

SHEET 10  
LTPP TRAFFIC DATA

TRAFFIC VOLUME AND LOAD  
ESTIMATE UPDATE-NO SITE COUNT

STATE ASSIGNED ID [0914]  
STATE CODE [46]  
SHRP SECTION ID [ ]

A910

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>GPS LANE | ESTIMATED<br>TOTAL TRUCKS<br>AADT<br>GPS LANE | ESTIMATED<br>ESAL'S/YR<br>GPS LANE<br>(1000'S) |
|------|--|---|---|---|--|
| 1993 | 2980   | 268   | 1341  | 121   | 6.8  |

2. METHOD FOR ESTIMATING TOTAL VEHICLE AADT (TWO-WAY).  
[ ] Growth factored last year's estimate.  
[x] Estimated based on volume counts at nearby locations.  
[ ] Used computerized network analysis.  
[ ] Other \_\_\_\_\_

3. METHOD FOR ESTIMATING TOTAL TRUCK AADT (TWO-WAY).  
[ ] Used system average from counts taken this year.  
[x] Used count data from nearby sites.  
[ ] Used count data from previous years at GPS site.  
[ ] Used system averages from previous years counts.  
[ ] Used computerized network analysis.  
[ ] Other \_\_\_\_\_

4. METHOD FOR ESTIMATING TOTAL VEHICLES GPS LANE AADT.  
[ ] System distribution factors.  
[x] Other Estimation 90/10 \_\_\_\_\_

5. METHOD FOR ESTIMATING TOTAL TRUCKS, GPS LANE, AADT.  
[ ] System distribution factors.  
[x] Other Estimation 90/10 \_\_\_\_\_

6. METHOD FOR ESTIMATING ESAL/YEAR IN GPS LANE.  
[x] ESAL/Truck factor.  
[ ] ESAL/vehicle class factor- Number of classes.  
[ ] Other \_\_\_\_\_

7. ESAL ESTIMATES - SOURCE OF DATA.  
[ ] Prior years data collected at GPS site.  
[ ] Current year system average.  
[x] Prior year system average.  
[ ] Historical W-4 tables.  
[ ] Other \_\_\_\_\_

8. WEIGHT SCALE TYPE.  
[ ] WIM Scale.  
[ ] Static scale used for enforcement.  
[ ] Static scale not used for enforcement.  
[x] Other SD Bridge Weigh System \_\_\_\_\_

NAME OF PREPARER Rocky W. Hook  
DATE PREPARED 7-11-94  
PHONE # (605) 773-3336

|   |   |
|---|---|
| SHEET 10<br>LTPP TRAFFIC DATA<br><br>TRAFFIC VOLUME AND LOAD<br>ESTIMATE UPDATE-NO SITE COUNT | STATE ASSIGNED ID [0914]<br>STATE CODE [46]<br>SHRP SECTION ID [6600] ✓ |
|---|---|

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>GPS LANE | ESTIMATED<br>TOTAL TRUCKS<br>AADT<br>GPS LANE | ESTIMATED<br>ESAL'S/YR<br>GPS LANE<br>(1000'S) |
|------|--|---|---|---|--|
| 1993 | <u>2980</u>                                      | <u>447</u><br><del>268</del>                  | <u>1341</u>                             | <u>20</u><br><del>121</del>                   | <u>22</u><br><del>618</del>                    |

2. METHOD FOR ESTIMATING TOTAL VEHICLE AADT (TWO-WAY).
- ☐ Growth factored last year's estimate.
- ☒ Estimated based on volume counts at nearby locations.
- ☐ Used computerized network analysis.
- ☐ Other \_\_\_\_\_

5. METHOD FOR ESTIMATING TOTAL TRUCKS, GPS LANE, AADT.
- ☐ System distribution factors.
- ☒ Other Estimation 90/10

3. METHOD FOR ESTIMATING TOTAL TRUCK AADT (TWO-WAY).
- ☐ Used system average from counts taken this year.
- ☒ Used count data from nearby sites.
- ☐ Used count data from previous years at GPS site.
- ☐ Used system averages from previous years counts.
- ☐ Used computerized network analysis.
- ☐ Other \_\_\_\_\_

6. METHOD FOR ESTIMATING ESAL/YEAR IN GPS LANE.
- ☒ ESAL/Truck factor.
- ☐ ESAL/vehicle class factor-  
Number of classes.
- ☐ Other \_\_\_\_\_

7. ESAL ESTIMATES - SOURCE OF DATA.
- ☐ Prior years data collected at GPS site.
- ☐ Current year system average.
- ☒ Prior year system average.
- ☐ Historical W-4 tables.
- ☐ Other \_\_\_\_\_

8. WEIGHT SCALE TYPE.
- ☐ WIM Scale.
- ☐ Static scale used for enforcement.
- ☐ Static scale not used for enforcement.
- ☒ Other SD Bridge Weigh System

4. METHOD FOR ESTIMATING TOTAL VEHICLES GPS LANE AADT.
- ☐ System distribution factors.
- ☒ Other Estimation 90/10

|                                       |                               |
|---------------------------------------|-------------------------------|
| NAME OF PREPARER <u>Rocky W. Hook</u> | PHONE # <u>(605) 773-3336</u> |
| DATE PREPARED <u>7-11-94</u>          |                               |

ENTERED APR 8 8 2000