

ENTERED JAN 22 2007

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| <p align="center"><b>SHEET 10</b><br/><b>LTPP TRAFFIC DATA</b></p> <p align="center"><b>TRAFFIC VOLUME AND LOAD</b><br/><b>ESTIMATE UPDATE-NO SITE COUNT</b></p> | *STATE ASSIGNED ID | [ _ _ _ ]       |
|  | *STATE CODE        | [ <u>37</u> ]   |
|  | *SHRP SECTION ID   | [ <u>1803</u> ] |

**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 LTPP<br>LANE (1000'S) |
|-------------|--|---|--|---|---|
| <u>2004</u> | <u>20062</u>                                     | <u>976</u>                                    | <u>7134</u>                                      | <u>384</u>                                      | <u>93</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)  
☒ 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)  
☐ 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) GROWTH FACTORED DATA FROM ITEM 2

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

- ☐ System distribution factors. (2)  
☐ Based on actual lane count data. (1)  
☒ Other: (3) GROWTH FACTORED

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

- ☐ System distribution factors. (2)  
☐ Based on actual lane data count. (1)  
☒ Other: (3) GROWTH FACTORED

**\*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) GROWTH FACTORED

**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) NONE

|                                      |                             |
|--------------------------------------|-----------------------------|
| NAME OF PREPARER <u>STAN HARWARD</u> | PHONE # <u>919-212-4561</u> |
| DATE PREPARED <u>12-7-2006</u>       | rev. March 12, 2001         |

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| <b>SHEET 12</b><br><b>LTPP TRAFFIC DATA</b><br><br><b>CLASSIFICATION DATA</b><br><b>TRANSMITTAL FORM</b> | *STATE ASSIGNED ID | [       ]       |
|  | *STATE CODE        | [ <u>37</u> ]   |
|  | *SHRP SECTION ID   | [ <u>1803</u> ] |

HIGHWAY RT. NO. (THIS COUNT) US 74-441

MILEPOST NO. OR LOCATION (THIS COUNT) 0.2 MI. EAST OF SR 1391

FILE NAME C371803.cle DISK ID \_\_\_\_\_

BEGINNING DATE 1/1/04 BEGINNING TIME 0000

ENDING DATE 3/31/04 ENDING TIME 2400

COUNT DURATION 91 [   ] HOURS [ ☒ ] DAYS [   ] MONTHS

VEHICLE CLASSIFICATION METHOD: FHWA X 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 BIN SYSTEM.

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

EQUIPMENT MAKE/MODEL# Peek ADR-3000

SENSOR TYPE Bare flat piezo.

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>Michael H. Ashbrook</u> | PHONE: <u>919-733-4796</u> |
| DATE PREPARED    | <u>6/18/04</u>             | Revised November 11, 1999  |

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| <b>SHEET 13</b><br><b>LTPP TRAFFIC DATA</b><br><br><b>VEHICLE WEIGHT DATA</b><br><b>TRANSMITTAL FORM</b> | *STATE ASSIGNED ID | [ _____ ]       |
|  | *STATE CODE        | [ <u>37</u> ]   |
|  | *SHRP SECTION ID   | [ <u>1803</u> ] |

HIGHWAY RT. NO. (THIS SESSION) US 74-441

MILEPOST NO. OR LOCATION (THIS SESSION) 0.2 MI. EAST OF SR 1391

FILE NAME W371803.cle DISK ID \_\_\_\_\_

BEGINNING DATE 1/1/04 BEGINNING TIME 0000

ENDING DATE 1/7/04 ENDING TIME 2400

COUNT DURATION 7 [ ] HOURS [ X ] DAYS [ ] MONTHS

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

EQUIPMENT MAKE/MODEL# Peek ADR-3000

SENSOR TYPE Bare flat piezo

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 X OTHER 7-card FHWA 13 bin cols. 20-21

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: Self calibration factor adjusted hourly on predominate vehicle class at the site.

COMMENTS Automatic calibration capabilities

FILL OUT ONE TRANSMITTAL SHEET FOR EACH DATA FILE SUBMITTED.

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|------------------|----------------------------|----------------------------|
| NAME OF PREPARER | <u>Michael H. Ashbrook</u> | PHONE: <u>919-733-4796</u> |
| DATE PREPARED    | <u>6/18/04</u>             | Revised February 21, 2000  |