

RECEIVED MAR 14 1991

<p>SHEET 1</p> <p>LTPP TRAFFIC DATA</p> <p>SUMMARY TRANSMITTAL FORM</p>	*STATE ASSIGNED ID [1 0 0 1]
	*STATE CODE [0 1]
	*SHRP SECTION ID [1 0 1 9]

STATE OR PROVINCE Alabama COUNTY Washington

HIGHWAY ROUTE NO. US 43 MILEPOST# 47.7

NEAREST CITY/TOWN 5.5 mi. N. of McIntosh, AL NEAREST INTERSECTION 1 mi. N. of Co. Rd. 2

FUNCTIONAL CLASS 02 NO. LANES EACH DIRECTION 2 TOTAL NO. LANES 4

DIRECTION OF TRAVEL GPS LANE SB DATE OPENED TO TRAF. 10 - 1 - 86

FIPS COUNTY CODE 129 FHWA STATION IDENTIFICATION NO. _____

HPMS SAMPLE NO. 13-46527 HPMS SUBDIVISION NO. 0

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 _____

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>8-12-90</u>	

Eq. Load 2000 LB axle
SINGLE AXLE LOAD

SHEET 2 LTPP TRAFFIC DATA TRAFFIC VOLUMES AND LOAD ESTIMATES	*STATE ASSIGNED ID [10 01] *STATE CODE [0 1] *SHRP SECTION ID [1 0 19]
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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	5610	1010	2384	429	130.561
1988	5220	940	2219	400	121.735
1987	5020	904	2135	384	116.865
1986	5050	909	2148	386	117.474
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

SHEET 3

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

*STATE ASSIGNED ID [1 0 0 1]

*STATE CODE [0 1]

*SHRP SECTION ID [1 0 1 9]

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: _____

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. 0.83380/TK
☐ ESAL/Vehicle class. (no. of classes) _____
☐ 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.

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: _____

4. METHOD FOR ESTIMATING AADT BY GPS LANE

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

NAME OF PREPARER Charles W. TurneyPHONE # 242-6492

SHEET 3

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

*STATE ASSIGNED ID [1 0 0 1]

*STATE CODE [0 1]

*SHRP SECTION ID [1 0 1 2]

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: 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. 0.83380/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. Turrey

PHONE #

242-6402

SHEET 3

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

*STATE ASSIGNED ID [1 0 0 1]

*STATE CODE [0 1]

*SHRP SECTION ID [1 0 1 9]

1. Year Applicable 1987

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. 0.83380/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 # 242-6492

SHEET 3

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

*STATE ASSIGNED ID [1 0 0 1]

*STATE CODE [0 1]

*SHRP SECTION ID [1 0 1 9]

1. Year Applicable 1986

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: _____

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. 0.83380/TK
- ☐ ESAL/Vehicle class. (no. of classes) _____
- ☐ 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: _____

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: _____

4. METHOD FOR ESTIMATING AADT BY GPS LANE

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

The factor shown
(0.8338 ESAL's/Hk)
doesn't appear to
have been applied
to the truck numbers
in Sheet 2.

NAME OF PREPARER Charles W. Turney PHONE # 242-6492

SHEET 4 LTPP TRAFFIC DATA TRAFFIC VOLUME COUNTS	*STATE ASSIGNED ID [1 0 01]
	*STATE CODE [0 1]
	*SHRP SECTION ID [1 0 19]

HIGHWAY ROUTE NO. (THIS COUNT) US 43

MILEPOST# OR LOCATION (THIS COUNT) M.P. 46.8

BEGINNING DATE 3-25-87 ENDING DATE 4-1-87

BEGINNING TIME 0715 ENDING TIME 0715

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

TYPE OF COUNTER _____ NAME/MODEL # _____

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

ITEM	ACTUAL COUNTS	UNITS
1. TOTAL NO. OF VEHICLES (RAW COUNT)	<u>39050</u>	
2. ADJUSTMENT FACTORS (FILL IN AS APPLICABLE):		
A. ADJUSTMENT TO 24-HOUR COUNT	<u>0.143</u>	
B. AXLE CORRECTION FACTOR	<u>0.860</u>	
C. DAY OF WEEK FACTOR	<u> </u>	
D. MONTH FACTOR	<u> </u>	
E. OTHER FACTOR (<u>7-Day Average to AADT</u>)	<u>1.046</u>	
3. ANNUAL AVERAGE DAILY TRAFFIC (AADT) (TWO-WAY)	<u>5023</u>	
4. DIRECTIONAL DISTRIBUTION FACTOR	<u>0.500</u>	
5. GPS LANE DISTRIBUTION FACTOR	<u>0.850</u>	
6. AADT GPS LANE	<u>2135</u>	

NOTE: COMPLETE ONE SHEET FOR EACH COUNTING SESSION.

