

SHEET 16 LTPP MONITORED TRAFFIC DATA SITE CALIBRATION SUMMARY	*STATE ASSIGNED ID:	{ 128 }
	*STATE CODE:	{ 12 }
	*SHRP SECTION ID:	{ 4106 }

SITE CALIBRATION INFORMATION

1. *DATE OF CALIBRATION(MONTH/DAY/YEAR) { 12 / 03 / 2004 }
2. *TYPE OF EQUIPMENT CALIBRATED X WIM CLASSIFIER BOTH
3. *REASON FOR CALIBRATION
- REGULARLY SCHEDULED SITE VISIT RESEARCH
- EQUIPMENT REPLACEMENT TRAINING
- DATA TRIGGERED SYSTEM REVISION X 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 X QUARTZ PIEZO
- CHANNELIZED FLAT PIEZO X INDUCTANCE LOOPS CAPACITANCE PADS
- OTHER(SPECIFY) _____
5. EQUIPMENT MANUFACTURER: IRD / PAT

WIM SYSTEM CALIBRATION SPECIFICS**

6. **CALIBRATION TECHNIQUE USED:
- TRAFFIC STREAM N STATIC SCALE(Y/N) X TEST TRUCKS
- NUMBER OF TRUCKS COMPARED 1 NUMBER OF TEST TRUCKS USED
- 23 PASSES PER TRUCK
- TRUCK TYP SUSPENSION
- TYPE PER FHWA 13 BIN SYSTEM 1 CLASS 9 1-(AIR)
- 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: -0.1 % STANDARD DEVIATION: 2.2 %
- DYNAMIC AND STATIC SINGLE AXLES: -1.4 % STANDARD DEVIATION: 3.1 %
- DYNAMIC AND STATIC DOUBLE AXLES: 0.1 % STANDARD DEVIATION: 4.2 %
8. NUMBER OF SPEEDS AT WHICH CALIBRATION WAS PERFORMED: 5
9. DEFINE THE SPEED RANGES USED (MPH): 50 - 54 55 - 59 60 - 64 65 - 69 70 - 71
10. CALIBRATION FACTOR (AT EXPECTED FREE FLOW SPEED): 770
11. ** IS AUTO-CALIBRATION USED AT THIS SITE? (Y/ N): N

CLASSIFIER TEST SPECIFICS***

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

PERSON LEADING CALIBRATION EFFORT: <u> MICHAEL R. LEGGETT </u>
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ENTERED SEP 30 2008 C G G

SHEET 10 LTPP TRAFFIC DATA TRAFFIC VOLUME AND LOAD ESTIMATE UPDATE-NO SITE COUNT	*STATE ASSIGNED ID *STATE CODE [12] *SHRP SECTION ID [4106]
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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)
2004				1,859	630

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	

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