

**SHEET 10**  
**LTPP TRAFFIC DATA**

**TRAFFIC VOLUME AND LOAD**  
**ESTIMATE UPDATE - NO SITE COUNT**

\*STATE ASSIGNED ID |          |  
\*STATE CODE | 37 |  
\*SHRP SECTION ID | 1814 |

ENTERED JAN 20 2000

**1. ANNUAL TRAFFIC ESTIMATES**

YEAR	ESTIMATED TOTAL VEHICLES AADT (TWO-WAY)	ESTIMATED TOTAL TRUCK AADT (TWO-WAY)	ESTIMATED TOTAL VEHICLES AADT GPS LANE	ESTIMATED TOTAL TRUCKS AADT GPS LANE	ESTIMATED ESAL'S / YR GPS LANE (1000's)
1999	18,350	892	6,671	346	81.395

**2. METHOD FOR ESTIMATING TOTAL  
VEHICLE AADT (TWO-WAY)**

- ☐ Growth factored last year's estimate.  
☐ Estimated based on volume counts at nearby locations.  
☐ Used computerized network analysis.  
☒ Other. Used counts from site.

**3. METHOD FOR ESTIMATING TOTAL  
TRUCK AADT (TWO-WAY)**

- ☒ Used system average from counts taken this year.  
☐ Used count data from nearby sites.  
☐ Used count data from previous years at GPS site.  
☐ Used system averages from previous year counts.  
☐ Used computerized network analysis.  
☐ Other.

**4. METHOD FOR ESTIMATIONG TOTAL  
VEHICLES GPS LANE AADT**

- ☒ System distribution factors.  
☐ Other

**5. METHOD FOR ESTIMATING TOTAL  
TRUCKS, GPS LANE, AADT**

- ☒ System distribution factors.  
☐ Other

**6. METHOD FOR ESTIMATING ESAL/  
YEAR IN GPS LANE.**

- ☒ ESAL/truck factor.  
☐ ESAL/vehicle class factors-Number of classes.  
☐ Other

**7. ESAL ESTIMATES - SOURCE OF DATA**

- ☐ Prior years data collected at GPS site.  
☐ Current year, system average.  
☐ Prior year system average.  
☐ Historical W-4 tables.  
☒ Other Used counts from site.

**8. WEIGHT SCALE TYPE**

- ☒ WIM Scale.  
☐ Static scales used for enforcement.  
☐ Static scale not used for enforcement.  
☐ Other

NAME OF PREPARER Michael H. Ashbrook

PHONE # 919-733-4796

DATE PREPARED 1/11/00

**SHEET 12**  
**TRAFFIC DATA**  
**COLLECTION SITE**

STATE ASSIGNED ID [      ]  
STATE CODE [ 37 ]  
SHRP SECTION ID [ 1814 ]  
EFFECTIVE DATE 3 / 18 / 99

HIGHWAY RT. NO. US 23-441 MILEPOST NO. 13.67

LOCATION 0.2 miles South of NC 28

VEHICLE CLASSIFICATION METHOD: FHWA X OTHER #BINS

TYPE OF CLASSIFICATION EQUIPMENT: PORTABLE PERMANENT X

AVC EQUIPMENT MAKE / MODEL NO. PAT Equipment Corp. Inc. / C100S

SENSOR TYPE Piezo electric and inductive loops.

WEIGHT SCALE TYPE: PORT. WIM PERM. WIM OTHER

EQUIPMENT MAKE / MODEL NO.

SENSOR TYPE

METHOD OF CALIBRATION:

FREQUENCY OF CALIBRATION: Yearly.

COMMENTS: Classification site only - no WIM data.

NAME OF PREPARER Michael H. Ashbrook PHONE NO. 919-733-4796  
DATE PREPARED 3/18/99





