

6/28

|   |   |
|---|---|
| <b>SHEET 1</b><br><b>LTPP TRAFFIC DATA</b><br><b>SUMMARY TRANSMITTAL FORM</b> | *STATE ASSIGNED ID <u>110341</u><br>*STATE CODE <u>1251</u><br>*SHRP SECTION ID <u>110041</u> |
|---|---|

STATE OR PROVINCE Massachusetts COUNTY Bristol  
HIGHWAY ROUTE NO. I-195 MILEPOST# 26.20  
NEAREST CITY/TOWN Fairhaven NEAREST INTERSECTION west of Rt. 240  
FUNCTIONAL CLASS 11 NO. LANES EACH DIRECTION 2 TOTAL NO. LANES 4  
DIRECTION OF TRAVEL GPS LANE west DATE OPENED TO TRAF. 07-74  
FIPS COUNTY CODE 005 FHWA STATION IDENTIFICATION NO. \_\_\_\_\_  
HPMS SAMPLE NO. 094034201600 HPMS SUBDIVISION NO. 0  
TYPE OF PAVEMENT: AC X PCC \_\_\_\_\_ OTHER \_\_\_\_\_  
CONTROL OF ACCESS: YES X NO \_\_\_\_\_ MEDIAN: YES X NO \_\_\_\_\_  
CURRENT SURROUNDING DEVELOPMENT:  
URBAN \_\_\_\_\_ SUBURBAN X RURAL \_\_\_\_\_  
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>M. Turo</u> | PHONE # <u>617-973-7266</u> |
| DATE PREPARED <u>9/5/90</u>     |                             |

|   |   |
|---|---|
| <b>SHEET 1</b><br><b>LTPP TRAFFIC DATA</b><br><b>SUMMARY TRANSMITTAL FORM</b> | *STATE ASSIGNED ID <u>[1034]</u><br>*STATE CODE <u>[25]</u><br>*SHRP SECTION ID <u>[1004]</u> |
|---|---|

STATE OR PROVINCE Massachusetts COUNTY Bristol  
 HIGHWAY ROUTE NO. I-195 MILEPOST# 26.20  
 NEAREST CITY/TOWN Fairhaven NEAREST INTERSECTION west of Rt. 240  
 FUNCTIONAL CLASS 11 NO. LANES EACH DIRECTION 2 TOTAL NO. LANES 4  
 DIRECTION OF TRAVEL GPS LANE west DATE OPENED TO TRAF. 07-24  
 FIPS COUNTY CODE 005 FHWA STATION IDENTIFICATION NO. \_\_\_\_\_  
 HPMS SAMPLE NO. 094034201600 HPMS SUBDIVISION NO. 0  
 TYPE OF PAVEMENT: AC X PCC \_\_\_\_\_ OTHER \_\_\_\_\_  
 CONTROL OF ACCESS: YES X NO \_\_\_\_\_ MEDIAN: YES X NO \_\_\_\_\_  
 CURRENT SURROUNDING DEVELOPMENT:  
 URBAN \_\_\_\_\_ SUBURBAN X RURAL \_\_\_\_\_  
 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>M. Turo</u><br>DATE PREPARED <u>9/5/90</u> | PHONE # <u>617-973-7266</u> |
|--|-----------------------------|

|   |                           |
|---|---------------------------|
| <p align="center"><b>SHEET 2</b></p> <p align="center"><b>LTPP TRAFFIC DATA</b></p> <p align="center"><b>TRAFFIC VOLUMES<br/>AND LOAD ESTIMATES</b></p> | *STATE ASSIGNED ID (1034) |
|   | *STATE CODE (25)          |
|   | *SHRP SECTION ID (1004)   |

| YEAR | 1.<br>ESTIMATED<br>TOTAL VEHICLES<br>AADT<br>(TWO-WAY) | 2.<br>ESTIMATED<br>TOTAL TRUCK<br>AADT<br>(TWO-WAY)<br>4 % | 3.<br>ESTIMATED<br>TOTAL VEHICLES<br>AADT<br>GPS LANE<br>34 % | 4.<br>ESTIMATED<br>TOTAL TRUCKS<br>AADT<br>GPS LANE<br>7 % | 5.<br>ESTIMATED<br>ESAL'S / YR<br>GPS LANE<br>(1000's) |
|------|--|--|---|--|--|
| 1989 | 36850  | 1470   | 12530   | 280  | 321  |
| 1988 | 37638  | 1510   | 12790   | 895  | 326  |
| 1987 | 38425  | 1540   | 13060   | 910  | 332  |
| 1986 | 26160  | 1050   | 8890  | 620  | 226  |
| 1985 | 20450  | 820  | 6950  | 490  | 178  |
| 1984 | 24290  | 970  | 8260  | 580  | 211  |
| 1983 | 22900  | 920  | 7790  | 550  | 200  |
| 1982 | 21085  | 840  | 7170  | 500  | 182  |
| 1981 | 19270  | 770  | 6550  | 460  | 168  |
| 1980 | 17520  | 700  | 5960  | 420  | 153  |
| 1979 | 15930  | 640  | 5420  | 380  | 138  |
| 1978 | 14480  | 580  | 4920  | 340  | 124  |
| 1977 | 13160  | 530  | 4470  | 310  | 113  |
| 1976 | 11970  | 480  | 4070  | 280  | 102  |
| 1975 | 10880  | 440  | 3700  | 260  | 95   |
| 1974 | 9840   | 400  | 3360  | 240  | 88   |
| 1973 |  |  |   |  |  |
| 1972 |  |  |   |  |  |
| 1971 |  |  |   |  |  |
| 1970 |  |  |   |  |  |
| 1969 |  |  |   |  |  |
| 1968 |  |  |   |  |  |
| 1967 |  |  |   |  |  |
| 1966 |  |  |   |  |  |
| 1965 |  |  |   |  |  |

