

SHEET 10 LTPP TRAFFIC DATA TRAFFIC VOLUME AND LOAD ESTIMATE UPDATE-NO SITE COUNT	*STATE ASSIGNED ID	[]
	*STATE CODE	[01]
	*SHRP SECTION ID	[0500]

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)
<u>2003</u>				<u>574</u>	<u>71</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 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)

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DATE PREPARED	<u>7/25/2008</u>	REV.	February 21, 2000

SHEET 16 LTTP MONITORED TRAFFIC DATA SITE CALIBRATION SUMMARY	*STATE ASSIGNED ID [0 9 0 6] *STATE CODE [0 1] *SHRP SECTION ID [0 5 0 0]
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SITE CALIBRATION INFORMATION

1. * DATE OF CALIBRATION (MONTH/DAY/YEAR) [1 2 / 0 9 / 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 LTTP 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
1		
2		
3		

 TYPE PER FHWA 13 BIN SYSTEM
 SUSPENSION: 1 - AIR; 2 - LEAF SPRING
 3 - OTHER (DESCRIBE)
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 XX TIME NUMBER OF TRUCKS
14. MEAN DIFFERENCE IN VOLUMES BY VEHICLES CLASSIFICATION:
 *** FHWA CLASS 9 0 FHWA CLASS 4 25
 *** FHWA CLASS 8 0 FHWA CLASS 5 58
 FHWA CLASS 6 10
 FHWA CLASS _____
 *** PERCENT "UNCLASSIFIED" VEHICLES: 0

PERSON LEADING CALIBRATION EFFORT: <u>Dean J. Wolf</u>
CONTACT INFORMATION: <u>301-210-5105</u> rev. November 9, 1999

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