

035  
✓

SHEET 10  
LTPP TRAFFIC DATA

TRAFFIC VOLUME AND LOAD  
ESTIMATE UPDATE-NO SITE COUNT

\*STATE ASSIGNED ID

1030

EB

\*STATE CODE

29

\*SHRP SECTION ID

5413

1. ANNUAL TRAFFIC ESTIMATES

| *YEAR | ESTIMATED<br>TOTAL VEHICLES<br>AADT<br>(TWO-WAY) | ESTIMATED<br>TOTAL TRUCK<br>AADT<br>(TWO-WAY) | ESTIMATED<br>TOTAL VEHICLES<br>AADT<br>LTPP LANE | *ESTIMATED<br>TOTAL TRUCKS<br>AADT<br>LTPP LANE | *ESTIMATED<br>ESAL=S/YR<br>LTPP LANE<br>(1000'S) |
|-------|--|---|--|---|--|
| 2010  | 5459   | 848   | 2770   | 449   | 174  |

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 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)  
☐ 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) Not a wim site

8. WEIGHT SCALE TYPE

- ☐ WIM scale. (1)  
☐ Static scale used for enforcement. (2)  
☐ Static scale not used for enforcement. (3)  
☒ Other: (4) Not a wim site

NAME OF PREPARER M L Kladiva  
DATE PREPARED 6/9/11

PHONE# 573-526-4907

rev. March 12, 2001

035  
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|   |   |
|---|---|
| <b>SHEET 10</b><br><b>LTPP TRAFFIC DATA</b><br><br><b>TRAFFIC VOLUME AND LOAD</b><br><b>ESTIMATE UPDATE-NO SITE COUNT</b> | *STATE ASSIGNED ID <u>1030</u><br>*STATE CODE <u>29</u><br>*SHRP SECTION ID <u>5413</u> |
|---|---|

EB

*Similar site 5413.*

**1. ANNUAL TRAFFIC ESTIMATES**

| *YEAR       | ESTIMATED<br>TOTAL VEHICLES<br>AADT<br>(TWO-WAY) | ESTIMATED<br>TOTAL TRUCK<br>AADT<br>(TWO-WAY) | ESTIMATED<br>TOTAL VEHICLES<br>AADT<br>LTPP LANE | *ESTIMATED<br>TOTAL TRUCKS<br>AADT<br>LTPP LANE | *ESTIMATED<br>ESAL=S/YR<br>LTPP LANE<br>(1000'S) |
|-------------|--|---|--|---|--|
| <u>2010</u> | <u>5459</u>                                      | <u>848</u>                                    | <u>2770</u>                                      | <u>449</u>                                      | <u>174</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)  
☐ 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)  
☐ 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) Not a wim site

**8. WEIGHT SCALE TYPE**

- ☐ WIM scale. (1)  
☐ Static scale used for enforcement. (2)  
☐ Static scale not used for enforcement. (3)  
☒ Other: (4) Not a wim site

**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 ML Kladiwa  
 DATE PREPARED 6/9/11

PHONE# 573-526-4907

rev. March 12, 2001

|  |                    |        |
|--|--------------------|--------|
| <b>SHEET 12</b><br><b>LTPP TRAFFIC DATA</b><br><br><b>CLASSIFICATION DATA</b><br><b>TRANSMITTAL FORM</b> | *STATE ASSIGNED ID | [1030] |
|  | *STATE CODE        | [29]   |
|  | *SHRP SECTION ID   | [5413] |

HIGHWAY RT. NO. (THIS COUNT) US 412

MILEPOST NO. OR LOCATION (THIS COUNT) 0.1 miles E/o RTC

FILENAME \_\_\_\_\_ DISK ID \_\_\_\_\_

BEGINNING DATE 1/1/2010 BEGINNING TIME \_\_\_\_\_

ENDING DATE 12/31/2010 ENDING TIME \_\_\_\_\_

COUNT DURATION 12 [ ] HOURS [ ] DAYS [☒] MONTHS

VEHICLE CLASSIFICATION METHOD: FHWA \_\_\_\_\_ OTHER MODOT

NAME OF AGENCY CLASSIFICATION SCHEME: F-13 Class NO. OF BINS 15

NOTE: IF NOT PREVIOUSLY PROVIDED TO SHRP/LTPP, PLEASE ATTACH SHEET 6 DESCRIBING THE VEHICLE CLASSIFICATION CATEGORIES AND ALSO ATTACH SHEET 7 DESCRIBING HOW THE AGENCY WOULD CONVERT ITS CLASSIFICATION SCHEME TO THE FHWA 13 BIN SYSTEM.

