

<b>SHEET 10</b> <b>LTPP TRAFFIC DATA</b>  <b>TRAFFIC VOLUME AND LOAD</b> <b>ESTIMATE UPDATE-NO SITE COUNT</b>	*STATE ASSIGNED ID	[ ]
	*STATE CODE	[ 01 ]
	*SHRP SECTION ID	[ 0600 ]

# 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 TRUCK AADT LTPP LANE	*ESTIMATED ESAL'S/YR LTPP LANE (1000'S)
2003				1,293	566

## 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 average 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. (9)  
☐ 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. (4)  
☐ Averaged multiple counts taken this year at the LTPP site. (2)  
☐ Other: (10)

## 4. METHOD FOR ESTIMATEING 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 count data. (1)  
☒ Other: (3) Projected from available data

## \*6. METHOD FOR ESTIMAING ESAL/YEAR IN LTPP LANE

- ☐ ESAL/Truck factor (1)  
☐ ESAL/Vehicle class. (2) (No. of classes)  
☐ ESAL/Axle(3) Sing. Tand. Tri.  
☒ Other: (3) Projected from available data

## 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)

NAME OF PREPARER	Dan YE	PHONE #	512-977-1845
DATE PREPARED	2/16/2009	REV. February 21, 2000	

ENTERED APR 02 2009 J P M  
ENTERED FEB 23 2009 J P M

SHEET 16  
LTPP MONITORED TRAFFIC DATA  
SITE CALIBRATION SUMMARY

\*STATE ASSIGNED ID [\_0\_9\_2\_0]  
\*STATE CODE [\_0\_1]  
\*SHRP SECTION ID [\_0\_6\_0\_0]

SITE CALIBRATION INFORMATION

1. \* DATE OF CALIBRATION (MONTH/DAY/YEAR) [\_1\_2/\_1\_1/\_2\_0\_0\_3]
2. \* TYPE OF EQUIPMENT CALIBRATED \_\_\_ WIM XX CLASSIFIER \_\_\_ BOTH
3. \* REASON FOR CALIBRATION  
\_\_\_ REGULARLY SCHEDULED SITE VISIT \_\_\_ RESEARCH  
\_\_\_ EQUIPMENT REPLACEMENT \_\_\_ TRAINING  
\_\_\_ DATA TRIGGERED SYSTEM REVISION \_\_\_ NEW EQUIPMENT INSTALLATION  
\_XX\_ OTHER (SPECIFY) \_\_\_ SITE ASSESSMENT \_\_\_\_\_
4. \* SENSORS INSTALLED IN LTPP LANE AT THIS SITE (CHECK ALL THAT APPLY):  
\_\_\_ BARE ROUND PIEZO CERAMIC \_\_\_ BARE FLAT PIEZO \_\_\_ BENDING PLATES  
\_\_\_ CHANNELIZED ROUND PIEZO \_\_\_ LOAD CELLS \_\_\_ QUARTZ PIEZO  
\_\_\_ CHANNELIZED FLAT PIEZO \_\_\_XX\_ INDUCTANCE LOOPS \_\_\_ CAPACITANCE PADS  
\_XX\_ OTHER (SPECIFY) \_\_\_\_\_ Piezo unknown \_\_\_\_\_
5. EQUIPMENT MANUFACTURER \_\_\_\_\_ Peek ADR 3000 \_\_\_\_\_

WIM SYSTEM CALIBRATION SPECIFICS\*\*

- 6.\*\* CALIBRATION TECHNIQUE USED:  
\_\_\_ TRAFFIC STREAM -- \_\_\_ STATIC SCALE (Y/N) \_\_\_ TEST TRUCKS  
\_\_\_ NUMBER OF TRUCKS COMPARED \_\_\_ NUMBER OF TEST TRUCKS USED  
\_\_\_ PASSES PER TRUCK  
TRUCK TYPE SUSPENSION  
TYPE PER FHWA 13 BIN SYSTEM 1 \_\_\_\_\_  
SUSPENSION: 1 - AIR; 2 - LEAF SPRING 2 \_\_\_\_\_  
3 - OTHER (DESCRIBE) 3 \_\_\_\_\_
7. SUMMARY CALIBRATION RESULTS (EXPRESSED AS A PERCENT)  
MEAN DIFFERENCE BETWEEN —  
DYNAMIC AND STATIC GVW \_\_\_\_\_ STANDARD DEVIATION \_\_\_\_\_  
DYNAMIC AND STATIC SINGLE AXLES \_\_\_\_\_ STANDARD DEVIATION \_\_\_\_\_  
DYNAMIC AND STATIC DOUBLE AXLES \_\_\_\_\_ STANDARD DEVIATION \_\_\_\_\_
8. \_\_\_ NUMBER OF SPEEDS AT WHICH CALIBRATION WAS PERFORMED
9. DEFINE THE SPEED RANGES USED (MPH) \_\_\_\_\_  
\_\_\_\_\_
10. CALIBRATION FACTOR (AT EXPECTED FREE FLOW SPEED) \_\_\_\_\_
- 11.\*\* IS AUTO-CALIBRATION USED AT THIS SITE? (Y/N) \_\_\_\_\_  
IF YES, LIST AND DEFINE AUTO-CALIBRATION VALUE: \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

CLASSIFIER TEST SPECIFICS\*\*\*

- 12.\*\*\* METHOD FOR COLLECTING INDEPENDENT VOLUME MEASUREMENT BY VEHICLE CLASS:  
\_\_\_ VIDEO XX\_ MANUAL \_\_\_ PARALLEL CLASSIFIERS
13. METHOD TO DETERMINE LENGTH OF COUNT \_\_\_ TIME \_XX\_ NUMBER OF TRUCKS
14. MEAN DIFFERENCE IN VOLUMES BY VEHICLES CLASSIFICATION:  
\*\*\* FHWA CLASS 9 \_\_\_0\_\_\_ FHWA CLASS \_\_\_5\_\_\_ \_\_\_33\_\_\_  
\*\*\* FHWA CLASS 8 \_\_\_0\_\_\_ FHWA CLASS \_\_\_\_\_  
FHWA CLASS \_\_\_\_\_  
FHWA CLASS \_\_\_\_\_  
\*\*\* PERCENT "UNCLASSIFIED" VEHICLES: \_\_\_0\_\_\_

PERSON LEADING CALIBRATION EFFORT: \_\_\_\_\_ Dean J. Wolf \_\_\_\_\_  
CONTACT INFORMATION: 301-210-5105 \_\_\_\_\_ rev. November 9, 1999

ENTERED JAN 26 2004 RG