

|  |   |
|--|---|
| SHEET 1<br>LTPP TRAFFIC DATA<br>SUMMARY TRANSMITTAL FORM | *STATE ASSIGNED ID [6 0 1 3]<br>*STATE CODE [0 1]<br>*SHRP SECTION ID [6 0 1 2] |
|--|---|

STATE OR PROVINCE Alabama COUNTY Tuscaloosa  
 HIGHWAY ROUTE NO. I-59 MILEPOST# 69.1  
 NEAREST CITY/TOWN 2 mi. SW of Tuscaloosa NEAREST INTERSECTION 2.3 mi. SW of Jct. with I-359  
 FUNCTIONAL CLASS 01 NO. LANES EACH DIRECTION 2 TOTAL NO. LANES 4  
 DIRECTION OF TRAVEL GPS LANE NB DATE OPENED TO TRAF. 01 - 01 - 84  
 FIPS COUNTY CODE 125 FHWA STATION IDENTIFICATION NO. \_\_\_\_\_  
 HPMS SAMPLE NO. \_\_\_\_\_ HPMS SUBDIVISION 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 \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_

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>             |                         |

ARCHIVED JUL 16 2008 TK

|   |  |
|---|--|
| <b>SHEET 2</b><br><b>LTPP TRAFFIC DATA</b><br><b>TRAFFIC VOLUMES</b><br><b>AND LOAD ESTIMATES</b> | *STATE ASSIGNED ID <u>6 0 1 3 1</u><br>*STATE CODE <u>0 1 1</u><br>*SHRP SECTION ID <u>6 0 1 2 1</u> |
|---|--|

| YEAR | 1.<br>ESTIMATED<br>TOTAL VEHICLES<br>AADT<br>(TWO-WAY) | 2.<br>ESTIMATED<br>TOTAL TRUCK<br>AADT<br>(TWO-WAY) | 3.<br>ESTIMATED<br>TOTAL VEHICLES<br>AADT<br>GPS LANE | 4.<br>ESTIMATED<br>TOTAL TRUCKS<br>AADT<br>GPS LANE | 5.<br>ESTIMATED<br>ESAL'S/YR<br>GPS LANE<br>(1000's) |
|------|--|---|---|---|--|
| 1989 | 17330  | 8145  | 7365  | 3462  | 1017   |
| 1988 | 16780  | 7887  | 7132  | 3352  | 984  |
| 1987 | 14700  | 6909  | 6248  | 2936  | 862  |
| 1986 | 13360  | 5878  | 5678  | 2498  | 733  |
| 1985 | 12370  | 5443  | 5257  | 2213  | 650  |
| 1984 | 12000  | 5760  | 5100  | 2448  | 719  |
| 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 1 3]

\*STATE CODE [0 1]

\*SHRP SECTION ID [6 0 1 2]

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 1987.

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: \_\_\_\_\_

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

## SHEET 3

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

\*STATE ASSIGNED ID [6 0 1 3]

\*STATE CODE [0 1]

\*SHRP SECTION ID [6 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 1987.

## 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: \_\_\_\_\_NAME OF PREPARER Robert J. TaylorPHONE # 242-6395DATE PREPARED 2-15-91

## SHEET 3

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

\*STATE ASSIGNED ID [ 6 0 1 3 ]

\*STATE CODE [ 0 1 ]

\*SHRP SECTION ID [ 6 0 1 2 ]

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: \_\_\_\_\_

## 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: \_\_\_\_\_

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

## SHEET 3

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

\*STATE ASSIGNED ID [6 0 1 3]

\*STATE CODE [0 1]

\*SHRP SECTION ID [6 0 1 2]

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: \_\_\_\_\_

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 1985.

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: \_\_\_\_\_

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 1 3 ]

\*STATE CODE [ 0 1 ]

\*SHRP SECTION ID [ 6 0 1 2 ]

1. Year Applicable 1985

## 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.  
☐ 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 Robert J. TaylorPHONE # 242-6395DATE PREPARED 2-15-91

## SHEET 3

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

\*STATE ASSIGNED ID [6 0 1 3]

\*STATE CODE [0 1]

\*SHRP SECTION ID [6 0 1 2]

1. Year Applicable 1984

## 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.  
☐ 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 Robert J. TaylorPHONE # 242-6395DATE PREPARED 2-15-91



|   |                              |
|---|------------------------------|
| SHEET 4<br>LTPP TRAFFIC DATA<br>TRAFFIC VOLUME COUNTS | *STATE ASSIGNED ID [6 0 1 3] |
|   | *STATE CODE [0 1]            |
|   | *SHRP SECTION ID [6 0 1 2]   |