TYPE OF AVC EQUIPMENT: PORTABLE \_\_\_\_\_ PERMANENT ☒

EQUIPMENT MAKE/MODEL# Peek ADR 3000

SENSOR TYPE Piezo Cable, Loop

ADJUSTMENT FACTORS FOR ESTIMATING AVERAGE ANNUAL VOLUMES BY CLASSIFICATION:

GENERAL FACTORS: \_\_\_\_\_

CLASS SPECIFIC FACTORS (PROVIDE BY CLASS OF CLASS GROUPS) \_\_\_\_\_

COMMENTS \_\_\_\_\_

FILL OUT ONE TRANSMITTAL SHEET FOR EACH DATA FILE SUBMITTED.

|                                     |                           |
|-------------------------------------|---------------------------|
| NAME OF PREPARER <u>M L Kladiya</u> | PHONE <u>573-526-4907</u> |
| DATE PREPARED <u>6/9/11</u>         | revised November 11, 1999 |

|  |                    |        |
|--|--------------------|--------|
| <b>SHEET 13</b><br><b>LTPP TRAFFIC DATA</b><br><b>VEHICLE WEIGHT DATA</b><br><b>TRANSMITTAL FORM</b> | *STATE ASSIGNED ID | [1030] |
|  | *STATE CODE        | [29]   |
|  | *SHRP SECTION ID   | [5413] |

HIGHWAY RT. NO. (THIS SESSION) Not A WIM site

MILEPOST NO. OR LOCATION (THIS SESSION)

FILENAME \_\_\_\_\_ DISK ID \_\_\_\_\_

BEGINNING DATE \_\_\_\_\_ BEGINNING TIME \_\_\_\_\_

ENDING DATE \_\_\_\_\_ ENDING TIME \_\_\_\_\_

COUNT DURATION \_\_\_\_\_ [ ] HOURS [ ] DAYS [ ] MONTHS

WEIGHT SCALE TYPE: PORT. WIM \_\_\_\_\_ PERM. WIM \_\_\_\_\_ OTHER \_\_\_\_\_

EQUIPMENT MAKE/MODEL# \_\_\_\_\_

SENSOR TYPE \_\_\_\_\_

VEHICLE CLASSIFICATION METHOD:

7-card FHWA 13 bin in cols. 18-19 \_\_\_\_\_ 7-card FHWA 13 bin in cols. 22-23 \_\_\_\_\_

7-card 6 digit Truck Weight study \_\_\_\_\_ W-card \_\_\_\_\_ OTHER \_\_\_\_\_

NAME OF AGENCY CLASSIFICATION SCHEME: \_\_\_\_\_ NO. OF BINS \_\_\_\_\_

NOTE: IF NOT PREVIOUSLY PROVIDED TO SHRP/LTPP, PLEASE ATTACH SHEET 6 DESCRIBING THE VEHICLE CLASSIFICATION CATEGORIES AND ALSO ATTACH SHEET 7 DESCRIBING HOW THE AGENCY WOULD CONVERT ITS CLASSIFICATION SCHEME TO THE FHWA 13 CLASS SYSTEM.

METHOD OF CALIBRATION AND FREQUENCY:

COMMENTS

FILL OUT ONE TRANSMITTAL SHEET FOR EACH DATA SUBMITTAL.

|                        |                          |
|------------------------|--------------------------|
| NAME OF PREPARER _____ | PHONE _____              |
| DATE PREPARED _____    | revised February 21,2000 |