SHEET 13

STATE

North CarolinaTRAFFIC DATA FILES  
TRANSMITTAL FORM

STATE CODE

37

FILENAME	START DATE mm / dd / yy	START TIME hh:mm	END DATE mm / dd / yy	END TIME hh:mm	CLASS. SCHEME
<u>S375826.C19</u>	<u>1/1/99</u>	<u>0000</u>	<u>2/28/99</u>	<u>2400</u>	<u>FHWA</u>
<u>C375826.C19</u>	<u>1/1/99</u>	<u>0000</u>	<u>2/28/99</u>	<u>2400</u>	<u>FHWA</u>
<u>S375037.C19</u>	<u>1/1/99</u>	<u>0000</u>	<u>2/10/99</u>	<u>2400</u>	<u>FHWA</u>
<u>C375037.C19</u>	<u>1/1/99</u>	<u>0000</u>	<u>1/10/99</u>	<u>2400</u>	<u>FHWA</u>
<u>C375037.CB9</u>	<u>1/12/99</u>	<u>0000</u>	<u>1/19/99</u>	<u>2400</u>	<u>FHWA</u>
<u>C375037.D09</u>	<u>2/10/99</u>	<u>0000</u>	<u>2/28/99</u>	<u>2400</u>	<u>FHWA</u>
<u>S371801.C19</u>	<u>1/1/99</u>	<u>0000</u>	<u>2/28/99</u>	<u>2400</u>	<u>FHWA</u>
<u>C371801.C19</u>	<u>1/1/99</u>	<u>0000</u>	<u>2/28/99</u>	<u>2400</u>	<u>FHWA</u>
<u>S371024.C19</u>	<u>1/1/99</u>	<u>0000</u>	<u>2/28/99</u>	<u>2400</u>	<u>FHWA</u>
<u>C371024.C19</u>	<u>1/1/99</u>	<u>0000</u>	<u>2/28/99</u>	<u>2400</u>	<u>FHWA</u>
<u>S371803.C19</u>	<u>1/1/99</u>	<u>0000</u>	<u>2/22/99</u>	<u>2400</u>	<u>FHWA</u>
<u>C371803.C19</u>	<u>1/1/99</u>	<u>0000</u>	<u>2/22/99</u>	<u>2400</u>	<u>FHWA</u>
<u>S371814.C19</u>	<u>1/1/99</u>	<u>0000</u>	<u>2/28/99</u>	<u>2400</u>	<u>FHWA</u>
<u>C371814.C19</u>	<u>1/1/99</u>	<u>0000</u>	<u>2/28/99</u>	<u>2400</u>	<u>FHWA</u>
<u>S371992.C19</u>	<u>1/1/99</u>	<u>0000</u>	<u>2/28/99</u>	<u>2400</u>	<u>FHWA</u>
<u>C371992.C19</u>	<u>1/1/99</u>	<u>0000</u>	<u>2/28/99</u>	<u>2400</u>	<u>FHWA</u>
		<u>0000</u>		<u>2400</u>	<u>FHWA</u>

NAME OF PREPARER Michael H. AshbrookPHONE NO. 919-733-4796

DATE PREPARED

3/18/99

SHEET 13

STATE

North Carolina

TRAFFIC DATA FILES  
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37

FILENAME	START DATE mm / dd / yy	START TIME hh:mm	END DATE mm / dd / yy	END TIME hh:mm	CLASS. SCHEME
C375037.f59	4/5/99	0000	5/13/99	2400	FHWA
C375037.gj9	5/20/99	0000	5/31/99	2400	FHWA
W375037.g39	5/3/99	0000	5/9/99	2400	FHWA
S371801.e19	3/1/99	0000	5/31/99	2400	FHWA
C371801.e19	3/1/99	0000	4/3/99	2400	FHWA
C371801.f59	4/5/99	0000	5/31/99	2400	FHWA
W371801.g39	5/3/99	0000	5/9/99	2400	FHWA
S371024.e19	3/1/99	0000	5/31/99	2400	FHWA
C371024.e19	3/1/99	0000	5/31/99	2400	FHWA
W371024.g39	5/3/99	0000	5/9/99	2400	FHWA
S371814.e19	3/1/99	0000	5/31/99	2400	FHWA
C371814.e19	3/1/99	0000	4/13/99	2400	FHWA
C371814.f19	4/22/99	0000	5/31/99	2400	FHWA
S371992.e19	3/1/99	0000	5/31/99	2400	FHWA
C371992.e19	3/1/99	0000	4/3/99	2400	FHWA
C371992.f59	4/5/99	0000	5/15/99	2400	FHWA
C371992.gj9	5/20/99	0000	5/31/99	2400	FHWA

