

SHEET 10  
LTPP TRAFFIC DATA

TRAFFIC VOLUME AND LOAD  
ESTIMATE UPDATE-NO SITE COUNT

\*STATE ASSIGNED ID [ 070144 ]

\*STATE CODE [ 51 ]

\*SHRP SECTION ID [ 1417 ]

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)
2013	19000	2268	6855	940	396

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) \_\_\_\_\_

ENTERED

26/NOV/2014

C.O.

NAME OF PREPARER Hamlin Williams PHONE# (804) 786-7763

DATE PREPARED September 19, 2014

rev. March 12, 2001

<b>SHEET 12</b> <b>LTPP TRAFFIC DATA</b>  <b>CLASSIFICATION DATA</b> <b>TRANSMITTAL FORM</b>	*STATE ASSIGNED ID	[ 070144 ]
	*STATE CODE	[ 51 ]
	*SHRP SECTION ID	[ 1417 ]

HIGHWAY RT. NO. (THIS COUNT) US 17

MILEPOST NO. OR LOCATION (THIS COUNT) MP 206.84, Between SR 28 and US 15

FILENAME C511417.C2N ✓ DISK ID Submitted via FTP

BEGINNING DATE 1-2-2013 BEGINNING TIME 00:00

ENDING DATE 11-10-2013 ENDING TIME 24:00

COUNT DURATION 11 [ ] 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>804-786-7763</u>
DATE PREPARED <u>9-19-2014</u>	revised November 11, 1999