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<p align="center"><b>SHEET 1</b></p> <p align="center"><b>LTPP TRAFFIC DATA</b></p> <p align="center"><b>SUMMARY TRANSMITTAL FORM</b></p>	*STATE ASSIGNED ID [ <u>2</u> <u>0</u> <u>5</u> <u>4</u> ]
	*STATE CODE [ <u>0</u> <u>1</u> ]
	*SHRP SECTION ID [ <u>4</u> <u>1</u> <u>2</u> <u>6</u> ]

STATE OR PROVINCE Alabama COUNTY Cullman

HIGHWAY ROUTE NO. I-65 MILEPOST# 309.3

NEAREST CITY/TOWN 1 mi. W. of Cullman, AL NEAREST INTERSECTION 2 mi. N. of US 278

FUNCTIONAL CLASS 01 NO. LANES EACH DIRECTION 2 TOTAL NO. LANES 4

DIRECTION OF TRAVEL GPS LANE SB DATE OPENED TO TRAF. 4 1 88

FIPS COUNTY CODE 43 FHWA STATION IDENTIFICATION NO. \_\_\_\_\_

HPMS SAMPLE NO. No HPMS SUBDIVISION NO. No

TYPE OF PAVEMENT: AC X PCC \_\_\_\_\_ OTHER \_\_\_\_\_

CONTROL OF ACCESS: YES X NO \_\_\_\_\_ MEDIAN: YES X NO \_\_\_\_\_

CURRENT SURROUNDING DEVELOPMENT:  
 URBAN \_\_\_\_\_ SUBURBAN \_\_\_\_\_ RURAL X

HAS INTENSITY OF ROADSIDE DEVELOPMENT INCREASED OVER PAST 10 YEARS?  
 YES \_\_\_\_\_ NO X

IF YES, DESCRIBE CHANGES \_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

ARCHIVED JUL 16 2008 TK

NOTE: ATTACH ALL RELATED FORMS AND COUNT DATA AND SUBMIT TO THE SHRP REGIONAL OFFICE. ATTACH MAP INDICATING THE LOCATION OF EACH TRAFFIC COUNT, VEHICLE CLASSIFICATION COUNT, OR WEIGHT STATION RELATIVE TO THIS GPS TEST SECTION.

NAME OF PREPARER <u>Charles W. Turney</u>	PHONE # <u>242-6492</u>
DATE PREPARED <u>8-13-90</u>	

<b>SHEET 2</b> <b>LTPP TRAFFIC DATA</b> <b>TRAFFIC VOLUMES</b> <b>AND LOAD ESTIMATES</b>	*STATE ASSIGNED ID [ <u>2</u> <u>05</u> <u>4</u> ] *STATE CODE [ <u>0</u> <u>1</u> ] *SHRP SECTION ID [ <u>4</u> <u>1</u> <u>26</u> ]
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YEAR	1. ESTIMATED TOTAL VEHICLES AADT (TWO-WAY)	2. ESTIMATED TOTAL TRUCK AADT (TWO-WAY)	3. ESTIMATED TOTAL VEHICLES AADT GPS LANE	4. ESTIMATED TOTAL TRUCKS AADT GPS LANE	5. ESTIMATED ESAL'S/YR GPS LANE (1000's)
1989	25170	6041	1006	2416 <del>4833</del>	689,475 <del>1379.236</del>
1988	22820	5477	9128	<del>4382</del>	<del>1250.530</del>
1987				2191	625,265
1986					
1985					
1984					
1983					
1982					
1981					
1980					
1979					
1978					
1977					
1976					
1975					
1974					
1973					
1972					
1971					
1970					
1969					
1968					
1967					
1966					
1965					

NAME OF PREPARER	Charles W. Turney	PHONE #	242-6492
DATE PREPARED	8-13-90		

## SHEET 3

# LTPP TRAFFIC DATA PROCEDURES FOR ESTIMATING ANNUAL AVERAGE VOLUMES AND TOTAL ANNUAL ESALS

\*STATE ASSIGNED ID [ 2 0 5 4 ]

\*STATE CODE [ 0 1 ]

\*SHRP SECTION ID [ 4 1 2 6 ]

1. Year Applicable 1988

## 2. METHOD FOR ESTIMATING AADT

- ☒ Factored a single count taken this year at the GPS site.
- ☐ Averaged multiple counts taken this year at the GPS site.
- ☐ Averaged and factored multiple counts taken this year at the GPS site.
- ☐ Growth factored last year's estimate.
- ☐ Estimated based on volume counts at nearby locations.
- ☐ Used flow maps.
- ☐ Used computerized network analyses.
- ☐ Other: \_\_\_\_\_