INTERVAL  
9% 82/37

|                        |               |
|------------------------|---------------|
| NAME OF PREPARER _____ | PHONE # _____ |
| DATE PREPARED _____    |               |

|   |  |
|---|--|
| <b>SHEET 2</b><br><b>LTPP TRAFFIC DATA</b><br><b>TRAFFIC VOLUMES</b><br><b>AND LOAD ESTIMATES</b> | *STATE ASSIGNED ID [1034]<br>*STATE CODE [25]<br>*SHRP SECTION ID [1004] |
|---|--|

| YEAR | 1.<br>ESTIMATED<br>TOTAL VEHICLES<br>AADT<br>(TWO-WAY) | 2.<br>ESTIMATED<br>TOTAL TRUCK<br>AADT<br>(TWO-WAY)<br>4% | 3.<br>ESTIMATED<br>TOTAL VEHICLES<br>AADT<br>GPS LANE<br>34% | 4.<br>ESTIMATED<br>TOTAL TRUCKS<br>AADT<br>GPS LANE<br>7% | 5.<br>ESTIMATED<br>ESAL'S / YR<br>GPS LANE<br>(1000's) |
|------|--|---|--|---|--|
| 1989 | 36850  | 1470  | 12530  | 880   | 880  |
| 1988 | 50700  | 2030  | 17240  | 1210  | 1210   |
| 1987 | 38425  | 1540  | 13060  | 910   | 910  |
| 1986 | 26160  | 1050  | 8890   | 620   | 620  |
| 1985 | 20450  | 820   | 6950   | 490   | 490  |
| 1984 | 24290  | 970   | 8260   | 580   | 580  |
| 1983 | 22900  | 920   | 7790   | 550   | 550  |
| 1982 | 21085  | 840   | 7170   | 500   | 500  |
| 1981 | 19270  | 770   | 6550   | 460   | 460  |
| 1980 | 17520  | 700   | 5960   | 420   | 420  |
| 1979 | 15930  | 640   | 5420   | 380   | 380  |
| 1978 | 14480  | 580   | 4920   | 340   | 340  |
| 1977 | 13160  | 530   | 4470   | 310   | 310  |
| 1976 | 11970  | 480   | 4070   | 280   | 280  |
| 1975 | 10880  | 440   | 3700   | 260   | 260  |
| 1974 | 9890   | 400   | 3360   | 240   | 240  |
| 1973 |  |   |  |   |  |
| 1972 |  |   |  |   |  |
| 1971 |  |   |  |   |  |
| 1970 |  |   |  |   |  |
| 1969 |  |   |  |   |  |
| 1968 |  |   |  |   |  |
| 1967 |  |   |  |   |  |
| 1966 |  |   |  |   |  |
| 1965 |  |   |  |   |  |

|                        |               |
|------------------------|---------------|
| NAME OF PREPARER _____ | PHONE # _____ |
| DATE PREPARED _____    |               |



Sheet 2 Column 4 Estimated Total Trucks AADT GPS Lane

1989 thru 1974 Used Sustim Averages from counts taken in 1990 along I-195, but not at the exact location of GPS site

GPS Lane = Travel Lane westbound

| Sta#  | classes<br>4-13 | PH<br> <br>classes<br>1-13 |  | classes<br>4-13 | OPH<br> <br>classes<br>1-13 |
|-------|-----------------|----------------------------|--|-----------------|-----------------------------|
| 0601  | 31              | 660                        |  | 519             | 7750                        |
| 6105  | 24              | 517                        |  | 675             | 7668                        |
| 6383  | 50              | 1320                       |  | 833             | 15031                       |
| Total | 105             | 2497                       |  | 2047            | 30449                       |

% PH

4%

% OPH

7%

Use 7%

$$\text{Column 4} = \text{Column 3} * 0.07$$

Sheet 2 Column 5 Estimated ESALS/YEAR GPS Lane (1000's)

1989 thru 1974

Equivalent 18\* axle applications per 1000 trucks, Flexible Pavement

Freeways/Expressways - 1000

$$\frac{1000}{1000} = 1 * \text{Column 4}$$

↳ estimated total trucks AADT GPS Lane

→ taken from table 11.1 p. 11-3 Pavement Design Chapter

Highway Design Manual MDPW July 1989

See attached pages

$$\text{Column 5} = \text{Column 4} * 1$$

## SHEET 3

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

\*STATE ASSIGNED ID (1034)

\*STATE CODE (25)

\*SHRP SECTION ID (1004)

1. Year Applicable 1980, 1979, 1978, 1977, 1976  
1975, 1974

## 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: Reverse growth Factor  
From 1981

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

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

- ☐ Based on actual lane count data.  
☒ System distribution factors.  
☐ Other: \_\_\_\_\_

## 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: Used Factor Found in Highway  
Design Manual (11-3)

## (B) Weight Scale Type

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

NAME OF PREPARER \_\_\_\_\_ PHONE # \_\_\_\_\_

DATE PREPARED \_\_\_\_\_

## SHEET 3

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

\*STATE ASSIGNED ID [1034]

\*STATE CODE [25]

\*SHRP SECTION ID [1004]

 1. Year Applicable 1980, 1979, 1978, 1977, 1976,  
1975, 1974

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

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

- ☐ Based on actual lane count data.  
☒ System distribution factors.  
☐ Other: \_\_\_\_\_

## 6. METHOD FOR ESTIMATING ESAL/VEHICLE

- ☐ ESAL/Truck.  
☐ ESAL/Vehicle class. (no. of classes) \_\_\_\_\_  
☒ Other: Used factor found in Highway  
Design Manual p.11-3

