

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 1 7]

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	16446	10613	7401	4680	0 9 0 6

**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) 15
___ 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) No Weight Scale

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rev. March 12, 2001

ENTERED OCT 24 2007

SHEET 16
LTPP MONITORED TRAFFIC DATA
SITE CALIBRATION SUMMARY

*STATE ASSIGNED ID [0007]
*STATE CODE [04]
*SHRP SECTION ID [1017]

SITE CALIBRATION INFORMATION

file 800.12.2.8.12

1. * DATE OF CALIBRATION (MONTH/DAY/YEAR) [06/09/2003]
2. * TYPE OF EQUIPMENT CALIBRATED ___ WIM ☒ CLASSIFIER ___ BOTH
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 ___ NUMBER OF TEST TRUCKS USED
- | TYPE PER FHWA 13 BIN SYSTEM
SUSPENSION: 1 - AIR; 2 - LEAF SPRING
3 - OTHER (DESCRIBE) | PASSES PER TRUCK | | |
|---|------------------|------|------------|
| | TRUCK | TYPE | SUSPENSION |
| | 1 | ___ | ___ |
| | 2 | ___ | ___ |
| | 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 ☒ MANUAL ___ PARALLEL CLASSIFIERS

SEP 12 2003

[Signature]