HIGHWAY ROUTE NO. (THIS COUNT) I-59

MILEPOST# OR LOCATION (THIS COUNT) 70.0

BEGINNING DATE 04/17/89 ENDING DATE 04/24/89

BEGINNING TIME 7:00 ENDING TIME 7:00

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

TYPE OF COUNTER E Leg StreeterAmet NAME/MODEL # 5619  
W Leg StreeterAmet 4550

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

| ACTUAL COUNTS                                       |               |
|---|---------------|
| ITEM  | UNITS         |
| 1. TOTAL NO. OF VEHICLES (RAW COUNT)                | <u>154616</u> |
| 2. ADJUSTMENT FACTORS (FILL IN AS APPLICABLE):      |               |
| A. ADJUSTMENT TO 24-HOUR COUNT                      | <u>.143</u>   |
| B. AXLE CORRECTION FACTOR                           | <u>.731</u>   |
| C. DAY OF WEEK FACTOR                               | <u>.    </u>  |
| D. MONTH FACTOR                                     | <u>.    </u>  |
| E. OTHER FACTOR ( <u>7-Day Avg. to AADT</u> )       | <u>1.073</u>  |
| 3. ANNUAL AVERAGE DAILY TRAFFIC (AADT)<br>(TWO-WAY) | <u>17330</u>  |
| 4. DIRECTIONAL DISTRIBUTION FACTOR                  | <u>.500</u>   |
| 5. GPS LANE DISTRIBUTION FACTOR                     | <u>.850</u>   |
| 6. AADT GPS LANE                                    | <u>7365</u>   |

NOTE: COMPLETE ONE SHEET FOR EACH COUNTING SESSION.

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

|   |                                |
|---|--------------------------------|
| SHEET 4<br>LTPP TRAFFIC DATA<br>TRAFFIC VOLUME COUNTS | *STATE ASSIGNED ID [ 6 0 1 3 ] |
|   | *STATE CODE [ 0 1 ]            |
|   | *SHRP SECTION ID [ 6 0 1 2 ]   |

HIGHWAY ROUTE NO. (THIS COUNT) I-59

MILEPOST# OR LOCATION (THIS COUNT) 69.1

BEGINNING DATE 08/01/88 ENDING DATE 08/08/88

BEGINNING TIME 7:30 ENDING TIME 7:30

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

TYPE OF COUNTER E Leg StreeterAmet NAME/MODEL # 4550  
W Leg StreeterAmet 5634

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>180040</u> |       |
| 2. ADJUSTMENT FACTORS (FILL IN AS APPLICABLE):      |               |       |
| A. ADJUSTMENT TO 24-HOUR COUNT                      | <u>.143</u>   |       |
| B. AXLE CORRECTION FACTOR                           | <u>.757</u>   |       |
| C. DAY OF WEEK FACTOR                               | <u>    </u>   |       |
| D. MONTH FACTOR                                     | <u>    </u>   |       |
| E. OTHER FACTOR ( <u>7-Day Avg. to AADT</u> )       | <u>862</u>    |       |
| 3. ANNUAL AVERAGE DAILY TRAFFIC (AADT)<br>(TWO-WAY) | <u>16780</u>  |       |
| 4. DIRECTIONAL DISTRIBUTION FACTOR                  | <u>.500</u>   |       |
| 5. GPS LANE DISTRIBUTION FACTOR                     | <u>.850</u>   |       |
| 6. AADT GPS LANE                                    | <u>7131</u>   |       |

NOTE: COMPLETE ONE SHEET FOR EACH COUNTING SESSION.

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

SHEET 4  
LTPP TRAFFIC DATA  
TRAFFIC VOLUME COUNTS

\*STATE ASSIGNED ID [ 6 0 1 3 ]  
\*STATE CODE [ 0 1 ]  
\*SHRP SECTION ID [ 6 0 1 2 ]

