

|   |   |
|---|---|
| <b>SHEET 1</b><br><b>LTPP TRAFFIC DATA</b><br><b>SUMMARY TRANSMITTAL FORM</b> | *STATE ASSIGNED ID [ <u>1401</u> ]<br>*STATE CODE [ <u>32</u> ]<br>*SHRP SECTION ID [ <u>1005</u> ] |
|---|---|

STATE OR PROVINCE Kansas COUNTY Franklin  
 HIGHWAY ROUTE NO. US-50 (Buc.) MILEPOST# 5.31  
 NEAREST CITY/TOWN St. Louis NEAREST INTERSECTION \_\_\_\_\_  
 FUNCTIONAL CLASS 6 NO. LANES EACH DIRECTION 1 TOTAL NO. LANES 2  
 DIRECTION OF TRAVEL GPS LANE E DATE OPENED TO TRAF. - - - 71  
 FIPS COUNTY CODE 59 FHWA STATION IDENTIFICATION NO. 620  
 HPMS SAMPLE NO. 3380 HPMS SUBDIVISION NO. \_\_\_\_\_  
 TYPE OF PAVEMENT: AC X PCC \_\_\_\_\_ OTHER 1  
 CONTROL OF ACCESS: YES \_\_\_\_\_ NO ✓ MEDIAN: YES ✓ NO \_\_\_\_\_  
 CURRENT SURROUNDING DEVELOPMENT:  
 URBAN \_\_\_\_\_ SUBURBAN ✓ RURAL \_\_\_\_\_  
 HAS INTENSITY OF ROADSIDE DEVELOPMENT INCREASED OVER PAST 10 YEARS?  
 YES ✓ NO \_\_\_\_\_  
 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 _____<br>DATE PREPARED _____ | PHONE # _____ |
|---|---------------|

|   |                           |
|---|---------------------------|
| <b>SHEET 1</b><br><b>LTPP TRAFFIC DATA</b><br><b>SUMMARY TRANSMITTAL FORM</b> | *STATE ASSIGNED ID [1401] |
|   | *STATE CODE [20]          |
|   | *SHRP SECTION ID [1005]   |

SCANNED  
JUN 10 2008  
BY *DB*

STATE OR PROVINCE Kansas COUNTY Franklin

HIGHWAY ROUTE NO. US-50 (Bus.) MILEPOST# 5.31

NEAREST CITY/TOWN Ottawa NEAREST INTERSECTION \_\_\_\_\_

FUNCTIONAL CLASS 6 NO.LANES EACH DIRECTION 1 TOTAL NO.LANES 2

DIRECTION OF TRAVEL GPS LANE E DATE OPENED TO TRAF. - - - 72

FIPS COUNTY CODE 59 FHWA STATION IDENTIFICATION NO. 62D

HPMS SAMPLE NO. 3880 HPMS SUBDIVISION NO. \_\_\_\_\_

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

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

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

HAS INTENSITY OF ROADSIDE DEVELOPMENT INCREASED OVER PAST 10 YEARS?  
 YES ✓ NO \_\_\_\_\_  
 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 _____ | PHONE # _____ |
| DATE PREPARED _____    |               |

## TRAFFIC VOLUMES AND LOAD ESTIMATES

\*SHRP SECTION ID [ 1005 ]

DATE PREPARED

## TRAFFIC VOLUMES AND LOAD ESTIMATES

\*SHRP SECTION ID [1005]

KLC  
11/20/01

11-13-2001

## SHEET 3

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

\*STATE ASSIGNED ID [1401]

\*STATE CODE [20]

\*SHRP SECTION ID [1605]

1. Year Applicable 1972

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

## (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 [1461]

\*STATE CODE [20]

\*SHRP SECTION ID [1005]

1. Year Applicable 1973

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

## (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 [1401]

\*STATE CODE [20]

\*SHRP SECTION ID [1005]

1. Year Applicable 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: \_\_\_\_\_

## 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 [1401]

\*STATE CODE [20]

\*SHRP SECTION ID [1005]

1. Year Applicable 1975

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

## (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 [1401]

\*STATE CODE [20]

\*SHRP SECTION ID [1005]

1. Year Applicable 1976

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

## (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 [1401]

\*STATE CODE [20]

