

**SHEET 10
LTPP TRAFFIC DATA**

**TRAFFIC VOLUME AND LOAD
ESTIMATE UPDATE-NO SITE COUNT**

*STATE ASSIGNED ID [_ _ _]
*STATE CODE [0 4]
*SHRP SECTION ID [6 0 5 5]

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)
<u>2004</u>	<u>17459</u>	<u>4066</u>	<u>16614</u>	<u>3085</u>	<u>1 0 2 6</u>

**2. METHOD FOR ESTIMATING TOTAL VEHICLE AADT
(TWO-WAY)**

____ Growth factored last year's estimate. (6)
XX 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)
XX 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)
XX Based on actual lane count data. (1)
____ Other: (3) _____

***5. METHOD FOR ESTIMATING TOTAL TRUCKS, LTPP
LANE, AADT**

____ System distribution factors. (2)
XX Based on actual lane data count. (1)
____ Other: (3) _____

***6. METHOD FOR ESTIMATING ESAL/YEAR
IN LTPP LANE**

XX 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

XX 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

XX WIM scale. (1)
____ Static scale used for enforcement. (2)
____ Static scale not used for enforcement. (3)
____ Other: (4) _____

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SHEET 16
LTPP MONITORED TRAFFIC DATA
SITE CALIBRATION SUMMARY

*STATE ASSIGNED ID [510]
*STATE CODE [04]
*SHRP SECTION ID [6055]

SITE CALIBRATION INFORMATION

1. * DATE OF CALIBRATION (MONTH/DAY/YEAR) [May / 26 / 2004]
2. * TYPE OF EQUIPMENT CALIBRATED ☒ WIM ☐ CLASSIFIER ☒ BOTH *AP 3/30/16*
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

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
- | | <u>22</u> | PASSES PER TRUCK | |
|--------------------------------------|-----------|------------------|------------|
| | TRUCK | TYPE | SUSPENSION |
| TYPE PER FHWA 13 BIN SYSTEM | 1 | <u>9</u> | <u>AIR</u> |
| 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 0.54 STANDARD DEVIATION 2.26
DYNAMIC AND STATIC SINGLE AXLES 5.33 STANDARD DEVIATION 0.74
DYNAMIC AND STATIC DOUBLE AXLES 0.26 STANDARD DEVIATION 1.08
8. 3 NUMBER OF SPEEDS AT WHICH CALIBRATION WAS PERFORMED
9. DEFINE THE SPEED RANGES USED (MPH) 45 55 65
10. CALIBRATION FACTOR (AT EXPECTED FREE FLOW SPEED) _____
- 11.** IS AUTO-CALIBRATION USED AT THIS SITE? (Y/N) YES
IF YES, LIST AND DEFINE AUTO-CALIBRATION VALUE: _____