NAME OF PREPARER Charles W. Turney PHONE # 242-6492

SHEET 4 LTPP TRAFFIC DATA TRAFFIC VOLUME COUNTS	*STATE ASSIGNED ID [1 0 01]
	*STATE CODE [0 1]
	*SHRP SECTION ID [1 0 1 9]

HIGHWAY ROUTE NO. (THIS COUNT) US 43

MILEPOST# OR LOCATION (THIS COUNT) M.P. 47.0

BEGINNING DATE 4-15-86 ENDING DATE 4-22-86

BEGINNING TIME 0900 ENDING TIME 0900

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

ITEM	ACTUAL COUNTS	UNITS
1. TOTAL NO. OF VEHICLES (RAW COUNT)		<u>40540</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>1.010</u>
E. OTHER FACTOR (<u>Week to month</u>)		<u>0.992</u>
3. ANNUAL AVERAGE DAILY TRAFFIC (AADT) (TWO-WAY)		<u>5053</u>
4. DIRECTIONAL DISTRIBUTION FACTOR		<u>0.500</u>
5. GPS LANE DISTRIBUTION FACTOR		<u>0.850</u>
6. AADT GPS LANE		<u>2148</u>

NOTE: COMPLETE ONE SHEET FOR EACH COUNTING SESSION.

NAME OF PREPARER Charles W. Turney

PHONE # 242-6492

SHEET 5

LTPP TRAFFIC DATA

VEHICLE CLASSIFICATION DATA
FHWA 13-CLASS SYSTEM

*STATE ASSIGNED ID [1 0 0 1]

*STATE CODE [0 1]

*SHRP SECTION ID [1 0 1 9]

HIGHWAY RT. NO. (THIS COUNT) US 43 MILEPOST# (THIS COUNT) 49.7LOCATION (THIS COUNT) At Sunflower FUNCTIONAL CLASS 02BEGINNING DATE 6-9-86 ENDING DATE 6-11-86BEGINNING TIME 0600 ENDING TIME 2200 DURATION (HRS) 16TYPE OF COUNT: MANUAL X AUTOMATED NO. OF LANES COUNTED 4TYPE OF EQUIP.: AVC PERM. AVC PORT. WIM PERM. WIM PORT. EQUIPMENT NAME / MODEL # TOTAL NO. OF VEHICLES CLASSIFIED 4356 # TRUCKS 877 % TRUCKS 20.1NO. 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-WAY				TOTAL NUMBER OF VEHICLES GPS DIRECTION	TOTAL NUMBER OF VEHICLES GPS LANE
1. FHWA CLASSES 1-3 (Cars, Motorcycles, Vans)	3	4	7	9	_____	_____
2. FHWA CLASS 4 (Buses)	_____	1	2	_____	_____	_____
3. FHWA CLASS 5 (Two Axle, 6-Tire, SU Truck)	_____	1	2	7	_____	_____
4. FHWA CLASS 6 (3 AXLE SU TRUCK)	_____	1	5	5	_____	_____
5. FHWA CLASS 7 (4 or more Axle, SU Truck)	_____	3	5	_____	_____	_____
6. FHWA CLASS 8 (4 or less axle 1-Trlr. Truck)	_____	3	1	_____	_____	_____
7. FHWA CLASS 9 (5 Axle, 1-Trlr. Truck)	_____	5	1	6	_____	_____
8. FHWA CLASS 10 (6 or more Axle, 1-Trlr. Truck)	_____	_____	1	_____	_____	_____
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	4	3	5	6	_____	_____

NAME OF PREPARER

Charles W. Turney

PHONE #

242-6492