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| SHEET 1 LTPP TRAFFIC DATA SUMMARY TRANSMITTAL FORM | *STATE ASSIGNED ID <u>[1027]</u> *STATE CODE <u>[51]</u> *SHRP SECTION ID <u>[2021]</u> |
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STATE OR PROVINCE VIRGINIA COUNTY CARROLL
 HIGHWAY ROUTE NO. 58 MILEPOST# N/A
 NEAREST CITY/TOWN HILLSVILLE NEAREST INTERSECTION WEST OF I-77
 FUNCTIONAL CLASS 06 NO. LANES EACH DIRECTION 2 TOTAL NO. LANES 4
 DIRECTION OF TRAVEL GPS LANE WEST DATE OPENED TO TRAF. 8/85
 FIPS COUNTY CODE 035 FHWA STATION IDENTIFICATION NO. N/A
 HPMS SAMPLE NO. 5819440 HPMS SUBDIVISION NO. 0
 TYPE OF PAVEMENT: AC _____ PCC _____ OTHER X
 CONTROL OF ACCESS: YES _____ NO X MEDIAN: YES X NO _____
 CURRENT SURROUNDING DEVELOPMENT:
 URBAN _____ SUBURBAN _____ RURAL X
 HAS INTENSITY OF ROADSIDE DEVELOPMENT INCREASED OVER PAST 10 YEARS?
 YES _____ NO X
 IF YES, DESCRIBE CHANGES _____

NOTE: ATTACH ALL RELATED FORMS AND COUNT DATA AND SUBMIT TO THE
 SHRP REGIONAL OFFICE. ATTACH MAP INDICATING THE LOCATION OF
 EACH TRAFFIC COUNT, VEHICLE CLASSIFICATION COUNT, OR WEIGHT
 STATION RELATIVE TO THIS GPS TEST SECTION.

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| NAME OF PREPARER <u>C. J. WHITING</u> DATE PREPARED <u>12-12-90</u> | PHONE # <u>(804) 225-3589</u> |
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| SHEET 2 LTPP TRAFFIC DATA TRAFFIC VOLUMES AND LOAD ESTIMATES | *STATE ASSIGNED ID [1027] *STATE CODE [51] *SHRP SECTION ID [2021] |
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| YEAR | 1. ESTIMATED TOTAL VEHICLES AADT (TWO-WAY) | 2. ESTIMATED TOTAL TRUCK AADT (TWO-WAY) | 3. ESTIMATED TOTAL VEHICLES AADT GPS LANE | 4. ESTIMATED TOTAL TRUCKS AADT GPS LANE | 5. ESTIMATED ESAL'S / YR GPS LANE (1000's) |
|------|--|---|---|---|--|
| 1989 | 8,660 | 660 | 3464 | 264 | 74 |
| 1988 | 8,490 | 650 | 3396 | 260 | 73 |
| 1987 | 8,020 | 610 | 3208 | 244 | 69 |
| 1986 | 7,365 | 2,105 | 2946 | 842 | 237 |
| 1985 | 7,560 | 1,960 | 3024 | 784 | 220 |
| 1984 | 6,780 | 1,430 | | | |
| 1983 | 5,995 | 1,495 | | | |
| 1982 | 5,435 | 1,275 | | | |
| 1981 | 5,255 | 1,280 | | | |
| 1980 | 5,085 | 1,205 | | | |
| 1979 | 5,795 | 1,355 | | | |
| 1978 | 5,610 | 1,500 | | | |
| 1977 | 5,120 | 1,210 | | | |
| 1976 | 4,810 | 990 | | | |
| 1975 | 4,580 | 920 | | | |
| 1974 | 4,560 | 970 | | | |
| 1973 | 4,710 | 940 | | | |
| 1972 | 4,100 | 870 | | | |
| 1971 | 3,935 | 885 | | | |
| 1970 | 3,760 | 840 | | | |
| 1969 | 3,725 | 755 | | | |
| 1968 | 3,350 | 680 | | | |
| 1967 | 3,130 | 590 | | | |
| 1966 | 3,020 | 640 | | | |
| 1965 | 2,845 | 545 | | | |

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

SHEET 3

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

*STATE ASSIGNED ID [_ _ _ _]

*STATE CODE [51]

*SHRP SECTION ID [2021]

1. Year Applicable 85-89

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: _____

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

- ☐ Based on actual lane count data.
- ☐ System distribution factors.
- ☒ Other: ASSUMED 50/50 DIRECTIONAL SPLIT
AND 80% LANE FACTOR

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

- ☐ Based on actual lane count data.
- ☐ System distribution factors.
- ☒ Other: ASSUMED 50/50 DIRECTIONAL SPLIT
AND 80% LANE FACTOR

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: ASSUMED .77 ESALS
PER TRUCK

(B) Weight Scale Type

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

NAME OF PREPARER _____ PHONE # _____
DATE PREPARED _____