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|---|--------------------|----------|
| SHEET 10 LTPP TRAFFIC DATA TRAFFIC VOLUME AND LOAD ESTIMATE UPDATE-NO SITE COUNT | *STATE ASSIGNED ID | |
| | *STATE CODE | [48] |
| | *SHRP SECTION ID | [4152] |

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) |
|--------|--|---|--|--|---|
| 2000 | | | | 333 | 101 |

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: (4) 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 systemaverages 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)

NAME OF PREPARER E Joe Kim
DATE PREPARED 6/11/2009

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REV. February 21, 2000

ENTERED JUN 11 2009 K S

SHEET 16
LTPP MONITORED TRAFFIC DATA
SITE CALIBRATION SUMMARY

*STATE ASSIGNED ID []
*STATE CODE [48]
*SHRP SECTION ID [4132]

SITE CALIBRATION INFORMATION

1. * DATE OF CALIBRATION (MONTH/DAY/YEAR) [10/03/2000]
2. * TYPE OF EQUIPMENT CALIBRATED ___ WIM ___ CLASSIFIER ☒ BOTH
3. * REASON FOR CALIBRATION
☒ REGULARLY SCHEDULED SITE VISIT
___ EQUIPMENT REPLACEMENT
___ DATA TRIGGERED SYSTEM REVISION
___ OTHER (SPECIFY) _____
4. * SENSORS INSTALLED IN LTPP LANE AT THIS SITE (CHECK ALL THAT APPLY):
☒ BARE ROUND PIEZO CERAMIC
☒ CHANNELIZED ROUND PIEZO
___ CHANNELIZED FLAT PIEZO
☒ OTHER (SPECIFY) Piezoelectric
5. EQUIPMENT MANUFACTURER UNKNOWN

WIM SYSTEM CALIBRATION SPECIFICS**

- 6.** CALIBRATION TECHNIQUE USED:
___ TRAFFIC STREAM -- ___ STATIC SCALE (Y/N) ☒ TEST TRUCKS
___ NUMBER OF TRUCKS COMPARED 001 NUMBER OF TEST TRUCKS USED
- | | TRUCK | TYPE | PASSES PER TRUCK | SUSPENSION |
|--------------------------------------|-------|------|------------------|------------|
| TYPE PER FHWA 13 BIN SYSTEM | 1 | | | |
| 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 13.4 STANDARD DEVIATION 11.9
DYNAMIC AND STATIC SINGLE AXLES 3.7 STANDARD DEVIATION 4.8
DYNAMIC AND STATIC DOUBLE AXLES 21.2 STANDARD DEVIATION 17.6
8. 03 NUMBER OF SPEEDS AT WHICH CALIBRATION WAS PERFORMED
9. DEFINE THE SPEED RANGES USED (MPH) 50-52
10. CALIBRATION FACTOR (AT EXPECTED FREE FLOW SPEED) _____
- 11.** IS AUTO-CALIBRATION USED AT THIS SITE? (Y/N) 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
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 _____
FHWA CLASS _____
- *** PERCENT "UNCLASSIFIED" VEHICLES: _____

PERSON LEADING CALIBRATION EFFORT:
CONTACT INFORMATION:

rev. November 9, 1999

SK 6002 JUN 03 2002 ENTERED

ENTERED JAN 09 2004 M