

SHEET 10
LTPP TRAFFIC DATA

TRAFFIC VOLUME AND LOAD
ESTIMATE UPDATE - NO SITE COUNT

*STATE ASSIGNED ID []
*STATE CODE [37]
*SHRP SECTION ID [1040]

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	4,755 9962	332 488	2754 2,828	253 164	48 101.835

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 ESTIMATING 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
DATE PREPARED 1/11/00

PHONE # 919-733-4796

ENTERED JUN 05 2003

SHEET 13

TRAFFIC DATA FILES
TRANSMITTAL FORM

STATE

North Carolina

STATE CODE

37

FILENAME

START DATE
mm / dd / yySTART TIME
hh:mmEND DATE
mm / dd / yyEND TIME
hh:mmCLASS.
SCHEME

C 373807.m59	11/5/99	0000	12/31/99	2400	FHWA
W 373807.md9	11/14/99	0000	11/20/99	2400	FHWA
\$ 375826.K39	11/3/99	0000	12/31/99	2400	FHWA
C 375826.K59	11/5/99	0000	12/31/99	2400	FHWA
W 375826.md9	11/14/99	0000	12/31/99	2400	FHWA
\$ 371040.L19	10/1/99	0000	11/20/99	2400	FHWA
C 371040.L19	10/1/99	0000	10/10/99	2400	FHWA
C 371040.LC9	10/13/99	0000	10/10/99	2400	FHWA
C 371040.m49	11/4/99	0000	11/1/99	2400	FHWA
W 371040.md9	11/14/99	0000	12/31/99	2400	FHWA
\$ 375037.j19	8/1/99	0000	11/20/99	2400	FHWA
C 375037.j69	8/17/99	0000	12/31/99	2400	FHWA
C 375037.m39	11/3/99	0000	11/1/99	2400	FHWA
W 375037.md9	11/14/99	0000	12/31/99	2400	FHWA
\$ 371801.K39	9/3/99	0000	11/20/99	2400	FHWA
C 371801.K49	9/4/99	0000	12/31/99	2400	FHWA
C 371801.m39	11/3/99	0000	11/1/99	2400	FHWA
		0000	12/31/99	2400	FHWA

NAME OF PREPARER

Michael H. Ashbrook

DATE PREPARED

1/11/00

PHONE NO. 919-733-4796

LTPP TRAFFIC DATA
EQUIPMENT INSTALLATION LOG

*STATE ASSIGNED ID []

*STATE CODE [37]

*SHRP SECTION ID [1040]

LOCATION US 19E .1mi. EAST of SR 1121 DATE OF INSTALLATION 9/29/99

	TYPE	BRAND NAME	SERIAL NUMBER
Control Unit(s) and Peripheral Equipment			
Control Unit	ADR-3000	PEEK TRAFFIC, INC.	10790 - 0007
Interface			
Modem	DC POWERED 14.4 BPS	MICRO-AIDE	10702 - 0038
Loop Amplifiers	SL58P	PEEK TRAFFIC, INC.	10790 - 0007
Other WIM	SW58P	PEEK TRAFFIC, INC.	10790 - 0007
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			

LTPP TRAFFIC DATA

EQUIPMENT INSTALLATION LOG

*STATE ASSIGNED ID []

*STATE CODE [37]

*SHRP SECTION ID [1814]

LOCATION US 23-441 .2 mi. S. 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			10702-0041
Modem	DC POWERED 14.4 BPS	MICRO-AIDE	
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			