## 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: Used factor found in Highway  
Design Manual p.11-3

## (B) Weight Scale Type

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

NAME OF PREPARER \_\_\_\_\_ PHONE # \_\_\_\_\_

DATE PREPARED \_\_\_\_\_



## SHEET 3

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

\*STATE ASSIGNED ID (1034)

\*STATE CODE (25)

\*SHRP SECTION ID (1004)

1. Year Applicable 1981, 1983, 1984, 1985, 1986,  
1988, 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: \_\_\_\_\_

## 4. METHOD FOR ESTIMATING AADT BY GPS LANE

- ☐ Based on actual lane count data.
- ☒ System distribution factors.
- ☐ Other: \_\_\_\_\_

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

- ☐ Based on actual lane count data.
- ☒ System distribution factors.
- ☐ Other: \_\_\_\_\_

## 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: Used Factor found in HIGHWAY  
DESIGN MANUAL (11-3)

## (B) Weight Scale Type

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

NAME OF PREPARER \_\_\_\_\_ PHONE # \_\_\_\_\_

DATE PREPARED \_\_\_\_\_

# SHEET 3

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

\*STATE ASSIGNED ID [1034]

\*STATE CODE [25]

\*SHRP SECTION ID [1004]

1. Year Applicable 1981, 1983, 1984, 1985, 1986,  
1988, 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: \_\_\_\_\_

### 4. METHOD FOR ESTIMATING AADT BY GPS LANE

- ☐ Based on actual lane count data.
- ☒ System distribution factors.
- ☐ Other: \_\_\_\_\_

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

- ☐ Based on actual lane count data.
- ☒ System distribution factors.
- ☐ Other: \_\_\_\_\_

### 6. METHOD FOR ESTIMATING ESAL/VEHICLE

- ☐ ESAL/Truck.
- ☐ ESAL/Vehicle class. (no. of classes) \_\_\_\_\_
- ☒ Other: Used factor found in Highway Design Manual p. 11-3

### 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: Used factor found in Highway Design Manual p. 11-3

#### (B) Weight Scale Type

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

NAME OF PREPARER \_\_\_\_\_ PHONE # \_\_\_\_\_

DATE PREPARED \_\_\_\_\_

**SHEET 3**

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

\*STATE ASSIGNED ID [1034]

\*STATE CODE [25]

\*SHRP SECTION ID [1004]

1. Year Applicable 1981, 83, 85, 86, 88, 89

**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: I.C.E.  
Interstate Cost Est. (I.C.E.)

**4. METHOD FOR ESTIMATING AADT BY GPS LANE**

- ☐ Based on actual lane count data.
- ☒ System distribution factors.
- ☐ Other: \_\_\_\_\_

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

- ☐ Based on actual lane count data.
- ☐ System distribution factors.
- ☐ Other: \_\_\_\_\_

**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 \_\_\_\_\_ PHONE # \_\_\_\_\_  
DATE PREPARED \_\_\_\_\_

## SHEET 3

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

\*STATE ASSIGNED ID (1034)

\*STATE CODE (25)

\*SHRP SECTION ID (1004)

1. Year Applicable 1982, 1987, 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: Pro-rated differences between available counts.

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

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

- ☐ Based on actual lane count data.  
☒ System distribution factors.  
☐ Other: \_\_\_\_\_

## 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: Used Factor Found in Highway DESIGN MANUAL (11-3)

## (B) Weight Scale Type

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

NAME OF PREPARER \_\_\_\_\_

PHONE # \_\_\_\_\_

DATE PREPARED \_\_\_\_\_

**SHEET 3**

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

\*STATE ASSIGNED ID [ 1 0 3 4 ]

\*STATE CODE [ 2 5 ]

\*SHRP SECTION ID [ 1 0 0 4 ]

1. Year Applicable 1982, 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: Projected differences between available counts

**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: \_\_\_\_\_

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

- ☐ Based on actual lane count data.
- ☒ System distribution factors.
- ☐ Other: \_\_\_\_\_

**6. METHOD FOR ESTIMATING ESAL/VEHICLE**

- ☐ ESAL/Truck.
- ☐ ESAL/Vehicle class. (no. of classes) \_\_\_\_\_
- ☒ Other: Used factor found in Highway Design Manual p 11-3

**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: Used Factor found in Highway Design Manual p 11-3

**(B) Weight Scale Type**

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

NAME OF PREPARER \_\_\_\_\_ PHONE # \_\_\_\_\_

DATE PREPARED \_\_\_\_\_

## SHEET 3

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

\*STATE ASSIGNED ID [1034]

\*STATE CODE [25]

\*SHRP SECTION ID [1004]

1. Year Applicable 1982, 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: Pro-rated differences between Available counts

## 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: J.C.E.

## 4. METHOD FOR ESTIMATING AADT BY GPS LANE

- ☐ Based on actual lane count data.  
☒ System distribution factors.  
☐ Other: \_\_\_\_\_

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

- ☐ Based on actual lane count data.  
☐ System distribution factors.  
☐ Other: \_\_\_\_\_

## 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 \_\_\_\_\_ PHONE # \_\_\_\_\_  
DATE PREPARED \_\_\_\_\_



|  |   |
|--|---|
| <b>SHEET 4</b><br><b>LTPP TRAFFIC DATA</b><br><b>TRAFFIC VOLUME COUNTS</b> | *STATE ASSIGNED ID <u>(1034)</u><br>*STATE CODE <u>(25)</u><br>*SHRP SECTION ID <u>(1004)</u> |
|--|---|