## 3. METHOD FOR ESTIMATING TRUCK VOLUMES OR PERCENTAGES

- ☐ Used a single count taken this year at the GPS site.
- ☐ Factored a single count taken this year at the GPS site.
- ☐ Averaged multiple counts taken this year at the GPS site.
- ☐ Used system averages from counts taken this year.
- ☐ Used count data from nearby sites.
- ☒ Used count data taken in earlier years at the GPS site.
- ☐ Used system averages taken in earlier years at the GPS site.
- ☐ Used computerized network analyses.
- ☐ Other: \_\_\_\_\_

## 4. METHOD FOR ESTIMATING AADT BY GPS LANE

- ☐ Based on actual lane count data.
- ☐ System distribution factors.
- ☒ Other: Lane occupancy study conducted in 1983.

## 5. METHOD FOR ESTIMATING TRUCK AADT IN GPS LANES

- ☐ Based on actual lane count data.
- ☐ System distribution factors.
- ☒ Other: Lane occupancy study conducted in 1983.

## 6. METHOD FOR ESTIMATING ESAL/VEHICLE

- ☒ ESAL/Truck. 0.78186/TK
- ☐ ESAL/Vehicle class. (no. of classes) \_\_\_\_\_
- ☐ Other: \_\_\_\_\_

## 7. ESAL ESTIMATES

## (A) Source of Data

- ☐ Weight data collected at GPS site this year.
- ☐ Weight data collected at GPS site prior years.
- ☐ Weight data from system averages this year.
- ☒ Weight data from system averages prior years.
- ☐ Weight data from historic W-4 Tables used.
- ☐ Other: \_\_\_\_\_

## (B) Weight Scale Type

- ☒ WIM scale.
- ☐ Static scale used for enforcement.
- ☐ Static scale not used for enforcement.
- ☐ Other: \_\_\_\_\_

NAME OF PREPARER Charles W. TurneyPHONE # 242-6492DATE PREPARED 8-13-90

## SHEET 3

# LTPP TRAFFIC DATA PROCEDURES FOR ESTIMATING ANNUAL AVERAGE VOLUMES AND TOTAL ANNUAL ESALS

\*STATE ASSIGNED ID [ 2 0 5 4 ]

\*STATE CODE [ 0 1 ]

\*SHRP SECTION ID [ 4 1 2 6 ]

1. Year Applicable 1989

## 2. METHOD FOR ESTIMATING AADT

- ☒ Factored a single count taken this year at the GPS site.
- ☐ Averaged multiple counts taken this year at the GPS site.
- ☐ Averaged and factored multiple counts taken this year at the GPS site.
- ☐ Growth factored last year's estimate.
- ☐ Estimated based on volume counts at nearby locations.
- ☐ Used flow maps.
- ☐ Used computerized network analyses.
- ☐ Other: \_\_\_\_\_

## 3. METHOD FOR ESTIMATING TRUCK VOLUMES OR PERCENTAGES

- ☐ Used a single count taken this year at the GPS site.
- ☐ Factored a single count taken this year at the GPS site.
- ☐ Averaged multiple counts taken this year at the GPS site.
- ☐ Used system averages from counts taken this year.
- ☐ Used count data from nearby sites.
- ☐ Used count data taken in earlier years at the GPS site.
- ☐ Used system averages taken in earlier years at the GPS site.
- ☐ Used computerized network analyses.
- ☒ Other: Same Percentage used in 1988.

## 4. METHOD FOR ESTIMATING AADT BY GPS LANE

- ☐ Based on actual lane count data.
- ☐ System distribution factors.
- ☒ Other: Lane occupancy study conducted in 1983.

## 5. METHOD FOR ESTIMATING TRUCK AADT IN GPS LANES

- ☐ Based on actual lane count data.
- ☐ System distribution factors.
- ☒ Other: Lane occupancy study conducted in 1983.

