MILEPOST NO. (THIS SESSION) _____LOCATION (THIS COUNT) 0.7 mile East of STH 32FILENAME C553010.JND DISK/TAPE ID _____BEGINNING DATE 8-24-90 BEGINNING TIME 0100ENDING DATE 8-25 ENDING TIME 2400COUNT DURATION 2 [] HOURS [X] DAYS [] MONTHSVEHICLE 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 XEQUIPMENT MAKE/MODEL # STREETER RICHARDSON TRAFFICOMP III model 241SENSOR TYPE 2 loops and 1 Piezo per laneADJUSTMENT FACTORS FOR ESTIMATING AVERAGE ANNUAL VOLUMES
BY CLASSIFICATION.

GENERAL FACTORS _____

CLASS SPECIFIC FACTORS (PROVIDE BY CLASS OR CLASS GROUPS) _____

COMMENTS TO TEXT _____

FILL OUT ONE TRANSMITTAL SHEET FOR EACH DATA FILE SUBMITTED.

NAME OF PREPARER John Williamson PHONE # 608 267 2939
DATE PREPARED 8/4/92

LTPP TRAFFIC DATA

CLASSIFICATION DATA TRANSMITTAL FORM

*STATE ASSIGNED ID [3304]

*STATE CODE [55]

*SHRP SECTION ID [3010]

HIGHWAY RT. NO. (THIS SESSION) STH 23 MILEPOST NO. (THIS SESSION) _____

LOCATION (THIS COUNT) 0.7 mile East of STH 32

FILENAME C553010. K10 DISK/TAPE ID _____

BEGINNING DATE 9-1-90 BEGINNING TIME 0100

ENDING DATE 9-3 ENDING TIME 0500

COUNT DURATION 53 [X] HOURS [] DAYS [] MONTHS

VEHICLE CLASSIFICATION METHOD: FHWA X OTHER* _____ #BINS _____

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TYPE OF AVC EQUIPMENT: PORTABLE _____ PERMANENT X

EQUIPMENT MAKE/MODEL # STREETER RICHARDSON TRAFFICOMP III model 241

SENSOR TYPE 2 loops and 1 Piezo per lane

ADJUSTMENT FACTORS FOR ESTIMATING AVERAGE ANNUAL VOLUMES BY CLASSIFICATION.

GENERAL FACTORS _____

CLASS SPECIFIC FACTORS (PROVIDE BY CLASS OR CLASS GROUPS) _____

COMMENTS TO TEXT _____

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LOCATION (THIS COUNT) 0.7 mile East of STH 32

FILENAME C553010. K40 DISK/TAPE ID _____

BEGINNING DATE 9-4-90 BEGINNING TIME 0100

ENDING DATE 9-5 ENDING TIME 2400

COUNT DURATION 2 [] HOURS [X] DAYS [] MONTHS

VEHICLE CLASSIFICATION METHOD: FHWA X OTHER* _____ #BINS _____

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TYPE OF AVC EQUIPMENT: PORTABLE _____ PERMANENT X

EQUIPMENT MAKE/MODEL # STREETER RICHARDSON TRAFFICOMP III MODEL 241

SENSOR TYPE 2 LOOPS and 1 Piezo per lane

ADJUSTMENT FACTORS FOR ESTIMATING AVERAGE ANNUAL VOLUMES BY CLASSIFICATION.

GENERAL FACTORS _____

CLASS SPECIFIC FACTORS (PROVIDE BY CLASS OR CLASS GROUPS) _____

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LOCATION (THIS COUNT) 0.7 mile East of STH 32

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BEGINNING DATE 11-29-90 BEGINNING TIME 1000

ENDING DATE 11-30 ENDING TIME 2400

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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 # STREETER RICHARDSON TRAFFICOMP III model 241

SENSOR TYPE 2 loops and 1 Piezo per lane

ADJUSTMENT FACTORS FOR ESTIMATING AVERAGE ANNUAL VOLUMES BY CLASSIFICATION.

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LTPP TRAFFIC DATA

CLASSIFICATION DATA
TRANSMITTAL FORM

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BY CLASSIFICATION.

GENERAL FACTORS _____

CLASS SPECIFIC FACTORS (PROVIDE BY CLASS OR CLASS GROUPS) _____

COMMENTS TO TEXT _____

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NAME OF PREPARER John Williamson PHONE # 608 267 2939
DATE PREPARED 8/4/92

**SHEET 14
LTPP TRAFFIC DATA**

EQUIPMENT INSTALLATION LOG

STATE ASSIGNED ID [33 02]

STATE CODE [55]

SHRP SECTION ID [3010]

10/1/90

STH 23 LOCATION 0.7 mile East of STH 32 DATE OF INSTALLATION 8/29/90

	TYPE	BRAND NAME	SERIAL NUMBER
Control Unit(s) and peripheral equipment			
Control Unit	AVE	Streete Richardson TC3	T60
Interface	—		
Modem	1200 baud	UDS 212 AP	#222
Loop Amplifiers			
Other _____			
Sensor(s) / Platform(s)			
GPS Lane Sensor WB1	Piezo electric cable	Piezo unit	DP060 3012
Sensor Next Adjacent Lane (1) WB2	" 8' Film	"	DP060 3003
Sensor Next Adjacent Lane (2) EB2	"	"	DP060 3020
Sensor Next Adjacent Lane (3) EB1	"	"	DP060 3043
Diagonal Sensor	—		
Offscale Sensor	—		
Right Platform	—		
Left Platform	—		
Other _____	—		
Software			
Complete Package		SR 261 Version 3.6	
Axle Spacing Algorithm Only			
Other _____			
Loops			
Upstream - Lane 1	6X6' 12 AWG- wire in	PVC Conduit	
Downstream - Lane 1	"		
Upstream - Other Lanes	"		
Downstream - Other Lanes	"		

<p align="center">SHEET 15</p> <p align="center">LTPP TRAFFIC DATA</p> <p align="center">LOG OF CHANGES AT GPS TEST LOCATIONS WITH PERM. AVC OR WIM</p>	*STATE ASSIGNED ID	[3302]
	*STATE CODE	[55]
	*SHRP SECTION ID	[3010]

Keller

LOCATION STH23 0.7 mile East of TYPE EQUIP. Street Richardson AVC

MP # STH32 MODEL # 241

DATE OF CHANGE	TIME OF CHANGE	DESCRIPTION OF CHANGE	PERSON MAKING CHANGE	PHONE #	NEW EQUIP. SERIAL #
11/29/90	8:00	replace TC3	D. Amherst		T86
6/26/91		replace pieces	D. Kitzinger		Thermo Corp?
8/5/91	9:00	replace TC3	D. Penning		T20
3/25/92		"	J. Oldenburg		T57