HIGHWAY ROUTE NO. (THIS COUNT) I-4. 195  
 MILEPOST# OR LOCATION (THIS COUNT) West of ST 240  
 BEGINNING DATE 03-23-81 ENDING DATE 03-24-81  
 BEGINNING TIME 1300 ENDING TIME 1300  
 COUNT DURATION 24 [X] HOURS [ ] 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)                |               | <u>16906</u> |
| 2. ADJUSTMENT FACTORS (FILL IN AS APPLICABLE):      |               |              |
| A. ADJUSTMENT TO 24-HOUR COUNT                      |               | <u>----</u>  |
| B. AXLE CORRECTION FACTOR                           |               | <u>----</u>  |
| C. DAY OF WEEK FACTOR                               |               | <u>----</u>  |
| D. MONTH FACTOR                                     |               | <u>1.14</u>  |
| E. OTHER FACTOR (_____)                             |               | <u>----</u>  |
| 3. ANNUAL AVERAGE DAILY TRAFFIC (AADT)<br>(TWO-WAY) |               | <u>19270</u> |
| 4. DIRECTIONAL DISTRIBUTION FACTOR                  |               | <u>0.51</u>  |
| 5. GPS LANE DISTRIBUTION FACTOR                     |               | <u>0.674</u> |
| 6. AADT GPS LANE                                    |               | <u>6620</u>  |

NOTE: COMPLETE ONE SHEET FOR EACH COUNTING SESSION.

|                        |               |
|------------------------|---------------|
| NAME OF PREPARER _____ | PHONE # _____ |
| DATE PREPARED _____    |               |



|  |   |
|--|---|
| <b>SHEET 4</b><br><br><b>LTPP TRAFFIC DATA</b><br><br><b>TRAFFIC VOLUME COUNTS</b> | *STATE ASSIGNED ID [ <u>1034</u> ]<br>*STATE CODE [ <u>25</u> ]<br>*SHRP SECTION ID [ <u>1004</u> ] |
|--|---|

HIGHWAY ROUTE NO. (THIS COUNT) I.H. 175  
 MILEPOST# OR LOCATION (THIS COUNT) West of ST 240  
 BEGINNING DATE 08-22-83 ENDING DATE 08-24-83  
 BEGINNING TIME 1200 ENDING TIME 1200  
 COUNT DURATION 48 [X] HOURS [ ] DAYS [ ] MONTHS  
 TYPE OF COUNTER Streeter Amet NAME/MODEL # MR Traffic Counter  
 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)                | 61029                |              |
| 2. ADJUSTMENT FACTORS (FILL IN AS APPLICABLE):      |                      |              |
| A. ADJUSTMENT TO 24-HOUR COUNT                      | 0.50                 |              |
| B. AXLE CORRECTION FACTOR                           | ----                 |              |
| C. DAY OF WEEK FACTOR                               | ----                 |              |
| D. MONTH FACTOR                                     | 0.75                 |              |
| E. OTHER FACTOR ( )                                 | ----                 |              |
| 3. ANNUAL AVERAGE DAILY TRAFFIC (AADT)<br>(TWO-WAY) | 22900                |              |
| 4. DIRECTIONAL DISTRIBUTION FACTOR                  | 0.50                 |              |
| 5. GPS LANE DISTRIBUTION FACTOR                     | 0.68                 |              |
| 6. AADT GPS LANE                                    | 7790                 |              |

NOTE: COMPLETE ONE SHEET FOR EACH COUNTING SESSION.

|                        |               |
|------------------------|---------------|
| NAME OF PREPARER _____ | PHONE # _____ |
| DATE PREPARED _____    |               |

|  |                           |
|--|---------------------------|
| <b>SHEET 4</b><br><b>LTPP TRAFFIC DATA</b><br><b>TRAFFIC VOLUME COUNTS</b> | *STATE ASSIGNED ID [1034] |
|  | *STATE CODE [25]          |
|  | *SHRP SECTION ID [1004]   |

HIGHWAY ROUTE NO. (THIS COUNT) I.H. 195

MILEPOST# OR LOCATION (THIS COUNT) West of ST 240

BEGINNING DATE 08-22-83 ENDING DATE 08-24-83

BEGINNING TIME 1200 ENDING TIME 1200

COUNT DURATION 48 [X] HOURS [ ] DAYS [ ] MONTHS

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

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

|   | <u>ACTUAL COUNTS</u> | <u>UNITS</u> |
|---|----------------------|--------------|
| 1. TOTAL NO. OF VEHICLES (RAW COUNT)                |                      | <u>61029</u> |
| 2. ADJUSTMENT FACTORS (FILL IN AS APPLICABLE):      |                      |              |
| A. ADJUSTMENT TO 24-HOUR COUNT                      |                      | <u>0.50</u>  |
| B. AXLE CORRECTION FACTOR                           |                      | <u>----</u>  |
| C. DAY OF WEEK FACTOR                               |                      | <u>----</u>  |
| D. MONTH FACTOR                                     |                      | <u>0.75</u>  |
| E. OTHER FACTOR ( _____ )                           |                      | <u>----</u>  |
| 3. ANNUAL AVERAGE DAILY TRAFFIC (AADT)<br>(TWO-WAY) |                      | <u>22900</u> |
| 4. DIRECTIONAL DISTRIBUTION FACTOR                  |                      | <u>0.51</u>  |
| 5. GPS LANE DISTRIBUTION FACTOR                     |                      | <u>0.674</u> |
| 6. AADT GPS LANE                                    |                      | <u>7870</u>  |

NOTE: COMPLETE ONE SHEET FOR EACH COUNTING SESSION.

|                        |               |
|------------------------|---------------|
| NAME OF PREPARER _____ | PHONE # _____ |
| DATE PREPARED _____    |               |

|  |  |
|--|--|
| <b>SHEET 4</b><br><b>LTPP TRAFFIC DATA</b><br><b>TRAFFIC VOLUME COUNTS</b> | *STATE ASSIGNED ID (1034)<br>*STATE CODE (25)<br>*SHRP SECTION ID (1004) |
|--|--|