\*SHRP SECTION ID [1005]

1. Year Applicable 1977

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

## (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 [1401]

\*STATE CODE [20]

\*SHRP SECTION ID [1005]

1. Year Applicable 1978

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

## (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 [1401]

\*STATE CODE [20]

\*SHRP SECTION ID [1005]

1. Year Applicable 1979

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

## (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 3</b><br><br><b>LTPP TRAFFIC DATA</b><br><b>PROCEDURES FOR ESTIMATING</b><br><b>ANNUAL AVERAGE VOLUMES AND</b><br><b>TOTAL ANNUAL ESALS</b> | *STATE ASSIGNED ID [1421]<br>*STATE CODE [20]<br>*SHRP SECTION ID [1005] |
|--|--|

1. Year Applicable 1980

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

**(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 [1401]

\*STATE CODE [20]

\*SHRP SECTION ID [1005]

1. Year Applicable 1981

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

## (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 [1401]

\*STATE CODE [20]

\*SHRP SECTION ID [1005]

1. Year Applicable 1982

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

## (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 [1421]

\*STATE CODE [20]

\*SHRP SECTION ID [1005]

1. Year Applicable 1983

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

## (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 [1421]

\*STATE CODE [20]

\*SHRP SECTION ID [1005]

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: \_\_\_\_\_

## 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 [1421]

\*STATE CODE [20]

\*SHRP SECTION ID [1005]

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: \_\_\_\_\_

## 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 [1401]

\*STATE CODE [20]

\*SHRP SECTION ID [1005]

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: \_\_\_\_\_

## 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 [1401]

\*STATE CODE [20]

\*SHRP SECTION ID [1005]

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: \_\_\_\_\_

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 [1401]

\*STATE CODE [22]

\*SHRP SECTION ID [1005]

1. Year Applicable 1988

## 2. METHOD FOR ESTIMATING AADT

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

## 3. METHOD FOR ESTIMATING TRUCK VOLUMES OR PERCENTAGES

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

## 4. METHOD FOR ESTIMATING AADT BY GPS LANE

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

## 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 [1401]

\*STATE CODE [26]

\*SHRP SECTION ID [1005]

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: \_\_\_\_\_

## 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 \_\_\_\_\_

HIGHWAY ROUTE NO. (THIS COUNT) K-68

MILEPOST# OR LOCATION (THIS COUNT) W 1st of E-35

BEGINNING DATE 12 / 71 ENDING DATE 12 / 76

BEGINNING TIME 2 ENDING TIME 4

COUNT DURATION 24 ☒ HOURS ☐ DAYS ☐ MONTHS

TYPE OF COUNTER Street NAME/MODEL # 161

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

## ACTUAL COUNTS

ITEM

UNITS

1. TOTAL NO. OF VEHICLES (RAW COUNT) 3260
2. ADJUSTMENT FACTORS (FILL IN AS APPLICABLE):
- A. ADJUSTMENT TO 24-HOUR COUNT 1.000
- B. AXLE CORRECTION FACTOR 1.00
- C. DAY OF WEEK FACTOR 1.000
- D. MONTH FACTOR Group #1 Factor 1.011
- E. OTHER FACTOR ( ) 1.000
3. ANNUAL AVERAGE DAILY TRAFFIC (AADT) 3000  
(TWO-WAY)
4. DIRECTIONAL DISTRIBUTION FACTOR 1.50
5. GPS LANE DISTRIBUTION FACTOR 1.20
6. AADT GPS LANE 1200

**NOTE: COMPLETE ONE SHEET FOR EACH COUNTING SESSION.**

NAME OF PREPARER Jerry Livergood PHONE # 296-3841  
DATE PREPARED 3-18-91

|  |                           |
|--|---------------------------|
| <b>SHEET 4</b><br><br><b>LTPP TRAFFIC DATA</b><br><br><b>TRAFFIC VOLUME COUNTS</b> | *STATE ASSIGNED ID [1401] |
|  | *STATE CODE [20]          |
|  | *SHRP SECTION ID [1005]   |

