

HEET 1

LTPP TRAFFIC DATA
SUMMARY TRANSMITTAL FORM

*STATE ASSIGNED ID [1002]

*STATE CODE OF [04]

*SHRP SECTION ID (4)1002

STATE OR PROVINCE Arizona COUNTY Yavapai
HIGHWAY ROUTE NO. I-40 MILEPOST# 145.37
NEAREST CITY/TOWN Ash Fork NEAREST INTERSECTION SR B-40 Exit 145
FUNCTIONAL CLASS 01 NO. LANES EACH DIRECTION 2 TOTAL NO. LANES 4
DIRECTION OF TRAVEL GPS LANE WB DATE OPENED TO TRAF. 02-01-89
FIPS COUNTY CODE 025 FHWA STATION IDENTIFICATION NO. RG 1002-78
HPMS SAMPLE NO. NOT ON A SAMPLE PANEL HPMS SUBDIVISION NO. _____
TYPE OF PAVEMENT: AC ☒ 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 Several Convenience markets /
Gas Stations have been built

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.

ENTERED

DEC 16 1991

By WV

NAME OF PREPARER _____ PHONE # _____
DATE PREPARED _____

| | |
|---|--|
| SHEET 2 LTPP TRAFFIC DATA TRAFFIC VOLUMES AND LOAD ESTIMATES | *STATE ASSIGNED ID [<u>1002</u>] *STATE CODE [<u>04</u>] *SHRP SECTION ID [<u>41002</u>] |
|---|--|

| 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 | 9000 | 2700 | 3600 | 1100 | 1273 |
| 1988 | 8400 | 2500 | 3400 | 1000 | 1188 |
| 1987 | 9100 | 2700 | 3600 | 1100 | 1287 |
| 1986 | 8600 | 2600 | 3400 | 1000 | 1217 |
| 1985 | 7200 | 2200 | 2900 | 900 | 1019 |
| 1984 | 6500 | 1950 | 2600 | 800 | 920 |
| 1983 | 6000 | 1800 | 2400 | 700 | 849 |
| 1982 | 6000 | 1800 | 2400 | 700 | 849 |
| 1981 | 5600 | 1700 | 2200 | 700 | 792 |
| 1980 | 5200 | 1600 | 2100 | 600 | 736 |
| 1979 | 6900 | 2100 | 2800 | 800 | 976 |
| 1978 | XXXX | | | | |
| 1977 | XXXX | | | | |
| 1976 | XXXX | | | | |
| 1975 | 6300 | | | 800 | 891 |
| 1974 | 5600 | | | 700 | 792 |
| 1973 | 9212 | | | 100 | 1303 |
| 1972 | 9005 | | | 100 | 1274 |
| 1971 | 8209 | | | 000 | 1161 |
| 1970 | 7822 | | | 700 | 1107 |
| 1969 | 7403 | 2200 | 3000 | 900 | 1047 |
| 1968 | 6578 | 2000 | 2600 | 800 | 931 |
| 1967 | | | | | |
| 1966 | | | | | |
| 1965 | | | | | |

Deleted
Construction

Not in
Electronic
files

Delete years
prior to 1980

ENTERED

DEC 16 1991

| | |
|------------------------|----------------------------|
| NAME OF PREPARER _____ | PHONE # <u>By</u> <u>W</u> |
| DATE PREPARED _____ | |

XXX under construction

SHEET 3

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

*STATE ASSIGNED ID [1002]

*STATE CODE [24]

*SHRP SECTION ID [41002]

1. Year Applicable 1990

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% directional
SPLIT - Lane Distribution Averaged
from Permanent Counter Sites on Similar Roadways

5. METHOD FOR ESTIMATING TRUCK AADT IN GPS LANES

- ☐ Based on actual lane count data.
- ☐ System distribution factors.
- ☒ Other: Based on Lane Counts
and Classification Data from
Nearby Sites

6. METHOD FOR ESTIMATING ESAL/VEHICLE

- ☐ ESAL/Truck.
- ☐ ESAL/Vehicle class. (no. of classes) _____
- ☒ Other: HPMS Formula

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: HPMS Formula

(B) Weight Scale Type

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

ENTERED

DEC 16 1991

By WJ

NAME OF PREPARER _____ PHONE # _____

DATE PREPARED _____