HIGHWAY ROUTE NO. (THIS COUNT) I.H. 195

MILEPOST# OR LOCATION (THIS COUNT) West of 240

BEGINNING DATE 11-07-84 ENDING DATE 11-09-84

BEGINNING TIME 1100 ENDING TIME 1100

COUNT DURATION 48 ☒ HOURS ☐ DAYS ☐ MONTHS

TYPE OF COUNTER Streeter Amet NAME/MODEL # MR Traffic Counter

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

| ITEM  | ACTUAL COUNTS | UNITS |
|---|---------------|-------|
| 1. TOTAL NO. OF VEHICLES (RAW COUNT)                | <u>52228</u>  |       |
| 2. ADJUSTMENT FACTORS (FILL IN AS APPLICABLE):      |               |       |
| A. ADJUSTMENT TO 24-HOUR COUNT                      | <u>0.50</u>   |       |
| B. AXLE CORRECTION FACTOR                           | <u>0.93</u>   |       |
| C. DAY OF WEEK FACTOR                               | <u>---</u>    |       |
| D. MONTH FACTOR                                     | <u>1.00</u>   |       |
| E. OTHER FACTOR (_____)                             | <u>---</u>    |       |
| 3. ANNUAL AVERAGE DAILY TRAFFIC (AADT)<br>(TWO-WAY) | <u>24290</u>  |       |
| 4. DIRECTIONAL DISTRIBUTION FACTOR                  | <u>0.50</u>   |       |
| 5. GPS LANE DISTRIBUTION FACTOR                     | <u>0.68</u>   |       |
| 6. AADT GPS LANE                                    | <u>8260</u>   |       |

NOTE: COMPLETE ONE SHEET FOR EACH COUNTING SESSION.

|                        |               |
|------------------------|---------------|
| NAME OF PREPARER _____ | PHONE # _____ |
| DATE PREPARED _____    |               |

|  |   |
|--|---|
| <b>SHEET 4</b><br><b>LTPP TRAFFIC DATA</b><br><b>TRAFFIC VOLUME COUNTS</b> | *STATE ASSIGNED ID ( <u>1034</u> )<br>*STATE CODE ( <u>25</u> )<br>*SHRP SECTION ID ( <u>1004</u> ) |
|--|---|

HIGHWAY ROUTE NO. (THIS COUNT) I. H. 195  
 MILEPOST# OR LOCATION (THIS COUNT) West of 240  
 BEGINNING DATE 11-7-84 ENDING DATE 11-9-84  
 BEGINNING TIME 1100 ENDING TIME 1100  
 COUNT DURATION 48 [ ☒ ] HOURS [ ] DAYS [ ] MONTHS  
 TYPE OF COUNTER \_\_\_\_\_ NAME/MODEL # \_\_\_\_\_  
 TYPE OF COUNT: TWO-WAY ☒ ONE DIRECTION ONLY \_\_\_\_\_ GPS TEST LANE ONLY \_\_\_\_\_

|   | <u>ACTUAL COUNTS</u> |              |
|---|----------------------|--------------|
| <u>ITEM</u>   |                      | <u>UNITS</u> |
| 1. TOTAL NO. OF VEHICLES (RAW COUNT)                |                      | <u>52228</u> |
| 2. ADJUSTMENT FACTORS (FILL IN AS APPLICABLE):      |                      |              |
| A. ADJUSTMENT TO 24-HOUR COUNT                      |                      | <u>0.50</u>  |
| B. AXLE CORRECTION FACTOR                           |                      | <u>0.93</u>  |
| C. DAY OF WEEK FACTOR                               |                      | <u>----</u>  |
| D. MONTH FACTOR                                     |                      | <u>1.00</u>  |
| E. OTHER FACTOR ( _____ )                           |                      | <u>----</u>  |
| 3. ANNUAL AVERAGE DAILY TRAFFIC (AADT)<br>(TWO-WAY) |                      | <u>24290</u> |
| 4. DIRECTIONAL DISTRIBUTION FACTOR                  |                      | <u>0.52</u>  |
| 5. GPS LANE DISTRIBUTION FACTOR                     |                      | <u>0.674</u> |
| 6. AADT GPS LANE                                    |                      | <u>8510</u>  |

NOTE: COMPLETE ONE SHEET FOR EACH COUNTING SESSION.

|                        |               |
|------------------------|---------------|
| NAME OF PREPARER _____ | PHONE # _____ |
| DATE PREPARED _____    |               |



|  |   |
|--|---|
| <b>SHEET 4</b><br><b>LTPP TRAFFIC DATA</b><br><b>TRAFFIC VOLUME COUNTS</b> | *STATE ASSIGNED ID ( <u>1034</u> )<br>*STATE CODE ( <u>25</u> )<br>*SHRP SECTION ID ( <u>1004</u> ) |
|--|---|

HIGHWAY ROUTE NO. (THIS COUNT) I.H. 195

MILEPOST# OR LOCATION (THIS COUNT) West of ST 240

BEGINNING DATE 05-7-85 ENDING DATE 05-9-85

BEGINNING TIME 1100 ENDING TIME 1100

COUNT DURATION 48 [ ☒ ] HOURS [ ] DAYS [ ] MONTHS

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

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

|   | <u>ACTUAL COUNTS</u> |              |
|---|----------------------|--------------|
| <u>ITEM</u>   |                      | <u>UNITS</u> |
| 1. TOTAL NO. OF VEHICLES (RAW COUNT)                |                      | <u>49427</u> |
| 2. ADJUSTMENT FACTORS (FILL IN AS APPLICABLE):      |                      |              |
| A. ADJUSTMENT TO 24-HOUR COUNT                      |                      | <u>0.50</u>  |
| B. AXLE CORRECTION FACTOR                           |                      | <u>0.93</u>  |
| C. DAY OF WEEK FACTOR                               |                      | <u>----</u>  |
| D. MONTH FACTOR                                     |                      | <u>0.89</u>  |
| E. OTHER FACTOR ( _____ )                           |                      | <u>----</u>  |
| 3. ANNUAL AVERAGE DAILY TRAFFIC (AADT)<br>(TWO-WAY) |                      | <u>20450</u> |
| 4. DIRECTIONAL DISTRIBUTION FACTOR                  |                      | <u>0.47</u>  |
| 5. GPS LANE DISTRIBUTION FACTOR                     |                      | <u>0.674</u> |
| 6. AADT GPS LANE                                    |                      | <u>6480</u>  |

