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| <b>SHEET 10</b><br><b>LTPP TRAFFIC DATA</b><br><br><b>TRAFFIC VOLUME AND LOAD</b><br><b>ESTIMATE UPDATE-NO SITE COUNT</b> | *STATE ASSIGNED ID      [ _ _ _ _ ]<br><br>*STATE CODE                      [ _ 21 _ ]<br><br>*SHRP SECTION ID                      [ _ 1034 _ ] |
|---|--|

**1. ANNUAL TRAFFIC ESTIMATES**

| *YEAR | ESTIMATED<br>TOTAL VEHICLES<br>AADT<br>(TWO-WAY) | ESTIMATED<br>TOTAL TRUCK<br>AADT<br>(TWO-WAY) | ESTIMATED<br>TOTAL VEHICLES<br>AADT<br>LTPP LANE | *ESTIMATED<br>TOTAL TRUCKS<br>AADT<br>LTPP LANE | *ESTIMATED<br>ESAL=S/YR<br>LTPP LANE<br>(1000'S) |
|-------|--|---|--|---|--|
| 1999  | 7276   | 965   | 2583   | 419   | 188  |

**2. METHOD FOR ESTIMATING TOTAL VEHICLE AADT (TWO-WAY)**

- ☒ Growth factored last year=s estimate. (6)  
☐ Estimated based on volume counts at nearby locations. (3)  
☐ Used computerized network analyses. (4)  
☐ Factored a single count taken this year at the LTPP site. (1)  
☐ Average multiple counts taken this year at the LTPP site. (2)  
☐ Average and factored multiple count taken this year at the LTPP site. (5)  
☐ Used flow maps. (7)  
☐ Other: (8) \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_

**3. METHOD FOR ESTIMATING TOTAL TRUCK AADT (TWO-WAY)**

- ☐ Used system averages from counts taken this year. (6)  
☐ Used count data from nearby sites. (3)  
☐ Used count data from previous years at the LTPP site. (7)  
☒ Used system averages from previous years. (8)  
☐ Used computerized network analyses. (4)  
☐ Used a single count taken this year at the LTPP site. (5)  
☐ Factored a single count taken this year at the LTPP site. (1)  
☐ Averaged multiple counts taken this year at the LTPP site. (2)  
☐ Other: (9) \_\_\_\_\_  
 \_\_\_\_\_

**4. METHOD FOR ESTIMATING TOTAL VEHICLES LTPP LANE AADT**

- ☐ System distribution factors. (2)  
☐ Based on actual lane count data. (1)  
☒ Other: (3) \_\_ Growth Factor \_\_\_\_\_  
 \_\_\_\_\_

**\*5. METHOD FOR ESTIMATING TOTAL TRUCKS, LTPP LANE, AADT**

- ☐ System distribution factors. (2)  
☐ Based on actual lane data count. (1)  
☒ Other: (3) \_\_ Growth Factor \_\_\_\_\_  
 \_\_\_\_\_

**\*6. METHOD FOR ESTIMATING ESAL/YEAR IN LTPP LANE**

- ☒ ESAL/Truck factor (1)  
☐ ESAL/Vehicle class. (2) (No. of classes)  
☐ ESAL/Axle(3) Sing. \_\_\_\_ Tand. \_\_\_\_ Tri. \_\_\_\_  
☐ Other: (4) \_\_\_\_\_  
 \_\_\_\_\_

**7. ESAL ESTIMATES - SOURCE OF DATA**

- ☐ Weight data collected at LTPP site prior years. (2)  
☐ Weight data from system averages this year. (3)  
☒ Weight data from system averages prior years. (4)  
☐ Weight data from historic W-4 Tables used. (5)  
☐ Other: (6) \_\_\_\_\_  
 \_\_\_\_\_

**8. WEIGHT SCALE TYPE**

- ☐ WIM scale. (1)  
☐ Static scale used for enforcement. (2)  
☒ Static scale not used for enforcement. (3)  
☐ Other: (4) \_\_\_\_\_  
 \_\_\_\_\_

|   |                     |  |
|---|---------------------|--|
| NAME OF PREPARER <u>Nancy Whiteford</u> | PHONE# _____        |  |
| DATE PREPARED <u>June 2009</u>          | rev. March 12, 2001 |  |

SHEET 10  
LTPP TRAFFIC DATA

TRAFFIC VOLUME AND LOAD  
ESTIMATE UPDATE-NO SITE COUNT

\*STATE ASSIGNED ID

[ \_ \_ \_ ]

\*STATE CODE

[ 21 ]

\*SHRP SECTION ID

[ 1034 ]

