

SHEET 10 LTPP TRAFFIC DATA TRAFFIC VOLUME AND LOAD ESTIMATE UPDATE-NO SITE COUNT	*STATE ASSIGNED ID	[_ _ _ _]
	*STATE CODE	[0 4]
	*SHRP SECTION ID	[1 0 2 4]

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)
2003	13041	7888	5217	3155	0 3 8 4

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) _____

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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rev. March 12, 2001

ENTERED OCT 24 2007

SHEET 1
LTPP MONITORED TRAFFIC DATA
SITE CALIBRATION SUMMARY

*STATE ASSIGNED ID [0518]
*STATE CODE [04]
*SHRP SECTION ID [1024]

SITE CALIBRATION INFORMATION

file 800.12.2.8.12

1. * DATE OF CALIBRATION (MONTH/DAY/YEAR) [06/04/2003]
2. * TYPE OF EQUIPMENT CALIBRATED ☒ WIM _____ CLASSIFIER ☒ BOTH ^{3/50/16}
3. * REASON FOR CALIBRATION
☒ REGULARLY SCHEDULED SITE VISIT _____ RESEARCH
_____ EQUIPMENT REPLACEMENT _____ TRAINING
_____ DATA TRIGGERED SYSTEM REVISION _____ NEW EQUIPMENT INSTALLATION
_____ OTHER (SPECIFY) _____
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 ☒ INDUCTANCE LOOPS _____ CAPACITANCE PADS
_____ OTHER (SPECIFY) _____
5. EQUIPMENT MANUFACTURER PAT AMERICA.

WIM SYSTEM CALIBRATION SPECIFICS**

- 6.** CALIBRATION TECHNIQUE USED:
_____ TRAFFIC STREAM -- _____ STATIC SCALE (Y/N) ☒ TEST TRUCKS
_____ NUMBER OF TRUCKS COMPARED _____ 1 NUMBER OF TEST TRUCKS USED
- | TRUCK | TYPE | PASSES PER TRUCK | SUSPENSION |
|-------|----------|------------------|------------|
| 1 | <u>9</u> | <u>1</u> | |
| 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 _____ 2.9 STANDARD DEVIATION 10.9
DYNAMIC AND STATIC SINGLE AXLES _____ 1.0 STANDARD DEVIATION 6.1
DYNAMIC AND STATIC DOUBLE AXLES _____ 5.9 STANDARD DEVIATION 11.4
8. 3 NUMBER OF SPEEDS AT WHICH CALIBRATION WAS PERFORMED
9. DEFINE THE SPEED RANGES USED (MPH) ~~55, 65, & 75~~
50, 60, 65
10. CALIBRATION FACTOR (AT EXPECTED FREE FLOW SPEED) _____
- 11.** IS AUTO-CALIBRATION USED AT THIS SITE? (Y/N) N
IF YES, LIST AND DEFINE AUTO-CALIBRATION VALUE: _____

CLASSIFIER TEST SPECIFICS***

- 12.*** METHOD FOR COLLECTING INDEPENDENT VOLUME MEASUREMENT BY VEHICLE CLASS:
_____ VIDEO ☒ MANUAL _____ PARALLEL CLASSIFIERS

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