HIGHWAY ROUTE NO. (THIS COUNT) K-68

MILEPOST# OR LOCATION (THIS COUNT) W leg of I-35

BEGINNING DATE 7-18-75 ENDING DATE 7-15-75

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

COUNT DURATION 24 [X] HOURS [ ] DAYS [ ] MONTHS

TYPE OF COUNTER strecter NAME/MODEL # 161

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)                | --4625               |              |
| 2. ADJUSTMENT FACTORS (FILL IN AS APPLICABLE):      |                      |              |
| A. ADJUSTMENT TO 24-HOUR COUNT                      | --.21                |              |
| B. AXLE CORRECTION FACTOR                           | --.---               |              |
| C. DAY OF WEEK FACTOR                               | --.---               |              |
| D. MONTH FACTOR <u>Group #1</u>                     | --.976               |              |
| E. OTHER FACTOR ( _____ )                           | --.---               |              |
| 3. ANNUAL AVERAGE DAILY TRAFFIC (AADT)<br>(TWO-WAY) | --4150               |              |
| 4. DIRECTIONAL DISTRIBUTION FACTOR                  | --.50                |              |
| 5. GPS LANE DISTRIBUTION FACTOR                     | --.80                |              |
| 6. AADT GPS LANE                                    | --1660               |              |

NOTE: COMPLETE ONE SHEET FOR EACH COUNTING SESSION.

|   |                         |
|---|-------------------------|
| NAME OF PREPARER <u>Jerry Livergood</u> | PHONE # <u>296-3841</u> |
| DATE PREPARED <u>9-18-91</u>            |                         |





|  |                           |
|--|---------------------------|
| <b>SHEET 4</b><br><b>LTPP TRAFFIC DATA</b><br><b>TRAFFIC VOLUME COUNTS</b> | *STATE ASSIGNED ID [1401] |
|  | *STATE CODE [20]          |
|  | *SHRP SECTION ID [1005]   |

HIGHWAY ROUTE NO. (THIS COUNT) K-68

MILEPOST# OR LOCATION (THIS COUNT) W leg of I-35

BEGINNING DATE 5-05-77 ENDING DATE 5-06-77

BEGINNING TIME NA ENDING TIME NA

COUNT DURATION 24 [X] HOURS [ ] DAYS [ ] MONTHS

TYPE OF COUNTER Streeter NAME/MODEL # 161

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>4625</u> |
| 2. ADJUSTMENT FACTORS (FILL IN AS APPLICABLE):      |               |             |
| A. ADJUSTMENT TO 24-HOUR COUNT                      |               | <u>---</u>  |
| B. AXLE CORRECTION FACTOR                           |               | <u>.31</u>  |
| C. DAY OF WEEK FACTOR                               |               | <u>---</u>  |
| D. MONTH FACTOR <u>Group #1 Factor</u>              |               | <u>.972</u> |
| E. OTHER FACTOR ( <u> </u> )                        |               | <u>---</u>  |
| 3. ANNUAL AVERAGE DAILY TRAFFIC (AADT)<br>(TWO-WAY) |               | <u>4090</u> |
| 4. DIRECTIONAL DISTRIBUTION FACTOR                  |               | <u>.50</u>  |
| 5. GPS LANE DISTRIBUTION FACTOR                     |               | <u>.30</u>  |
| 6. AADT GPS LANE                                    |               | <u>1720</u> |

NOTE: COMPLETE ONE SHEET FOR EACH COUNTING SESSION.

|  |                         |
|--|-------------------------|
| NAME OF PREPARER <u>Terry Luvsgood</u> | PHONE # <u>296 3841</u> |
| DATE PREPARED <u>9-18-91</u>           |                         |



|  |                           |
|--|---------------------------|
| <b>SHEET 4</b><br><b>LTPP TRAFFIC DATA</b><br><b>TRAFFIC VOLUME COUNTS</b> | *STATE ASSIGNED ID [1401] |
|  | *STATE CODE [20]          |
|  | *SHRP SECTION ID [1005]   |