## 6. METHOD FOR ESTIMATING ESAL/VEHICLE

- ☒ ESAL/Truck. 0.78186/TK
- ☐ ESAL/Vehicle class. (no. of classes) \_\_\_\_\_
- ☐ Other: \_\_\_\_\_

## 7. ESAL ESTIMATES

## (A) Source of Data

- ☐ Weight data collected at GPS site this year.
- ☐ Weight data collected at GPS site prior years.
- ☐ Weight data from system averages this year.
- ☒ Weight data from system averages prior years.
- ☐ Weight data from historic W-4 Tables used.
- ☐ Other: \_\_\_\_\_

## (B) Weight Scale Type

- ☒ WIM scale.
- ☐ Static scale used for enforcement.
- ☐ Static scale not used for enforcement.
- ☐ Other: \_\_\_\_\_

NAME OF PREPARER

Charles W. Turney

PHONE #

242-6492

DATE PREPARED

8-13-90

<b>SHEET 4</b>  <b>LTPP TRAFFIC DATA</b>  <b>TRAFFIC VOLUME COUNTS</b>	*STATE ASSIGNED ID [ 2 0 5 4 ]
	*STATE CODE [ 0 1 ]
	*SHRP SECTION ID [ 4 1 2 6 ]

HIGHWAY ROUTE NO. (THIS COUNT) I-65

MILEPOST# OR LOCATION (THIS COUNT) 309.2

BEGINNING DATE 8-2-88 ENDING DATE 8-9-88

BEGINNING TIME 0600 ENDING TIME 0600

COUNT DURATION 7 [ ] HOURS [ x ] DAYS [ ] MONTHS

TYPE OF COUNTER StreeterAmet NAME/MODEL # Junior

TYPE OF COUNT: TWO-WAY x ONE DIRECTION ONLY    GPS TEST LANE ONLY   

<u>ITEM</u>	<u>ACTUAL COUNTS</u>	<u>UNITS</u>
1. TOTAL NO. OF VEHICLES (RAW COUNT)		<u>215452</u>
2. ADJUSTMENT FACTORS (FILL IN AS APPLICABLE):		
A. ADJUSTMENT TO 24-HOUR COUNT		<u>0 . 143</u>
B. AXLE CORRECTION FACTOR		<u>0 . 833</u>
C. DAY OF WEEK FACTOR		<u>  .  </u>
D. MONTH FACTOR		<u>  .  </u>
E. OTHER FACTOR ( <u>7-Day Average tp AADT</u> )		<u>0 . 889</u>
3. ANNUAL AVERAGE DAILY TRAFFIC (AADT) (TWO-WAY)		<u>22816</u>
4. DIRECTIONAL DISTRIBUTION FACTOR		<u>0 . 500</u>
5. GPS LANE DISTRIBUTION FACTOR		<u>0 . 800</u>
6. AADT GPS LANE		<u>9128</u>

NOTE: COMPLETE ONE SHEET FOR EACH COUNTING SESSION.

NAME OF PREPARER <u>Charles W. Turney</u>	PHONE # <u>242-6492</u>
DATE PREPARED <u>8-13-90</u>	

<b>SHEET 4</b> <b>LTPP TRAFFIC DATA</b> <b>TRAFFIC VOLUME COUNTS</b>	*STATE ASSIGNED ID [ <u>2</u> <u>0</u> <u>5</u> <u>4</u> ]
	*STATE CODE [ <u>0</u> <u>1</u> ]
	*SHRP SECTION ID [ <u>4</u> <u>1</u> <u>2</u> <u>6</u> ]

HIGHWAY ROUTE NO. (THIS COUNT) I-65

MILEPOST# OR LOCATION (THIS COUNT) 309.7

BEGINNING DATE 4-5-89 ENDING DATE 4-12-89

BEGINNING TIME 0730 ENDING TIME 0730

COUNT DURATION 7 [ ] HOURS [ X ] DAYS [ ] MONTHS

TYPE OF COUNTER StreeterAmet NAME/MODEL # Junior

TYPE OF COUNT: TWO-WAY X ONE DIRECTION ONLY    GPS TEST LANE ONLY   

<u>ITEM</u>	<u>ACTUAL COUNTS</u>	<u>UNITS</u>
1. TOTAL NO. OF VEHICLES (RAW COUNT)	<u>204542</u>	
2. ADJUSTMENT FACTORS (FILL IN AS APPLICABLE):		
A. ADJUSTMENT TO 24-HOUR COUNT	<u>0.143</u>	
B. AXLE CORRECTION FACTOR	<u>0.870</u>	
C. DAY OF WEEK FACTOR	<u>  </u>	
D. MONTH FACTOR	<u>  </u>	
E. OTHER FACTOR ( <u>7-Day Average to AADT</u> )	<u>0.989</u>	
3. ANNUAL AVERAGE DAILY TRAFFIC (AADT) (TWO-WAY)	<u>25167</u>	
4. DIRECTIONAL DISTRIBUTION FACTOR	<u>0.500</u>	
5. GPS LANE DISTRIBUTION FACTOR	<u>0.800</u>	
6. AADT GPS LANE	<u>10067</u>	

NOTE: COMPLETE ONE SHEET FOR EACH COUNTING SESSION.