NOTE: COMPLETE ONE SHEET FOR EACH COUNTING SESSION.

|                        |               |
|------------------------|---------------|
| NAME OF PREPARER _____ | PHONE # _____ |
| DATE PREPARED _____    |               |



|  |                                    |
|--|------------------------------------|
| <b>SHEET 4</b><br><b>LTPP TRAFFIC DATA</b><br><b>TRAFFIC VOLUME COUNTS</b> | *STATE ASSIGNED ID [ <u>1034</u> ] |
|  | *STATE CODE [ <u>25</u> ]          |
|  | *SHRP SECTION ID [ <u>1004</u> ]   |

HIGHWAY ROUTE NO. (THIS COUNT) I.H. 195

MILEPOST# OR LOCATION (THIS COUNT) West of ST. 240

BEGINNING DATE 09-23-86 ENDING DATE 09-25-86

BEGINNING TIME 1200 ENDING TIME 1200

COUNT DURATION 48 [ ☒ ] HOURS [ ] DAYS [ ] MONTHS

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

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

|   | <u>ACTUAL COUNTS</u> | <u>UNITS</u> |
|---|----------------------|--------------|
| 1. TOTAL NO. OF VEHICLES (RAW COUNT)                |                      | <u>64309</u> |
| 2. ADJUSTMENT FACTORS (FILL IN AS APPLICABLE):      |                      |              |
| A. ADJUSTMENT TO 24-HOUR COUNT                      |                      | <u>0.50</u>  |
| B. AXLE CORRECTION FACTOR                           |                      | <u>0.88</u>  |
| C. DAY OF WEEK FACTOR                               |                      | <u>----</u>  |
| D. MONTH FACTOR                                     |                      | <u>0.925</u> |
| E. OTHER FACTOR ( _____ )                           |                      | <u>----</u>  |
| 3. ANNUAL AVERAGE DAILY TRAFFIC (AADT)<br>(TWO-WAY) |                      | <u>26150</u> |
| 4. DIRECTIONAL DISTRIBUTION FACTOR                  |                      | <u>0.50</u>  |
| 5. GPS LANE DISTRIBUTION FACTOR                     |                      | <u>0.674</u> |
| 6. AADT GPS LANE                                    |                      | <u>8810</u>  |

NOTE: COMPLETE ONE SHEET FOR EACH COUNTING SESSION.

|                        |               |
|------------------------|---------------|
| NAME OF PREPARER _____ | PHONE # _____ |
| DATE PREPARED _____    |               |



|  |   |
|--|---|
| <b>SHEET 4</b><br><b>LTPP TRAFFIC DATA</b><br><b>TRAFFIC VOLUME COUNTS</b> | *STATE ASSIGNED ID [ <u>1034</u> ]<br>*STATE CODE [ <u>25</u> ]<br>*SHRP SECTION ID [ <u>1004</u> ] |
|--|---|

HIGHWAY ROUTE NO. (THIS COUNT) I.H 195

MILEPOST# OR LOCATION (THIS COUNT) West of ST 240

BEGINNING DATE 08-08-88 ENDING DATE 08-11-88

BEGINNING TIME 0800 ENDING TIME 1200

COUNT DURATION 76 [X] HOURS [ ] DAYS [ ] MONTHS

TYPE OF COUNTER Streeter NAME/MODEL # 241

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

| ITEM  | ACTUAL COUNTS | UNITS          |
|---|---------------|----------------|
| 1. TOTAL NO. OF VEHICLES (RAW COUNT)                | <u>103831</u> | <u>WB only</u> |
| 2. ADJUSTMENT FACTORS (FILL IN AS APPLICABLE):      |               |                |
| A. ADJUSTMENT TO 24-HOUR COUNT                      | <u>0.316</u>  |                |
| B. AXLE CORRECTION FACTOR                           | <u>0.93</u>   |                |
| C. DAY OF WEEK FACTOR                               | <u>  </u>     |                |
| D. MONTH FACTOR                                     | <u>0.85</u>   |                |
| E. OTHER FACTOR ( <u>for total # vehicles EB</u> )  | <u>1.955</u>  |                |
| 3. ANNUAL AVERAGE DAILY TRAFFIC (AADT)<br>(TWO-WAY) | <u>50700</u>  |                |
| 4. DIRECTIONAL DISTRIBUTION FACTOR                  | <u>0.50</u>   |                |
| 5. GPS LANE DISTRIBUTION FACTOR                     | <u>0.68</u>   |                |
| 6. AADT GPS LANE                                    | <u>17240</u>  |                |

NOTE: COMPLETE ONE SHEET FOR EACH COUNTING SESSION.

|                        |               |
|------------------------|---------------|
| NAME OF PREPARER _____ | PHONE # _____ |
| DATE PREPARED _____    |               |



|  |   |
|--|---|
| <b>SHEET 4</b><br><b>LTPP TRAFFIC DATA</b><br><b>TRAFFIC VOLUME COUNTS</b> | *STATE ASSIGNED ID [ <u>1034</u> ]<br>*STATE CODE [ <u>25</u> ]<br>*SHRP SECTION ID [ <u>1004</u> ] |
|--|---|