HIGHWAY ROUTE NO. (THIS COUNT) K-68

MILEPOST# OR LOCATION (THIS COUNT) W leg of I-35

BEGINNING DATE 10-21-81 ENDING DATE 10-22-81

BEGINNING TIME NA ENDING TIME NA

COUNT DURATION 24 [X] HOURS [ ] DAYS [ ] MONTHS

TYPE OF COUNTER Streeter NAME/MODEL # 161

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>4660</u>            |
| 2. ADJUSTMENT FACTORS (FILL IN AS APPLICABLE):      |                        |
| A. ADJUSTMENT TO 24-HOUR COUNT                      | <u> . </u>             |
| B. AXLE CORRECTION FACTOR                           | <u> . 91 </u>          |
| C. DAY OF WEEK FACTOR                               | <u> . </u>             |
| D. MONTH FACTOR <u>Group #1</u>                     | <u> 1.063 </u>         |
| E. OTHER FACTOR ( <u> </u> )                        | <u> . </u>             |
| 3. ANNUAL AVERAGE DAILY TRAFFIC (AADT)<br>(TWO-WAY) | <u>4510</u> <u>450</u> |
| 4. DIRECTIONAL DISTRIBUTION FACTOR                  | <u> . 50 </u>          |
| 5. GPS LANE DISTRIBUTION FACTOR                     | <u> . 80 </u>          |
| 6. AADT GPS LANE                                    | <u>1804</u>            |

NOTE: COMPLETE ONE SHEET FOR EACH COUNTING SESSION.

|   |                         |
|---|-------------------------|
| NAME OF PREPARER <u>Jerry Livergood</u> | PHONE # <u>296-3841</u> |
| DATE PREPARED <u>9-18-91</u>            |                         |

|  |  |
|--|--|
| <b>SHEET 4</b><br><b>LTPP TRAFFIC DATA</b><br><b>TRAFFIC VOLUME COUNTS</b> | *STATE ASSIGNED ID [1401]<br>*STATE CODE [20]<br>*SHRP SECTION ID [1005] |
|--|--|

HIGHWAY ROUTE NO. (THIS COUNT) K-68

MILEPOST# OR LOCATION (THIS COUNT) W leg OF I-35

BEGINNING DATE 7/18/91 ENDING DATE 7/18/91

BEGINNING TIME 7:00 ENDING TIME 7:00

COUNT DURATION 24 [X] HOURS [ ] DAYS [ ] MONTHS

TYPE OF COUNTER Streeter NAME/MODEL # 161

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>4635</u>  |
| 2. ADJUSTMENT FACTORS (FILL IN AS APPLICABLE):      |              |
| A. ADJUSTMENT TO 24-HOUR COUNT                      | <u>   </u>   |
| B. AXLE CORRECTION FACTOR                           | <u>.91</u>   |
| C. DAY OF WEEK FACTOR                               | <u>   </u>   |
| D. MONTH FACTOR <u>Gray #1 Factor</u>               | <u>1.011</u> |
| E. OTHER FACTOR ( <u>                    </u> )     | <u>   </u>   |
| 3. ANNUAL AVERAGE DAILY TRAFFIC (AADT)<br>(TWO-WAY) | <u>4365</u>  |
| 4. DIRECTIONAL DISTRIBUTION FACTOR                  | <u>.50</u>   |
| 5. GPS LANE DISTRIBUTION FACTOR                     | <u>.30</u>   |
| 6. AADT GPS LANE                                    | <u>1206</u>  |

NOTE: COMPLETE ONE SHEET FOR EACH COUNTING SESSION.

|   |                         |
|---|-------------------------|
| NAME OF PREPARER <u>Terry Livergood</u> | PHONE # <u>296-3841</u> |
| DATE PREPARED <u>9-18-91</u>            |                         |

|  |                           |
|--|---------------------------|
| <b>SHEET 4</b><br><b>LTPP TRAFFIC DATA</b><br><b>TRAFFIC VOLUME COUNTS</b> | *STATE ASSIGNED ID [1401] |
|  | *STATE CODE [20]          |
|  | *SHRP SECTION ID [1005]   |