NAME OF PREPARER <u>Charles W. Turney</u>	PHONE # <u>242-6492</u>
DATE PREPARED <u>8-13-90</u>	

<b>SHEET 5</b> <b>LTPP TRAFFIC DATA</b> <b>VEHICLE CLASSIFICATION DATA</b> <b>FHWA 13-CLASS SYSTEM</b>	*STATE ASSIGNED ID [ <u>2 0 5 4</u> ] *STATE CODE [ <u>0 1</u> ] *SHRP SECTION ID [ <u>4 1 2 6</u> ]
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HIGHWAY RT. NO. (THIS COUNT) I-65 MILEPOST# (THIS COUNT) 312.00

LOCATION (THIS COUNT) Between AL I-57 & US 31 FUNCTIONAL CLASS 01

BEGINNING DATE 1-5-87 ENDING DATE 1-9-87

BEGINNING TIME 0600 ENDING TIME 2200 DURATION (HRS) 16

TYPE OF COUNT: MANUAL X AUTOMATED \_\_\_\_\_ NO. OF LANES COUNTED 4

TYPE OF EQUIP.: AVC PERM. \_\_\_\_\_ AVC PORT. \_\_\_\_\_ WIM PERM. \_\_\_\_\_ WIM PORT. \_\_\_\_\_

EQUIPMENT NAME / MODEL # \_\_\_\_\_

TOTAL NO. OF VEHICLES CLASSIFIED 11088 # TRUCKS 3166 % TRUCKS 29

NO. OF TRUCKS IN GPS LANE \_\_\_\_\_ % OF TRUCKS IN GPS LANE 85

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

NOTE: IF THIS COUNT DOES NOT USE THE FHWA 13-BIN CLASSIFICATION SYSTEM USE SHEET 6. PLEASE DESCRIBE ON AN ATTACHED PAGE THE VEHICLE CLASSIFICATION SYSTEM USED BY THE AGENCY AND COMPLETE SHEET 7 DESCRIBING HOW THE SHA WOULD EXPAND OR COLLAPSE THE USER CLASSIFICATION SYSTEM TO CORRESPOND WITH THE FHWA 13 CLASSES.

VEHICLE CLASSES	TOTAL NUMBER OF VEHICLES TWO-WAY	TOTAL NUMBER OF VEHICLES GPS DIRECTION	TOTAL NUMBER OF VEHICLES GPS LANE
1. FHWA CLASSES 1-3 (Cars, Motorcycles, Vans)	<u>7 9 2 2</u>	<u>4 1 9 1</u>	_____
2. FHWA CLASS 4 (Buses)	<u>2 8</u>	<u>1 4</u>	_____
3. FHWA CLASS 5 (Two Axle, 6-Tire, SU Truck)	<u>5 0 2</u>	<u>2 7 7</u>	_____
4. FHWA CLASS 6 (3 AXLE SU TRUCK)	<u>1 0 3</u>	<u>5 1</u>	_____
5. FHWA CLASS 7 (4 or more Axle SU Truck)	<u>3</u>	<u>2</u>	_____
6. FHWA CLASS 8 (4 or less axle 1-Trlr.Truck)	<u>1 7 1</u>	<u>8 6</u>	_____
7. FHWA CLASS 9 (5 Axle, 1-Trlr.Truck)	<u>2 2 8 8</u>	<u>1 1 5 8</u>	_____
8. FHWA CLASS 10 (6 or more Axle, 1-Trlr.Truck)	<u>1 6</u>	<u>8</u>	_____
9. FHWA CLASS 11 (5 or less Axle, Multi-Trlr.Truck)	<u>4 7</u>	<u>1 9</u>	_____
10. FHWA CLASS 12 (6 Axle, Multi-Trlr.Truck)	<u>7</u>	<u>6</u>	_____
11. FHWA CLASS 13 (7 or more Axle, Multi-Trlr.Truck)	<u>1</u>	<u>0</u>	_____
12. OTHER VEHICLES	_____	_____	_____
<b>GRAND TOTAL</b>	_____	_____	_____

NAME OF PREPARER Charles W. Turney PHONE # 242-6492  
 DATE PREPARED 8-13-90