HIGHWAY ROUTE NO. (THIS COUNT) I. H. 195  
 MILEPOST# OR LOCATION (THIS COUNT) West of ST 240  
 BEGINNING DATE 04-11-89 ENDING DATE 04-13-90  
 BEGINNING TIME 1100 ENDING TIME 1100  
 COUNT DURATION 48 [ ☒ ] HOURS [ ] DAYS [ ] MONTHS  
 TYPE OF COUNTER Streeter NAME/MODEL # 241  
 TYPE OF COUNT: TWO-WAY ☒ ONE DIRECTION ONLY ☐ GPS TEST LANE ONLY ☐

| <b>ACTUAL COUNTS</b>                                |              |
|---|--------------|
| <b>ITEM</b>   | <b>UNITS</b> |
| 1. TOTAL NO. OF VEHICLES (RAW COUNT)                | <u>83409</u> |
| 2. ADJUSTMENT FACTORS (FILL IN AS APPLICABLE):      |              |
| A. ADJUSTMENT TO 24-HOUR COUNT                      | <u>0.50</u>  |
| B. AXLE CORRECTION FACTOR                           | <u>0.94</u>  |
| C. DAY OF WEEK FACTOR                               | <u>----</u>  |
| D. MONTH FACTOR                                     | <u>0.94</u>  |
| E. OTHER FACTOR ( _____ )                           | <u>----</u>  |
| 3. ANNUAL AVERAGE DAILY TRAFFIC (AADT)<br>(TWO-WAY) | <u>36850</u> |
| 4. DIRECTIONAL DISTRIBUTION FACTOR                  | <u>0.48</u>  |
| 5. GPS LANE DISTRIBUTION FACTOR                     | <u>0.674</u> |
| 6. AADT GPS LANE                                    | <u>11920</u> |

NOTE: COMPLETE ONE SHEET FOR EACH COUNTING SESSION.

|                        |               |
|------------------------|---------------|
| NAME OF PREPARER _____ | PHONE # _____ |
| DATE PREPARED _____    |               |



|   |   |
|---|---|
| <b>SHEET 5</b><br><b>LTPP TRAFFIC DATA</b><br><b>VEHICLE CLASSIFICATION DATA</b><br><b>FHWA 13-CLASS SYSTEM</b> | *STATE ASSIGNED ID [ <u>1034</u> ]<br>*STATE CODE [ <u>25</u> ]<br>*SHRP SECTION ID [ <u>1004</u> ] |
|---|---|

HIGHWAY RT. NO. (THIS COUNT) I-195 MILEPOST# (THIS COUNT) 21.30  
 City/Town - Dartmouth  
 LOCATION (THIS COUNT) West of Hixville Rd FUNCTIONAL CLASS 11  
 BEGINNING DATE 8-15-90 ENDING DATE 8-15-90  
 BEGINNING TIME 0100 ENDING TIME 2400 DURATION (HRS) 24

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

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

EQUIPMENT NAME / MODEL # Streeter #241

TOTAL NO. OF VEHICLES CLASSIFIED 49457 # TRUCKS 1853 % TRUCKS 4

NO. OF TRUCKS IN GPS LANE 550 % OF TRUCKS IN GPS LANE 7

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>47624</u>                           | <u>23814</u>                                 | <u>7860</u>                             |
| 2. FHWA CLASS 4<br>(Buses)                              | <u>101</u>                             | <u>85</u>                                    | <u>44</u>                               |
| 3. FHWA CLASS 5<br>(Two Axle, 6-Tire, SU Truck)         | <u>597</u>                             | <u>402</u>                                   | <u>192</u>                              |
| 4. FHWA CLASS 6<br>(3 AXLE SU TRUCK)                    | <u>130</u>                             | <u>61</u>                                    | <u>37</u>                               |
| 5. FHWA CLASS 7<br>(4 or more Axle SU Truck)            | <u>9</u>                               | <u>5</u>                                     | <u>5</u>                                |
| 6. FHWA CLASS 8<br>(4 or less axle 1-Trlr.Truck)        | <u>430</u>                             | <u>192</u>                                   | <u>104</u>                              |
| 7. FHWA CLASS 9<br>(5 Axle, 1-Trlr.Truck)               | <u>578</u>                             | <u>303</u>                                   | <u>165</u>                              |
| 8. FHWA CLASS 10<br>(6 or more Axle, 1-Trlr.Truck)      | <u>4</u>                               | <u>3</u>                                     | <u>3</u>                                |
| 9. FHWA CLASS 11<br>(5 or less Axle, Multi-Trlr.Truck)  | <u>1</u>                               | <u>0</u>                                     | <u>0</u>                                |
| 10. FHWA CLASS 12<br>(6 Axle, Multi-Trlr.Truck)         | <u>1</u>                               | <u>0</u>                                     | <u>0</u>                                |
| 11. FHWA CLASS 13<br>(7 or more Axle, Multi-Trlr.Truck) | <u>2</u>                               | <u>0</u>                                     | <u>0</u>                                |
| 12. OTHER VEHICLES                                      | <u>—</u>                               | <u>—</u>                                     | <u>—</u>                                |
| <b>GRAND TOTAL</b>                                      | <u>49457</u>                           | <u>24865</u>                                 | <u>8410</u>                             |

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| NAME OF PREPARER _____ | PHONE # _____ |
| DATE PREPARED _____    |               |

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|---|---|
| <b>SHEET 5</b><br><b>LTPP TRAFFIC DATA</b><br><b>VEHICLE CLASSIFICATION DATA</b><br><b>FHWA 13-CLASS SYSTEM</b> | *STATE ASSIGNED ID [ <u>1034</u> ]<br>*STATE CODE [ <u>25</u> ]<br>*SHRP SECTION ID [ <u>1004</u> ] |
|---|---|

