

ENTERED JUL 07 2010

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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 | [010157] |
|   | *STATE CODE        | [51]     |
|   | *SHRP SECTION ID   | [1419]   |

**1. ANNUAL TRAFFIC ESTIMATES**

| *YEAR       | ESTIMATED<br>TOTAL<br>VEHICLES<br>AADT<br>(TWO-WAY) | ESTIMATED<br>TOTAL TRUCK<br>AADT<br>(TWO-WAY) | ESTIMATED<br>TOTAL<br>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>2009</u> | <u>10000</u>  | <u>477</u>                                    | <u>4123</u>   | <u>224</u>                                      | <u>78</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) \_\_\_\_\_

**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) \_\_\_\_\_

**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 Hamlin Williams PHONE# (804) 786-0134

DATE PREPARED June 18, 2010

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 | [ 010157 ] |
|  | *STATE CODE        | [ 51 ]     |
|  | *SHRP SECTION ID   | [ 1419 ]   |

HIGHWAY RT. NO. (THIS COUNT) US 19

MILEPOST NO. OR LOCATION (THIS COUNT) Between SR 80 and Tazewell Co. Line

FILENAME C511419.C1J ☒ DISK ID Submitted via FTP

BEGINNING DATE 1-1-2009 BEGINNING TIME 00:00

ENDING DATE 12-31-2009 ENDING TIME 24:00

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

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

NAME OF AGENCY CLASSIFICATION SCHEME: FHWA Scheme F 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 X

EQUIPMENT MAKE/MODEL# Peek ADR 3000 Plus

SENSOR TYPE Loop – Piezo – Loop

ADJUSTMENT FACTORS FOR ESTIMATING AVERAGE ANNUAL VOLUMES BY CLASSIFICATION:

GENERAL FACTORS:

None at this location.

CLASS SPECIFIC FACTORS (PROVIDE BY CLASS OF CLASS GROUPS)

None at this location.

COMMENTS VDOT data is reviewed daily and a validity determination made at that time. Any data determined to be not useable for factor creation is coded accordingly and will not be submitted to LTPP. Since this is a continuous count station, abnormal traffic such as holiday traffic, special event traffic or weather affected traffic are used in factor creation. All such files will be provided unless we are requested to do otherwise. We anticipate providing sufficient quantities of data that researchers will be able to make their own determination as to what is normal and/or not normal for the station.

FILL OUT ONE TRANSMITTAL SHEET FOR EACH DATA FILE SUBMITTED.

|   |                            |
|---|----------------------------|
| NAME OF PREPARER <u>Hamlin Williams</u> | PHONE# <u>804-786-0134</u> |
| DATE PREPARED <u>6-9-2010</u>           | revised November 11, 1999  |