NAME OF PREPARER Michael H. Ashbrook

PHONE NO. 919-733-4796

DATE PREPARED 6/24/99

SHEET 13

STATE

North Carolina

TRAFFIC DATA FILES  
TRANSMITTAL FORM

STATE CODE

37

FILENAME	START DATE mm / dd / yy	START TIME hh:mm	END DATE mm / dd / yy	END TIME hh:mm	CLASS. SCHEME
\$ 371028.H19	6/1/99	0000	8/31/99	2400	FHWA
C 371028.H19	6/1/99	0000	8/31/99	2400	FHWA
\$ 371814.H19	6/1/99	0000	8/31/99	2400	FHWA
C 371814.H19	6/1/99	0000	8/31/99	2400	FHWA
\$ 373011.H19	6/1/99	0000	8/21/99	2400	FHWA
C 373011.H19	6/1/99	0000	6/16/99	2400	FHWA
C 373011.IB9	7/12/99	0000	7/27/99	2400	FHWA
C 373011.IS9	7/29/99	0000	8/21/99	2400	FHWA
W 373011.J19	8/1/99	0000	8/7/99	2400	FHWA
\$ 371645.H19	6/1/99	0000	8/31/99	2400	FHWA
C 371645.H19	6/1/99	0000	8/31/99	2400	FHWA
W 371645.J19	8/1/99	0000	8/7/99	2400	FHWA
\$ 372824.H19	6/1/99	0000	7/5/99	2400	FHWA
C 372824.H19	6/1/99	0000	7/5/99	2400	FHWA
W 372824.H19	6/1/99	0000	6/7/99	2400	FHWA
\$ 373807.H19	6/1/99	0000	8/31/99	2400	FHWA
C 373807.H19	6/1/99	0000	8/31/99	2400	FHWA

NAME OF PREPARER Michael H. Ashbrook

PHONE NO. 919-733-4796

DATE PREPARED

9/8/99

SHEET 13

STATE

North Carolina

TRAFFIC DATA FILES  
TRANSMITTAL FORM

STATE CODE

37

FILENAME	START DATE mm / dd / yy	START TIME hh:mm	END DATE mm / dd / yy	END TIME hh:mm	CLASS. SCHEME
W371801.md9	11/14/99	0000	11/20/99	2400	FHWA
\$371814.m89	11/8/99	0000	12/31/99	2400	FHWA
C371814.m99	11/9/99	0000	11/25/99	2400	FHWA
C371814.m09	11/27/99	0000	12/31/99	2400	FHWA
W371814.m19	11/18/99	0000	11/24/99	2400	FHWA
\$371992.K19	9/1/99	0000	12/31/99	2400	FHWA
C371992.K19	9/1/99	0000	11/1/99	2400	FHWA
C371992.m49	11/4/99	0000	12/31/99	2400	FHWA
W371992.md9	11/14/99	0000	11/20/99	2400	FHWA
\$370900.J19	8/1/99	0000	12/31/99	2400	FHWA
C370900.J59	8/20/99	0000	11/1/99	2400	FHWA
C370900.m49	11/4/99	0000	12/31/99	2400	FHWA
\$370200.K19	9/1/99	0000	12/31/99	2400	FHWA
C370200.K19	9/1/99	0000	12/31/99	2400	FHWA
W370200.K19	9/1/99	0000	10/29/99	2400	FHWA
W370200.M19	11/1/99	0000	12/31/99	2400	FHWA
\$372819.K19	9/1/99	0000	12/31/99	2400	FHWA

NAME OF PREPARER Michael H. Ashbrook

PHONE NO. 919-733-4796

DATE PREPARED

11/11/99



## SHEET 14

## LTPP TRAFFIC DATA

## EQUIPMENT INSTALLATION LOG

\*STATE ASSIGNED ID [       ]

\*STATE CODE [ 37 ]

\*SHRP SECTION ID [ 1814 ]

LOCATION .2 Miles South of NC 28

DATE OF INSTALLATION 11/8/99

	TYPE	BRAND NAME	SERIAL NUMBER
Control Unit(s) and Peripheral Equipment			
Control Unit	ADR-3000	PEEK TRAFFIC, INC.	10790 0003
Interface			
Modem	DC POWERED 14.4 BPS	MICRO-AIDE	10702 0041
Loop Amplifiers	SL58P	PEEK TRAFFIC, INC.	10790 0003
Other WIM	SW58P	PEEK TRAFFIC, INC.	10790 0003
Sensor(s) / Platform(s)			
GPS Lane Sensor	PIEZO CABLE	AMP	
Sensor Next Adjacent Lane (1)	PIEZO CABLE	AMP	
Sensor Next Adjacent Lane (2)			
Sensor Next Adjacent Lane (3)			
Diagonal Sensor			
Offscale Sensor			
Right Platform			
Left Platform			
Other:			
Software			
Complete Package	TDP VER. 3.32, VISA WIM VER. 1.49, TMG VER.4.0C		
Axle Spacing Algorithm Only			
Other			
Loops			
Upstream - Lane 1	6' X 6' 4 TURN INDUCTIVE LOOP		
Downstream - Lane 1			
Upstream - Other Lanes	6' X 6' 4 TURN INDUCTIVE LOOP		
Downstream - Other Lanes			