HIGHWAY ROUTE NO. (THIS COUNT) I-59

MILEPOST# OR LOCATION (THIS COUNT) 70.7

BEGINNING DATE 08/03/87 ENDING DATE 08/10/87

BEGINNING TIME 9:00 ENDING TIME 9:00

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

TYPE OF COUNTER NE Leg StreeterAmet NAME/MODEL # 5614  
SW Leg StreeterAmet 6824

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>159557</u> |       |
| 2. ADJUSTMENT FACTORS (FILL IN AS APPLICABLE):      |               |       |
| A. ADJUSTMENT TO 24-HOUR COUNT                      | <u>. 143</u>  |       |
| B. AXLE CORRECTION FACTOR                           | <u>. 750</u>  |       |
| C. DAY OF WEEK FACTOR                               | <u>. ----</u> |       |
| D. MONTH FACTOR                                     | <u>. ----</u> |       |
| E. OTHER FACTOR ( <u>7-Day Avg. to AADT</u> )       | <u>. 860</u>  |       |
| 3. ANNUAL AVERAGE DAILY TRAFFIC (AADT)<br>(TWO-WAY) | <u>14700</u>  |       |
| 4. DIRECTIONAL DISTRIBUTION FACTOR                  | <u>. 500</u>  |       |
| 5. GPS LANE DISTRIBUTION FACTOR                     | <u>. 850</u>  |       |
| 6. AADT GPS LANE                                    | <u>6248</u>   |       |

NOTE: COMPLETE ONE SHEET FOR EACH COUNTING SESSION.

NAME OF PREPARER Robert J. Taylor PHONE # 242-6395  
DATE PREPARED 2-15-91

|   |   |
|---|---|
| SHEET 4<br><br>LTPP TRAFFIC DATA<br><br>TRAFFIC VOLUME COUNTS | *STATE ASSIGNED ID [ 6 0 13 ]<br>*STATE CODE [ 0 1 ]<br>*SHRP SECTION ID [ 6 0 12 ] |
|---|---|

HIGHWAY ROUTE NO. (THIS COUNT) I-59

MILEPOST# OR LOCATION (THIS COUNT) 70.7

BEGINNING DATE 08/12/85 ENDING DATE 08/19/85

BEGINNING TIME 8:40 ENDING TIME 8:40

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

TYPE OF COUNTER SW Leg StreeterAmet NAME/MODEL # 4509  
NE Leg StreeterAmet 6785

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

| ACTUAL COUNTS                                    |                  |
|--|------------------|
| ITEM   | UNITS            |
| 1. TOTAL NO. OF VEHICLES (RAW COUNT)             | <u>141455</u>    |
| 2. ADJUSTMENT FACTORS (FILL IN AS APPLICABLE):   |                  |
| A. ADJUSTMENT TO 24-HOUR COUNT                   | <u>. 143</u>     |
| B. AXLE CORRECTION FACTOR                        | <u>. 730</u>     |
| C. DAY OF WEEK FACTOR                            | <u>. . . . .</u> |
| D. MONTH FACTOR                                  | <u>. 860</u>     |
| E. OTHER FACTOR ( <u>Week to Month</u> )         | <u>. 975</u>     |
| 3. ANNUAL AVERAGE DAILY TRAFFIC (AADT) (TWO-WAY) | <u>12370</u>     |
| 4. DIRECTIONAL DISTRIBUTION FACTOR               | <u>. 500</u>     |
| 5. GPS LANE DISTRIBUTION FACTOR                  | <u>. 850</u>     |
| 6. AADT GPS LANE                                 | <u>5257</u>      |

NOTE: COMPLETE ONE SHEET FOR EACH COUNTING SESSION.

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

|   |   |
|---|---|
| SHEET 4<br>LTPP TRAFFIC DATA<br>TRAFFIC VOLUME COUNTS | *STATE ASSIGNED ID [6 0 1 3]<br>*STATE CODE [0 1]<br>*SHRP SECTION ID [6 0 1 2] |
|---|---|

HIGHWAY ROUTE NO. (THIS COUNT) I-59

MILEPOST# OR LOCATION (THIS COUNT) 70.7

BEGINNING DATE 08/84 ENDING DATE 08/84

BEGINNING TIME \_\_\_\_\_ ENDING TIME \_\_\_\_\_

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

TYPE OF COUNTER \_\_\_\_\_ NAME/MODEL # \_\_\_\_\_

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

| ITEM  | ACTUAL COUNTS | UNITS |
|---|---------------|-------|
| 1. TOTAL NO. OF VEHICLES (RAW COUNT)                | _____         | _____ |
| 2. ADJUSTMENT FACTORS (FILL IN AS APPLICABLE):      |               |       |
| A. ADJUSTMENT TO 24-HOUR COUNT                      | <u>.143</u>   |       |
| B. AXLE CORRECTION FACTOR                           | <u>---</u>    |       |
| C. DAY OF WEEK FACTOR                               | <u>---</u>    |       |
| D. MONTH FACTOR                                     | <u>.865</u>   |       |
| E. OTHER FACTOR ( <u>Week to Month</u> )            | <u>---</u>    |       |
| 3. ANNUAL AVERAGE DAILY TRAFFIC (AADT)<br>(TWO-WAY) | <u>12000</u>  |       |
| 4. DIRECTIONAL DISTRIBUTION FACTOR                  | <u>.500</u>   |       |
| 5. GPS LANE DISTRIBUTION FACTOR                     | <u>.850</u>   |       |
| 6. AADT GPS LANE                                    | <u>5100</u>   |       |

NOTE: COMPLETE ONE SHEET FOR EACH COUNTING SESSION.

