

ENTERED APR 09 2009

SHEET 10 LTPP TRAFFIC DATA TRAFFIC VOLUME AND LOAD ESTIMATE UPDATE-NO SITE COUNT	*STATE ASSIGNED ID	<u>0760</u> <i>cb</i>
	*STATE CODE	<u>29</u>
	*SHRP SECTION ID	<u>054</u>

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>25431</u>	<u>7347</u>	<u>8480</u>	<u>3385</u>	<u>1729</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) *from previous yr.*
☒ 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) *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)

NAME OF PREPARER Danla Flocker
 DATE PREPARED 4/23/09

PHONE# 573 751 2842

rev. March 12, 2001

ENTERED MAY 26 2000

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SHEET 16 LTPP MONITORED TRAFFIC DATA SITE CALIBRATION SUMMARY	*STATE ASSIGNED ID	10760	Eb
	*STATE CODE	29	
	*SHRP SECTION ID	7054	

SITE CALIBRATION INFORMATION

- * DATE OF CALIBRATION (MONTH/DAY/YEAR) 12/01/2008
- * TYPE OF EQUIPMENT CALIBRATED WIM CLASSIFIER ☒ BOTH
- * REASON FOR CALIBRATION
☒ REGULARLY SCHEDULED SITE VISIT ☐ RESEARCH
☐ EQUIPMENT REPLACEMENT ☐ TRAINING
☐ DATA TRIGGERED SYSTEM REVISION ☐ NEW EQUIPMENT INSTALLATION
☐ OTHER (SPECIFY) _____
- * 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 ☒ ELECTRIC FLOOR ☐ CAPACITANCE FIBER OPTIC SENSING _____
- EQUIPMENT MANUFACTURER IRD 1067

WIM SYSTEM CALIBRATION SPECIFICATIONS

- CALIBRATION TECHNIQUE USED:
☐ TRAFFIC STREAM ☐ STATIC SCALE (Y/N) ☒ TEST TRUCKS
 NUMBER OF TRUCKS COMPALED _____ NUMBER OF TEST TRUCKS USED 1
 PASSES PER TRUCK 10
 TRUCK TYPE SUSPENSION
 TYPE PER FHWA 13 BIN SYSTEM
 SUSPENSION 1 - AIR 2 - LEAF SPRING
 1 - 1 2 - 2
 1 - 1 2 - 2
- SUMMARY CALIBRATION RESULTS (EXPRESSED AS A PERCENT)
 MEAN DIFFERENCE BETWEEN ---
 DYNAMIC AND STATIC GVW .99 STANDARD DEVIATION .99
 DYNAMIC AND STATIC SINGLE AXLES _____ STANDARD DEVIATION _____
 DYNAMIC AND STATIC DOUBLE AXLES _____ STANDARD DEVIATION 0.99
- NUMBER OF SPEEDS AT WHICH CALIBRATION WAS PERFORMED _____
- DEFINE THE SPEED RANGES USED (MPH) 50-65
- CALIBRATION FACTOR (AT EXPECTED FREE FLOW SPEED) .77 lead
- IS AUTO-CALIBRATION USED AT THIS SITE? (Y/N) .77
 IF YES, LIST AND DEFINE AUTO-CALIBRATION VALUE: _____

CLASSIFIER TEST SPECIFICS

- METHOD FOR COLLECTING INDEPENDENT VOLUME MEASUREMENT BY VEHICLE CLASS:
☐ VIDEO ☒ MANUAL ☐ PARALLEL CLASSIFIERS
- METHOD TO DETERMINE LENGTH OF COUNT ☐ TIME ☒ NUMBER OF TRUCKS 10
- MEAN DIFFERENCE IN VOLUMES BY VEHICLES CLASSIFICATION:
 *** FHWA CLASS 9 D FHWA CLASS _____
 *** FHWA CLASS 8 D FHWA CLASS _____
 FHWA CLASS _____
 FHWA CLASS _____
 *** PERCENT "UNCLASSIFIED" VEHICLES: .5

PERSON LEADING CALIBRATION EFFORT: <u>Donna Foxler</u>	rev. November 9, 1999
CONTACT INFORMATION: <u>573 751 2842</u>	