

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

\*STATE ASSIGNED ID | \_\_\_\_\_ |  
 \*STATE CODE | 37 |  
 \*SHRP SECTION ID | 0200 |

## 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)
<u>1999</u>	<u>15,684</u>	<u>2,692</u>	<u>6,363</u>	<u>1,208</u>	1578

<input type="checkbox"/>	<input type="checkbox"/>	Growth factored last year's estimate.
<input type="checkbox"/>	<input type="checkbox"/>	Estimated based on volume counts at nearby locations.
<input type="checkbox"/>	<input type="checkbox"/>	Used computerized network analysis.
<input checked="" type="checkbox"/>	<input type="checkbox"/>	Other. Used counts from site.

- ☒ [ X ] 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.

[X]	System distribution factors.
[ ]	Other

☒ **X** System distribution factors.  
☐ Other

[ X ]	ESAL/truck factor.
[   ]	ESAL/vehicle class factors-Number of classes.
[   ]	Other

		Prior years data collected at GPS site.
		Current year, system average.
		Prior year system average.
		Historical <b>W-4</b> tables.
	<b>X</b>	Other Used counts from site.

[X]	WIM Scale.
[ ]	Static scales used for enforcement.
[ ]	Static scale not used for enforcement.
[ ]	Other

DATE PREPARED 11/12/00

PHONE # 919-733-4796

SHEET 10  
LTPP TRAFFIC DATA

TRAFFIC VOLUME AND LOAD  
ESTIMATE UPDATE - NO SITE COUNT

\*STATE ASSIGNED ID [ ]  
\*STATE CODE [ 37 ]  
\*SHRP SECTION ID [ 0200 ]

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	15,684	2,692	6,363	1,208	1578

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

PHONE # 919-733-4796

DATE PREPARED 11/12/00



<b>SHEET 12</b> <b>TRAFFIC DATA</b> <b>COLLECTION SITE</b>	STATE ASSIGNED ID [      ]
	STATE CODE [ 37 ]
	SHRP SECTION ID [ 0200 ]
	EFFECTIVE DATE 9 / 8 / 99

HIGHWAY RT. NO. US 52 MILEPOST NO. 89.5

LOCATION MM 89.5 South bound.

VEHICLE CLASSIFICATION METHOD: FHWA X OTHER          #BINS         

TYPE OF CLASSIFICATION EQUIPMENT: PORTABLE          PERMANENT X

AVC EQUIPMENT MAKE / MODEL NO. PEEK Traffic, Sarasota / ADR-3000

SENSOR TYPE Piezo electric and inductive loops.

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

EQUIPMENT MAKE / MODEL NO. PEEK Traffic, Sarasota / ADR-3000

SENSOR TYPE Piezo electric and inductive loops.

METHOD OF CALIBRATION: Self calibration factor adjusted on class 9's.

FREQUENCY OF CALIBRATION: Hourly.

COMMENTS: Automatic calibration capabilities.

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NAME OF PREPARER <u>Michael H. Ashbrook</u>	PHONE NO. <u>919-733-4796</u>
DATE PREPARED <u>9/8/99</u>	

<b>SHEET 13</b>	STATE	<u>North Carolina</u>
<b>TRAFFIC DATA FILES TRANSMITTAL FORM</b>	STATE CODE	<u>37</u>

[illegible]

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
W371803.I19	7/1/99	0000	7/7/99	2400	FHWA
S371992.H19	6/1/99	0000	8/31/99	2400	FHWA
C371992.H19	6/1/99	0000	8/31/99	2400	FHWA
W371992.J19	8/1/99	0000	8/7/99	2400	FHWA
S370900.HA9	6/11/99	0000	8/15/99	2400	FHWA
C370900.HA9	6/11/99	0000	8/15/99	2400	FHWA
W370900.J59	8/20/99	0000	8/26/99	2400	FHWA
S370200.H09	6/10/99	0000	8/31/99	2400	FHWA
C370200.H09	6/10/99	0000	8/31/99	2400	FHWA
W370200.H09	6/10/99	0000	8/31/99	2400	FHWA
S372819.H19	6/1/99	0000	8/21/99	2400	FHWA
C372819.H19	6/1/99	0000	7/10/99	2400	FHWA
C372819.I59	7/20/99	0000	8/21/99	2400	FHWA
W372819.J19	8/1/99	0000	8/7/99	2400	FHWA
S371817.H19	6/1/99	0000	8/31/99	2400	FHWA
C371817.H19	6/1/99	0000	8/31/99	2400	FHWA
W371817.J19	8/1/99	0000	8/7/99	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 [ 0200 ]

LOCATION US 52 MM 89.5 SOUTH BOUND

DATE OF INSTALLATION 5/18/99

	TYPE	BRAND NAME	SERIAL NUMBER
Control Unit(s) and Peripheral Equipment			
Control Unit	ADR-3000	PEEK TRAFFIC, INC.	97440003
Interface			
Modem	DC POWERED 14.4 BPS	MICRO-AIDE	4918
Loop Amplifiers	SL58P	PEEK TRAFFIC, INC.	9844720034
Other WIM	SW58P	PEEK TRAFFIC, INC.	W09825090026
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			