1. ANNUAL TRAFFIC ESTIMATES

| *YEAR | ESTIMATED<br>TOTAL VEHICLES<br>AADT<br>(TWO-WAY) | ESTIMATED<br>TOTAL TRUCK<br>AADT<br>(TWO-WAY) | ESTIMATED<br>TOTAL VEHICLES<br>AADT<br>LTPP LANE | *ESTIMATED<br>TOTAL TRUCKS<br>AADT<br>LTPP LANE | *ESTIMATED<br>ESAL=S/YR<br>LTPP LANE<br>(1000'S) |
|-------|--|---|--|---|--|
|-------|--|---|--|---|--|

See Attached Table

2. METHOD FOR ESTIMATING TOTAL VEHICLE  
AADT (TWO-WAY)

- ☒ Growth factored last year=s estimate. (6)
- ☐ Estimated based on volume counts at nearby locations. (3)
- ☐ Used computerized network analyses. (4)
- ☐ Factored a single count taken this year at the LTPP site. (1)
- ☐ Average multiple counts taken this year at the LTPP site. (2)
- ☐ Average and factored multiple count taken this year at the LTPP site. (5)
- ☐ Used flow maps. (7)
- ☐ Other: (8)

3. METHOD FOR ESTIMATING TOTAL TRUCK  
AADT (TWO-WAY)

- ☐ Used system averages from counts taken this year. (6)
- ☐ Used count data from nearby sites. (3)
- ☐ Used count data from previous years at the LTPP site. (7)
- ☒ Used system averages from previous years. (8)
- ☐ Used computerized network analyses. (4)
- ☐ Used a single count taken this year at the LTPP site. (1)
- ☐ Factored a single count taken this year at the LTPP site. (1)
- ☐ Averaged multiple counts taken this year at the LTPP site. (2)
- ☐ Other: (9)

4. METHOD FOR ESTIMATING TOTAL VEHICLES  
LTPP LANE AADT

- ☐ System distribution factors. (2)
- ☐ Based on actual lane count data. (1)
- ☒ Other: (3) G.F.

\*5. METHOD FOR ESTIMATING TOTAL TRUCKS,  
LTPP LANE, AADT

- ☐ System distribution factors. (2)
- ☐ Based on actual lane data count. (1)
- ☒ Other: (3) G.F.

\*6. METHOD FOR ESTIMATING ESAL//YEAR  
IN LTPP LANE

- ☒ ESAL/Truck factor (1)
- ☐ ESAL/Vehicle class. (2) (No. of classes)
- ☐ ESAL/Axle(3) Sing. \_\_\_\_ Tand. \_\_\_\_ Tri. \_\_\_\_
- ☐ Other: (4)

7. ESAL ESTIMATES - SOURCE OF DATA

- ☐ Weight data collected at LTPP site prior years. (2)
- ☐ Weight data from system averages this year. (3)
- ☒ Weight data from system averages prior years. (4)
- ☐ Weight data from historic W-4 Tables used. (5)
- ☐ Other: (6)

8. WEIGHT SCALE TYPE

- ☐ WIM scale. (1)
- ☐ Static scale used for enforcement. (2)
- ☒ Static scale not used for enforcement. (3)
- ☐ Other: (4)

ENTERED JUL 16 2009

NAME OF PREPARER

N. Whiteford

PHONE#

DATE PREPARED

7/16/09

rev. March 12, 2001

SHEET 10  
LTPP TRAFFIC DATA

| State Code | SHRP ID | Year | Estimated Total Vehicles AADT (two-way) | Estimated Total TRUCK AADT (two-way) | Estimated Total Vehicles AADT LTPP LANE | Estimated Total TRUCK AADT LTPP LANE | Estimated ESAL's/YR LTPP LANE (X's 1000) |
|------------|---------|------|---|--------------------------------------|---|--------------------------------------|--|
| 21         | 1034    | 1991 | 4925                                    | 653                                  | 1748                                    | 284                                  | 127                                      |
| 21         | 1034    | 1992 | 5171                                    | 686                                  | 1836                                    | 298                                  | 133                                      |
| 21         | 1034    | 1993 | 5429                                    | 720                                  | 1927                                    | 313                                  | 140                                      |
| 21         | 1034    | 1994 | 5701                                    | 756                                  | 2024                                    | 328                                  | 147                                      |
| 21         | 1034    | 1995 | 5986                                    | 794                                  | 2125                                    | 345                                  | 154                                      |
| 21         | 1034    | 1996 | 6285                                    | 834                                  | 2231                                    | 362                                  | 162                                      |
| 21         | 1034    | 1999 | 7276                                    | 965                                  | 2583                                    | 419                                  | 188                                      |
| 21         | 1034    | 2005 | 9750                                    | 1293                                 | 3461                                    | 561                                  | 252                                      |
| 21         | 1034    | 2006 | 10238                                   | 1358                                 | 3634                                    | 589                                  | 264                                      |
| 21         | 1034    | 2007 | 10750                                   | 1426                                 | 3816                                    | 619                                  | 277                                      |