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

## SHEET 5

## LTPP TRAFFIC DATA

VEHICLE CLASSIFICATION DATA  
FHWA 13-CLASS SYSTEM

\*STATE ASSIGNED ID [ 6 0 1 3 ]

\*STATE CODE [ 0 1 ]

\*SHRP SECTION ID [ 6 0 1 2 ]

HIGHWAY RT. NO. (THIS COUNT) I-59 MILEPOST# (THIS COUNT) 50.0LOCATION (THIS COUNT) Greene Co. FUNCTIONAL CLASS 01BEGINNING DATE 01/28/87 ENDING DATE 02/17/87BEGINNING TIME 0600 ENDING TIME 0600 DURATION (HRS) 24TYPE 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 9759 # TRUCKS 4555 % TRUCKS 47NO. 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<br>OF VEHICLES<br>TWO-WAY | TOTAL NUMBER<br>OF VEHICLES<br>GPS DIRECTION | TOTAL NUMBER<br>OF VEHICLES<br>GPS LANE |
|---|--|--|---|
| 1. FHWA CLASSES 1-3<br>(Cars, Motorcycles, Vans)        | 5 2 0 4                                | _____  | _____                                   |
| 2. FHWA CLASS 4<br>(Buses)                              | 2 2                                    | _____  | _____                                   |
| 3. FHWA CLASS 5<br>(Two Axle, 6-Tire, SU Truck)         | 3 4 3                                  | _____  | _____                                   |
| 4. FHWA CLASS 6<br>(3 AXLE SU TRUCK)                    | 5 8                                    | _____  | _____                                   |
| 5. FHWA CLASS 7<br>(4 or more Axle SU Truck)            | 0                                      | _____  | _____                                   |
| 6. FHWA CLASS 8<br>(4 or less axle 1-Trlr.Truck)        | 1 4 0                                  | _____  | _____                                   |
| 7. FHWA CLASS 9<br>(5 Axle, 1-Trlr.Truck)               | 3 7 5 6                                | _____  | _____                                   |
| 8. FHWA CLASS 10<br>(5 or more Axle, 1-Trlr.Truck)      | 1 0                                    | _____  | _____                                   |
| 9. FHWA CLASS 11<br>(5 or less Axle, Multi-Trlr.Truck)  | 2 0 1 1                                | _____  | _____                                   |
| 10. FHWA CLASS 12<br>(6 Axle, Multi-Trlr.Truck)         | - 2 3                                  | _____  | _____                                   |
| 11. FHWA CLASS 13<br>(7 or more Axle, Multi-Trlr.Truck) | 2                                      | _____  | _____                                   |
| 12. OTHER VEHICLES                                      | _____                                  | _____  | _____                                   |
| GRAND TOTAL   | 9 7 5 9                                | _____  | _____                                   |

NAME OF PREPARER Robert J. Taylor PHONE # 242-6395DATE PREPARED 2-15-91

|   |  |
|---|--|
| <b>SHEET 5</b><br><br><b>LTPP TRAFFIC DATA</b><br><br><b>VEHICLE CLASSIFICATION DATA</b><br><b>FHWA 13-CLASS SYSTEM</b> | *STATE ASSIGNED ID [ <u>6 0 1 3</u> ]<br><br>*STATE CODE [ <u>0 1</u> ]<br><br>*SHRP SECTION ID [ <u>6 0 1 2</u> ] |
|---|--|

HIGHWAY RT. NO. (THIS COUNT) I-59 MILEPOST# (THIS COUNT) 50.0

LOCATION (THIS COUNT) Greene Co. FUNCTIONAL CLASS 01  
 BEGINNING DATE 09/12/85 ENDING DATE 09/25/85  
 BEGINNING TIME 0600 ENDING TIME 0600 DURATION (HRS) 24

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 10022 # TRUCKS 4381 % TRUCKS 43.7

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

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