HIGHWAY RT. NO. (THIS COUNT) I-195 MILEPOST# (THIS COUNT) 12.70

LOCATION (THIS COUNT) Fall River, East of Plymouth Ave FUNCTIONAL CLASS 11

BEGINNING DATE 8-16-90 ENDING DATE 8-16-90

BEGINNING TIME 0100 ENDING TIME 2400 DURATION (HRS) 24

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

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

EQUIPMENT NAME / MODEL # Streeter #241

TOTAL NO. OF VEHICLES CLASSIFIED 79905 # TRUCKS 2688 % TRUCKS 3

NO. OF TRUCKS IN GPS LANE 883 % OF TRUCKS IN GPS LANE 5

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>77217</u>                           | <u>38282</u>                                 | <u>15468</u>                            |
| 2. FHWA CLASS 4<br>(Buses)                              | <u>183</u>                             | <u>107</u>                                   | <u>71</u>                               |
| 3. FHWA CLASS 5<br>(Two Axle, 6-Tire, SU Truck)         | <u>969</u>                             | <u>551</u>                                   | <u>339</u>                              |
| 4. FHWA CLASS 6<br>(3 AXLE SU TRUCK)                    | <u>306</u>                             | <u>146</u>                                   | <u>96</u>                               |
| 5. FHWA CLASS 7<br>(4 or more Axle SU Truck)            | <u>22</u>                              | <u>0</u>                                     | <u>0</u>                                |
| 6. FHWA CLASS 8<br>(4 or less axle 1-Trlr.Truck)        | <u>526</u>                             | <u>267</u>                                   | <u>165</u>                              |
| 7. FHWA CLASS 9<br>(5 Axle, 1-Trlr.Truck)               | <u>668</u>                             | <u>333</u>                                   | <u>204</u>                              |
| 8. FHWA CLASS 10<br>(6 or more Axle, 1-Trlr.Truck)      | <u>5</u>                               | <u>3</u>                                     | <u>3</u>                                |
| 9. FHWA CLASS 11<br>(5 or less Axle, Multi-Trlr.Truck)  | <u>7</u>                               | <u>5</u>                                     | <u>5</u>                                |
| 10. FHWA CLASS 12<br>(6 Axle, Multi-Trlr.Truck)         | <u>0</u>                               | <u>0</u>                                     | <u>0</u>                                |
| 11. FHWA CLASS 13<br>(7 or more Axle, Multi-Trlr.Truck) | <u>2</u>                               | <u>0</u>                                     | <u>0</u>                                |
| 12. OTHER VEHICLES                                      | <u>—</u>                               | <u>—</u>                                     | <u>—</u>                                |
| <b>GRAND TOTAL</b>                                      | <u>79905</u>                           | <u>39694</u>                                 | <u>16351</u>                            |

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| NAME OF PREPARER _____ | PHONE # _____ |
| DATE PREPARED _____    |               |

|   |   |
|---|---|
| <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>1034</u> ]<br>*STATE CODE [ <u>25</u> ]<br>*SHRP SECTION ID [ <u>1004</u> ] |
|---|---|

HIGHWAY RT. NO. (THIS COUNT) I-195 MILEPOST# (THIS COUNT) 5.20

LOCATION (THIS COUNT) Swansea West of Rt 6 FUNCTIONAL CLASS 11

BEGINNING DATE 9-25-90 ENDING DATE 9-25-90

BEGINNING TIME 0100 ENDING TIME 2400 DURATION (HRS) 24

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

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

EQUIPMENT NAME / MODEL # Streeter #241

TOTAL NO. OF VEHICLES CLASSIFIED 46088 # TRUCKS 2730 % TRUCKS 6

NO. OF TRUCKS IN GPS LANE 719 % OF TRUCKS IN GPS LANE 9

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>43358</u>                           | <u>19946</u>                                 | <u>7466</u>                             |
| 2. FHWA CLASS 4<br>(Buses)                              | <u>92</u>                              | <u>27</u>                                    | <u>16</u>                               |
| 3. FHWA CLASS 5<br>(Two Axle, 6-Tire, SU Truck)         | <u>660</u>                             | <u>257</u>                                   | <u>179</u>                              |
| 4. FHWA CLASS 6<br>(3 AXLE SU TRUCK)                    | <u>252</u>                             | <u>101</u>                                   | <u>74</u>                               |
| 5. FHWA CLASS 7<br>(4 or more Axle SU Truck)            | <u>8</u>                               | <u>4</u>                                     | <u>4</u>                                |
| 6. FHWA CLASS 8<br>(4 or less axle 1-Trlr.Truck)        | <u>548</u>                             | <u>216</u>                                   | <u>147</u>                              |
| 7. FHWA CLASS 9<br>(5 Axle, 1-Trlr.Truck)               | <u>1139</u>                            | <u>429</u>                                   | <u>290</u>                              |
| 8. FHWA CLASS 10<br>(6 or more Axle, 1-Trlr.Truck)      | <u>24</u>                              | <u>11</u>                                    | <u>6</u>                                |
| 9. FHWA CLASS 11<br>(5 or less Axle, Multi-Trlr.Truck)  | <u>6</u>                               | <u>3</u>                                     | <u>3</u>                                |
| 10. FHWA CLASS 12<br>(6 Axle, Multi-Trlr.Truck)         | <u>1</u>                               | <u>0</u>                                     | <u>0</u>                                |
| 11. FHWA CLASS 13<br>(7 or more Axle, Multi-Trlr.Truck) | <u>0</u>                               | <u>0</u>                                     | <u>0</u>                                |
| 12. OTHER VEHICLES                                      | <u>—</u>                               | <u>—</u>                                     | <u>—</u>                                |
| <b>GRAND TOTAL</b>                                      | <u>46088</u>                           | <u>20994</u>                                 | <u>8185</u>                             |

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| NAME OF PREPARER _____ | PHONE # _____ |
| DATE PREPARED _____    |               |