HIGHWAY ROUTE NO. (THIS COUNT) K-68

MILEPOST# OR LOCATION (THIS COUNT) W 105 05 J-35

BEGINNING DATE 3-23-83 ENDING DATE 3-24-83

BEGINNING TIME NA ENDING TIME NA

COUNT DURATION 24 [X] HOURS [ ] DAYS [ ] MONTHS

TYPE OF COUNTER Streeter NAME/MODEL # 161

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

| ITEM  | ACTUAL COUNTS           | UNITS |
|---|-------------------------|-------|
| 1. TOTAL NO. OF VEHICLES (RAW COUNT)                | <u>✓ 3260</u>           |       |
| 2. ADJUSTMENT FACTORS (FILL IN AS APPLICABLE):      |                         |       |
| A. ADJUSTMENT TO 24-HOUR COUNT                      | <u>   </u>              |       |
| B. AXLE CORRECTION FACTOR                           | <u>.91</u>              |       |
| C. DAY OF WEEK FACTOR                               | <u>   </u>              |       |
| D. MONTH FACTOR <u>Group #1 Factor</u>              | <u>1.042</u>            |       |
| E. OTHER FACTOR ( <u>   </u> )                      | <u>   </u>              |       |
| 3. ANNUAL AVERAGE DAILY TRAFFIC (AADT)<br>(TWO-WAY) | <u>3465</u> <u>4150</u> |       |
| 4. DIRECTIONAL DISTRIBUTION FACTOR                  | <u>.50</u>              |       |
| 5. GPS LANE DISTRIBUTION FACTOR                     | <u>.80</u>              |       |
| 6. AADT GPS LANE                                    | <u>1660</u>             |       |

NOTE: COMPLETE ONE SHEET FOR EACH COUNTING SESSION.

|   |                         |
|---|-------------------------|
| NAME OF PREPARER <u>Terry Livergood</u> | PHONE # <u>296-3841</u> |
| DATE PREPARED <u>3-18-91</u>            |                         |

\* AADT on 1983 Traffic Count map is 4150 This was obtained by Traffic Flowing

|  |                           |
|--|---------------------------|
| <b>SHEET 4</b><br><b>LTPP TRAFFIC DATA</b><br><b>TRAFFIC VOLUME COUNTS</b> | *STATE ASSIGNED ID [1401] |
|  | *STATE CODE [20]          |
|  | *SHRP SECTION ID [1005]   |

HIGHWAY ROUTE NO. (THIS COUNT) K-68

MILEPOST# OR LOCATION (THIS COUNT) W. leg of T-35

BEGINNING DATE 9-19-83 ENDING DATE 9-20-83

BEGINNING TIME NA ENDING TIME NA

COUNT DURATION 24 [X] HOURS [ ] DAYS [ ] MONTHS

TYPE OF COUNTER Strector NAME/MODEL # 161

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>4710</u>   |
| 2. ADJUSTMENT FACTORS (FILL IN AS APPLICABLE):      |               |
| A. ADJUSTMENT TO 24-HOUR COUNT                      | <u> . </u>    |
| B. AXLE CORRECTION FACTOR                           | <u> .96 </u>  |
| C. DAY OF WEEK FACTOR                               | <u> . </u>    |
| D. MONTH FACTOR <u>Group #1 Factor</u>              | <u> .985 </u> |
| E. OTHER FACTOR ( <u> </u> )                        | <u> . </u>    |
| 3. ANNUAL AVERAGE DAILY TRAFFIC (AADT)<br>(TWO-WAY) | <u>4450</u>   |
| 4. DIRECTIONAL DISTRIBUTION FACTOR                  | <u> .50 </u>  |
| 5. GPS LANE DISTRIBUTION FACTOR                     | <u> .80 </u>  |
| 6. AADT GPS LANE                                    | <u>1714</u>   |

NOTE: COMPLETE ONE SHEET FOR EACH COUNTING SESSION.

|   |                         |
|---|-------------------------|
| NAME OF PREPARER <u>Terry Livergood</u> | PHONE # <u>296-3841</u> |
| DATE PREPARED <u>9-18-91</u>            |                         |

|  |  |
|--|--|
| <b>SHEET 4</b><br><b>LTPP TRAFFIC DATA</b><br><b>TRAFFIC VOLUME COUNTS</b> | *STATE ASSIGNED ID [1401]<br>*STATE CODE [80]<br>*SHRP SECTION ID [1005] |
|--|--|

