

**SHEET 10
LTPP TRAFFIC DATA**

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

*STATE ASSIGNED ID 10441 *sb*
 *STATE CODE 29
 *SHRP SECTION ID 10900

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>2008</u>	<u>8429</u>	<u>737</u>	<u>2384</u>	<u>281</u>	<u>109</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) _____

Other:
(9) _____

**4. METHOD FOR ESTIMATING TOTAL VEHICLES
LTPP LANE AADT**

- ☐ System distribution factors. (2)
☒ Based on actual lane count data. (1) *from previous yr.*
☐ Other: (3) _____

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

- ☐ System distribution factors. (2)
☒ Based on actual lane data count. (1) *from previous yr.*
☐ 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) _____

**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)

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 DATE PREPARED 2/23/09

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<p align="center">SHEET 16 LTPP MONITORED TRAFFIC DATA SITE CALIBRATION SUMMARY</p>	*STATE ASSIGNED ID	[0441] sb
	*STATE CODE	[29]
	*SHRP SECTION ID	[2900]

SITE CALIBRATION INFORMATION

1. * DATE OF CALIBRATION (MONTH/DAY/YEAR) [1 / 03 / 2008]
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)
☒ PAVEMENT PIZZO ☐ DRAIN ☐ BARE PLAT PIZZO ☐ BEARING PLATES
☐ CHANNELIZED ROUND PIZZO ☐ LOAD CELLS ☐ QUARTZ PIZZO
☐ CHANNELIZED PLAT PIZZO ☒ INDUCTION LOPS ☐ CAPACITANCE PIZZO
☐ OTHER (SPECIFY) _____
 EQUIPMENT MANUFACTURER: IRD 1067
5. ** CALIBRATION TECHNIQUE USED
☐ TRAFFIC STREAM ☐ STATIC SCALE ONLY ☒ TEST TRUCKS
 NUMBER OF TRUCKS COMPARED: _____ NUMBER OF TEST TRUCKS USED: 6
 PASSES PER TRUCK: 9 TRUCK TYPE: 8
 LTPP FHWL CLASS SYSTEM: _____
 ** SENSORS USED: _____
 ** OTHER COMMENTS: _____
6. SUMMARY CALIBRATION RESULTS (EXPRESSED AS A PERCENT)
 MEAN DIFFERENCE BETWEEN ---
 DYNAMIC AND STATIC GVW: _____ .98 STANDARD DEVIATION: _____
 DYNAMIC AND STATIC SINGLE AXLES: _____ STANDARD DEVIATION: _____
 DYNAMIC AND STATIC DOUBLE AXLES: _____ STANDARD DEVIATION: _____
7. _____ NUMBER OF SPEEDS AT WHICH CALIBRATION WAS PERFORMED
8. DEFINE THE SPEED RANGES USED (MPH) 60-65
9. CALIBRATION FACTOR (AT EXPECTED FREE FLOW SPEED) 65 lead
50 trail
10. ** IS AUTO-CALIBRATION USED AT THIS SITE? (Y/N) _____
 IF YES, LIST AND DEFINE AUTO-CALIBRATION VALUE: _____

CLASSIFIER TEST SPECIFICS**

11. *** METHOD TO DETERMINE LENGTH OF COUNT ☒ VIDEO ☒ MANUAL ☐ PARALLEL CLASSIFIERS
12. METHOD TO DETERMINE LENGTH OF COUNT ☐ TIME ☐ NUMBER OF TRUCKS
13. MEAN DIFFERENCE IN COLUMNS BY VEHICLE CLASSIFICATION
 *** FHWA CLASS 9 _____ FHWA CLASS _____
 *** FHWA CLASS 8 _____ FHWA CLASS _____
 _____ FHWA CLASS _____
 _____ FHWA CLASS _____
 *** PERCENT "UNCLASSIFIED" VEHICLES: _____

PERSON LEADING CALIBRATION EFFORT: Danla Fischer
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