

SHEET 1 LTPP TRAFFIC DATA SUMMARY TRANSMITTAL FORM	*STATE ASSIGNED ID [6 0 5 9] *STATE CODE [0 1] *SHRP SECTION ID [4 1 2 7]
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STATE OR PROVINCE Alabama COUNTY Lauderdale  
HIGHWAY ROUTE NO. US 72 MILEPOST# 51.7  
NEAREST CITY/TOWN 1 mi. E. of Elgin NEAREST INTERSECTION 1.2 mi. E. of Jct. with Ala. 1101  
FUNCTIONAL CLASS 02 NO. LANES EACH DIRECTION 2 TOTAL NO. LANES 4  
DIRECTION OF TRAVEL GPS LANE EB DATE OPENED TO TRAF. 01 01 89  
FIPS COUNTY CODE 77 FHWA STATION IDENTIFICATION NO. \_\_\_\_\_  
HPMS SAMPLE NO. \_\_\_\_\_ HPMS SUBDIVISION NO. \_\_\_\_\_  
TYPE OF PAVEMENT: AC X PCC \_\_\_\_\_ OTHER \_\_\_\_\_  
CONTROL OF ACCESS: YES \_\_\_\_\_ NO X 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 \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

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>Robert J. Taylor</u>	PHONE # <u>242-6395</u>
DATE PREPARED <u>2-15-91</u>	

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## SHEET 2

## LTPP TRAFFIC DATA

TRAFFIC VOLUMES  
AND LOAD ESTIMATES

\*STATE ASSIGNED ID [6 0 5 9]

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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	11710	820	4977	348	106109
1988					
1987					
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 Robert J. Taylor

PHONE # 242-6395

DATE PREPARED 2-15-91

## SHEET 3

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

\*STATE ASSIGNED ID [6 0 5 9]

\*STATE CODE [0 1]

\*SHRP SECTION ID [4 1 2 7]

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 1986.

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.
- ☐ 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: \_\_\_\_\_

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## LTPP TRAFFIC DATA

VEHICLE CLASSIFICATION DATA  
FHWA 13-CLASS SYSTEM

\*STATE ASSIGNED ID [6 0 5 9]

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HIGHWAY RT. NO. (THIS COUNT) US 72 MILEPOST# (THIS COUNT) 50.46LOCATION (THIS COUNT) Elgin FUNCTIONAL CLASS 02BEGINNING DATE 09/15/86 ENDING DATE 09/17/86BEGINNING TIME 0600 ENDING TIME 2200 DURATION (HRS) 16TYPE 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 21575 # TRUCKS 1587 % TRUCKS 7.4NO. OF TRUCKS IN GPS LANE \_\_\_\_\_ % OF TRUCKS IN GPS LANE 85VEHICLE 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-WAYTOTAL NUMBER  
OF VEHICLES  
GPS DIRECTIONTOTAL NUMBER  
OF VEHICLES  
GPS LANE

## 1. FHWA CLASSES 1-3

(Cars, Motorcycles, Vans)

1 9 9 9 2

## 2. FHWA CLASS 4

(Buses)

3 9

## 3. FHWA CLASS 5

(Two Axle, 6-Tire, SU Truck)

6 8 3

## 4. FHWA CLASS 6

(3 AXLE SU TRUCK)

8 5

## 5. FHWA CLASS 7

(4 or more Axle SU Truck)

5

## 6. FHWA CLASS 8

(4 or less axle 1-Trlr.Truck)

8 3

## 7. FHWA CLASS 9

(5 Axle, 1-Trlr.Truck)

6 8 6

## 8. FHWA CLASS 10

(6 or more Axle, 1-Trlr.Truck)

2

## 9. FHWA CLASS 11

(5 or less Axle, Multi-Trlr.Truck)

## 10. FHWA CLASS 12

(6 Axle, Multi-Trlr.Truck)

## 11. FHWA CLASS 13

(7 or more Axle, Multi-Trlr.Truck)

## 12. OTHER VEHICLES

## GRAND TOTAL

2 1 5 7 5NAME OF PREPARER Robert J. TaylorPHONE # 242-6395DATE PREPARED 2-15-91