HIGHWAY ROUTE NO. (THIS COUNT) K-68

MILEPOST# OR LOCATION (THIS COUNT) W. 103 OF I-35

BEGINNING DATE 7-18-85 ENDING DATE 7-19-85

BEGINNING TIME 12:30 ENDING TIME 12:30

COUNT DURATION 24 [X] HOURS [ ] DAYS [ ] MONTHS

TYPE OF COUNTER Streeter NAME/MODEL # 161

TYPE OF COUNT: TWO-WAY X 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>--4210</u>      |
| 2. ADJUSTMENT FACTORS (FILL IN AS APPLICABLE):      |                    |
| A. ADJUSTMENT TO 24-HOUR COUNT                      | <u>--.---</u>      |
| B. AXLE CORRECTION FACTOR                           | <u>--.96</u>       |
| C. DAY OF WEEK FACTOR                               | <u>--.930</u>      |
| D. MONTH FACTOR                                     | <u>--.---</u>      |
| E. OTHER FACTOR ( <u> </u> )                        | <u>--.---</u>      |
| 3. ANNUAL AVERAGE DAILY TRAFFIC (AADT)<br>(TWO-WAY) | <u>--3156 4225</u> |
| 4. DIRECTIONAL DISTRIBUTION FACTOR                  | <u>--.50</u>       |
| 5. GPS LANE DISTRIBUTION FACTOR                     | <u>--.80</u>       |
| 6. AADT GPS LANE                                    | <u>--1798 1690</u> |

NOTE: COMPLETE ONE SHEET FOR EACH COUNTING SESSION.

|   |                         |
|---|-------------------------|
| NAME OF PREPARER <u>Terry Livergood</u> | PHONE # <u>296-3841</u> |
| DATE PREPARED <u>9-18-91</u>            |                         |

\* AADT on the 1986 Traffic Flow map is 4225. This was obtained by Traffic Flowing



|  |   |
|--|---|
| <b>SHEET 4</b><br><b>LTPP TRAFFIC DATA</b><br><b>TRAFFIC VOLUME COUNTS</b> | *STATE ASSIGNED ID [ <u>1401</u> ]<br>*STATE CODE [ <u>20</u> ]<br>*SHRP SECTION ID [ <u>1005</u> ] |
|--|---|

HIGHWAY ROUTE NO. (THIS COUNT) K-68  
 MILEPOST# OR LOCATION (THIS COUNT) W. leg of I-35  
 BEGINNING DATE 12-30-87 ENDING DATE 12-31-87  
 BEGINNING TIME 11:50 ENDING TIME 11:50  
 COUNT DURATION 24 [ ☒ ] HOURS [ ] DAYS [ ] MONTHS  
 TYPE OF COUNTER Streeter NAME/MODEL # 161  
 TYPE OF COUNT: TWO-WAY ☒ ONE DIRECTION ONLY ☐ GPS TEST LANE ONLY ☐

| ACTUAL COUNTS   |                             |
|---|-----------------------------|
| ITEM  | UNITS                       |
| 1. TOTAL NO. OF VEHICLES (RAW COUNT)                        | <u>5130</u>                 |
| 2. ADJUSTMENT FACTORS (FILL IN AS APPLICABLE):              |                             |
| A. ADJUSTMENT TO 24-HOUR COUNT                              | <u>----</u>                 |
| B. AXLE CORRECTION FACTOR                                   | <u>.94</u>                  |
| C. DAY OF WEEK FACTOR                                       | <u>1.018</u>                |
| D. MONTH FACTOR   | <u>----</u>                 |
| E. OTHER FACTOR ( <u>                                </u> ) | <u>----</u>                 |
| 3. ANNUAL AVERAGE DAILY TRAFFIC (AADT)<br>(TWO-WAY)         | <u><del>4922</del> 4495</u> |
| 4. DIRECTIONAL DISTRIBUTION FACTOR                          | <u>.50</u>                  |
| 5. GPS LANE DISTRIBUTION FACTOR                             | <u>.80</u>                  |
| 6. AADT GPS LANE  | <u><del>1356</del> 1798</u> |

NOTE: COMPLETE ONE SHEET FOR EACH COUNTING SESSION.

|   |                         |
|---|-------------------------|
| NAME OF PREPARER <u>Jerry Livergood</u> | PHONE # <u>296-3841</u> |
| DATE PREPARED <u>9-18-91</u>            |                         |

\* AADT on TA 1988 Traffic Flowing is 4495. This was obtained by Traffic Flowing.