

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 \_\_\_\_\_

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

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

Deleted years  
prior to 1980

Not in  
Electronic  
files

ENTERED

DEC 16 1991

NAME OF PREPARER _____	PHONE # _____	By <u>WV</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 \_\_\_\_\_